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GULF POWER
A SOUTHERN COMPANY

July 2, 1998

Mr. Greg Smith
Compliance/Enforcement Section Supervisor
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

RECEIVED
JUL 8 1998
WATER QUALITY STANDARD
& SOURCE WATER PROTECTION

Re: Scholz Electric Generating Plant
Wastewater Permit #FL0002283

Dear Mr. Smith:

As agreed upon in our meeting with the Department on May 26, 1998, attached is a copy of the report of our investigation into possible sources of nickel in well MW-210MD at Plant Scholz. The report includes a summary of all our activities to date on this subject as well as provides an explanation for the slightly elevated nickel levels that have been detected in MW-210MD.

The result of our investigation indicates that neither the operations of the plant itself nor the ash pond is a plausible source of nickel in MW-210MD. Rather, the source is naturally occurring sediments (a blue clay layer) that are present in the area of the well.

Gulf Power feels that the attached report more than provides reasonable assurance to the Department that the Scholz Electric Generating Plant is in compliance with all applicable groundwater standards. In light of the results of the report, Gulf would recommend that the parameter nickel be deleted from the groundwater monitoring requirements for the proposed NPDES permit for this facility.

If you have any questions, please contact me at (850) 444-6311 or Mike Markey at (850) 444-6573.

Sincerely,

James O. Vick
Manager of Environmental Affairs

Attachment

cc: Dept. of Environmental Protection – N.W. District
Vic Hultstrand
Bill Evans

Dept. of Environmental Protection - Tallahassee
Craig Diltz
✓ Bryan Baker

Gulf Power Company
Lewis Jeffers
Mike Markey
Joe Neese
Rachel Terry

NICKEL STUDY FOR MONITOR WELL MW-210MD SCHOLZ ELECTRIC GENERATING PLANT

Prepared by:

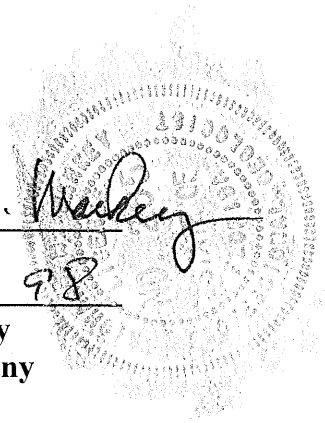
Richard M. Markey
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July 2, 1998

CERTIFICATION

PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF FLORIDA

This is to certify that I have reviewed and approve the contents of the report entitled "Nickel Study for Monitoring Well MW-210MD, Scholz Electric Generating Plant".



Richard M. Markey

7-02-98

Richard M. Markey
Gulf Power Company
One Energy Place
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History:

On March 16, 1993, the Florida Department of Environmental Protection (FDEP) issued Industrial Wastewater permit #I032-189371 for the Scholz Electric Generating Plant located in Sneads, Florida. Specific Condition 21 of this permit required the submission of information in accordance with a August 27, 1992 meeting to complete the groundwater monitoring plan. This document was submitted on July 15, 1993 as required (ViroGroup, Inc. report dated July 15th).

The report included well installation information on the new deep wells at this facility as well as old well information that had been requested. New wells were installed due to the sediment production into the previously installed wells. In addition, screened intervals for the shallow site wells were submitted.

Monitor wells MW-210MD and MW-210S were installed as part of this groundwater monitoring plan. Monitor well MW-210MD was installed on June 7, 1993 and monitor well MW-210S was installed on March 8, 1994. Lithologic logs and "as-installed" diagrams for these two wells are included in Appendix A. The lithologic logs for 110 and 110A are also included in Appendix A.

The intent of the new well system was to detect any potential discharge from site operations both in the surficial aquifer and also in the Floridan aquifer. MW-210S was installed immediately above the Floridan aquifer. MW-210MD was installed in a relatively clean interval and where the Floridan aquifer exhibited a lost circulation zone, where no limestone was present.

During the November 7, 1994 sampling event, 0.17 mg/l of nickel was detected. A confirmation sampling event was conducted on December 21, 1994 and the total nickel value was 0.16 mg/l. These levels were reported to the Department as required and we continued to investigate the issue. The notification was followed up in writing in January 17, 1995 by a letter to Bobby Cooley. The letter discusses a previous meeting with Rick Bradburn at which it was agreed that we would re-develop and re-sample the well. All correspondence relating to this project is located in Appendix B.

In a subsequent meeting with Rick Bradburn, Rachel Terry and myself, we indicated that we had sampled the clay at MW-210MD and it contained nickel. In addition, the shallow well MW-210S had been non-detect for nickel. It was our belief that natural sediments

were the source of the water quality issue in MW-210MD. Mr. Bradburn's response was that this was a reasonable explanation and the issue would be resolved once it was submitted in writing to the Department. This statement was included in Gulf Power's letter dated June 26, 1995.

Source Investigation:

Prior to well development a search for operational sources of nickel was conducted. The possible sources were:

1. Drilling of new well MW-210MD,
2. Ash pond at Plant Scholz,
3. Shelby tube sampling device, which was used to take undisturbed soil samples,
4. Operations at Plant Scholz (i.e. chemicals and/or equipment used on-site),
5. Lithologic conditions natural to the site.

The conditions above were reviewed to determine their applicability. The first was the drilling of MW-210MD. This well was drilled in a similar fashion as the other new deep wells, with the exception of this well being installed in a lost circulation zone. All other wells have not indicated a consistent presence of nickel. The presence of the screened zone in a void could potentially contribute to the elevated nickel value, due to sediments above the Floridan containing nickel naturally.

The ash pond was then looked at as a possible source. The existing ashpond and surface water discharge data was reviewed along with the existing groundwater data prior to 1994. The old data (Table 1) indicated a few anomalous events, however, no definitive trends were revealed. Background well MW-105 was sampled on December 6, 1991. The result of this event was 0.13 mg/l (nickel standard 0.10 mg/l). In addition, MW-105A was sampled on the same date and nickel was detected at 0.086 mg/l. Based on a review of past data these values appear to be suspect. The rationale for this conclusion is that all wells with the exception of 104B and 112A detected nickel during this sampling event. Many of the wells were non-detect prior to and after the December 1991 sampling event. In further review of the data, nickel has been detected on several occasions; however, there are not any significant or discernable trends that can be noted.

The new groundwater data was then reviewed and MW-210MD was the only well that had a nickel level in excess of State water quality standards (Table 2). A summary of MW-210MD is presented in Figure 1 (Graph Section). The monitoring data for Plant Lansing Smith (Table 3) was also reviewed for the presence of nickel. According to the data in table 3, nickel has been detected five times out of one hundred and seventy

sampling events. The maximum value was 0.064 mg/l. During a previous meeting with Mr. Bill Evans, it was stated that sampling of the new wells at Plant Crist could help resolve this issue. Therefore, all monitor wells at Plant Crist were sampled for nickel. The results (Appendix C) are presented in Table 6 and all wells were non-detect for nickel.

In addition to plants Smith and Crist, the Scholz Plant ash pond, intake and discharge results were reviewed to determine the impact of site operations. The values are as follows:

Sample Date	Intake	Plant Ashpond	Plant Discharge
January 1990	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
April 1990	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
July 1990	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
October 1990	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
January 1991	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
April 1991	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
July 1991	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
October 1991	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
January 1992	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
April 1992	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
July 1992	<0.020 mg/l	NS	<0.020 mg/l
October 1992	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
July 1993	<0.020 mg/l	NS	<0.020 mg/l
July 1994	<0.020 mg/l	NS	<0.020 mg/l
July 1995	<0.020 mg/l	NS	<0.020 mg/l
July 1996	<0.020 mg/l	NS	<0.020 mg/l
January 1997*	<0.020 mg/l	<0.020 mg/l	<0.020 mg/l
July 1997	<0.020 mg/l	NS	<0.020 mg/l
June 1998	NS	NS	<0.040 mg/l

* = Sampling event for permit renewal (results in Appendix D)
NS = Not sampled

Data sheets for the July 1991 through June 1998 are included in Appendix E. It should be noted that all sampling events for nickel have been non-detect.

Undisturbed Sampler Investigation:

A Southern Company Services driller was contacted to determine whether the shelby tube samplers, used to obtain undisturbed soil samples, contained nickel. According to one manufacturer, the samplers did not contain any nickel. In speaking to a second manufacturer recently, he indicated that they do have nickel, however, it was doubtful that nickel would be leaching from what was left in the hole. Nickel is used to inhibit corrosion and the pH of water from MW-210MD should not be severe enough to cause the nickel levels being encountered.

Site Operations and Equipment Sources:

Mr. Raymond Walden (Plant Scholz) was contacted in January 1995 to determine whether any operational sources that would cause this occurrence. After several weeks, Environmental Affairs received a call that no operational sources could be identified.

A separate investigation was conducted on June 10, 1998. This investigation was conducted by Kenny Peacock from Plant Scholz and Joe Neese from Environmental Affairs. A copy of the findings are included in Appendix F. The investigation indicates: "No compounds containing nickel were located. Several alloys containing nickel are used at the plant; however, none of these are in contact with the soil".

The largest plant component containing nickel at the plant is the condenser, which contains tubes which are an alloy of 90 % copper and 10 % nickel. Nickel is added to metals due to its ability to inhibit corrosion.

Several other thermocouple devices were located that are composed of chromel, an alloy of nickel, and alumel. In the laboratory a "calorimeter bomb" is used and is made of monel. It is stated that there are numerous instruments that use nickel cadmium batteries, however, the batteries are used until spent and then are properly disposed of in accordance with regulations.

It is the opinion of the investigators that these components, which contain nickel, are not a plausible source.

In general, the following commonly utilized metals, which are known for corrosion resistance, contain nickel:

Titanium	Nickel Alloy 200
Tungsten	Nickel Alloy 400
Vanadium	Nickel Alloy 405

Stainless steel contains approximately 9-12 % nickel.

Lithologic Conditions:

During the drilling of MW-210MD, a deep blue clay unit was encountered at a depth of approximately 8.7-13 feet below land surface. During the development of MW-210MD this well had a blue green tint and after oxidation, the sample turned orange in color. Due to the similarity of the clay to the color of the water in this well, a sample was archived from drilling operations and was later analyzed for nickel. The analytical results from Savannah labs indicated that the sample had a concentration of 7.0 mg/kg nickel. As stated in our letter dated June 26, 1995:

"We believe this is evidence that nickel occurs in the soil in the area of this well. In support of this theory, the shallow well near MW-210MD (210S) has been below detection limits for nickel..."

In review of the lithologic logs on-site, the presence of the blue clay appears to be limited in extent. The following is a summary of the blue clay's presence and absence:

Monitor Well	**Description: Presence or Absence of Unit**
MW-203S	No - not present
MW-203MD	No - not present
MW-204S	No - not present
MW-204MD	No - not present
MW-205S	No - not present
MW-205MD	No - not present
MW-210S	No - not present
MW-210MD	**Yes - present at 8.7 to 13 feet bls**
MW-212MD	No - not present
Old Monitoring System	**Description: Presence or Absence of Unit**
110	Unknown from description
110A	**Yes - present at 6.5 to 9.5 feet bls**
112A	No - not present
112	No - not present
103	Unknown from description
103A	No log available
104B	Unknown from description
104	**Possible** - presence of bluish white clay from 6.5 to 9.5 feet bls.
105	Unknown due to description
105A	No - not present in description

Note: "Not Present" refers to blue clay not being present

In accordance with the textbook entitled "College Chemistry, with Qualitative Analysis"; it is stated that because of nickel's hardness and resistance to corrosion, it is a widely used metal. It is further stated that "Aqueous solutions of nickel salts are green. The addition of aqueous ammonia first causes pale green nickel hydroxide to precipitate, but an excess of ammonia dissolves the precipitate by forming the deep blue complex $[Ni(NH_3)_6]^{2+}$". This deep blue color is what was encountered during the drilling of well MW-210MD.

To further evaluate this issue borings SB-1 through SB-4 were conducted on June 12, 1998 (Figure 2). The color of the very thin seams of clay in SB-1 and 2 were a very light blue color. The clay in SB-3 was a very light blue with a tint of green. The clay thickness encountered in each boring is illustrated below:

Soil Boring Location	**Description: Presence or Absence of Unit**
Soil Boring Location #1 (SB-1)	**Yes - Light blue with 0.02 feet present**
Soil Boring Location #2 (SB-2)	**Yes - Light blue with 0.005 feet present**
Soil Boring Location #3 (SB-3)	**Yes - Light blue with green, 1.5 feet present**
Soil Boring Location #4 (SB-4)	No - Blue clay unit not present

An isopach map of the blue clay unit is presented in Figure 3. It should be noted that the clay present in soil borings SB-1, 2 & 3 was light blue in color. The clay encountered at MW-210MD was the thickest encountered (4.3 feet) and a deeper blue in color.

Previous analytical for the clay encountered at MW-210MD indicated the presence of nickel, which confirms the theory that the blue color is related to the presence of nickel. Pictures of the clay encountered in the new soil borings are included in the photo section, pages 7-10. One sample was collected for laboratory analysis from SB-3. This was conducted because the original sample from MW-210MD was utilized in the initial lab analysis. The first sample from MW-210MD resulted in a nickel value of 7.0 mg/kg. The second sample submitted for analytical testing from SB-3 resulted in 2.1 mg/kg nickel. This reduction in nickel concentration may be indicated by the light blue color of the sample.

Well Purging Investigation:

On June 10, 1998, MW-210MD was sampled to document by photographs the appearance of purge water and its subsequent oxidation. Pages 1-6 (photo section) document the purging as well as oxidation. The bucket on the left side of each page (with the exception of the bottom picture on page 1) document the purge water from one well volume to five well volumes. The fifth well volume at 11:26 CDT is a light blue-green and subsequently oxidizes to an orange color. There is a similar occurrence with the blue clay layer. Upon initial sampling, the clay is either a light blue clay or a dark blue clay as found at MW-210MD. Subsequent to sampling the clay sample oxidizes and turns orange.

River Effects:

An evaluation of the effects of the Apalachicola River on the groundwater of MW-210MD was conducted. Based on Figures 4 and 5 and the review of the laboratory analytical data, it is apparent that the Floridan aquifer and the Apalachicola River are directly connected. When the river flow is increased, bank storage occurs and the monitor zone (Floridan aquifer) is inundated with river water. During periods of low flow, groundwater in contact with natural sediments is encountered.

Gulf Power Company over the past five years has collected historical data from the Apalachicola River for nickel. As illustrated in Table 4 and Figure 6, nickel is a natural parameter that is found in the sediments of the Apalachicola River. An average value was calculated from the monitoring stations over the period from 1993 through 1997 (ranging from 2.02 to 6.4 mg/kg). Table 4 and Figure 6 demonstrate that the highest nickel concentrations in sediments are encountered near where the river and I-10 intersect. The levels at Plant Scholz are lower than the upgradient samples collected at AR4R and AR4L. This indicates that the plant is not contributing nickel to the soils underlying the Apalachicola River. Table 5 also indicates that nickel is not being detected in the Apalachicola River, with the exception of the one sample at AR8L (1994). This sample location is downgradient of the intersection of I-10 and the Apalachicola river and the result was 0.02 mg/l.

Leachate Study:

On June 12, 1998, four new soil borings were conducted down to the top of the Floridan aquifer. During the drilling operations, soils samples were reviewed to determine the presence or absence of the blue clay unit. Figure 2 depicts the location of the soil borings SB-1 though SB-4. Figure 3 is an isopach map illustrating the thickness of the blue clay unit and its general orientation. It should be noted that 4.3 feet of deep blue clay was encountered at MW-210MD. Sampling was conducted at what was thought to be a safe distance from MW-210S and MW-210MD so that the water quality of these wells would not be affected in the future.

Soil samples from the clay above the Floridan were collected and 1.5 feet of light blue-green clay, from soil boring SB-3, was submitted to Savannah Laboratories for testing and also for the initiation of the leachate study. Four liters of groundwater were collected from MW-204S and MW-205S on June 10, 1998. Both groundwater samples from these wells were non-detect for Nickel (<0.020 mg/l). A leach test was conducted to determine the effects of this clay unit on the Floridan well MW-210MD. The results are as follows:

Monitor Well	Pre-Leachate Groundwater Result (mg/l)	Leachate Sample Mg/l
MW-210MD	0.15	NLT
MW-205MD	<0.020	0.22
MW-204S	<0.020	0.18

NLT = No leach test conducted using the groundwater sample

The leachate procedure used was as follows: Soil samples were collected with properly decontaminated drilling equipment. The soil samples were composited and separated into three samples, and delivered the same day to Savannah Laboratories in Mobile, Alabama. A Savannah Laboratories technician took one kilogram of soil and mixed it with three liters of groundwater from MW-205MD. Groundwater from MW-205MD was chosen due to its background water quality to determine if this water was capable of leaching from the clay unit in excess of State water quality standards. As illustrated in the table above, the unfiltered sample resulted in a level of 0.22 mg/l. The normal TDS for MW-205MD is 61-130 mg/l.

A second leachate sample was initiated which consisted of one kilogram of soil from SB-3 and three liters of groundwater from MW-204S. A sample from this well was used to determine the effect of a higher TDS water (TDS range from 320-390 mg/l). As a result of the testing, it is apparent that the lower TDS water resulted in a slightly higher nickel value. It should also be noted that the starting nickel value for this test was approximately one third the concentration found at MW-210MD. A summary of the analytical testing is as follows:

Parameter (Units)	Leachate Test Using Soil* and MW-205MD Groundwater	Leachate Test Using Soil* and MW-204S Groundwater
Nickel	0.22	0.18
TDS	140	350
Specific Conductance	200	530
PH	7.1	6.9
Sulfate	7.4	100

* = Soil obtained from soil boring SB-3
Pre-leachate groundwater samples for MW-205MD and MW-204S were non-detect for nickel.

This testing was conducted to determine whether the soil could contribute nickel to groundwater and also determine the effect of TDS on the nickel concentrations. The results of the study, using a light blue clay with a nickel concentration of approximately one third of the concentration found in the boring for MW-210MD, will leach nickel in concentrations comparable to what is being detected in MW-210MD. Based on the results above, TDS has no visible effect.

In review of FDER's document entitled "Groundwater Monitoring Parameters and Pollution Sources, Third Edition, May 1989", nickel is not an indicator parameter for monitoring inorganic water quality at coal fired power plants. Plant Scholz has been in service since 1954 and the ash pond has provided a long-term leach test for the site. As indicated previously, nickel has been non-detect in the ash pond indicating that the ash is not the source of nickel found in MW-210MD.

Groundwater Flow Directions:

Groundwater flow maps for the surficial aquifer and the Floridan aquifer are presented in Appendix H. Groundwater flow in the surficial aquifer is from northwest to southeast. Groundwater in the Floridan primarily flows from the northwest to southeast. Figure A (Appendix H) illustrates the location of monitor well MW-1, which was part of the former lighter oil assessment project. This site received a "No Further Action" determination from the Department in 1995. Monitor well MW-1, which is hydraulically downgradient of the coal pile, was sampled on June 19, 1998 by Savannah Laboratories, to provide reasonable assurance that the coal pile was not a source of nickel. The result of this well was <0.020 mg/l or non-detect. The results of this sampling event are located in Appendix I.

Ash Analysis:

Two ash samples were collected from Plant Scholz on June 23, 1998. The samples were transported to Savannah Laboratories in Tallahassee for nickel analysis. The results of this testing resulted in nickel levels for the bottom ash at 15 mg/kg and fly ash at a level of 36 mg/kg. As stated previously in this report, the plant has been in operation since 1954 and all ash pond discharge samples have been non-detect for nickel. In addition, the monitoring wells, which are monitoring water quality migrating from the ash pond, have not indicated an issue with nickel.

Conclusions:

A thorough search for the source of nickel has been conducted. All throughout this process the Department has been fully aware of our actions. The sources reviewed were: 1) the drilling of MW-210MD, 2) the ash pond, 3) UD sampler used in MW-210MD, 4) operational sources, 5) lithologic conditions, 6) coal pile, and 7) river influences.

Based on the review of all data compiled as a result of this investigation, it is my professional opinion that the source of nickel in MW-210MD is natural sediments. These sediments containing nickel are located immediately above the Floridan aquifer, which is being sampled in MW-210MD quarterly. As a result of these conclusions, Plant Scholz has been in compliance with applicable water quality standards.

During the drilling of MW-210MD, a deep blue clay unit was encountered immediately above the Floridan aquifer. Monitor well MW-210 MD was set beneath one void and into a second. These voids/lost circulation zones were encountered at 45.9 feet and 52 feet below land surface. During the purging of this well, the water recovered after being properly purged was a light blue to green color, similar to the upper clay encountered. After approximately ten minutes, the water oxidizes and turns orange in color. This is similar to the clay that is encountered above the Floridan. The blue clay above the Floridan behaves in the same manner as the groundwater removed from this well. The analytical testing of the soil and resulting leachate study verified the theory submitted in Gulf Power's letter dated June 26, 1995 that the clay was the source of nickel.

Plant Scholz has been in operation since 1954. Over eight years of plant discharge values for nickel have been reviewed and presented which clearly illustrates that the ash pond is not the source of nickel. All analytical test results have been non-detect. An additional ash pond discharge sample was collected on June 2, 1998 to verify the previous data with a current analytical test. This sample was also non-detect.

A thorough search for possible sources was conducted on two separate occasions and no source material, which has likely impacted the soils at this site, were found. Nickel is used due to its corrosion resistance. Therefore, the shelby tube sampler and equipment at Plant Scholz are not plausible sources.

The coal pile was also evaluated by sampling monitor well MW-1 from the former lighter oil cleanup site. This well is located hydraulically located downgradient of the coal pile and was sampled for nickel on June 19, 1998. The result was non-detect.

Nickel has been detected in the Apalachicola River sediments between levels from non-detect to a high of 11 mg/kg. The average values at the various sampling stations have ranged from 2.02 to 6.4 mg/kg. In review of the sediment testing, higher levels are encountered upgradient of the plant site for nickel.

It is my professional opinion that reasonable assurance has been provided to the Department in this report, and site operations are not the source of the nickel being detected in monitor well MW-210MD. All data points to the fact that natural sediments on-site contain nickel and are contributing to the levels being detected in MW-210MD.

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TABLE 1

Well 103	Compliance Chloride mg/l	(Floridan) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	8.1	11	83	NS	6.7	0.32	550	10.68	BDL
2/28/94	6.4	1.7	45	NS	6.8	BDL	380	5.89	BDL
12/9/93	5.9	20	31	240	6.9	3	340	14.19	0.045
12/10/93	6.8	1.3	45	240	6.8	BDL	450	15.7	BDL
7/29/93	6.8	1.3	45	240	6.8	BDL	450	15.7	BDL
5/27/93	6	0.3	31	190	7.1	BDL	340	11.96	BDL
3/19/93	12	0.51	66	300	6.7	BDL	450	10.33	BDL
12/30/92	8.7	13	57	290	6.4	0.16	450	5.69	BDL
7/30/92	18	3.3	51	260	6.9	BDL	375	14.32	0.021
5/15/92	6.6	2.1	54	290	7	BDL	450	14.39	BDL
3/3/92	14	3.5	48	480	6.6	0.062	670	4.33	BDL
12/6/91	8.3	5.2	50	280	7.1	0.2	410	13.5	0.096
7/17/91	11	33	160	490	6.6	0.12	650	10.73	BDL
5/24/91	14	24	214	579	5.39	100	650	7.86	BDL
2/6/91	58	0.97	58	288	6.91	BDL	405	4.06	BDL
11/20/90	9	4.8	124	412	6.56	BDL	700	15.86	BDL
8/17/90	10	28	106	363	6.68	BDL	365	16.5	BDL
4/26/90	7	11	55	275	6.75	0.5	507	12.1	BDL
2/1/90	9	4.5	68	302	6.6	BDL	786	3.9	BDL
12/19/89	10	46	100	374	6.54	BDL	875	7.7	BDL
7/26/88	6	1.5	20	255	6.63	BDL	410	16.7	0.1
5/18/88	6	0.18	30	262	6.81	BDL	352	13.4	BDL
3/3/88	4	0.67	3	211	6.9	BDL	318	8	BDL

Well 103A	Intermediate Chloride mg/l	(Surficial) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	4.9	23	21	NS	6.7	13	330	5.16	BDL
2/28/94	6.6	6.4	26	NS	6.6	2.4	480	7.34	BDL
12/9/93	4.5	180	26	450	6.8	120	160	13.7	0.057
12/10/93	6.3	260	56	300	6.5	170	450	14.18	0.091
7/29/93	6.3	260	56	300	6.5	170	450	14.18	0.091
5/27/93	5.7	21	33	220	6.6	11	460	9.12	BDL
3/19/93	7.3	0.33	24	190	6.3	0.094	260	1.15	BDL
12/30/92	7	1.7	49	310	6.4	0.11	320	2.79	BDL
7/30/92	11	88	25	260	6.5	47	379	12.29	BDL
5/15/92	5.7	21	55	390	6.6	12	550	9.7	BDL
3/3/92	7.7	2.2	57	300	6.6	1.7	390	2.42	BDL
12/6/91	7.3	160	55	230	7.3	180	320	12.57	0.23
7/17/91	5.6	10	64	380	6.6	2.6	540	4.96	BDL
5/24/91	5	3.2	60	383	6.23	140	480	3.26	BDL
2/6/91	14	7.7	110	507	6.6	BDL	700	3.86	BDL
11/20/90	D	R	Y		W	E	L	L	
8/17/90	D	R	Y		W	E	L	L	
4/26/90	10	20	62	421	6.64	BDL	654	7.1	BDL
2/1/90	9	3.4	60	323	6.68	BDL	426	2.35	BDL
12/19/89	15	11	80	592	6.22	BDL	615	5.9	BDL
7/26/88	D	R	Y		W	E	L	L	
5/18/88	12	0.74	40	468	6.26	BDL	638	10.4	BDL
3/3/88	8	6.5	100	439	7.2	0.5	769	3.7	BDL

Well 104	Compliance Chloride mg/l	(Floridan) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	NS	NS	NS	NS	NS	NS	NS	NS	NS
2/28/94	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/9/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/10/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/29/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/27/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/19/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/30/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/30/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/15/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/3/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/6/91	7.3	1	5.8	160	7.7	1.3	300	58.8	0.056
7/17/91	5.2	0.21	3.1	160	7.7	0.27	240	55.87	BDL
5/24/91	4.4	0.37	3	221	7.94	290	220	54	BDL
2/6/91	6	0.75	21	187	8.01	1.1	268	51	BDL
11/20/90	5	BDL	BDL	153	7.79	BDL	230	61.5	BDL
8/17/90	4	0.38	BDL	193	7.91	BDL	225	60.64	BDL
4/26/90	6	0.65	3	178	7.8	0.9	262	57.2	BDL
2/1/90	7	0.76	3.1	175	7.84	1.1	252	24.7	BDL
12/19/89	10	0.33	1.4	37	7.53	BDL	245	54.3	BDL
7/26/88	5	0.19	3	148	7.42	BDL	270	61.3	BDL
5/18/88	5	0.02	2	153	7.62	BDL	244	57.7	BDL
3/3/88	5	0.13	2	134	6.74	BDL	312	55.5	BDL

Well 104B	Compliance Chloride mg/l	(Surficial) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	11	2.2	2.7	NS	6.3	3.6	90	2.87	BDL
2/28/94	16	0.71	4.7	NS	6.1	0.89	70	3.36	BDL
12/9/93	13	0.32	4.3	52	5.6	0.39	80	5.41	BDL
12/10/93	9.5	0.12	2.3	52	5.2	0.098	72	4.85	BDL
7/29/93	9.5	0.12	2.3	52	5.2	0.098	72	4.85	BDL
5/27/93	9.6	2.4	2.9	36	5.6	2.9	78	5.96	BDL
3/19/93	12	0.79	5.3	49	6	1.1	60	2.7	BDL
12/30/92	13	1.7	2	82	6	2.4	69	3.01	BDL
7/30/92	18	1.3	4.1	39	5.7	2.1	360	5.33	BDL
5/15/92	8.4	9.2	6.2	71	6.3	12	90	6.08	BDL
3/3/92	8.6	0.68	4.9	51	5.9	1.1	68	2.87	BDL
12/6/91	10	8.5	3.7	49	5.9	12	74	5.43	BDL
7/17/91	8.9	0.16	2.7	50	5.8	0.16	60	2.78	BDL
5/24/91	7.8	0.11	1.8	37	5.88	1.2	80	2.98	BDL
2/6/91	10	0.08	9.1	74	6.82	BDL	75	3	BDL
11/20/90	10	BDL	BDL	64	6.34	BDL	70	8	BDL
8/17/90	9	BDL	2	82	6.04	BDL	90	8.52	BDL
4/26/90	10	0.8	3	63	6.47	1.1	74	4.45	BDL
2/1/90	10	0.23	2.3	76	5.83	BDL	73	2.85	BDL
12/19/89	6	0.71	2.1	151	5.79	BDL	65	2.8	BDL
7/26/88	9	0.21	3	67	6.72	BDL	95	6.5	BDL
5/18/88	7	0.09	BDL	43	5.62	BDL	77	6.7	BDL
3/3/88	5	0.03	7	64	6.41	BDL	81	3.2	BDL

Well 105	Background Chloride mg/l	(Floridan) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	3.7	0.035	2	NS	8.5	BDL	200	76.2	BDL
2/28/94	3.8	BDL	2	NS	7.2	BDL	200	77.21	BDL
12/9/93	3.9	0.054	4.1	130	7.1	0.052	200	82.56	BDL
12/10/93	4	BDL	2.7	130	7.4	BDL	210	82.31	BDL
7/29/93	4	BDL	2.7	130	7.4	BDL	210	82.31	BDL
5/27/93	4.3	2.1	1.9	72	7.8	3.4	200	79.25	BDL
3/19/93	18	0.039	3.3	120	7.4	BDL	200	73.25	BDL
12/30/92	5.4	BDL	BDL	140	7.2	BDL	200	75.55	BDL
7/30/92	12	1.2	3.3	130	7.8	2	60	80.8	BDL
5/15/92	4	3	4.9	130	8.1	5	205	80.02	BDL
3/3/92	4.1	0.13	4.1	110	7.9	0.24	200	74.02	BDL
12/6/91	4.6	3.1	3.7	110	7.8	4.5	220	81.61	0.13
7/17/91	2.9	3.8	4.7	140	7.9	4.4	160	77.23	BDL
5/24/91	4.8	2.5	214	179	8.11	1.6	185	76.24	BDL
2/6/91	5	0.39	10.3	123	7.22	BDL	190	74.66	BDL
11/20/90	3	0.32	BDL	125	7.59	0.73	180	84	BDL
8/17/90	6	0.36	2	160	7.68	1	175	83.62	BDL
4/26/90	4	0.26	3	130	7.8	BDL	212	79.4	BDL
2/1/90	4	0.6	1.8	122	7.97	BDL	199	75.7	BDL
12/19/89	3	0.31	BDL	104	7.29	BDL	185	78	BDL
7/26/88	4	0.18	BDL	107	7.47	BDL	200	82.9	BDL
5/18/88	4	BDL	BDL	108	7.75	BDL	222	80	BDL
3/3/88	3	0.33	3	119	6	0.5	224	77	BDL

Well 105A	Background Chloride mg/l	(Surficial) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	4.2	1.3	2.5	NS	6.5	BDL	40	5.3	BDL
2/28/94	5.2	3.4	2.7	NS	5.3	1.5	30	8.18	BDL
12/9/93	5.4	0.27	BDL	47	6	BDL	33	15.67	BDL
12/10/93	6.3	0.097	1.6	30	5.4	BDL	35	14.82	BDL
7/29/93	6.3	0.097	1.6	30	5.4	BDL	35	14.82	BDL
5/27/93	6	0.3	31	190	7.1	BDL	340	11.96	BDL
3/19/93	12	0.26	3.9	20	6.2	BDL	30	4.72	BDL
12/30/92	6.2	0.3	BDL	40	5.4	BDL	31	9.5	BDL
7/30/92	18	1.8	2.5	23	5.5	0.6	23	11.95	BDL
5/15/92	6.6	1.1	4.1	34	5.4	0.31	32	11.32	BDL
3/3/92	5	2.7	3.7	34	5.8	0.73	51	6.16	BDL
12/6/91	6.9	4.4	2.9	22	6	1.7	38	15.2	0.086
7/17/91	4.2	3.7	BDL	14	5.8	0.43	30	5.64	BDL
5/24/91	6.6	2.1	BDL	18	6.03	0.6	45	5.8	BDL
2/6/91	11	0.42	4.1	71	5.74	BDL	50	5.22	BDL
11/20/90	5	BDL	BDL	37	5.5	BDL	44	16.5	BDL
8/17/90	7	1.2	2	33	4.75	BDL	32	15.64	BDL
4/26/90	10	0.44	1	25	5.59	BDL	37	12.1	BDL
2/1/90	7	1.3	1.7	26	5.6	BDL	42	10	BDL
12/19/89	5	0.27	BDL	3	5.43	BDL	33	12.7	BDL
7/26/88	5	0.19	BDL	26	7.08	BDL	40	13.8	BDL
5/18/88	4	0.21	BDL	25	6.54	BDL	32	12	BDL
3/3/88	4	0.67	3	211	6.9	BDL	318	8	BDL

Well 110	Intermediate	(Surficial)							
	Chloride	Iron	Sulfate	TDS	pH	Aluminum	Specific C.	Water Level	Nickel
	mg/l	mg/l	mg/l	pci/l	mg/l	mg/l	umhos/cm	ft.	mg/l
4/26/94	4.1	19	5.3	NS	6.5	5.7	270	7.4	BDL
2/28/94	7.2	11	BDL	NS	7	5	200	7.5	BDL
12/9/93	8.5	0.77	BDL	210	7.1	0.32	360	8.27	BDL
12/10/93	5.5	2.1	1.6	200	6.9	0.18	400	7.76	BDL
7/29/93	5.5	2.1	1.6	200	6.9	0.18	400	7.76	BDL
5/27/93	4.8	3.5	6.2	170	6.7	0.8	350	8.45	BDL
3/19/93	7.3	2.1	11	140	6.7	2.2	180	6.27	BDL
12/30/92	6.2	9.1	4.1	200	6.7	14	340	3.06	BDL
7/30/92	15	12	5.7	180	6.7	6.8	290	8.24	0.014
5/15/92	4.8	9.1	3.7	170	6.8	7.2	300	8.4	BDL
3/3/92	3.6	8.2	3.3	160	6.9	5	280	7.39	BDL
12/6/91	7.8	20	2.5	300	7	28	560	8.58	0.14
7/17/91	6.2	72	10	240	6.9	59	330	6.62	0.028
5/24/91	5.2	2.5	26	238	6.41	10	360	7.31	BDL
2/6/91	7	1.1	232	199	7.02	0.568	270	7.36	BDL
11/20/90	22	1.2	18	426	7.39	BDL	818	8.7	BDL
8/17/90	15	4.3	2	387	6.94	1	600	8.5	BDL
4/26/90	9	2	6.4	298	6.65	BDL	445	8.35	BDL
2/1/90	5	4.8	6.4	248	7.1	1	353	8.25	BDL
12/19/89	10	26	3.5	221	7.01	2.8	386	7.9	BDL
7/26/88	9	0.88	2	450	5.72	0.5	600	7.9	BDL
5/18/88	6	0.18	30	262	6.81	BDL	352	13.4	BDL
3/3/88	4	0.67	3	211	6.9	BDL	318	8	BDL

Well 110A	Compliance	(Floridan)							
	Chloride	Iron	Sulfate	TDS	pH	Aluminum	Specific C.	Water Level	Nickel
	mg/l	mg/l	mg/l	pci/l	mg/l	mg/l	umhos/cm	ft.	mg/l
4/26/94	6.1	0.051	110	NS	7.2	BDL	650	45.26	BDL
2/28/94	5.9	BDL	110	NS	7.2	BDL	460	41	BDL
12/9/93	6.3	0.03	120	380	7.2	BDL	510	48.03	BDL
12/10/93	6.5	0.31	130	380	7.4	BDL	530	49.6	BDL
7/29/93	6.5	0.31	130	380	7.4	BDL	530	49.6	BDL
5/27/93	7.6	3.7	260	560	7.1	0.36	850	46.51	BDL
3/19/93	12	BDL	170	430	7.4	BDL	680	35.36	BDL
12/30/92	7.9	1.2	190	460	6.7	BDL	690	39.19	BDL
7/30/92	16	2.4	250	580	7.1	0.031	700	49.93	BDL
5/15/92	5.7	2.5	200	560	7.4	0.3	750	49.15	BDL
3/3/92	4.1	0.76	210	490	7.2	0.2	690	38.58	BDL
12/6/91	7.8	4.1	210	500	7.4	0.64	730	47.94	0.091
7/17/91	2.4	34	170	480	7.6	1.4	670	47.9	BDL
5/24/91	5	0.06	234	458	7.37	BDL	550	42.67	BDL
2/6/91	9	16	210	419	7.36	BDL	550	37.66	BDL
11/20/90	10	0.35	145	382	7.35	BDL	575	49.08	BDL
8/17/90	18	1.2	169	468	7.06	BDL	700	19.9	BDL
4/26/90	7	0.77	138	376	7.34	BDL	641	46	BDL
2/1/90	7	0.4	128	339	7.37	BDL	588	36.5	BDL
12/19/89	9	1.3	96	295	7.04	BDL	596	40.9	BDL
7/26/88	6	3.7	250	416	6.7	BDL	500	50.8	BDL
5/18/88	16	0.11	70	446	7.04	BDL	562	47	BDL
3/3/88	4	0.07	130	420	6.26	BDL	653	46	BDL

Well 112	Compliance Chloride mg/l	(Floridan) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	9.5	0.059	110	NS	7.5	BDL	600	23.48	BDL
2/28/94	9	BDL	84	NS	7.2	BDL	550	20.66	BDL
12/9/93	8.6	BDL	81	330	7.2	BDL	500	27.15	BDL
12/10/93	8.6	BDL	81	330	7.2	BDL	500	27.15	BDL
7/29/93	8.6	BDL	76	320	7.3	BDL	530	28.05	BDL
5/27/93	8.2	BDL	73	270	7.3	BDL	510	25.16	BDL
3/19/93	12	BDL	78	300	7.2	BDL	470	15.47	BDL
12/30/92	10	0.094	86	340	6.8	0.14	490	18.87	BDL
7/30/92	15	0.093	62	270	7.3	0.098	345	27.11	BDL
5/15/92	7	1.3	110	280	7.4	1.6	460	27	BDL
3/3/92	11	0.044	120	500	7.1	0.09	720	17.43	BDL
12/6/91	11	0.72	110	350	7.3	0.69	610	26.67	0.085
7/17/91	11	3.1	180	550	6.7	2.6	820	23.22	0.023
5/24/91	8.5	2.7	263	563	7.04	3.1	700	20.86	0.022
2/6/91	15	0.42	200	502	7.29	0.59	715	17.68	BDL
11/20/90	12	0.75	249	617	7.2	0.7	800	28.54	BDL
8/17/90	9	0.2	96	353	7.2	BDL	628	25	BDL
4/26/90	10	0.3	143	446	7.28	BDL	503	17.6	BDL
2/1/90	9	1.3	96	295	7.04	BDL	596	40.9	BDL
12/19/89	12	0.24	165	499	7.16	0.8	605	20.8	BDL
7/26/88	11	BDL	180	527	6.66	BDL	800	28.2	BDL
5/18/88	6	BDL	3	270	7.06	BDL	384	26.1	BDL
3/3/88	7	0.08	110	392	6.48	BDL	662	24	BDL

Well 112A	Compliance Chloride mg/l	(Surficial) Iron mg/l	Sulfate mg/l	TDS pci/l	pH mg/l	Aluminum mg/l	Specific C. umhos/cm	Water Level ft.	Nickel mg/l
4/26/94	NS	NS	NS	NS	NS	NS	NS	NS	NS
2/28/94	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/9/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/10/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/29/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/27/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/19/93	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/30/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/30/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/15/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/3/92	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/6/91	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/17/91	1.2	3.3	14	77	6.3	2.2	110	2.54	BDL
5/24/91	6	23	24	101	6.61	190	120	3.96	0.08
2/6/91	10	0.14	58	111	6.45	BDL	130	4.04	BDL
11/20/90	D	R	Y		W	E	L	L	
8/17/90	D	R	Y		W	E	L	L	
4/26/90	D	R	Y		W	E	L	L	
2/1/90	10	0.24	78	446	5.08	BDL	109	4.6	BDL
12/19/89	D	R	Y		W	E	L	L	
7/26/88	D	R	Y		W	E	L	L	
5/18/88	D	R	Y		W	E	L	L	
3/3/88	8	0.18	33	112	6.52	BDL	152	4	BDL

SCHOLZ PLANT GROUNDWATER MONITORING PLAN

TABLE 2

Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.
MW-203S	8/3/94	<0.0050	<0.010	18	37	3.1	21	NS	6.5	2.3	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	4.7
MW-203S	11/7/94	<0.0050	0.083	11	94	4	27	NS	6.5	49	0.028	0.032	<0.00020	0.0027	10.5+/-2.4	2.9+/-0.15	NS	NS	450	NS	10.27
MW-203S	1/10/95	<0.0050	<0.010	5.3	27	2.9	29	NS	6.4	1.9	<0.020	<0.0050	<0.00020	<0.0020	3.4+/-1.6	NS	NS	NS	350	NS	10.04
MW-203S	4/26/95	<0.0050	0.016	6.8	70	3.4	23	240	6.4	12	<0.020	0.0080	<0.00020	<0.0020	2.7+/-2.0	NS	NS	3.8+/-3.0	430	110	10.29
MW-203S	7/26/95	<0.0050	0.048	15	84	3.2	20	230	6.8	19	0.027	0.011	<0.00020	<0.0020	<2.0	NS	NS	4.5+/-3.1	450	91	15.41
MW-203S	10-17-95	<0.0050	<0.010	11	38	3	28	220	6.5	5.7	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	500	240	14.51
MW-203S	1/11/96	<0.0050	0.016	6.5	54	4.2	38	290	6.8	9.4	<0.020	0.0067	<0.00020	<0.0020	3.6+/-5.1	NS	NS	4.3+/-3.3	490	290	10.2
MW-203S	4/11/96	<0.0050	0.011	10	54	3.1	14	260	6.4	2.6	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	480	330	5.62
MW-203S	7/24/96	<0.0050	0.14*	8.1	190	3	23	210	6.4	75	0.062	0.044*	0.0003	0.0037	4.0+/-4.1	NS	NS	4.6+/-2.8	430	780	15.5
MW-203S	9/1/96	NS	<0.0005	NS	NS	NS	NS	NS	NS	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-203S	11/13/96	<0.0050	0.018	7.5	52	3.8	34	280	6.8	9.1	<0.020	0.006	<0.00020	<0.0020	<3.0	NS	NS	4.6+/-3.6	500	13	14.25
MW-203S	1/28/97	<0.0050	0.027	14	46	4.2	42	270	6.2	3.5	0.041	<0.0050	<0.00020	<0.0020	4.3+/-6.3	NS	NS	<4.0	460	240	8.56
MW-203S	4/29/97	<0.0050	<0.010	11	57	3.8	35	280	6.5	3.1	<0.020	<0.0050	<0.00020	<0.0020	3.0+/-3.6	NS	NS	<4.0+/-2.3	470	100	6.76
MW-203S	7/22/97	<0.0050	0.017	8	58	3.5	29	260	6.7	0.86	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.9	NS	NS	<4.0+/-2.2	490	2.4	11.61
MW-203S	11/10/97	<0.0050	<0.010	8.9	56	3.3	35	250	5.8	1.6	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.7	NS	NS	<4.0+/-2.5	400	120	10.07
MW-203S	1/27/98	<0.0050	<0.010	6.4	15	2.8	28	220	6.2	0.33	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.5	NS	NS	<4.0+/-1.8	250	260	4.07
MW-203MD	8/3/94	<0.0050	<0.010	11	6.6	1	62	NS	7.2	0.33	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	10.71
MW-203MD	11/7/94	<0.0050	<0.010	6.7	1.8	0.96	59	NS	6.7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	2.4+/-1.5	NS	NS	NS	440	NS	15.03
MW-203MD	1/10/95	<0.0050	<0.010	5.6	2.7	0.73	46	NS	6.8	0.29	<0.020	<0.0050	<0.00020	<0.0020	2.3+/-1.5	NS	NS	NS	390	NS	12.57
MW-203MD	4/26/95	<0.0050	<0.010	7.4	7.8	1.2	55	270	6.6	0.36	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	450	47	14.9
MW-203MD	7/26/95	<0.0050	<0.010	5.8	9.7	0.58	36	230	6.7	2.6	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.9+/-3.3	390	63	18.76
MW-203MD	10/17/95	<0.0050	<0.010	6.9	1.8	0.76	45	250	6.9	1.4	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	380	41	16.65
MW-203MD	1/11/96	<0.0050	<0.010	6.8	6.2	0.85	33	250	6.9	0.74	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	370	57	11.89
MW-203MD	4/11/96	<0.0050	<0.010	7.2	10	1.1	58	300	6.6	1.8	<0.020	<0.0050	<0.00020	<0.0020	4.6+/-7.8	NS	NS	4.9+/-3.6	500	140	11.24
MW-203MD	7/24/96	<0.0050	<0.010	6.6	1.2	0.48	28	200	6.9	0.29	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	540	42	18.59
MW-203MD	11/13/96	<0.0050	<0.010	6.5	2.4	3.8	34	250	6.7	0.26	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	460	2.1	18.12
MW-203MD	1/28/97	<0.0050	<0.010	7.2	7.6	1.1	45	270	6.6	0.88	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	430	86	10.91
MW-203MD	4/29/97	<0.0050	<0.010	6.5	1.6	1	52	280	6.7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-4.7	NS	NS	<4.0+/-1.8	460	48	9.36
MW-203MD	7/22/97	<0.0050	<0.010	6.1	2.8	1.4	49	290	6.8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-3.0	NS	NS	<4.0+/-2.3	500	98	16.26
MW-203MD	11/10/97	<0.0050	<0.010	6.5	3.4	1.4	51	280	6.1	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.3	NS	NS	<4.0+/-2.1	400	6.6	15.33
MW-203MD	1/27/98	<0.0050	<0.010	6.1	2.2	1.4	48	290	6.3	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-3.5	NS	NS	<4.0+/-2.1	370	2.4	6.01
MW-204S	8/3/94	<0.0050	<0.010	11	10	1.2	100	NS	6.9	3.7	<0.020	<0.0050	<0.00020	<0.0020	2.2+/-3.2	NS	NS	NS	550	NS	9.21
MW-204S	11/7/94	<0.0050	<0.010	12	9.7	1.5	120	NS	6.4	0.79	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	550	NS	9.93
MW204S	1/10/95	<0.0050	<0.010	12	13	1.4	120	NS	6.5	7.4	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	9.59
MW-204S	4/26/95	<0.0050	<0.010	11	10	1.2	110	370	6.5	3.5	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	6.0+/-3.0	490	72	9.72
MW-204S	7/26/95	<0.0050	<0.010	8.8	11	1.4	120	380	7.3	0.86	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	8.6+/-4.3	380	20	9.71
MW-204S	10/17/95	<0.0050	0.011	14	16	1.5	130	390	6.5	6.7	<0.020	0.0068	<0.00020	<0.0020	5.2+/-6.7	0.76+/-0.07	NS	6.6+/-3.7	600	170	9.52
MW-204S	1/11/96	<0.0050	<0.010	13	8.2	1.3	140	390	6.6	0.51	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.7+/-3.7	550	22	9.09
MW-204S	4/11/96	<0.0050	<0.010	10	9.4	1.2	110	350	6.4	2.9	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	4.0+/-3.2	600	88	9.3
MW-204S	7/24/96	<0.0050	<0.010	12	9	1.5	120	360	6.5	0.52	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	700	11	9.91
MW-204S	11/13/96	<0.0050	<0.010	13	8	1.4	120	370	6.4	0.81	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	6.0+/-3.9	580	18	9.8
MW-204S	1/28/97	<0.0050	<0.010	11	6.7	1.2	98	330	6.4	<0.10	<0.020	<0.0050	0.00043	<0.0020	<3.0	NS	NS	4.9+/-3.9	520	22	8.94
MW-204S	4/29/97	<0.0050	<0.010	12	8.2	1.4	91	340	6.5	0.25	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-3.0	NS	NS	<4.0+/-3.0	410	19	8.61
MW-204S	7/22/97	<0.0050	<0.010	12	9.2	1.5	100	350	6.8	0.3	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-4.0	NS	NS	4.6+/-3.4	480	11	9.21
MW-204S	11/10/97	<0.0050	<0.010	15	7.6	1.3	99	360	6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.4	NS	NS	<4.0+/-3.4	500	15	8.92
MW-204S	1/27/98	<0.0050	<0.010	9	8.3	1.3	68	320	6.6	0.2	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-3.0	NS	NS	4.6+/-2.5	350	98	8.46

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TABLE 2 (CONT.)
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Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.
MW-204MD	8/3/94	<0.0050	<0.010	5	0.1	0.039	5.3	NS	8.3	0.12	<0.020	<0.0050	<0.00020	<0.0020	2.4+/-0.8	NS	NS	NS	260	NS	54.3
MW-204MD	11/7/94	<0.0050	<0.010	8.1	0.057	0.026	2.7	NS	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	240	NS	58.35
MW-204MD	1/10/95	<0.0050	<0.010	4.1	0.7	0.037	8.8	NS	8.1	1.5	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	240	NS	56.58
MW-204MD	4/26/95	<0.0050	<0.010	4.5	0.42	0.031	7.8	140	8.1	0.8	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	4.0+/-2.0	260	11	58.33
MW-204MD	7/26/95	<0.0050	<0.010	3.7	0.14	0.018	4.3	150	6.5	0.26	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	600	20	60.99
MW-204MD	10/17/95	<0.0050	<0.010	5.5	1.7	0.055	6	140	8	3.2	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	240	49	59.81
MW-204MD	1/11/96	<0.0050	0.011	5.9	2	0.072	7.6	160	6.9	3.7	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	220	44	56.26
MW-204MD	4/11/96	<0.0050	<0.010	4.9	0.17	<0.010	6	150	7.2	0.33	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	250	11	55.44
MW-204MD	7/24/96	<0.0050	<0.010	7.4	1.1	0.049	4.7	140	8	1.8	0.021	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	270	27	60.83
MW-204MD	11/13/96	<0.0050	<0.010	5.3	0.3	<0.010	4.9	140	8	0.5	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	250	17	61.32
MW-204MD	1/28/97	<0.0050	<0.010	4.9	0.73	0.032	4.5	140	7.9	1.2	<0.020	<0.0050	0.00057	<0.0020	<3.0	NS	NS	<4.0	240	65	55.74
MW-204MD	4/29/97	<0.0050	<0.010	4.9	0.04	<0.010	5.3	140	7.8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.6	NS	NS	<4.0+/-1.4	200	5.8	55.52
MW-204MD	7/22/97	<0.0050	<0.010	5.5	0.12	<0.010	8.2	150	7	0.18	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.4	NS	NS	<4.0+/-1.6	250	32	59.52
MW-204MD	11/10/97	<0.0050	<0.010	4.7	0.08	<0.010	<5.0	120	7	0.11	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.5	NS	NS	<4.0+/-1.4	210	5.7	58.55
MW-204MD	1/27/98	<0.0050	<0.010	4.6	0.036	<0.010	<5.0	140	7.6	0.15	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.2	NS	NS	<4.0+/-1.4	180	18	51.15
MW-205S	8/3/94	<0.0050	<0.010	4.3	0.31	<0.010	3.5	NS	5.4	0.12	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	25	NS	5.8
MW-205S	11/7/94	<0.0050	<0.010	6.6	0.26	<0.010	<1.0	NS	5.3	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	40	NS	9.61
MW-205S	1/10/95	<0.0050	<0.010	4.7	0.53	0.01	1.4	NS	5.7	0.24	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	30	NS	12.58
MW-205S	4/26/95	<0.0050	<0.010	5.1	0.62	0.01	3.3	24	5.3	0.24	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	30	9.3	11.5
MW-205S	7/26/95	<0.0050	<0.010	4.3	1.3	0.015	<1.0	34	6	0.54	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	40	17	15.65
MW-205S	10/17/95	<0.0050	<0.010	5.5	3.9	0.029	3.9	24	5.5	1.6	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	40	28	17.18
MW-205S	1/11/96	<0.0050	<0.010	5.9	5.1	0.043	3.1	36	5.3	2.2	<0.020	0.0057	<0.00020	<0.0020	<3.0	NS	NS	<4.0	30	21	15.85
MW-205S	4/11/96	<0.0050	<0.010	4.9	0.41	<0.010	1	29	5.9	0.15	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	62	4.9	8.68
MW-205S	7/24/96	<0.0050	<0.010	5.7	0.36	<0.010	<1.0	21	5.7	0.16	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	40	3.2	16.91
MW-205S	11/13/96	<0.0050	<0.010	5.1	0.2	<0.010	1.8	12	5.8	0.01	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	34	4.2	15.52
MW-205S	1/28/97	<0.0050	0.016	5.7	0.3	<0.010	<1.0	20	5.4	<0.10	0.045	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	32	15	15.07
MW-205S	4/29/97	<0.0050	<0.010	4.5	0.088	<0.010	1.2	16	5.2	0.16	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.1	NS	NS	<4.0+/-1.1	20	67	12.09
MW-205S	7/22/97	<0.0050	<0.010	4	0.28	<0.010	1	22	5.3	0.17	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.1	NS	NS	<4.0+/-1.2	30	3.5	13.36
MW-205S	11/10/97	<0.0050	<0.010	5	0.54	<0.010	<5.0	9	5.3	0.15	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-0.64	NS	NS	<4.0+/-1.2	20	8.3	10.72
MW-205S	1/27/98	<0.0050	<0.010	5.1	0.12	<0.010	<5.0	30	5.4	0.1	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.1	NS	NS	<4.0+/-1.1	30	3.6	7.47
MW-205MD	8/3/94	<0.0050	<0.010	4.1	0.051	<0.010	1.8	NS	8.3	0.1	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	220	NS	75.82
MW-205MD	11/7/94	<0.0050	<0.010	4.3	0.29	0.013	1.9	NS	8.7	0.66	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	190	NS	78.27
MW-205MD	1/10/95	<0.0050	<0.010	3.7	0.13	<0.010	1.6	NS	8.4	0.26	<0.020	<0.0050	<0.00020	<0.0020	2.3+/-1.2	NS	NS	NS	200	NS	78.78
MW-205MD	4/26/95	<0.0050	<0.010	4.5	0.4	0.018	<1.0	110	8.8	0.26	<0.020	<0.0050	<0.00020	<0.0020	3.2+/-1.2	NS	NS	<2.0	220	100	79.39
MW-205MD	7/26/95	<0.0050	<0.010	2.9	0.046	<0.010	<1.0	110	8.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.2+/-1.8	210	3	82.05
MW-205MD	10/17/95	<0.0050	<0.010	4.1	0.15	<0.010	2.7	120	8.4	0.2	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	200	29	82.21
MW-205MD	1/11/96	<0.0050	0.015	3.8	0.43	0.025	1.8	130	8.2	0.72	<0.0020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	170	30	80.21
MW-205MD	4/11/96	<0.0050	<0.010	3.9	0.064	<0.010	1	120	8.9	0.12	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	210	16	76.65
MW-205MD	7/24/96	<0.0050	<0.010	4.8	0.051	<0.010	1.8	120	8.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	200	3.9	82.7
MW-205MD	11/13/96	<0.0050	0.026	4.3	0.23	<0.010	2.7	120	8.6	0.14	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	280	18	82.93
MW-205MD	1/28/97	<0.0050	<0.010	4.2	<0.030	<0.010	4.3	110	8.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	200	7.9	79.65
MW-205MD	4/29/97	<0.0050	<0.010	4	0.21	<0.010	<1.0	100	9.2	0.28	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.9	NS	NS	<4.0+/-1.4	180	20	80.33
MW-205MD	7/22/97	<0.0050	<0.010	3.1	0.12	<0.010	<1.0	61	11.3	0.29	<0.020	<0.0050	<0.00020	<0.0020	45+/-7.5	<0.6+/-0.06	NS	12+/-6.1	100	200	81.1
MW-205MD	9/30/97	NS	NS	NS	NS	NS	NS	NS	10.9	NS	NS	NS	NS	NS	<3.0+/-1.7	<0.6+/-0.04	<1.0+/-0.43	<4.0+/-1.6	800	32	
MW-205MD	11/10/97	<0.0050	<0.010	4.4	<0.030	<0.010	<5.0	100	8.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-0.97	NS	NS	<4.0+/-1.4	150	5.6	80.48
MW-205MD	1/27/98	<0.0050	<0.010	3.2	<0.030	<0.010	<5.0	98	10.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.8	NS	NS	4.2+/-1.7	470	24	74.38

3/24/98

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TABLE 2 (CONT.)
PAGE 3

Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.
MW-210S	8/3/94	<0.0050	<0.010	6.7	0.94	0.43	90	NS	7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	750	NS	9.1
MW-210S	11/7/94	<0.0050	<0.010	12	1.9	1	230	NS	7.1	<0.10	<0.020	<0.0050	<0.00020	<0.0020	7.8+/-4.6	0.63+/-0.9	NS	NS	900	NS	10.15
MW-210S	1/10/95	<0.0050	<0.010	13	1.5	1.9	260	NS	7.1	0.26	<0.020	<0.0050	<0.00020	<0.0020	6.7+/-3.8	0.6	NS	NS	850	NS	10.17
MW-210S	4/26/95	<0.0050	<0.010	8.3	1.4	1.7	160	520	7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	10+/-5.5	680	3.3	9.57
MW-210S	7/26/95	<0.0050	<0.010	15	2.9	2.2	300	760	6.7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	3.9+/-7.0	1000	7.7	9.36
MW-210S	10/17/95	<0.0050	<0.010	13	0.94	2.1	260	670	6.8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.7+/-5.4	700	7.8	9.43
MW-210S	1/11/96	<0.0050	<0.010	9.7	0.49	1.5	210	790	6.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.6+/-6.2	620	9.2	10.63
MW-210S	4/11/96	<0.0050	<0.010	9.5	0.6	1	210	700	7	0.012	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	7.8+/-6.0	1100	10	10.15
MW-210S	9/4/96	<0.0050	<0.010	6.9	1	0.69	80	520	6.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.8+/-5.5	870	30.4	9.12
MW-210S	11/13/96	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-210S	1/28/97	<0.0050	<0.010	7.7	0.36	1.2	76	510	7.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	5.2+/-6.2	NS	NS	8.0+/-7.5	690	66	9.68
MW-210S	4/29/97	<0.0050	<0.010	4	2.4	0.25	54	380	6.8	1.4	<0.020	<0.0050	<0.00020	0.0039	<3.0+/-6.0	NS	NS	<4.0+/-4.4	190	14	8.34
MW-210S	7/22/97	<0.0050	<0.010	10	4.8	1.6	52	570	6.9	0.96	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-5.9	NS	NS	6.4+/-5.3	900	36	10.53
MW-210S	11/10/97	<0.0050	<0.010	4.1	0.57	0.026	33	290	6.5	0.22	<0.020	<0.0050	<0.00020	0.0028	<3.0+/-1.9	NS	NS	<4.0+/-2.2	490	6.3	9.29
MW-210S	1/27/98	<0.0050	<0.010	4.1	1.9	0.17	44	360	7	1.3	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-3.6	NS	NS	<4.0+/-2.8	390	15	9.38
MW-210MD	8/3/94	<0.0050	<0.010	26	67	1.7	1100	NS	6.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	1900	NS	42.52
MW-210MD	11/7/94	<0.0050	<0.010	25	74	1.7	1200	NS	6.3	<0.10	0.17	<0.0050	< 0.00020	<0.0020	5.0+/-9.6	<0.6	NS	<0.6	2000	NS	46.15
MW-210MD	1/10/95	<0.0050	<0.010	27	71	1.7	1200	NS	6.3	<0.10	0.18	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	2000	NS	44.12
MW-210MD	4/26/95	<0.0050	<0.010	23	63	1.5	1000	1700	6.3	0.14	0.14	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	14+/-12	1700	29	46.66
MW-210MD	7/26/95	<0.0050	<0.010	27	87	2.1	1500	2400	6.3	<0.10	0.21	<0.0050	<0.00020	<0.0020	16+/-13	<0.6	NS	62+/-21	2200	7.4	49.71
MW-210MD	9/13/95	NS	NS	NS	NS	NS	NS	NS	7.3	NS	NS	NS	NS	NS	<3.0	NS	NS	<4.0	2000	NS	45.65
MW-210MD	10/17/95	<0.0050	<0.010	17	39	1.1	810	1300	6.4	0.2	0.11	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1400	21	48.08
MW-210MD	1/11/96	<0.0050	<0.010	17	36	1.1	830	1400	6.4	<0.10	0.082	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1400	30	46.01
MW-210MD	4/11/96	<0.0050	<0.010	13	23	0.7	580	980	6.5	<0.10	0.087	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1200	9.5	43.18
MW-210MD	7/24/96	<0.0050	<0.010	23	57	1.5	1100	1600	6.5	<0.10	0.14	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	2100	10	49.57
MW-210MD	11/13/96	<0.0050	<0.010	28	94	2	1500	2000	6.1	<0.10	0.17	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	2400	0.55	49.62
MW-210MD	1/28/97	<0.0050	<0.010	11	16	0.59	450	780	7.2	0.16	0.043	<0.0050	<0.00020	<0.0020	3.5+/-5.1	NS	NS	<4.0	920	9.5	42.3
MW-210MD	4/29/97	<0.0050	<0.010	11	20	0.66	470	860	6.5	<0.10	0.054	<0.0050	<0.00020	<0.0020	7.8+/-7.8	<0.6+/-0.04	NS	<4.0+/-4.8	1000	40	40.26
MW-210MD	7/22/97	<0.0050	<0.010	20	67	1.7	1100	1800	6.3	<0.10	0.15	<0.0050	<0.00020	<0.0020	<3.0+/-12	NS	NS	8.2+/-11	2000	15	47.94
MW-210MD	11/10/97	<0.0050	<0.010	19	47	1.3	960	1500	5.9	<0.10	0.11	<0.0050	<0.00020	<0.0020	15+/-9.5	NS	NS	<4.0+/-9.1	1400	13	48.17
MW-210MD	1/27/98	0.0051*	<0.010	17	47	1.4	880	1400	6.3	<0.10	0.12	<0.0050	<0.00020	<0.0020	14+/-12	NS	NS	<4.0+/-6.5	1300	2.5	37.51
MW-210MD	4/3/97	<0.0050	NS	NS	NS	NS	NS	NS	6.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	1100	5.36	43.12
MW-212MD	8/3/94	<0.0050	<0.010	7.3	0.11	<0.010	51	NS	7.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	380	NS	20.4
MW-212MD	11/7/94	<0.0050	<0.010	6.6	0.25	0.012	51	NS	7.5	0.47	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	390	NS	25.46
MW-212MD	1/10/95	<0.0050	<0.010	6.4	0.51	0.022	0.56	NS	7.4	1	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	380	NS	23.42
MW-212MD	4/26/95	<0.0050	<0.010	7.4	0.76	0.034	47	280	7.4	0.78	<0.020	<0.0050	<0.00020	<0.0020	6.2+/-1.4	<0.6	NS	<2.0	400	29	25.47
MW-212MD	7/26/95	<0.0050	<0.010	6.5	0.12	<0.010	33	220	7.9	0.15	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	340	4.9	28.07
MW-212MD	10/17/95	<0.0050	0.018	7.9	4.5	0.12	45	230	7.5	7.4	<0.020	0.0063	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	300	27.17
MW-212MD	1/11/96	<0.0050	<0.010	6.4	0.23	0.014	41	250	7.6	0.37	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	4.4	23.26
MW-212MD	4/11/96	<0.0050	<0.010	7.1	0.52	0.027	48	270	7.2	0.8	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	430	31	22.2
MW-212MD	7/24/96	<0.0050	<0.010	6.8	0.59	0.041	29	200	7.8	0.9	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	360	28	28.48
MW-212MD	11/13/96	<0.0050	<0.010	6.4	0.057	<0.010	31	230	7.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	7.8	28.4
MW-212MD	1/28/97	<0.0050	0.012	6	0.33	0.027	46	240	7.3	0.38	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	380	25	22.71
MW-212MD	4/29/97	<0.0050	<0.010	7	0.16	0.014	38	230	7.5	0.3	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.1	NS	NS	<4.0+/-1.8	370	84	22.34
MW-212MD	7/22/97	<0.0050	<0.010	5.6	0.82	0.057	28	210	7	0.91	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-2.5	NS	NS	<4.0+/-1.6	320	18	26.92
MW-212MD	11/10/97	<0.0050	<0.010	6.3	0.26	0.028	31	190	7	0.36	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.9	NS	NS	<4.0+/-1.5	270	29	25.86
MW-212MD	1/27/98	<0.0050	<0.010	6.4	0.12	0.015	38	240	7.2	0.2	<0.020	<0.0050	<0.00020	<0.0020	7.1+/-4.0	NS	NS	<4.0+/-2.1	310	4.8	18.01

TABLE 2 (CONT.)
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Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.
WSW-2	08-03-94	<0.0050	<0.010	36	0.05	<0.010	14	NS	7.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	320	NS	NA
WSW-2	11-07-94	<0.0050	<0.010	21	<0.030	<0.010	13	NS	7.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	NS	NA
WSW-2	01-10-95	<0.0050	<0.010	22	0.036	<0.010	15	NS	7.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	NS	NA
WSW-2	04-26-95	<0.0050	<0.010	17	<0.030	<0.010	15	160	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	NS	NA
WSW-2	07-26-95	<0.0050	<0.010	19	<0.030	<0.010	2.7	160	8.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	0.11	NA
WSW-2	10-17-95	<0.0050	<0.010	19	0.038	<0.010	11	170	7.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.6+/-1.9	350	1.1	NA
WSW-2	01-11-96	<0.0050	<0.010	25	<0.030	<0.010	2.3	180	8.3	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	300	0.93	NA
WSW-2	04-11-96	<0.0050	<0.010	18	<0.030	<0.010	12	170	7.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	260	1.1	NA
WSW-2	07-24-96	<0.0050	<0.010	29	<0.030	<0.010	2.7	170	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	1.6	NA
WSW-2	11-13-96	<0.0050	<0.010	21	<0.030	<0.010	7.2	170	7.8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	320	1.7	NA
WSW-2	1/28/97	<0.0050	<0.010	16	<0.030	<0.010	12	160	8.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	360	1.1	NA
WSW-2	4/29/97	<0.0050	<0.010	17	0.033	<0.010	9.9	160	7.9	0.12	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.7	NS	NS	<4.0+/-1.3	280	2.7	NA
WSW-2	7/22/97	<0.0050	<0.010	18	0.037	<0.010	11	160	7.2	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.6	NS	NS	<4.0+/-1.4	250	3.8	NA
WSW-2	11/10/97	<0.0050	<0.010	14	0.033	<0.010	<5.0	150	7.3	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.3	NS	NS	<4.0+/-1.5	270	1.7	NA
WSW-2	1/27/98	<0.0050	<0.010	15	<0.030	<0.010	<5.0	140	7.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0+/-1.8	NS	NS	<4.0+/-1.3	220	0.68	NA
																			250	1.6	NA

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NA = Not Available

NS = Not Sampled

TABLE 3
Nickel Summary at Plant Lansing Smith

Well Number	Sample Date	Nickle mg/l
M-3	5/26/93	<0.02
M-3	7/28/93	<0.02
M-3	12/16/93	<0.02
M-3	3/1/94	<0.02
M-3	4/27/94	<0.02
M-3	8/2/94	<0.02
M-3	11/8/94	<0.02
M-3	1/11/95	<0.02
M-3	4/27/95	0.064
M-3	7/25/95	<0.02
M-3	10/18/95	<0.02
M-3	1/12/96	<0.02
M-3	4/10/96	<0.02
M-3	7/25/96	0.026
M-3	11/14/96	<0.02
M-3	2/3/97	<0.02
M-3	4/30/97	<0.02
M-3	7/23/97	<0.02
M-3	11/11/97	<0.02
M-4	5/26/93	<0.005
M-4	7/28/93	<0.005
M-4	12/16/93	<0.005
M-4	3/1/94	<0.005
M-4	4/27/94	<0.005
M-4	8/2/94	<0.005
M-4	11/8/94	<0.005
M-4	1/11/95	<0.005
M-4	4/27/95	<0.005
M-4	7/25/95	<0.005
M-4	10/18/95	<0.005
M-4	1/12/96	<0.005
M-4	4/10/96	<0.005
M-4	7/25/96	<0.005
M-4	11/14/96	<0.005
M-4	2/3/97	<0.005
M-4	4/30/97	<0.005
M-4	7/23/97	<0.005
M-5	5/26/93	<0.02
M-5	7/28/93	<0.02
M-5	12/16/93	<0.02
M-5	3/1/94	<0.02
M-5	4/27/94	<0.02
M-5	8/2/94	<0.02
M-5	11/8/94	<0.02
M-5	1/11/95	<0.02
M-5	4/27/95	<0.02
M-5	7/25/95	<0.02
M-5	10/18/95	<0.02
M-5	1/12/96	<0.02
M-5	4/10/96	<0.02
M-5	7/25/96	<0.02
M-5	11/14/96	<0.02
M-5	2/3/97	<0.02
M-5	4/30/97	<0.02
M-5	7/23/97	<0.02
M-5	11/11/97	<0.02

Well Number	Sample Date	Nickle mg/l
9-3A	5/26/93	<0.02
9-3A	7/28/93	<0.02
9-3A	12/16/93	<0.02
9-3A	3/1/94	<0.02
9-3A	4/27/94	<0.02
9-3A	8/2/94	<0.02
9-3A	11/8/94	<0.02
9-3A	1/11/95	<0.02
9-3A	4/27/95	<0.02
9-3A	7/25/95	<0.02
9-3A	10/18/95	<0.02
9-3A	1/12/96	<0.02
9-3A	4/10/96	<0.02
9-3A	7/25/96	<0.02
9-3A	11/14/96	<0.02
9-3A	2/3/97	<0.02
9-3A	4/30/97	<0.02
9-3A	7/23/97	<0.02
9-3A	11/11/97	<0.02
9-7	5/26/93	<0.02
9-7	7/28/93	<0.02
9-7	12/16/93	<0.02
9-7	3/1/94	<0.02
9-7	4/27/94	<0.02
9-7	8/2/94	<0.02
9-7	11/8/94	<0.02
9-7	1/11/95	<0.02
9-7	4/27/95	<0.02
9-7	7/25/95	<0.02
9-7	10/18/95	<0.02
9-7	1/12/96	<0.02
9-7	4/10/96	<0.02
9-7	7/25/96	<0.02
9-7	11/14/96	<0.02
9-7	2/3/97	<0.02
9-7	4/30/97	<0.02
9-7	7/23/97	<0.02
9-7	11/11/97	<0.02
9-9	5/26/93	<0.02
9-9	7/28/93	<0.02
9-9	12/16/93	<0.02
9-9	3/1/94	<0.02
9-9	4/27/94	<0.02
9-9	8/2/94	<0.02
9-9	11/8/94	<0.02
9-9	1/11/95	<0.02
9-9	4/27/95	<0.02
9-9	7/25/95	<0.02
9-9	10/18/95	<0.02
9-9	1/12/96	<0.02
9-9	4/10/96	<0.02
9-9	7/25/96	<0.02
9-9	11/14/96	<0.02
9-9	1/29/97	<0.02
9-9	4/30/97	<0.02
9-9	7/23/97	<0.02
9-9	11/11/97	<0.02

Well Number	Sample Date	Nickle mg/l
9-12A	5/26/93	<0.02
9-12A	7/28/93	<0.02
9-12A	12/16/93	<0.02
9-12A	3/1/94	<0.02
9-12A	4/27/94	<0.02
9-12A	8/2/94	<0.02
9-12A	11/8/94	<0.02
9-12A	1/11/95	<0.02
9-12A	4/27/95	<0.02
9-12A	7/25/95	<0.02
9-12A	10/18/95	<0.02
9-12A	1/12/96	0.043
9-12A	4/10/96	0.028
9-12A	7/25/96	<0.020
9-12A	11/14/96	<0.020
9-12A	2/3/97	<0.020
9-12A	5/14/97	0.043
9-12A	7/23/97	<0.020
9-12A	11/11/97	<0.020
A-7P	5/26/93	<0.02
A-7P	7/28/93	<0.02
A-7P	12/16/93	<0.02
A-7P	3/1/94	<0.02
A-7P	4/27/94	<0.02
A-7P	8/2/94	<0.02
A-7P	11/8/94	<0.02
A-7P	1/11/95	<0.02
A-7P	4/27/95	<0.02
A-7P	7/25/95	<0.02
A-7P	10/18/95	<0.02
A-7P	1/12/96	<0.02
A-7P	4/10/96	<0.02
A-7P	7/25/96	<0.02
A-7P	11/14/96	<0.02
A-7P	1/29/97	<0.02
A-7P	4/30/97	<0.02
A-7P	7/23/97	0.02
A-7P	11/11/97	<0.02
WSW1	5/26/93	<0.02
WSW1	7/28/93	<0.02
WSW1	12/16/93	<0.02
WSW1	3/1/94	<0.02
WSW1	4/27/94	<0.02
WSW1	8/2/94	<0.02
WSW1	11/8/94	<0.02
WSW1	1/11/95	<0.02
WSW1	4/27/95	<0.02
WSW1	7/25/95	<0.02
WSW1	10/18/95	<0.02
WSW1	1/12/96	<0.02
WSW1	4/10/96	<0.02
WSW1	7/25/96	<0.02
WSW1	11/14/96	<0.02
WSW1	2/17/97	<0.02
WSW1	4/30/97	<0.02
WSW1	7/23/97	<0.02
WSW1	11/11/97	NS

TABLE 4
Summary of Stream Bottom Sediment Analysis for Nickel (Dry Weight Basis)

Year	AR1L	AR1R	AR2L	AR2R	AR3L	AR3R	AR4L	AR4R	AR5L	AR5R	AR6L	AR6R	AR7L	AR7R	AR8L	AR8R
1993	4.4	1.5	2.3	2.1	1.9	4.2	3.1	3.8	2.7	1.5	0.75	1.6	1.2	5.1	3.1	3.1
1994	4.7	5	<1.0	7.5	3.4	8.1	<1.0	5.4	1.6	2.9	11	3.7	1.1	2.4	4.8	1.5
1995	3.6	1.7	2.9	2.9	1.4	5.1	4.5	5	<1.0	5.3	2.4	1.5	1.2	4.2	2.4	4.1
1996	2.2	1.1	2	4.8	4.7	5.4	3.1	3.3	2.5	10	1.9	3	1.9	3.2	1.2	2
1997	8.1	2	1.9	4	3.4	2.8	1.1	7.5	2.4	3.3	4.3	<1.0	<1.0	2.1	3.1	3.2
Average	4.6	2.26	2.02	4.26	2.96	5.12	2.56	5	2.04	4.6	4.07	2.16	6.4	3.4	2.92	2.78

Concentrations in mg/kg
Samples collected in July of each year

TABLE 5
Summary of Stream Water Quality Analysis of Nickel (mg/L)

Year	AR1L	AR1R	AR2L	AR2R	AR3L	AR3R	AR4L	AR4R	AR5L	AR5R	AR6L	AR6R	AR7L	AR7R	AR8L	AR8R
1993	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1994	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.02	<0.020
1995	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1996	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1997	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

Water Quality Samples collected in July of each year

TABLE 6
Nickel Summary at Plant Crist

Well Number	Sample Date	Nickel mg/L
MW-1S	6/10/98	<0.040
MW-1D	6/10/98	<0.040
MW-1P	6/10/98	<0.040
MW-2P	6/10/98	<0.040
MW-2S	6/10/98	<0.040
MW-3S	6/10/98	<0.040
MW-3D	6/10/98	<0.040
MW-4S	6/10/98	<0.040
MW-4D	6/10/98	<0.040
MW-5S	6/10/98	<0.040
MW-5D	6/10/98	<0.040
MW-8S	6/10/98	<0.040
MW-8D	6/10/98	<0.040
WSW-5	6/10/98	<0.040

c:\cristnickel.xls

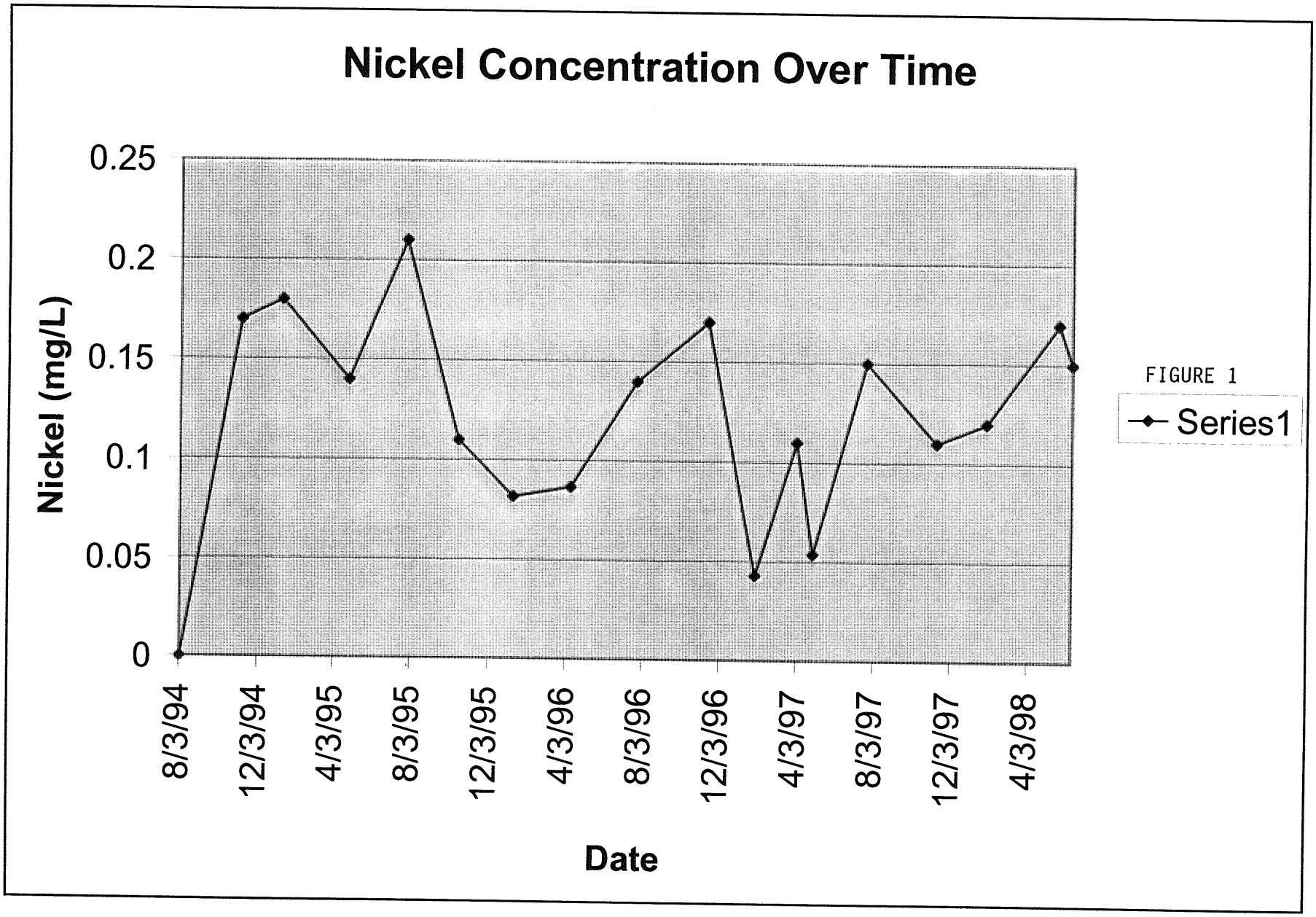

Nickel Concentration Over Time
Nickel (mg/L)
0.25
0.2
0.15
0.1
0.05
0
8/3/94
12/3/94
4/3/95
8/3/95
12/3/95
4/3/96
8/3/96
12/3/96
4/3/97
8/3/97
12/3/97
4/3/98
Date
Series1

FIGURE 1

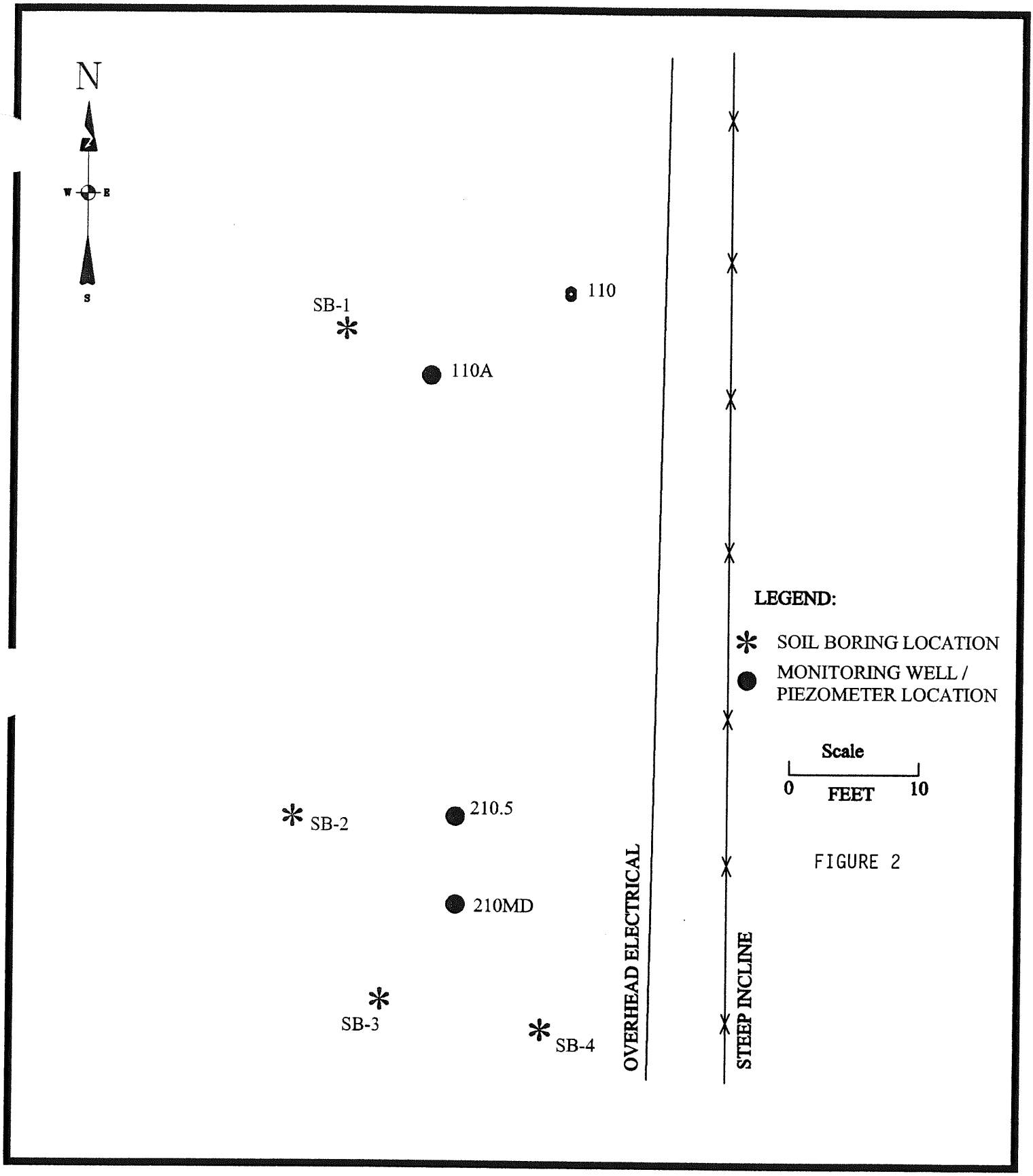


FIGURE 2

PLANT SCHOLZ
JACKSON COUNTY, FLORIDA
SOIL BORING LOCATION MAP

SOIL OC

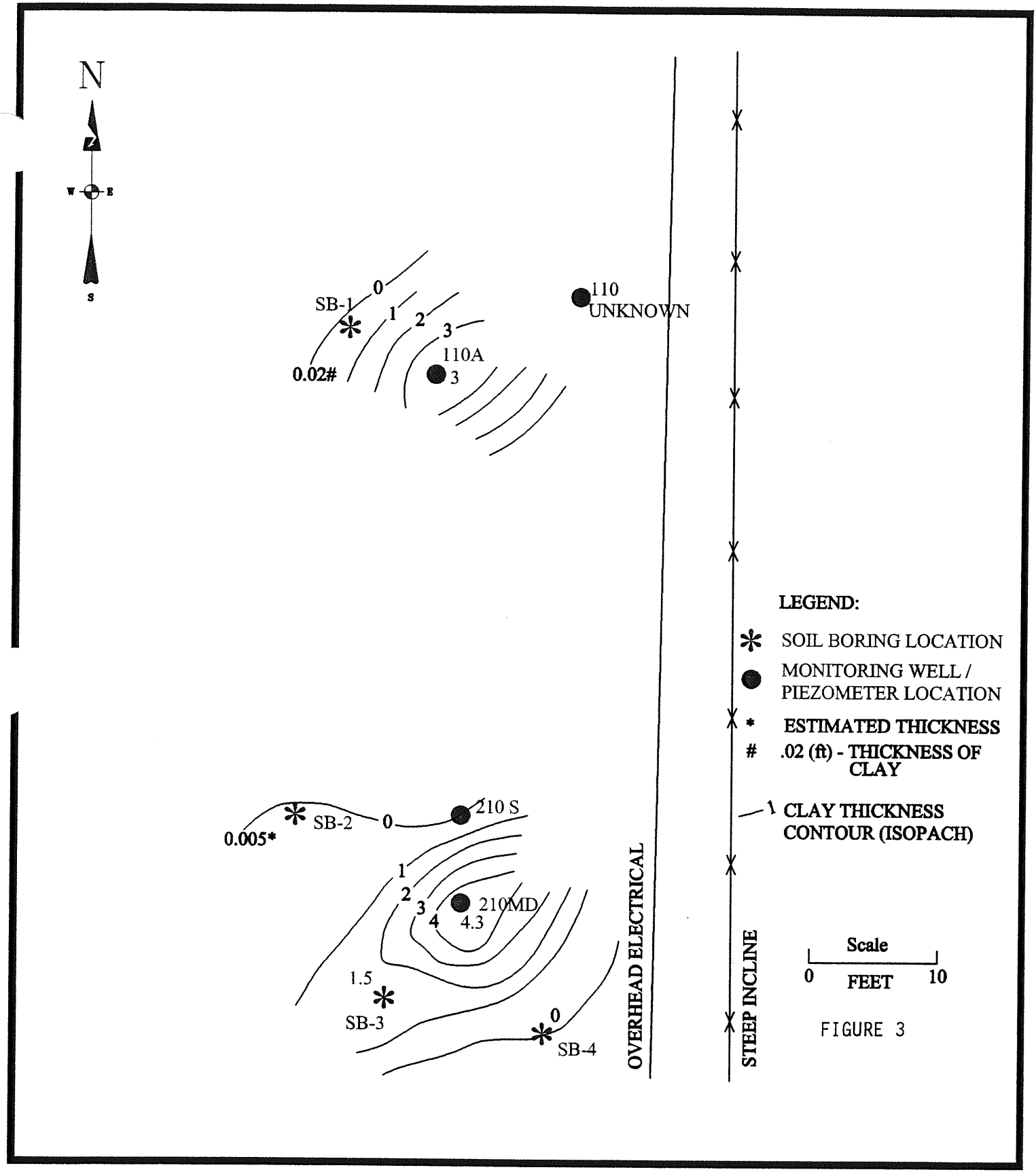


FIGURE 3

PLANT SCHOLZ
JACKSON COUNTY, FLORIDA
ISOPACH OF BLUE CLAY UNIT

BLUECLAY

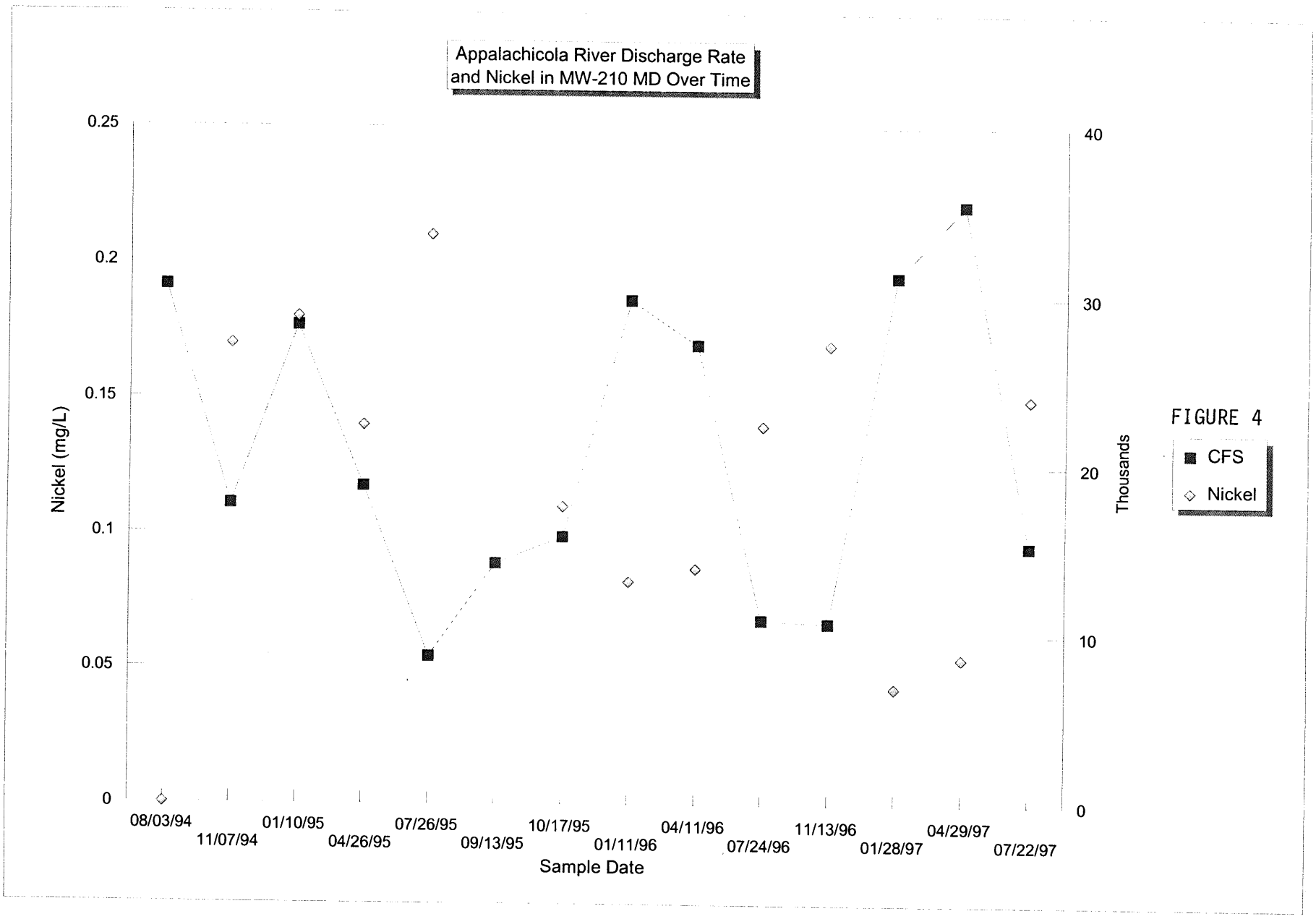

Appalachicola River Discharge Rate and Nickel in MW-210 MD Over Time
Nickel (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Thousands
40
30
20
10
0
08/03/94
11/07/94
01/10/95
04/26/95
07/26/95
09/13/95
10/17/95
01/11/96
04/11/96
07/24/96
11/13/96
01/28/97
04/29/97
07/22/97
Sample Date
CFS
Nickel

FIGURE 4

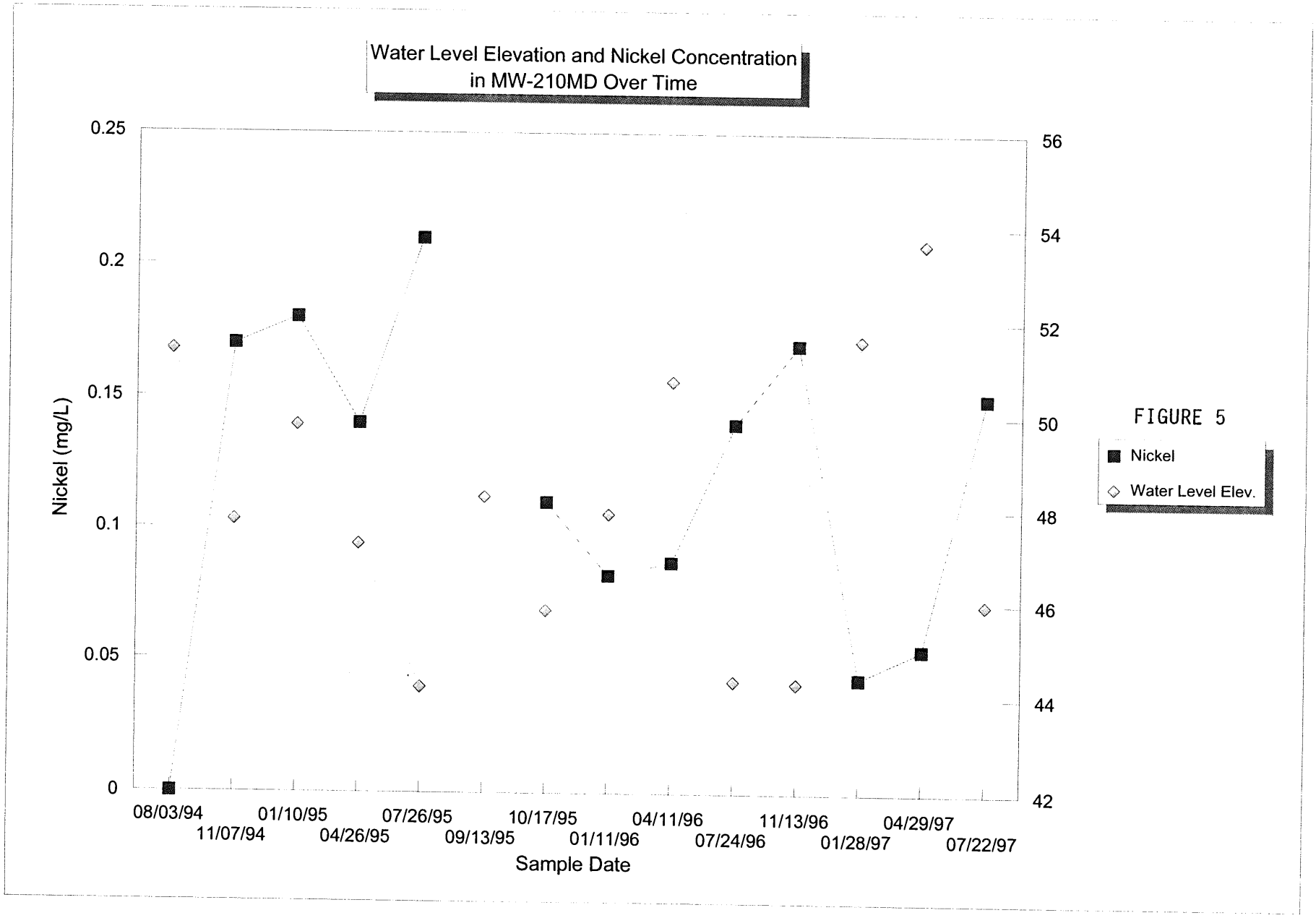

Water Level Elevation and Nickel Concentration in MW-210MD Over Time
Nickel (mg/L)
0.25
0.2
0.15
0.1
0.05
0
56
54
52
50
48
46
44
42
08/03/94
11/07/94
01/10/95
04/26/95
07/26/95
09/13/95
10/17/95
01/11/96
04/11/96
07/24/96
11/13/96
01/28/97
04/29/97
07/22/97
Sample Date
Nickel
Water Level Elev.

FIGURE 5

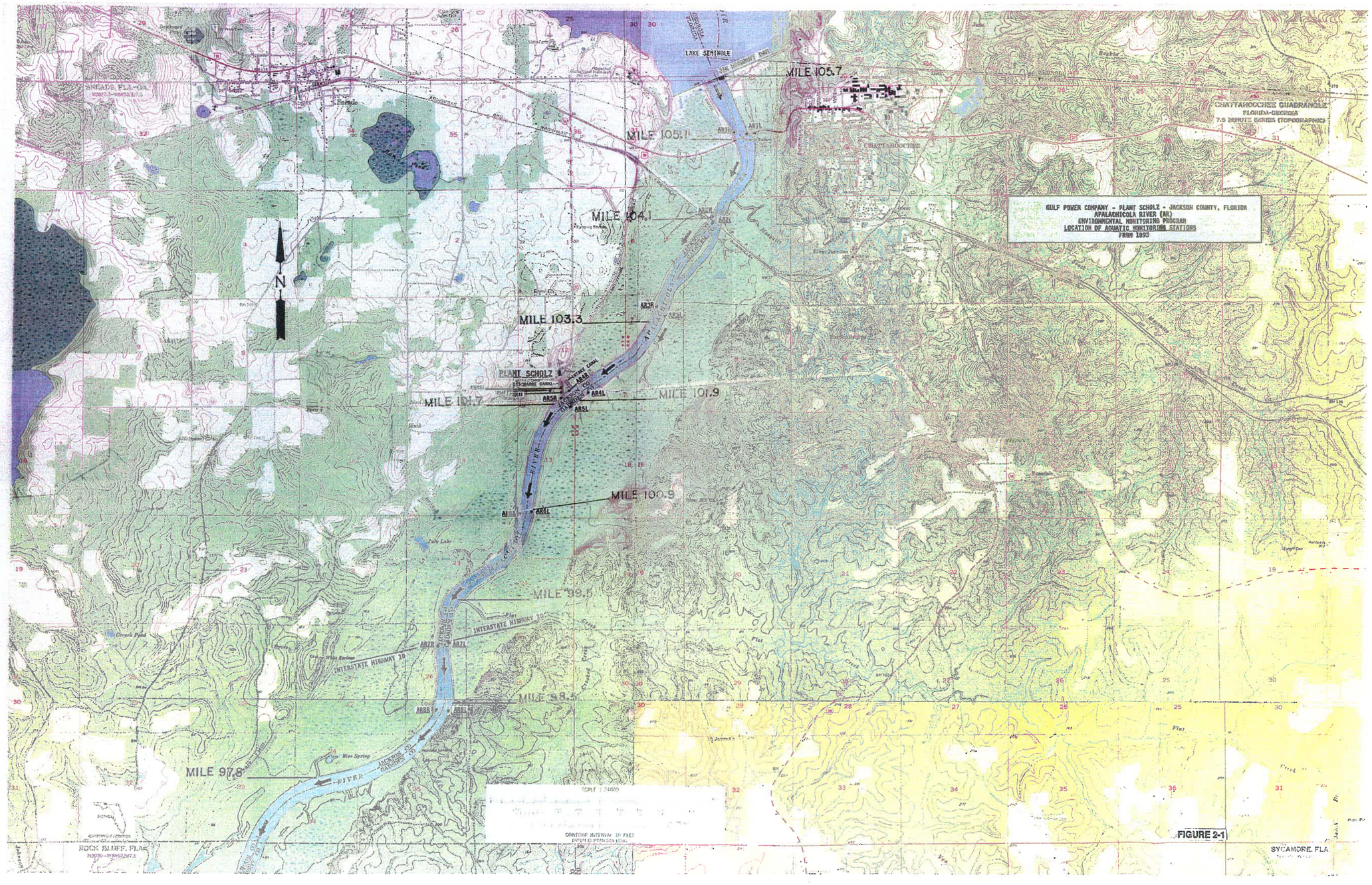


FIGURE 6

GULF POWER COMPANY
PLANT SCHOLZ
JACKSON COUNTY, FLORIDA

ENVIRONMENTAL MONITORING PROGRAM
FROM 1993

LOCATION OF WATER QUALITY
MONITORING STATIONS

Summary of Stream Bottom Sediment
Analysis for Nickel (Dry Weight Basis)

Year	AR1L	AR1R	AR2L	AR2R	AR3L	AR3R	AR4L	AR4R	AR5L	AR5R	AR6L	AR6R	AR7L	AR7R	AR8L	AR8R
1993	4.4	1.5	2.3	2.1	1.9	4.2	3.1	3.8	2.7	1.5	0.75	1.6	1.2	5.1	3.1	3.1
1994	4.7	5	<1.0	7.5	3.4	8.1	<1.0	5.4	1.6	2.9	11	3.7	1.1	2.4	4.8	1.5
1995	3.6	1.7	2.9	2.9	1.4	5.1	4.5	5	<1.0	5.3	2.4	1.5	1.2	4.2	2.4	4.1
1996	2.2	1.1	2	4.8	4.7	5.4	3.1	3.3	2.5	10	1.9	3	1.9	3.2	1.2	2
1997	8.1	2	1.9	4	3.4	2.8	1.1	7.5	2.4	3.3	4.3	<1.0	<1.0	2.1	3.1	3.2
Average	4.6	2.26	2.02	4.26	2.96	5.12	2.56	5	2.04	4.6	4.07	2.16	6.4	3.4	2.92	2.78

Concentrations in mg/kg
Samples collected in July of each year

Summary of Stream Water Quality
Analysis of Nickel (mg/L)

Year	AR1L	AR1R	AR2L	AR2R	AR3L	AR3R	AR4L	AR4R	AR5L	AR5R	AR6L	AR6R	AR7L	AR7R	AR8L	AR8R
1993	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1994	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.02	<0.020
1995	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1996	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1997	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

Water Quality Samples collected in July of each year

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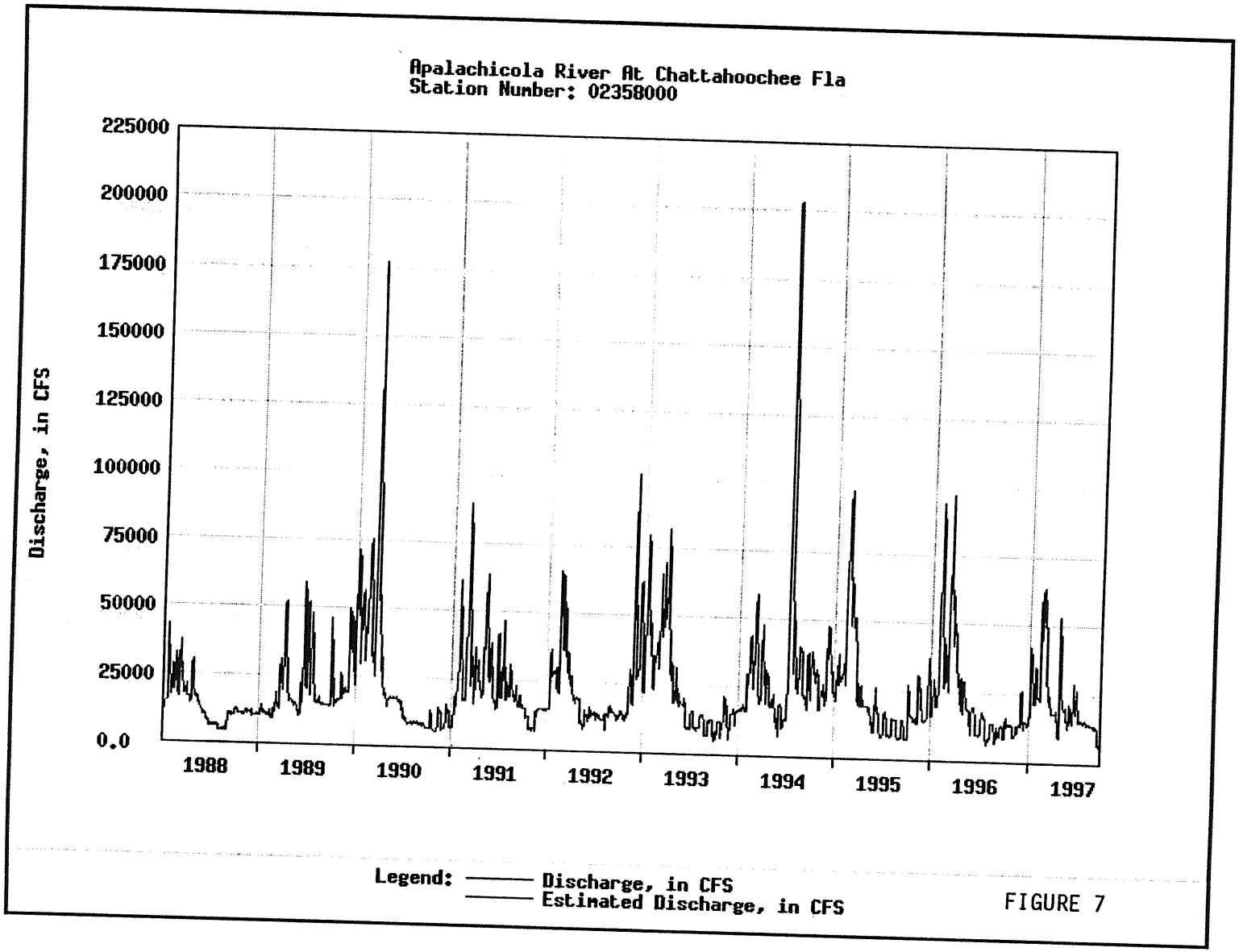

Apalachicola River At Chattahoochee Fla
Station Number: 02358000
Discharge, in CFS
225000
200000
175000
150000
125000
100000
75000
50000
25000
0.0
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
Legend: Discharge, in CFS
Estimated Discharge, in CFS

FIGURE 7



De-Ionized Water 10:19 CDT (6-10-98)



1st Well Volume from MW-210 MD - 10:36 CDT (6-10-98)



2nd Well Volume from MW-210MD - 10:41 CDT (6-10-98)



3rd Well Volume from MW-210 MD - 10:49 CDT (6-10-98)



4th Well Volume from MW-210MD - 10:56 CDT (6-10-98)



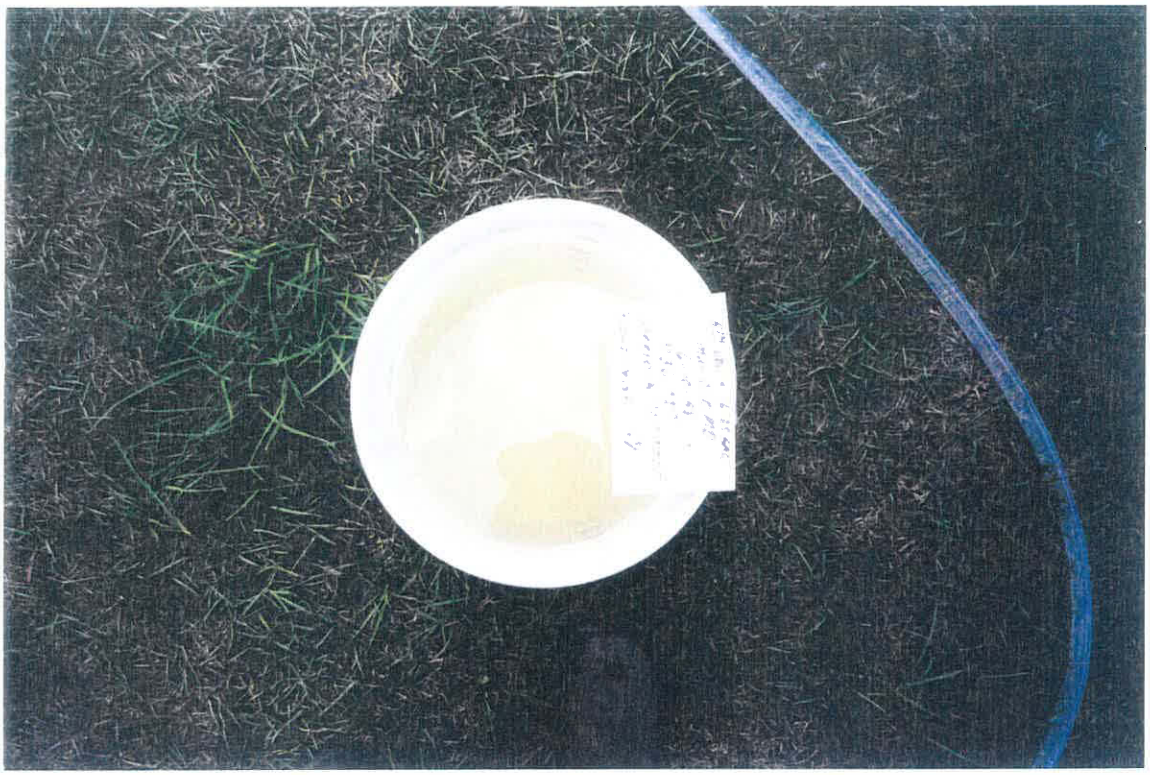
5th Well Volume from MW-210 MD - 11:02 CDT (6-10-98)



5th Well Volume from MW-210MD - 11:16 CDT (6-10-98)



5th Well Volume from MW-210 MD - 11:26 CDT (6-10-98)



5th Well Volume from MW-210MD - 11:36 CDT (6-10-98)



5th Well Volume from MW-210 MD - 11:46 CDT (6-10-98)



5th Well Volume from MW-210MD - 11:56 CDT (6-10-98)





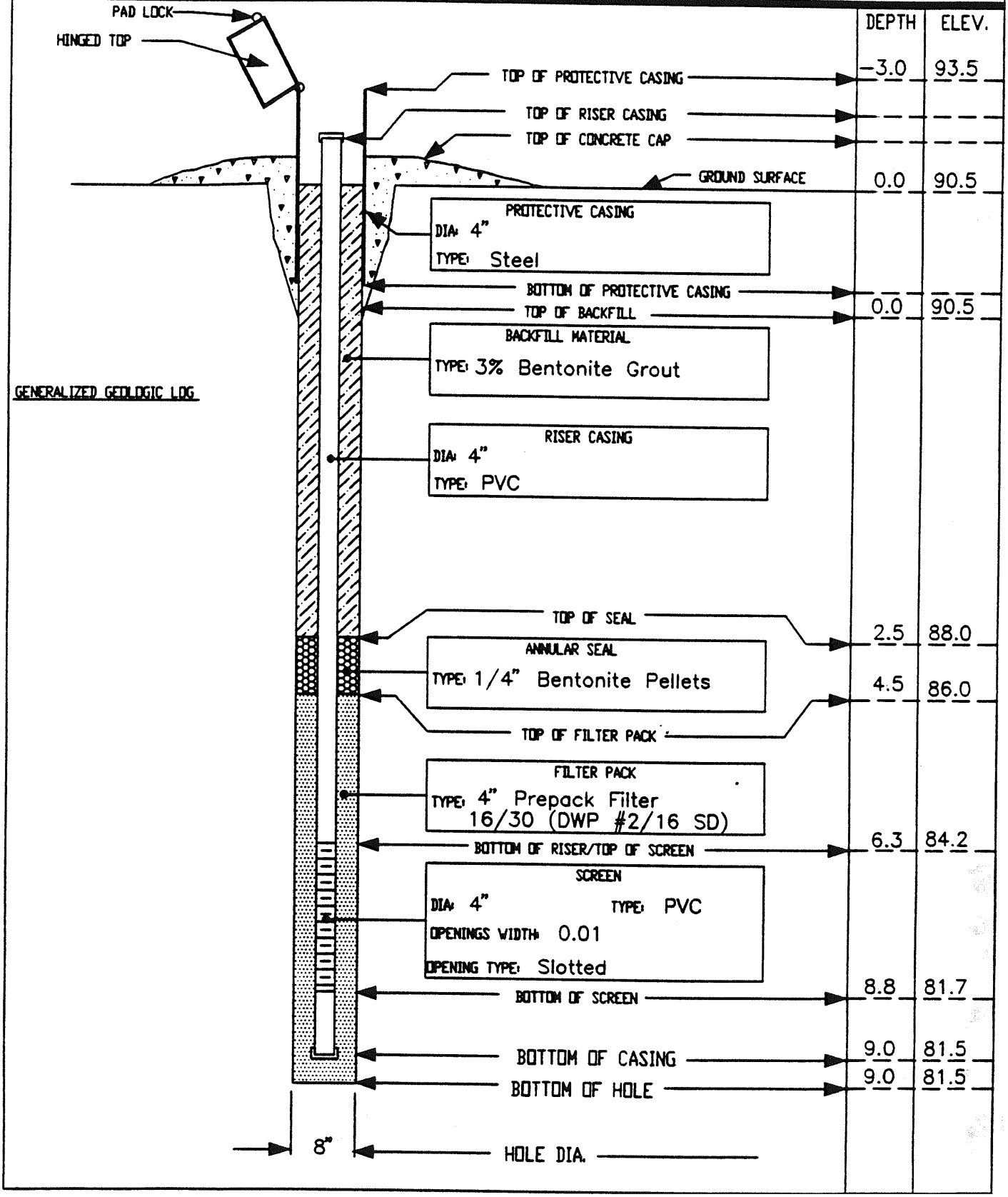




Southern Company Services

WELL CONSTRUCTION LOG

PROJECT: Plant Scholz–Groundwater Monitoring Program		WELL NO.: MW–210S
SITE	LOCATION: N 606,979.5761 E 1,846,776.6160	
BEGUN: 3/8/94	COMPLETED: 3/8/94	PREPARED BY: G. T. Watkins
WATER LEVEL TABLE	CONTRACTOR: SCS – Atlanta	



	DEPTH	ELEV.
TOP OF PROTECTIVE CASING	-3.0	93.5
TOP OF RISER CASING		
TOP OF CONCRETE CAP		
GROUND SURFACE	0.0	90.5
BOTTOM OF PROTECTIVE CASING		
TOP OF BACKFILL	0.0	90.5
TOP OF SEAL	2.5	88.0
TOP OF FILTER PACK	4.5	86.0
BOTTOM OF RISER/TOP OF SCREEN	6.3	84.2
BOTTOM OF SCREEN	8.8	81.7
BOTTOM OF CASING	9.0	81.5
BOTTOM OF HOLE	9.0	81.5

Southern Company Services, Inc.
Soil Boring Log

Project: Plant Scholz

Location:

HOLE No. 210-S

Purpose: Groundwater Monitoring Program

SHEET 1 OF 1

Position: E 1,846,776.6 N 606,979.6 Surface Elevation: 90.50

Rig Type: CME-75 Contractor: SCS - Atlanta Driller: D. C. Geldbaugh

Drilling Method: Hollow Stem Auger Boring Depth: 9.0 No. SPT: 2 No. UD Samples:

Date Started: 3/8/94 Date Completed: 3/8/94 Logged By: T. Watkins Date Logged: 3/8/94

Hole Closure:

WATER TABLE	DEPTH AND ELEVN. (FT)	SYMBOLIC LOG	SOIL DESCRIPTION	SAMPLE NUMBER	SAMPLE LEGEND	SAMPLE RECOVERY (%)	SAMPLE SPT VALUES BLOWS/6" (N)	COMMENTS	TEST RESULTS MOISTURE CONTENT (%)	TEST RESULTS LIQUID LIMIT (%)	TEST RESULTS PLASTIC LIMIT (%)	TEST RESULTS K (cm/s)
	0 90.50		Tan to Orange Slightly Silty Medium to Fine SAND with Isolated Weathered Chert Fragments. Becomes more Clayey (Orange) with Depth.									
	5		Tan Slightly Silty Medium SAND.									
	81.80		White-Gray Weathered Limestone Residuum. Boring Terminated @ 9.0'									

SS = Split Spoon; ST = Shelby Tube; D = Dennison; P = Pitcher; O = Other

▽ while drilling ▼ after drilling ☑ after 24 hours

Hole No. 210-S

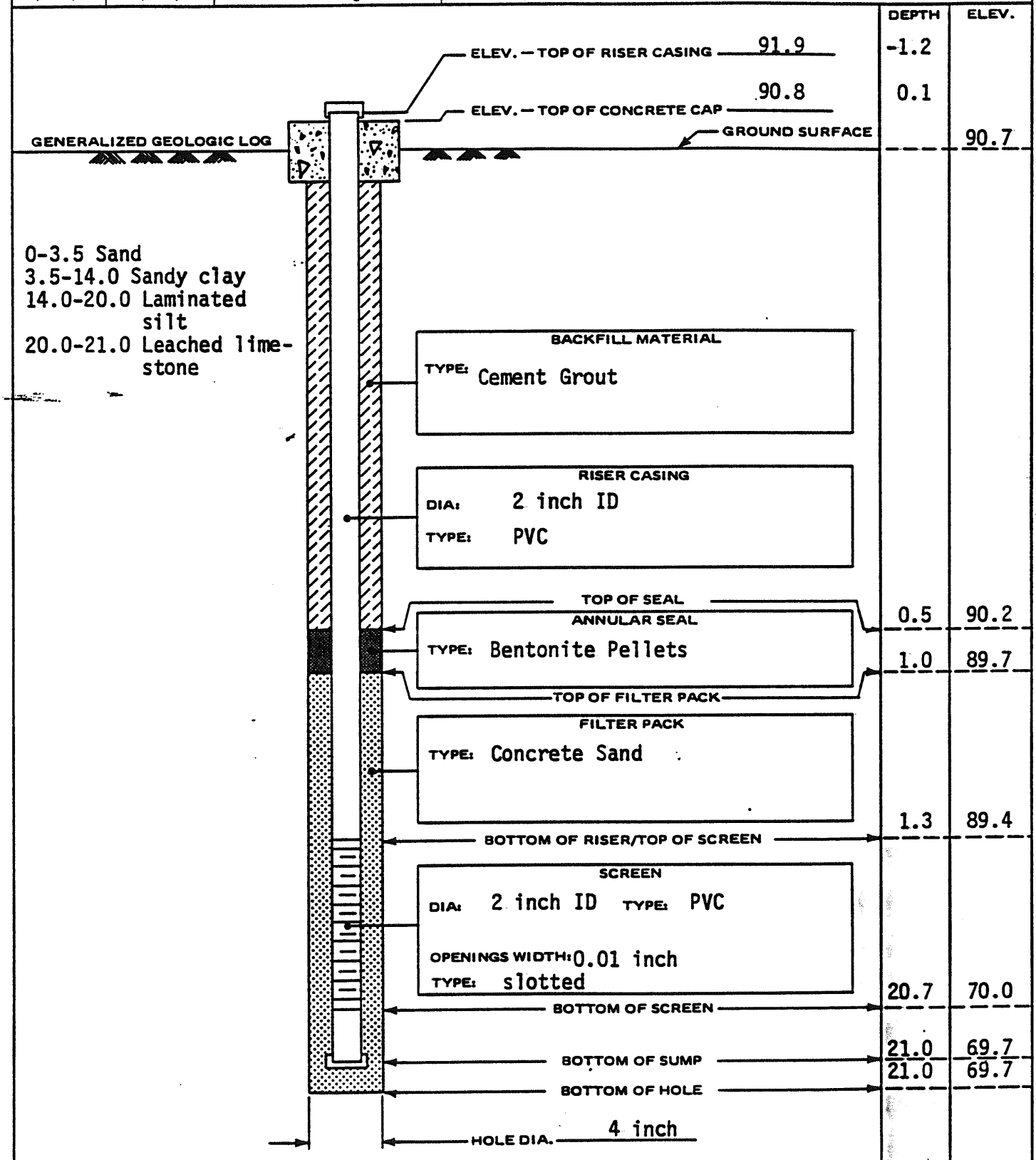
Southern Company Services, Inc.

OBSERVATION WELL LOG

PROJECT	WELL NO.
Ground Water Monitoring	101

JOB NO.	SITE	COORDINATES
	Plant Scholz	

BEGUN	COMPLETED	PREPARED BY	REFERENCE POINT FOR MEASUREMENTS
11/29/83	11/29/83	G. S. Grainger	Top of Riser Casing



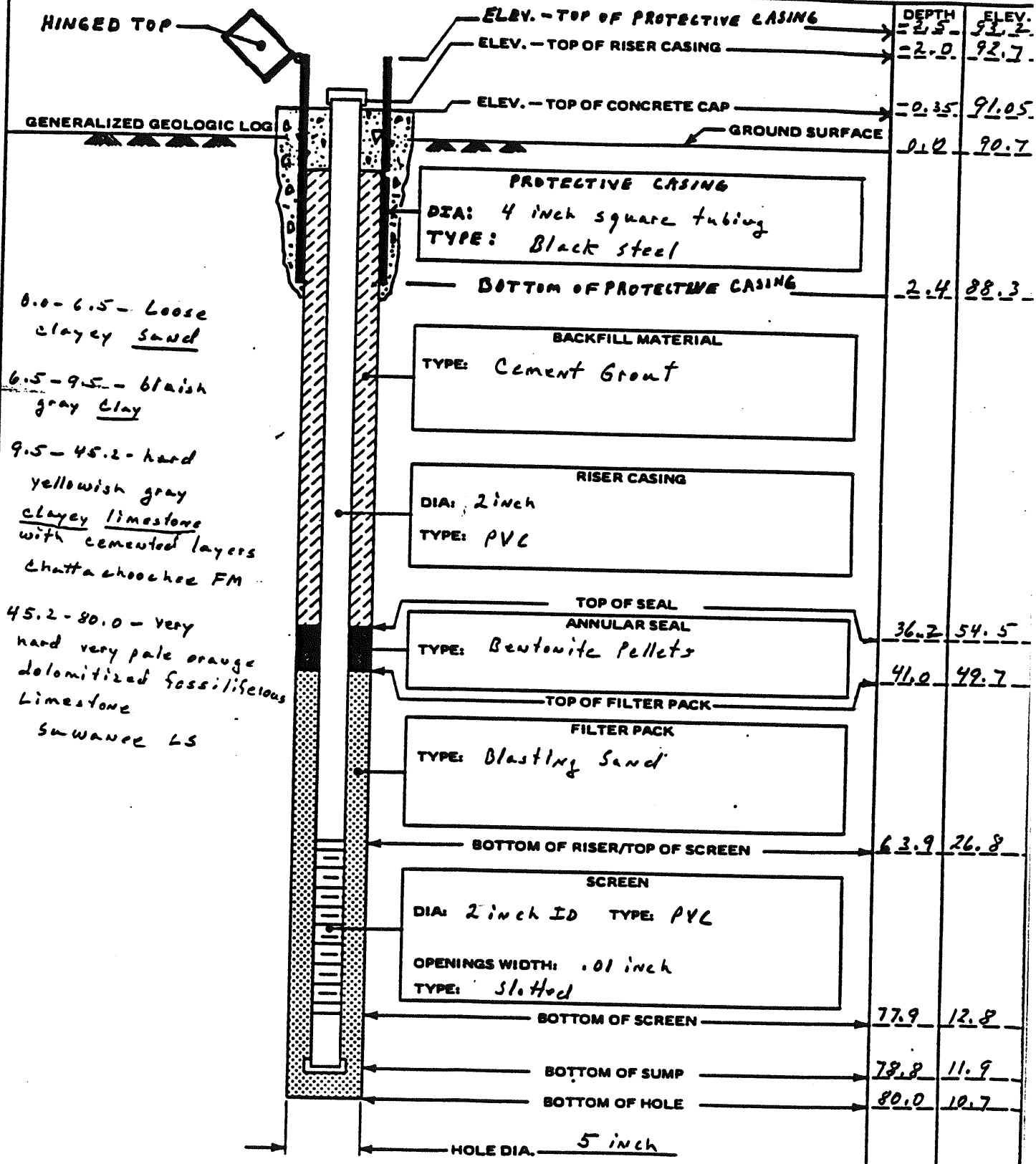
	DEPTH	ELEV.
	-1.2	
	0.1	
		90.7
	0.5	90.2
	1.0	89.7
	1.3	89.4
	20.7	70.0
	21.0	69.7
	21.0	69.7

Southern Company Services, Inc

OBSERVATION WELL LOG

JOB NO.	SITE	PROJECT	WELL NO.
	Plant Scholz	Plant Scholz - Groundwater Monitoring	110A

BEGUN	COMPLETED	PREPARED BY	REFERENCE POINT FOR MEASUREMENTS
12-17-84	12-19-84	G.S.GRAINGER	Top of Protective Casing



	DEPTH	ELEV.
ELEV. — TOP OF PROTECTIVE CASING	2.5	93.2
ELEV. — TOP OF RISER CASING	2.0	92.7
ELEV. — TOP OF CONCRETE CAP	0.35	91.05
GROUND SURFACE	0.0	90.7
BOTTOM OF PROTECTIVE CASING	2.4	88.3
TOP OF SEAL	36.2	54.5
TOP OF FILTER PACK	41.0	49.7
BOTTOM OF RISER/TOP OF SCREEN	63.9	26.8
BOTTOM OF SCREEN	77.9	12.8
BOTTOM OF SUMP	78.8	11.9
BOTTOM OF HOLE	80.0	10.7

ViroGroup *AIR • WATER • SOIL*

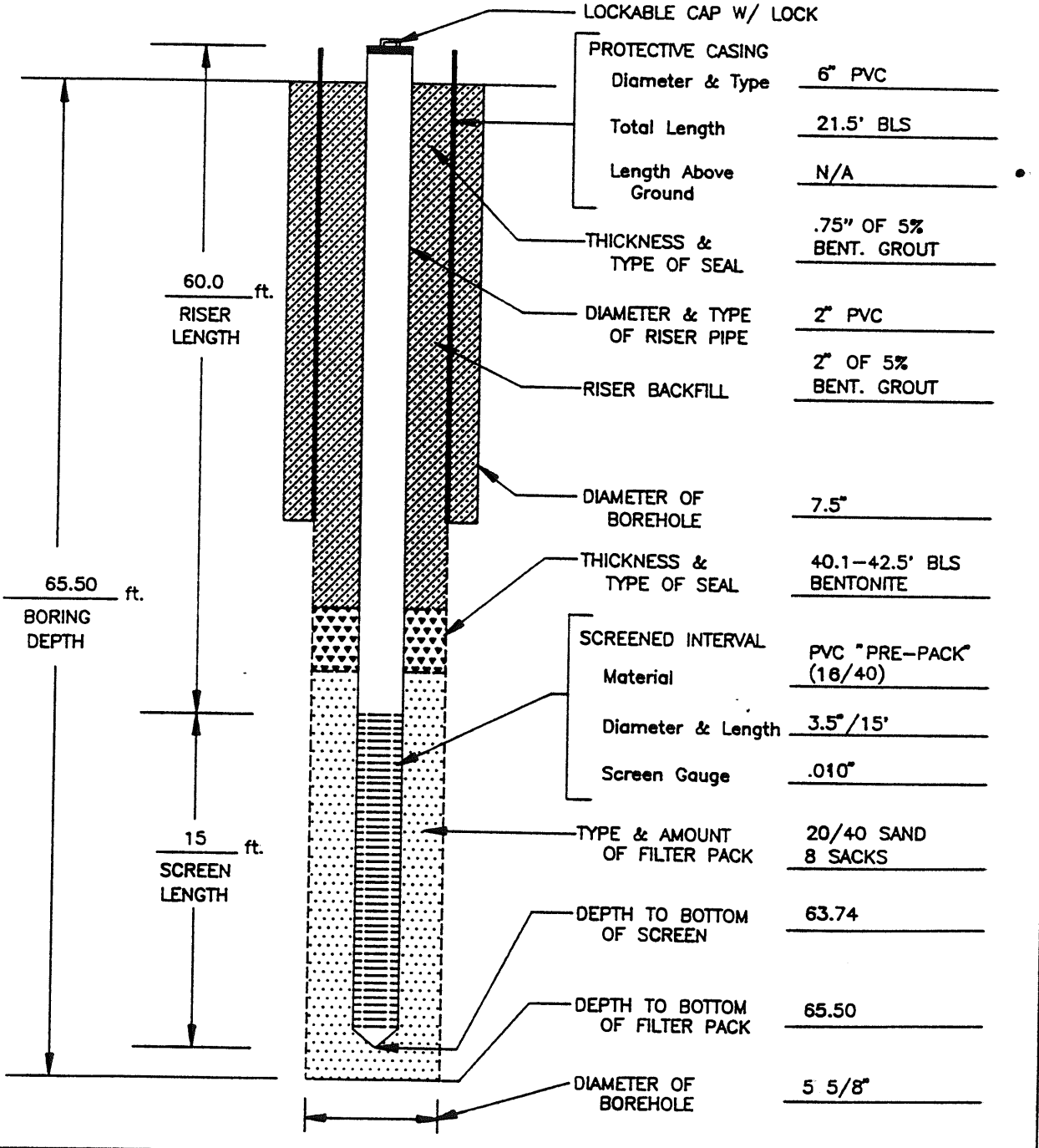
MISSIMER DIVISION *TECHNOLOGY*

MONITOR WELL DATA SHEET

DATE STARTED 5/25/93
DATE COMPLETED 6/7/93
DRWG. NO. 93J0432

PROJECT GULF POWER SCHOLZ PLANT PROJECT No. 09-02096.00 WELL No. 210MD
DRILLER B. FILIPOVICH GEOLOGIST M. MARKEY

WELL HEAD ELEVATION 94.42 ft. GROUND SURFACE ELEVATION 90.9 ft.
DEVELOPED AT .37 gpm FOR 418 min.



LOCKABLE CAP W/ LOCK	
PROTECTIVE CASING	
Diameter & Type	6" PVC
Total Length	21.5' BLS
Length Above Ground	N/A
THICKNESS & TYPE OF SEAL	.75" OF 5% BENT. GROUT
DIAMETER & TYPE OF RISER PIPE	2" PVC
RISER BACKFILL	2" OF 5% BENT. GROUT
DIAMETER OF BOREHOLE	7.5"
THICKNESS & TYPE OF SEAL	40.1-42.5' BLS BENTONITE
SCREENED INTERVAL	
Material	PVC "PRE-PACK" (16/40)
Diameter & Length	3.5"/15'
Screen Gauge	.010"
TYPE & AMOUNT OF FILTER PACK	20/40 SAND 8 SACKS
DEPTH TO BOTTOM OF SCREEN	63.74
DEPTH TO BOTTOM OF FILTER PACK	65.50
DIAMETER OF BOREHOLE	5 5/8"

PROJECT NO.09-02096.00

NOTES:
Page 1 of 3.

Borehole for 6" casing:7.5"
Borehole for 2" casing:5 5/8"

* Prepack
** Filter pack surrounding prepack
UD-Shelby tube sample

CLIENT: Gulf Power

WELL #: MD 210

LOCATION:SEE SITE MAP

DATE: 6-7-93

LOGGED BY: R. Markey

DRILLER: Southern Company Drilling

HOLE DIA:(See notes)

METHOD: Hollow Stem Auger

SPL MTD: Split Spoon

SAND PACK: 16/40* 20/40**

SEAL: Bentonite

CASING TYPE: SCH 40 PVC

DIAMETER: 6" 2"

LENGTH:21.5' 50.0'

HOLE DIA See notes

SCREEN TYPE: SCH 40 PVC

SLOT .010

DIAMETER 3.5"

LENGTH 15'

TOTAL DEPTH 65'

SPL ID	DEPTH FT.	SPL RCV	PID PPM	LITHOLOGY/REMARKS
	0–1	3.2'	0-3.2	2" Organic soil 1.5' Lt brn/gry dense vf gr SAND Remaining sample: yel/orange/gry clayey fine SAND Bottom 1' sli. moist
	4–5	4.6'	3.2-8.2	8" very fine gr SAND, moist 1'6" Tan sandy CLAY 1'3" same AA w/more sd. 8" Lt gry fine gr SAND, mod srtd, v. moist
	8–9	5'	8.2-13.2	6" black organic SAND 4' 4" Lt blue CLAY, plastic no fines/some orange areas in sample. 2" SAND at bottom of sample
	13–14	6" UD	13.2-15.2	6" soft calcareous CLAY
	16–17	4'6"	13.7-18.2	2' Lt. gry/ Lt brn & dk gry firm calcareous CLAY. End of sample - Lt gry finely crystalline LIMESTONE
	19–20	3'3"	18.2-21.5	9" Lt grn/gry extremely hard finely crystalline LIMESTONE 5" Lt grn LIMESTONE w/some iron staining, moist 2'1" wht /green finely crystalline argillaceous LIMESTONE, dry
	22–23			SET 21.5' of 6" Surface Casing Same as above
	24–25	1.2'	23.4-24.6	White/tan LIMESTONE, finely crystalline slightly argillaceous w/ Lt grn MARL.

cont. on page 2

PROJECT NO.09-02096.00

NOTES:
Page 2 of 3.

Borehole for 6" casing: 7.5"
Borehole for 2" casing: 5 5/8"

* "Pre-pack"
** Filter pack surrounding pre-pack
UD Shelby tube

CLIENT: Gulf Power

WELL #: MD 210 | LOCATION: SEE MAP

DATE: 6-7-93

LOGGED BY: R. Markey

DRILLER: Southern Company Drilling | HOLE DIA: (See notes)

METHOD: Hollow Stem Auger/Rotary | SPL MTD: Split Spoon

SAND PACK: 16/40* 20/40** | SEAL: Bentonite

CASING TYPE: SCH 40 PVC | DIAMETER 6" 2" | LENGTH 21.5' 48.74 | HOLE DIA See notes

SCREEN TYPE: SCH 40 PVC | SLOT .010 | DIAMETER 3.5" | LENGTH 15' | TOTAL DEPTH 65'

SPL ID	DEPTH FT.	SPL RCV	SPL ID	LITHOLOGY/REMARKS
	26			Interbedded wht/ tan LIMESTONE AND MARL
	27			
	28			
	29	1'	28.4-29.4	10" crm/wht MARL with some Lt.grn areas; 2" crm/wht v. hard LS.
	30			Interbedded wht LIMESTONE and white MARL
	31			Drilling pressure 1500 psi
	32			
	33			
	34	2'	33.4-35.4	Interbedded Lt. grn/buff LIMESTONE and Lt. grn/buff MARL dry - very - slightly moist
	35			
	36			
	37			MARL
	38			Pulled out of hole, bit caked with white MARL
	39	UD	38.4-39.6	Bottom UD, wht MARL. UD refusal after 1.25'
	40	1.3"		Same as above
	41			
	42			
	43			
	44	1'6"	43.4-44.9	4" Lt brn/green sandy LIMESTONE; 4" lt. brn, wht MARL 9" Sandy zone w/calcium carbonate cmt, 1" ex. hard LS, sl. moist
	45			
	46			******************LOST CIRCULATION @ 45.9' (100%)****************
	47			LIMESTONE w/ voids
	48			
	49	1' 4"	48.4-49.7	4" brn dolomitic LS; 7"lt brn sli sandy MARL; 4" lt brn dol. LS End of 2' split spoon no recovery whole sample wet
	50			
	51			

continued on page 3

PROJECT NO.09-02096.00

NOTES:
Page 3 of 3.

Borehole for 6" casing:7.5"
Borehole for 2" casing:5 5/8"

* Prepack
** Filter pack surrounding prepack
UD- Shelby tube sample

CLIENT: Gulf Power

WELL #: MD 210

LOCATION:SEE MAP

DATE: 6-7-93

LOGGED BY: R. Markey

DRILLER: Southern Company Drilling

HOLE DIA:(See notes)

METHOD: Hollow Stem Auger/Rotary

SPL MTD: Split Spoon

SAND PACK: 16/40* 20/40**

SEAL: Bentonite

CASING TYPE: SCH 40 PVC — DIAMETER 6" 2" — LENGTH 21.5' 50.0' — HOLE DIA See notes

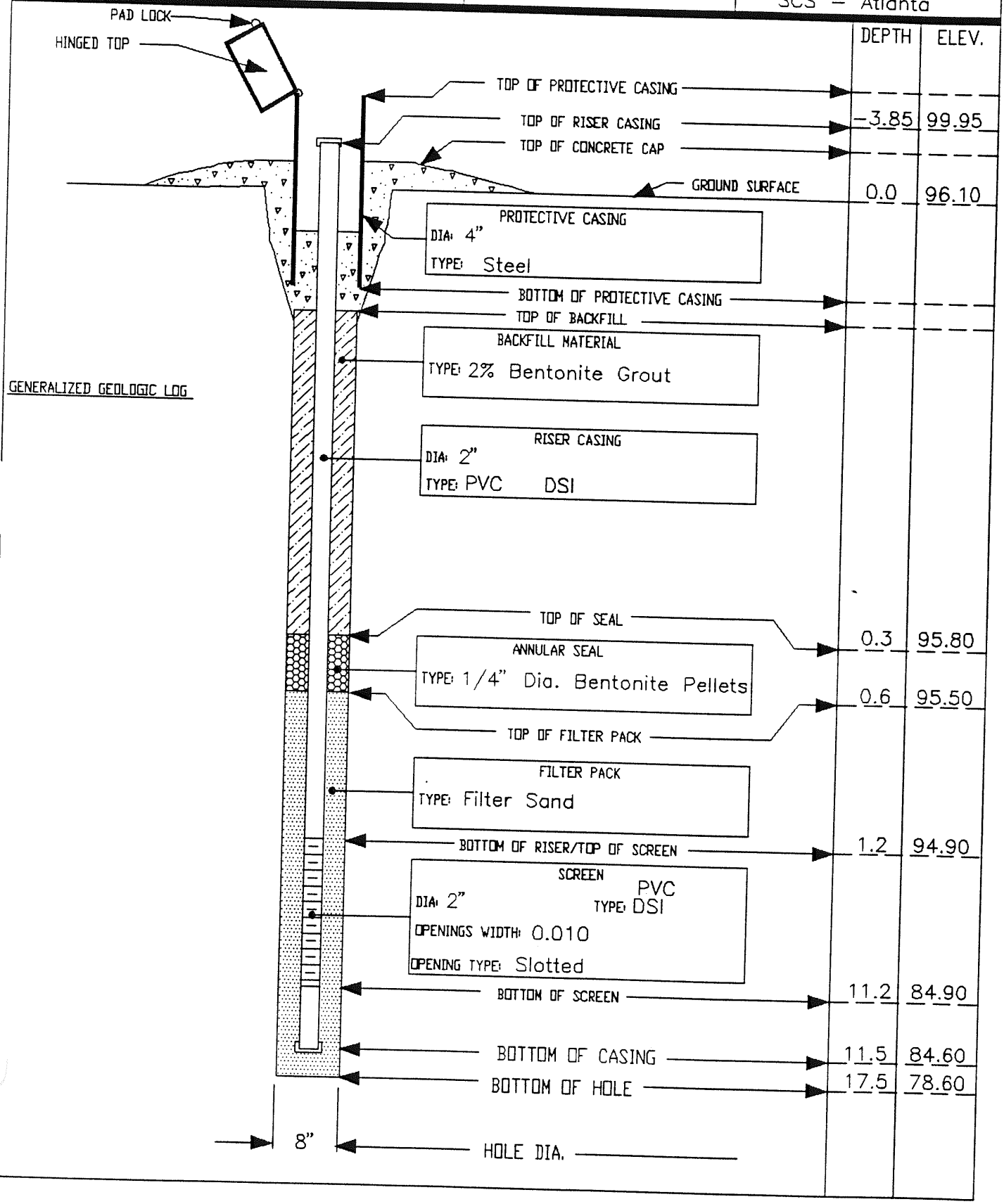
SCREEN TYPE: SCH 40 PVC — SLOT .010 — DIAMETER 3.5" — LENGTH 15' — TOTAL DEPTH 65.5'

SPL ID	DEPTH FT.	SPL RCV	SPL ID	LITHOLOGY/REMARKS
	52			Void, no drilling pressure
	53			
	54	2'	53.4-55.4	2"Interbedded crm/wht LIMESTONE & MARL w/ some grn clay noggule slightly moist. 19" cream colored MARL slightly moist 3" buff/white dolomitic LIMESTONE
	55			
	56			Bit chatter - dolomitic LIMESTONE
	57			
	58			
	59	1'6"	58.4-60.4	2" dolomitic LIMESTONE, v. wet 5" Tan/white finely crystalline LIMESTONE, moist 17" MARL moist
	60			
	61			Whole interval void, 0 drilling pressure pulled bit, clean, relatively no cuttings on 5 5/8" bit
	62			
	63			
	64			
	65	2'	63.5-65.5	1' 2" cream/ buff slightly sandy DOLOMITE 4" Lt. brown/ cream dolomitic LIMESTONE 2" Lt. brown MARL. Remaining sample dolomitic LIMESTONE
	66			BORING TERMINATED @ 65.5'
	67			
	68			
	69			
	70			
	71			
	72			
	73			
	74			
	75			
	76			
	77			

Southern Company Services

WELL CONSTRUCTION LOG

PROJECT: Plant Scholz		WELL NO.: MW-1
SITE: Lighter Oil Pump Area	LOCATION: N 606906.7968, E 1846574.5313	
BEGUN: 11/11/93	COMPLETED: 11/11/93	PREPARED BY: G. T. Watkins
WATER LEVEL TABLE:	CONTRACTOR: SCS – Atlanta	



	DEPTH	ELEV.
TOP OF PROTECTIVE CASING		
TOP OF RISER CASING	-3.85	99.95
TOP OF CONCRETE CAP		
GROUND SURFACE	0.0	96.10
BOTTOM OF PROTECTIVE CASING		
TOP OF BACKFILL		
TOP OF SEAL	0.3	95.80
TOP OF FILTER PACK	0.6	95.50
BOTTOM OF RISER/TOP OF SCREEN	1.2	94.90
BOTTOM OF SCREEN	11.2	84.90
BOTTOM OF CASING	11.5	84.60
BOTTOM OF HOLE	17.5	78.60

Southern Company Services, Inc.
Soil Boring Log

HOLE No. MW-1

SHEET 1 OF 1

Project: **Plant Scholz**
Location: **Lighter Oil Pump Area**
Purpose:
Position: **E 1,846,574.5 N 606,906.8** Surface Elevation: **96.10**
Rig Type: Contractor: **SCS - Atlanta** Driller: **D. C. Geldbaugh**
Drilling Method: **Hollow Stem Auger** Boring Depth: **17.5** No. SPT: **3** No. UD Samples: **1**
Date Started: **11/11/93** Date Completed: **11/11/93** Logged By: **T. Watkins** Date Logged: **11/11/93**
Hole Closure:

WATER TABLE	DEPTH AND ELEVN. (FT)	SYMBOLIC LOG	SOIL DESCRIPTION	SAMPLE NUMBER	SAMPLE LEGEND	SAMPLE RECOVERY (%)	SAMPLE SPT VALUES BLOWS/6" (N)	COMMENTS	TEST RESULTS MOISTURE CONTENT (%)	TEST RESULTS LIQUID LIMIT (%)	TEST RESULTS PLASTIC LIMIT (%)	TEST RESULTS K (cm/s)
	0 96.10		Red-Orange Clayey Fine- to Medium-Grained SAND (Probable Backfill Material)	1		60	1-1/12"-1	Diesel Odor		27	6	
	5											
	87.60 10		Grayish WET Slightly Silty Medium-Grained SAND	2		85	WR/12-2/6"	No Odor				
	82.60 15		Stiff Gray-Green Sandy CLAY with Isolated Oxidized Zones-Apparently Related to Insitu/Relict Organics	3		95	4-5-6-7 (13)			109	78	
				4				UD SAMPLE	40	49	29	1.2x 10 -6
			Boring Terminated									

SS = Split Spoon; ST = Shelby Tube:
D = Dennison; P = Pitcher; O = Other

▽ while drilling
▼ after drilling
☑ after 24 hours

Hole No. **MW-1**

One Energy Place
Pensacola, Florida 32520

850.444.6111

June 29, 1998

GULF POWER
A SOUTHERN COMPANY

Mr. Greg Smith
Compliance/Enforcement Section Supervisor
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Re: Scholz Electric Generating Plant
Wastewater Permit #FL0002283

Dear Mr. Smith:

As we discussed by telephone on Monday, June 29, 1998, the report of our investigation into the cause of elevated nickel in one groundwater monitoring well at Plant Scholz will be submitted to the Department by July 2, 1998. This report will formalize and provide greater detail on the information that we presented verbally to the Department on May 26, 1998.

If you have any questions, please contact me at 850.444-6127 or Mike Markey at 850.444-6573.

Sincerely,

Rachel Terry

Rachel Terry
Environmental Affairs Specialist

cc: Dept. of Environmental Protection – N.W. District
Vic Hulstrand
Bill Evans
Dept. of Environmental Protection - Tallahassee
Craig Diltz
Bryan Baker
Gulf Power Company
Lewis Jeffers
Mike Markey
Joe Neese
Jim Vick

One Energy Place
Pensacola, Florida 32520

850.444.6111

GULF POWER
A SOUTHERN COMPANY

June 18, 1998

Ms. Barbara Ruth
Compliance/Enforcement Section
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Re: May 26, 1998 Meeting Minutes
Scholz Electric Generating Plant
Wastewater Permit #FL0002283

Dear Ms. Ruth:

This letter is in reference to the meeting minutes of our May 26, 1998 meeting which concerned a possible groundwater issue at Plant Scholz. We agree with the minutes as you have provided with the exception of one minor clarification.

The fourth paragraph of the minutes states that Gulf Power was to provide a letter to the Department by May 29, 1998 which would include a summary of our activities to date. It was our understanding that the only purpose of the May 29th letter was to provide in writing a timeframe for submittal of a report which would summarize and document all actions/activities we have undertaken to date.

As agreed to at the May 26th meeting and as stated in our May 29th letter, documentation of all our activities to date on this issue will be forwarded to the Department by June 30, 1998.

Again, we appreciate the opportunity to have met with you and trust that we will be able to resolve this issue in the near future. If you have any questions, please contact me at 850.444-6311.

Sincerely,

James O. Vick
Manager of Environmental Affairs

cc: Department of Environmental Protection – N.W. District
Vic Hulstrand
Bill Evans
Greg Smith

Department of Environmental Protection - Tallahassee
Craig Diltz
Bryan Baker

Gulf Power Company
Lewis Jeffers
Mike Markey
Joe Neese
Rachel Terry

Recd 6-12-98
RT

Department of Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

June 11, 1998

Mr. James O. Vick
Manager of Environmental Affairs
Gulf Power
One Energy Plaza
Pensacola, Florida 32520

Dear Mr. Vick:

Enclosed are copies of the memoranda of the May 26, 1998, meetings to discuss groundwater issues at Gulf Power's Crist and Sholz plants.

If you have any questions, please contact Ms. Barbara Ruth at (850) 595-8300.

Sincerely,

Greg Smith
Environmental Specialist
Compliance/Enforcement Section

GS:br
Enclosure

cc: Jack McNulty, Waste Management Program, FDEP Pensacola
Bryan Baker, Division of Water Facilities, FDEP Tallahassee

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION Memorandum

TO: File

THROUGH: Greg Smith 6/10-10-98
Bill Evans 6/10/98
Vic Hultstrand

FROM: Barbara Ruth BJR 6/9

SUBJECT: Gulf Power, Plant Scholz meeting

DATE: May 29, 1998

On May 26, 1998, Department representatives met with representatives from Gulf Power to discuss issues related to nickel levels exceeding primary drinking water standards in ground water compliance monitoring well #MW-210MD at the facility. An attendance list is attached.

Mr. Smith explained that when a facility was not in compliance with an existing permit, a consent order addressing actions to resolve the problem was needed before a permit renewal could be issued. Department representatives discussed possible corrective actions, such as a study that addressed the wells of concern (Contamination Assessment Plan) to determine the cause of nickel presence, with results that would: 1) provide reasonable assurance that the occurrence was natural; 2) indicate the need for remediation actions; or 3) provide for requesting administrative relief such as a variance.

Mr. Markey provided a summary of actions taken to date. He explained he had contacted Rick Bradburn when the first exceedences had been determined, and had followed Mr. Bradsburn's suggestions on resampling and looking for sources. He stated that Gulf Power had looked for sources of nickel at the plant and had not found any. He explained that the source was thought to be naturally occurring because of slumping of clay into the aquifer from a blue clay layer above the area of MW-210MD. He noted that no nickel was detected in MW-210S located above the clay layer, and although it was detected in MW 203S beside the ash pond, it was present only in low levels. Mr. Vick explained that wide fluctuations in river flows and karst formations impacted groundwater levels that might contribute to fluctuations noted. Mr. Hultstrand questioned why high levels of secondary standard substances were also found in MW-210MD and not in others because there may be a link between occurrences.

Mr. Vick agreed to provide, by the end of the week, a summary of activities to date and when documentation would be submitted, including: 1) source survey; 2) old

and new well data; 3) site contours. He said he felt the situation could be resolved in 2 weeks. He expressed concern that a consent order could jeopardize the company's financial status in relation to the stock exchange. He noted that the company had just entered into a PEP (Partnership in Environmental Protection) agreement with the Department. Mr. Smith agreed to contact the Office of General Council (OGC) for guidance on any other method that would be available to resolve the issues besides a consent order.

The meeting was adjourned.

This memorandum was prepared by Ms. Barbara Ruth and are her interpretations or understandings of the items discussed herein. Any comments or revisions should be forwarded to Ms. Ruth within 7 days of receipt of this memorandum. If no comments or revisions are received, it is understood that this meeting memorandum accurately reflect the items discussed.

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northwest District
160 Governmental Center
Pensacola, Florida 32501

ATTENDANCE SHEET

SUBJECT: Gulf Power - Plant Scholz DATE: 5/26/98

Name (Please Print)	Title/Affiliation/Address	Telephone Number
Barbara Ruth	FDEP	595-8300
Jim Vick	Gulf	~~444~~-6311
Rachel Terry	Gulf	444-6127
Mike Markey	Gulf	444-6573
Bill Evans	FDEP IW	595-8300
Vic Hultstrand	FDEP	595-8380
Greg Smith	FDEP Comp/Enf	595-8380

One Energy Place
Pensacola, Florida 32520

850.444.6111

JBD
~~RAT~~
~~JHS~~
RMM Cla

GULF POWER
A SOUTHERN COMPANY

May 29, 1998

Mr. Greg Smith
Compliance/Enforcement Section Supervisor
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Re: Warning Letter #32-1329
Scholz Electric Generating Plant
Wastewater Permit #FL0002283

Dear Mr. Smith:

As requested by the Department in the above referenced letter, Gulf Power Company met with agency representatives on May 26, 1998 to discuss an alleged ground water violation at Plant Scholz. The purpose of the meeting was to discuss the issue and allow both parties the opportunity to present any facts that may help to resolve the matter.

The ground water issue at Plant Scholz is nickel that has been reported as slightly over the primary drinking water standard in one well. As discussed during the May 26th meeting, this issue was addressed by Gulf Power in 1995 when we conducted an investigation in an attempt to determine the cause of the elevated nickel. Gulf Power Company provided the results of this investigation on June 26, 1995 and have since kept the Department apprised of our actions.

The results of that study, which were submitted to the Department in 1995, concluded that the cause of the nickel was the interaction of groundwater with a naturally occurring subsurface clay. Since that date, Gulf Power Company has continued monitoring in accordance with the Plant's approved groundwater monitoring plan. A formal, more detailed report of that investigation will be submitted to the Department by June 30, 1998.

According to the Department's warning letter, the May 26th meeting was also for the purpose of discussing entering into a Consent Order that would include any necessary corrective actions. As we discussed on the 26th, the purpose of a Consent Order is to identify and resolve alleged violations of some applicable

rule or law administered by the Department. In this case, Gulf Power believes the basis for requiring a Consent Order is unjustified due to the fact that at our meeting, we presented facts that prove there is not a groundwater violation at Plant Scholz. The nickel exceedance at the one monitor well location in that Plant's groundwater monitoring network is caused by natural conditions present. The report that will be submitted at the end of June will substantiate that fact legally and technically, and that, accordingly, there is no "violation" of applicable Florida law.

As you are aware, the Scholz NPDES Permit is currently up for renewal with the Department and Tallahassee has already issued a preliminary draft. Mr. Craig Diltz, of the Department's Industrial Wastewater Section in Tallahassee, has requested that this issue be finalized within 90 days from our May 26th meeting so that the permit may be finalized in a timely manner.

We appreciate the opportunity to meet with you earlier this week and trust that we will be able to resolve this issue in the near future. If you have any questions, please contact me at 850.444-6311.

Sincerely,

James O. Vick
Manager of Environmental Affairs

cc: Department of Environmental Protection – N.W. District
Vic Hulstrand
Bill Evans

Department of Environmental Protection - Tallahassee
Craig Diltz
Bryan Baker

Gulf Power Company
Lewis Jeffers
Mike Markey
Joe Neese
Rachel Terry

Department of Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

April 29, 1998

CERTIFIED MAIL NO. Z 097 637 390
RETURN RECEIPT REQUESTED

James O. Vick
Manager of Environmental Affairs
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0328

SUBJECT: Warning Letter #32-1329
Wastewater Permit #FL0002283
Scholz Electric Generation Plant

Dear Mr. Vick:

The purpose of this letter is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. A review of ground water monitoring well reports for Gulf Power Company's Plant Scholz in Jackson County indicates that a violation of Florida Statutes and Rules may exist at the above described facility.

As you are aware, compliance monitoring well MW-210MD at Plant Scholz has exceeded the primary drinking water standard for nickel in seven of the last ten quarterly analyses. A February 17, 1995, revision to the March 16, 1993 FDEP permit # IO32-189371 (joint State/NPDES permit #FL0002283) provided for a revised groundwater monitoring network at Plant Scholz that requires compliance with groundwater standards at the edge and beyond the designated zone of discharge. A permit renewal application is currently being processed for the facility.

Section 403.088, Florida Statutes, provides that a permit may only be renewed if the discharge complies with permit conditions and applicable statutes, unless accompanied by an order establishing a schedule for achieving compliance with all permit conditions.

It is my understanding that you have been conducting an investigation of the nickel presence at the site. However, in order to proceed with permit renewal processing, a formal corrective action procedure is required. We look forward to your cooperation in resolution of this matter. It is requested that you contact Barbara Ruth of this office at (850) 595-8300 within 14 days of receipt of this letter to arrange a meeting to discuss entering into a Consent Order that will include the necessary corrective actions to address the alleged ground water violation. The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(4), Florida Statutes. We look forward to your cooperation in completing the investigation and resolution of this matter.

Sincerely,

Bobby A. Cooley
Director of District Management

BAC:br
cc: Craig Diltz, FDEP, IW, Power Plant Permitting Supervisor, Tallahassee
Gary Shaffer, Panama City Branch Office

GROUNDWATER SUMMARY REPORT
GULF POWER COMPANY
SCHOLZ ELECTRIC GENERATING PLANT
SNEADS, FLORIDA

Prepared by:

Gulf Power Company
Environmental Affairs
500 Bayfront Parkway
Pensacola, Florida 32520

March 27, 1997

CERTIFICATION

PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF FLORIDA

This is to certify that I have reviewed and approve the contents of this Groundwater Summary Report for the Gulf Power Company, Scholz Electric Generating Plant, Sneads, Florida.

Reviewers:

Rachel Terry

Rachel Allen Terry

Joseph H. Neese

Joseph H. Neese

Richard M. Markey

3-27-97

Richard M. Markey
State of Florida License #0000265
Gulf Power Company
500 Bayfront Parkway
Pensacola, Florida 32520-0328
(904) 444-6573

Introduction

On February 17, 1995, the Florida Department of Environmental Protection issued a modification to Industrial Wastewater Permit No. IO32-189371. Specific condition 39 of this modification required the following:

"39. With permit renewal application a written technical report shall be prepared and submitted to the Department which summarizes and interprets the water quality data and water levels from permit issuance to present. The report shall be submitted by a qualified professional and shall contain the following items at a minimum:

A. Tables and graphs of ground water quality data, including hydrographs, for all monitoring wells. Rainfall data should be included with the hydrographs.
B. A comparison of water quality results between upgradient wells and downgradient wells (intermediate and compliance).
C. A summary of all violations of applicable water standards.
D. Ground water contour maps for each sampling event.
E. A discussion of any data that is thought to be inconsistent or suspect.
F. A summary of the physical condition of the monitoring system. This should be based on visual observation and sampling records".

As a result of this modification (Appendix A), the groundwater summary report provides an evaluation of groundwater data from August 3, 1994 to November 13, 1996. The tasks described above are included in Appendices B through H.

A. Tables and Graphs of Groundwater Quality Including Hydrographs:

Currently ten monitoring wells are used to monitor the Scholz plant ash pond and associated site features. In addition, four piezometers MW-103, MW-105, MW-110A and MW-112 are used to collect more comprehensive water level data from this site.

The tables (Table 1) of water quality data are located in Appendix B. Hydrographs including rainfall and water levels as requested is included in Appendix C. In addition, a table of water levels (table 2) and rainfall (table 3) are also located in Appendix C for the permit time period.

B. A Comparison of Water Quality Results between Upgradient Wells and Downgradient Wells (Intermediate and Compliance):

A comparison of upgradient and downgradient wells is presented in Table 4 (Appendix D). Page 1 presents the five compliance wells and one background well MW-205MD. A summary of the tables is as follows:

Floridan Aquifer wells:
In respect to Cadmium, Chromium, Lead, Mercury, and Selenium, these constituents were either non detect for all events or detected slightly above the detection limit in the Floridan Aquifer wells. Monitor wells MW-203MD and MW-210MD have had a slightly decreased pH. Also, MW-210MD has had elevated Sulfate and Nickel values. Nickel was detected below the detection limits for the August 3, 1994 event and has been slightly over and under the standard of 0.10 mg/L since the August, 1994 sampling event. These results and theories of this occurrence have been submitted to the Department and will be discussed below.

In respect to Gross Alpha, the majority of the laboratory results have been non detect. Well MW-210MD had a detection of Gross Alpha at 16+/-13 pCi/L. This value was thought to be suspect and a confirmation sampling event was conducted on September 13, 1995. Gross Alpha was non detect.

Surficial Aquifer:
The surficial aquifer monitoring wells consist of MW-205S (background), MW-203S, MW-204S and MW-210S. In all sampling events conducted, Cadmium and Mercury have not been detected above the detection limits of 0.01 mg/L and 0.00020 mg/L respectively. In addition, Nickel has been non detect with the exception of well MW-203S which has ranged from non detect to a maximum level of 0.062 mg/L.

Lead has been detected in the background well MW-205S as well as MW-203S, and MW-204S. Lead and Chromium have been detected above State water quality standards for MW-203S. However, the confirmation sampling event required in this permit did not verify the previous readings.

In reference to additional parameters detected in shallow wells at Plant Scholz, Gross Beta, Specific Conductivity, Tubidity, and Gross Alpha are higher in downgradient wells than the background well MW-205S levels. Also, Gross Alpha was non detect in every sampling event in the background well with non detect to below State water quality standards in the downgradient wells.

C. A Summary of All Violations of Applicable Water Standards:

Since last permit issuance, Chromium and Lead have been detected in excess of State water quality standards in well MW-203S. During the November 7, 1994 sampling event Lead was detected at 0.032 mg/L. Resampling was immediately scheduled and results for this well were below detection limits. In reference to Chromium and Lead detected during the July 24, 1996 sampling event the Turbidity level for this well was 780 NTU. A re-sampling was conducted on September 4, 1996 and these levels were not confirmed (both Lead and Chromium were non detect). Chromium and Lead are natural metals often detected in Northwest Florida.

Monitor well MW-210 MD detected Gross Alpha at a concentration of 16+/-13 pCi/L (Radium 226 was non detect) on July 26, 1995. A re-sampling of this well did not detect Gross Alpha.

Nickel has been detected from time to time in well MW-210MD. The results from this well are illustrated in Table 1. This occurrence was reported to the Northwest District Office. We conducted a re-sampling event which resulted in a level over 0.10 mg/L. At this point we conducted an operational review for sources of Nickel. Based on interviews with Plant personnel, no sources could be located. Other monitor wells were then reviewed to determine whether this was an anomalous value. In review of sampling events at Plant Scholz, only one other well had detected Nickel (well MW-203S detected Nickel below 0.10 mg/L). In addition, the wells closest to the ash pond (in the Surficial and Floridan Aquifers) appear to indicate that the ash pond is not the source of this constituent.

As an additional investigative measure, Gulf Power Company had some natural formation material, present above the Floridan Aquifer analyzed for Nickel. This sample resulted from the installation of well MW-210MD. During the well installation, a low permeable blue clay layer was encountered. Due to dissolution of the Floridan Aquifer (as noted in the lithologic logs submitted to the Department), some slumping often occurs from the upper units. Slumping could cause the clay unit to come in direct contact with the Floridan Aquifer. In support of this theory, the shallow well near MW-210MD (210S) which is screened above this unit has been below detection limits for Nickel. Also, previous shallow and deep cluster wells (110 and 110A) did not detect nickel above the MCL. A copy of the analytical results conducted and issued to the Department on June 26, 1995. The concentration detected in this low permeability unit was 7.0 mg/kg nickel.

Based on the information above, it appears that no violations in water quality standards have occurred which are related to site operations.

D. Groundwater Contour Maps for Each Sampling Event:

Potentiometric maps for the Surficial and Floridan Aquifers have been prepared and are located in Appendices G and H. Groundwater flow in the Surficial Aquifer is consistently toward monitor well MW-203S.

The Floridan Aquifer flow is primarily toward the Appalachicola River with some events, such as April 26, 1995, July 26, 1995, October 17, 1995, illustrating a groundwater mound in the vicinity of MW-212MD and PZ-112. During this period, rainfall was somewhat elevated. In respect to the January 11, 1996 potentiometric map (Figure 17), this water level depiction is thought to be suspect.

E. A Discussion of Any Data that is Thought to be Inconsistent or Suspect:

In review of the water quality data and water levels collected since permit issuance, the following water levels look inconsistent or suspect:

- Water level in PZ-110A on April 26, 1995 (see table 2)
- Water levels in PZ-103 and PZ-105 on January 11, 1996.
- The flow map of the Floridan Aquifer on January 11, 1996 appears to be suspect. It is inconsistent with previous and subsequent events. It is assumed in this report to be non representative of site conditions. No abnormal rainfall has occurred during this time period.
- Groundwater data which was not confirmed by a subsequent sampling.

F. A Summary of the Physical Condition of the Monitoring System. This should be based on a Visual Observation and Sampling Records:

A physical evaluation of the monitoring system occurred on October 9, 1996. All wells were in good condition and properly sealed. On November 13, 1996, monitor well MW-210S was dry. Subsequent sampling of this well indicates it is in good working order.

Monitor wells not needed for future monitoring were abandoned in accordance with Specific Condition 37. These wells consisted of 104A, 104B, 113, 111, 112A, 105 and wells A, B & C depicted in the July 15, 1993 report entitled "Proposed Groundwater Monitoring Plan, Gulf Power Company, Scholz Electric Generating The well abandonment permits issued by the Northwest Florida Water Management District are located in Appendix I.

In review of the purge sheets required by this permit from time to time, monitor well MW-203S and MW-210S were purged dry. On November 13, 1996, monitor well MW-210S was dry. As stated in Specific Condition 33 of the permit, "The Surficial Aquifer monitoring wells shall be routinely sampled depending on water availability. Lack of water in Surficial wells during routine sampling shall not constitute a violation of this permit".

Samples collected from monitor well MW-203S have been turbid during purging operations. Gulf Power Company will re-develop this well in the future to ensure representative water quality samples.

Further Interpretation of Water Quality (Graphs):

This section addresses notable trends that were observed from the water quality graphs found in Appendices E and F.

Surficial Aquifer:

MW-203S: Increases in Iron and Aluminum were noted from water quality graphs. These increases correspond generally with decrease in water level within the well.

MW-204S: A slight increase in Sulfate is noted over time in well.

MW-205S: A slight increase in Chlorides are observed over time from the water quality graphs. In addition, a general increase in pH can be found on the water quality graph.

MW-210S: A decrease in pH is observed over time in this well.

Floridan Aquifer:

MW-203MD: A decrease in Sulfate and TDS is observed over time.

MW-204MD: No notable trends.

MW-205MD: A very slight increase in Chloride is noted during this monitoring period.

MW-210MD: No notable trends.

MW-212MD: A very slight decrease in Chlorides, a decrease in TDS and Sulfate is illustrated in the water quality graphs. A slight increase in pH was noted over time.

WSW-2: A decrease in Sulfate is observed over time.

No other discernible trends could be obtained from the water quality graphs included in this report. Data will be reviewed into the future for trends analysis.

Recommendations for Future Monitoring:

It is the intent of these summary reports to provide for the evaluation of water quality data and make adjustments to monitoring as needed. Based on my review of the analytical data, Cadmium, Mercury and Selenium should dropped from further groundwater monitoring operations. These three parameters have either been non detect for every event (Cadmium) or detected slightly over the detection limit on a rare occasion (Mercury and Selenium).

In respect to Radionuclides, an annual sampling of all regular monitoring wells should take place for Gross Alpha. As stated in Specific Condition 36, in the event that a groundwater sample analysis results in a gross alpha above 5 pCi/L, the radium 226 level shall be determined on the original sample. If the radium 226 is above 3 pCi/L, radium 228 should be determined on the original sample. In respect to Gross Beta, it is recommended that this parameter be dropped.

Gulf Power Company
500 Bayfront Parkway
Post Office Box 12830
Pensacola, FL 32520
Telephone 904 444-6111

File ENG 10-2-4 RA
Scholz Groundwater JH

Gulf Power

STICK POSTAGE STAMPS TO ARTIC
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September 25,1996

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -
Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the third quarter 1996 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Crist
The gross alpha and the combined radium 226 and radium 228 concentrations were elevated in well MW-4D. We are continuing our investigation to determine the reason for these elevated readings.

Plant Scholz
Well 203S had elevated concentrations of chromium and lead in the original sample collected on 07/24/96. The confirmation sample, however, had a lead concentration of <0.0050 mg/l, and a <0.010 mg/l concentration of chromium.

Well 210MD had a nickel concentration of 0.14 mg/l when sampled on 07/24/96. The confirmation sample collected on 09/04/96 had a nickel concentration of 0.20 mg/l. Gulf Power Company believes this is due to the presence of nickel in the natural formation material above the Floridan Aquifer. For more information, please see the cover letters of the second and third quarterly groundwater reports in 1995.

Well 210S was dry on 07/24/96, when the other wells were sampled. However it was successfully sampled when Savannah Laboratories returned for the confirmation sampling on 09/04/96.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

James O. Vick
Supervisor of Environmental Affairs
jn
Enclosure

cc: John Dominey
Stan Houston
Lewis Jeffers
Colen Lee
Mike Markey
Joe Martin
Joe Neese
Kenton Peacock

Gulf Power Company
One Energy Place
Post Office Box 12830
Pensacola, FL 32520-0328
Telephone 904 444-6676

M. L. Gilchrist
Director, Environmental Affairs

ENC 10-2-1-4 Scholz
SC Groundwater

Gulf Power

June 26, 1995

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -
Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the second quarter 1995 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Smith

The gross alpha, radium 226 and 228 concentrations in compliance well M-3 were above the standard.

Plant Scholz

There was an exceedance of the primary drinking water standards for nickel in compliance well 210MD. The analytical result showed we had a 0.14 mg/l concentration of nickel in this well. The re-sampling of this well indicated a level of 0.20 mg/l.

A search, for operational sources of nickel which would impact groundwater has already been conducted due to the exceedance last month. No sources could be found.

One possible source of nickel we discussed last quarter is the natural formation material present above the Floridan Aquifer. During the installation of 210MD, a blue clay was encountered above the Floridan Aquifer. Due to the dissolution of the Floridan Aquifer, slumping often

occurs from the upper units. Slumping could cause the clay unit to come in direct contact with the Floridan Aquifer. We had a portion of this blue clay (from a split spoon sample we saved during the drilling of the well) analyzed for nickel and found that nickel was present in this soil sample at a concentration of 7.0 mg/kg (see attached report). We believe this is evidence that nickel occurs in the soil in the area of this well. In support of this theory, the shallow well near 210MD (210S) has been below detection limits for nickel. Also, sampling of the previous shallow and deep cluster wells (110 and 110A) did not detect nickel above the MCL.

All of the information above suggests that nickel is not related to site operations. As stated previously continued monitoring should be conducted to evaluate the presence of this constituent.

Savannah Laboratories did not check the elevation in the old wells when they were sampling. They did, however, check the elevation in all wells on their trip to re-sample 210MD.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

jn
Enclosure

cc: Rachel Allen
Jim Babbitt
John Dominey
Stan Houston
Colen Lee
Bill Lyford
Mike Markey
Pat Parker
Kenton Peacock
Jim Vick

ENC 10-2-1-4
SC Groundwater

Gulf Power

March 3, 1995

CERTIFIED MAIL

Mr. Bobby A. Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -
Plant Crist - Permit No. I017-109985
Plant Smith - Permit No. I003-189373
Plant Scholz - Permit No. I003-104819

Enclosed are the first quarter 1995 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Smith
The gross alpha concentration in compliance well M-3 was above the 15 pCi/L standard.

Plant Scholz
There was an exceedance of the primary drinking water standards for nickel in compliance well 210MD. Resampling was scheduled and completed as discussed during our last meeting with Mr. Rick Bradburn. The results of this resample of well 210MD were slightly over the 0.10 mg/l MCL. We split the sample with two laboratories and the total nickel results were 0.12 mg/l and 0.11 mg/l. The dissolved nickel results (filtered through a 1.0 micron filter) were 0.11 mg/l and 0.12 mg/l.

A search, for operational sources of nickel which would impact groundwater was conducted. No sources could be found. As illustrated on the attached table, no other wells have detected nickel in excess of the MCL. In fact, only one other well has detected nickel on one single event. The fact that wells closest to the ash pond in the Surficial and Floridan Aquifer have not detected the presence of nickel, indicates that the ash pond is not the source of this constituent.

One possible source of nickel is the natural formation material present above the Floridan Aquifer. During the installation of 210MD, a blue clay was encountered above the Floridan Aquifer. Due to the dissolution of the Floridan Aquifer, some slumping often occurs from the upper units. Slumping would cause the clay unit to come in direct contact with the Floridan Aquifer. In support of this theory, the shallow well near 210MD (210S) has been below detection limits for nickel. Also, sampling of the previous shallow and deep cluster wells (110 and 110A) did not detect nickel above the MCL.

All of the information above suggests that nickel is not related to site operations. We propose that this well be closely watched for the next four quarters to determine if nickel concentrations are increasing or decreasing.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

s:jhn/1995gw1
Enclosures

cc: Rachel Allen
Jim Babbitt
John Dominey
Stan Houston
Colen Lee
Bill Lyford
Mike Markey
Pat Parker
Kenton Peacock
Jim Vick

ENR 10-2-1-4
SC Groundwater

Gulf Power
the southern electric system

January 17, 1995

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -
Plant Crist - Permit No. I017-109985
Plant Smith - Permit No. I003-189373
Plant Scholz - Permit No. I003-104819

Enclosed are the fourth quarter 1994 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Crist

There were no exceedances of the primary drinking water standards in our compliance wells. The gross alpha concentrations in intermediate well LF18 and compliance well LF33 were above 5.0 pCi/L requiring radium 226 and 228 analyses. Those results are included in this report.

The compliance well WSW-5 (a plant water supply well) was out of service for maintenance during most of the quarter. As a result, this sample could not be collected until December 20, 1994.

Plant Smith

The gross alpha concentration in compliance well M-3, intermediate wells 9-3A, 9-7 and 9-9 were above the 15 pCi/L standard. All samples for gross alpha that were above 5.0 pCi/L were analysed for radium 226, and when those results were above 3.0 pCi/L, analysis for radium 228 was also performed. Those results are included with this report.

Plant Scholz

There was one exceedance of the primary drinking water standards for lead in compliance well 203S and one exceedance for nickel in compliance well 210MD. Resampling was immediately scheduled and the results of this resample of well 203S for lead was below detectable limits. However, nickel was still present in 210MD and was slightly above the primary drinking water standard of 0.10 mg/l at 0.16 mg/l. Mike Markey and Joe Neese met with Rick Bradburn of your department to discuss our plans. It was agreed that we would redevelope the well and resample.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

jn
Enclosure

cc: Rachel Allen
Jim Babbitt
John Dominey
Colen Lee
Bill Lyford
Greg Terry
Jerry Mintz
Jim Vick

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-22972B
Received: 17 JUN 98
Reported: 19 JUN 98

Mr. Joe Neese
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Client PO. No.: B-91-410-291

Project: Crist Assessment
Sampled By: T. Ashley
Code: 132480619

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
22972B-1	CRIST MW-1S	06-10-98/1046
22972B-2	CRIST MW-1D	06-10-98/1110
22972B-3	CRIST MW-2S	06-10-98/1730
22972B-4	CRIST MW-3S	06-10-98/1159
22972B-5	CRIST MW-3D	06-10-98/1402

PARAMETER	22972B-1	22972B-2	22972B-3	22972B-4	22972B-5
Nickel (200.7), mg/l	<0.040	<0.040	<0.040	<0.040	<0.040

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

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One Energy Place
Pensacola, FL 32520-0328

Client PO. No.: B-91-410-291

Project: Crist Assessment
Sampled By: T. Ashley
Code: 132480619

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
22972B-6	CRIST MW-4S	06-11-98/1250
22972B-7	CRIST MW-4D	06-11-98/1225
22972B-8	CRIST MW-5S	06-10-98/1459
22972B-9	CRIST MW-5D	06-10-98/1550
22972B-10	CRIST MW-8S	06-11-98/1446

PARAMETER	22972B-6	22972B-7	22972B-8	22972B-9	22972B-10
Nickel (200.7), mg/l	<0.040	<0.040	<0.040	<0.040	<0.040

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

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Pensacola, FL 32520-0328

Client PO. No.: B-91-410-291

Project: Crist Assessment
Sampled By: T. Ashley
Code: 132480619

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
22972B-11	CRIST MW-8D	06-11-98/1325
22972B-12	CRIST MW-1P	06-10-98/1644
22972B-13	CRIST MW-2P	06-10-98/1038
22972B-14	CRIST WSW-5	06-11-98/1545

PARAMETER	22972B-11	22972B-12	22972B-13	22972B-14
Nickel (200.7), mg/l	<0.040	<0.040	<0.040	<0.040

REFERENCE: EPA 40 CFR Part 136
Savannah Laboratories Florida DHRS Certification No. E87089 and DEP CQAP No. 890142G.

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-22972B
Received: 17 JUN 98
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Mr. Joe Neese
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Client PO. No.: B-91-410-291

Project: Crist Assessment
Sampled By: T. Ashley
Code: 132480619

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
22972B-15	Method Blank	
22972B-16	Lab Control Standard % Recovery	
22972B-17	Precision (%RPD) of LCS/LCSD	

PARAMETER	22972B-15	22972B-16	22972B-17
Nickel (200.7), mg/l	<0.040	96 %	1.0 %

J. Michael Nance, Project Manager

Final Page Of Report

Serial Number 176

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
QUARTERLY		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
FL	T. ASHLEY	FAX

CLIENT NAME	CLIENT PROJECT MANAGER
GULF POWER CO.	M. NANCE

CLIENT ADDRESS (CITY, STATE, ZIP)

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: CL, TDS, TSS, SO4 — METALS — 624 GCMS — 625 GCMS B — 226/228

PAGE 1 OF 1

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6/11/98	1250		· MW-4S	1 1 1 1 2	~~ADDITIONS~~
	1225		· MW-4D	1 1 1 1 2	ADDITIONAL WATER
	1446		· MW-8S	1 1 1 1 2	LEVELS
	1325		· MW-8D	1 1 1 1 2	
	1545		· WSW-5	1 1 1 1 2	
↓	1256		EQUIP. BLANK	1 1 1 1 2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Tom Ashley	6/11/98	1710			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
O. Manning	6/12/98	0821	☐ YES ☐ NO		MB 22972	

Serial Number 44798

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
QUARTERLY		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
FL	T. ASHLEY	FAX

CLIENT NAME	CLIENT PROJECT MANAGER
GULF POWER CO/ST	M. NANCE

CLIENT ADDRESS (CITY, STATE, ZIP)

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES

PAGE 1 OF 1

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX	METALS	1,4 TDS, TSS, SO4	GROSS α	GROSS β	226/228	FILTERED METALS	1,4 TDS, SO4	FILTERED GROSS α	FILTERED GROSS β	FILTERED 226/228	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6/10/98	1046		MW-1S		HNO3	H2SO4	HNO3	HNO3							1 1 1 1 2	*FILTERED ANALYSIS DUE 6/15/98
	1110		MW-1D												1 1 1 1 2	
	1644		MW-1P												1 1 1 1 2	
	1730		MW-2S												1 1 1 1 2	
	1538		MW-2P												1 1 1 1 2	
	1402		MW-3D												1 1 1 1 2	
	1159		MW-3S												1 1 1 1 2	
	1459		MW-5S												1 1 1 1 2	
↓	1550		MW-5D												1 1 1 1 2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			Jim Ashley	6/10/98	1905			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
O. Manning	6/11/98	0836	☐ YES ☐ NO		M8 22972	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M7-30279
Received: 14 JAN 97
Reported: 10 FEB 97

Mr. Lewis Jeffers
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, FL 32460

CC: Mr. Leslie Villareal

Project: NPDES Application Form 2C
Sampled By: M. Wilson
Code: 150070213

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
30279-1	Scholz Plant Intake Grab	01-14-97
30279-2	Scholz Plant Discharge Grab	01-14-97
30279-3	Scholz Ashpond Discharge Grab	01-14-97

PARAMETER	30279-1	30279-2	30279-3
Oil & Grease, Total (EPA 413.1)			
O&G (EPA 413.1), mg/l	<1.0	<1.0	<1.0
Date/Time Analyzed	01.16/0800	01.16/0800	01.16/0800
Analyst	TES	TES	TES
Total Recoverable Phenolics (EPA 420.1)			
Phenolics, Total Recoverable (420.1), mg/l	<0.010	<0.010	<0.010
Date/Time Analyzed	01.17/0900	01.17/0900	01.17/0900
Analyst	TES	TES	TES
Total Cyanide (EPA 335.2)			
Cyanide, mg/l	<0.010	<0.010	<0.010
Date/Time Analyzed	01.21/1745	01.21/1745	01.21/1745
Analyst	CH	CH	CH
Fecal Coliforms - MF			
Coliforms (SM 9222D), col/100ml	100	1600	240
Date/Time Analyzed	01.14/1546	01.14/1546	01.14/1546
Analyst	AKC	AKC	AKC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M7-30279
Received: 14 JAN 97
Reported: 10 FEB 97

Mr. Lewis Jeffers
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, FL 32460

CC: Mr. Leslie Villareal

Project: NPDES Application Form 2C
Sampled By: M. Wilson
Code: 150070213

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
30279-4	Scholz Plant Intake Composite	01-14-97
30279-5	Scholz Plant Discharge Composite	01-14-97
30279-6	Scholz Ashpond Discharge Composite	01-14-97

PARAMETER	30279-4	30279-5	30279-6
Biochemical Oxygen Demand,Carb (SM 5210B)			
Biochemical Oxygen Demand - carbonaceous, mg/l	<2.0	<2.0	<2.0
Date/Time Analyzed	01.15/1600	01.15/1600	01.15/1600
Analyst	DD	DD	DD
Chemical Oxygen Demand (SM 5220)			
Chemical Oxygen Demand, mg/l	<20	<20	<20
Date/Time Analyzed	01.20/0945	01.20/0945	01.20/0945
Analyst	AKC	AKC	AKC
Organic Carbon, Total (EPA 415.1/5310B)			
TOC (EPA 415.1), mg/l	5.2	5.2	3.3
Date/Time Analyzed	01.17/1940	01.17/1940	01.17/1940
Analyst	AKC	AKC	AKC
Total Suspended Solids (160.2)			
TSS (EPA 160.2), mg/l	16	8.4	<2.0
Date/Time Analyzed	01.16/1330	01.17/1510	01.17/1510
Analyst	KW	KW	KW
Ammonia as N (EPA 350.1)			
Ammonia-N, mg/l	0.066	0.060	<0.030
Date/Time Analyzed	01.17/1620	01.17/1620	01.17/1620
Analyst	BB	BB	BB
Bromide (320.1)			
Bromide, mg/l	2.0	<2.0	2.5
Date/Time Analyzed	01.21/1400	01.21/1400	01.21/1400
Analyst	KW	KW	KW

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LOG NO: M7-30279
Received: 14 JAN 97
Reported: 10 FEB 97

Mr. Lewis Jeffers
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, FL 32460

CC: Mr. Leslie Villareal

Project: NPDES Application Form 2C
Sampled By: M. Wilson
Code: 150070213

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
30279-4	Scholz Plant Intake Composite	01-14-97
30279-5	Scholz Plant Discharge Composite	01-14-97
30279-6	Scholz Ashpond Discharge Composite	01-14-97

PARAMETER	30279-4	30279-5	30279-6
Color APHA, PCU	<5	10	<5
Fluoride (EPA 340.2)			
Fluoride, mg/l	<2.0	<2.0	0.25
Date/Time Analyzed	01.17/0955	01.17/0955	01.17/0955
Analyst	DD	DD	DD
Nitrate+Nitrite (EPA 353.2)			
Nitrate+Nitrite (as N), mg/l	0.46	0.45	<0.050
Date/Time Analyzed	01.20/1444	01.20/1444	01.20/1444
Analyst	BB	BB	BB
Total Kjeldahl Nitrogen - N (EPA 351.2)			
Kjeldahl Nitrogen-N, mg/l	0.45	0.42	0.16
Date/Time Analyzed	01.17/1051	01.17/1051	01.17/1051
Analyst	BB	BB	BB
Phosphorus (EPA 365.4)			
Phosphorus, Total, mg/l	<0.10	<0.10	<0.10
Date/Time Analyzed	01.17/1051	01.17/1051	01.17/1051
Analyst	BB	BB	BB
Gross Alpha, pCi/l	<3.0	<3.0	<3.0
Gross Beta, pCi/l	<4.0	<4.0	8.8+/-4.0
Radium 226, pCi/l	<0.60	<0.60	<0.60
Radium 228, pCi/l	<1.0	<1.0	<1.0

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PARAMETER	30279-4	30279-5	30279-6
Sulfate as SO4 (SM 4500D)			
Sulfate, mg/l	8.4	46	210
Date/Time Analyzed	01.17/1350	01.17/1350	01.17/1350
Analyst	KW	KW	KW
Hydrogen Sulfide (376.2)			
Sulfide, Total, mg/l	<0.040	<0.040	<0.040
Date/Time Analyzed	01.15/1735	01.15/1735	01.15/1735
Analyst	CH	CH	CH
Sulfite			
Sodium Sulfite, mg/l	<1.0	<1.0	<1.0
Date/Time Analyzed	01.15/1100	01.15/1100	01.15/1100
Analyst	DD	DD	DD
Surfactants (MBAS-EPA 425.1), mg/l	<0.10	<0.10	<0.10
Aluminum (EPA 200.7)			
Aluminum, mg/l	1.1	1.4	<0.10
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Barium (EPA 200.7)			
Barium, mg/l	0.019	0.019	0.063
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB

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PARAMETER	30279-4	30279-5	30279-6
Boron (200.7)			
Boron, mg/l	<0.050	<0.050	2.4
Prep or Extraction Date	01.22.97	01.22.97	01.22.97
Date Analyzed	01.23/1120	01.23/1112	01.23/1117
Analyst	TL	TL	TL
Cobalt (EPA 200.7)			
Cobalt, mg/l	<0.010	<0.010	<0.010
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Iron (EPA 200.7)			
Iron, mg/l	1.2	1.4	0.088
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Magnesium (EPA 200.7)			
Magnesium, mg/l	1.3	1.4	8.7
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Molybdenum (200.7)			
Molybdenum, mg/l	<0.010	<0.010	0.076
Prep or Extraction Date	01.22.97	01.22.97	01.22.97
Date Analyzed	01.23/1120	01.23/1112	01.23/1117
Analyst	TL	TL	TL

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PARAMETER	30279-4	30279-5	30279-6
Manganese (EPA 200.7)			
Manganese, mg/l	0.035	0.044	0.054
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Tin (200.7)			
Tin, mg/l	<0.050	<0.050	<0.050
Prep or Extraction Date	01.22.97	01.22.97	01.22.97
Date Analyzed	01.23/1120	01.23/1112	01.23/1117
Analyst	TL	TL	TL
Titanium (EPA 200.7)			
Titanium, mg/l	0.025	0.026	<0.010
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Antimony (EPA 200.7)			
Antimony, mg/l	<0.0060	<0.0060	<0.0060
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Total Arsenic (SM 3114)			
Arsenic, mg/l	<0.0020	<0.0020	0.034
Date/Time Analyzed	01.20/1529	01.20/1532	01.20/1534
Analyst	LE/JC	LE/JC	LE/JC

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PARAMETER	30279-4	30279-5	30279-6
Beryllium (EPA 200.7)			
Beryllium, mg/l	<0.0040	<0.0040	<0.0040
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Cadmium (EPA 200.7)			
Cadmium, mg/l	<0.0050	<0.0050	<0.0050
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Total Chromium (EPA 200.7)			
Chromium, mg/l	<0.010	<0.010	<0.010
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Total Copper (EPA 200.7)			
Copper, mg/l	<0.010	<0.010	<0.010
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Lead (EPA 239.2)			
Lead, mg/l	<0.0050	<0.0050	<0.0050
Date/Time Analyzed	01.20/1813	01.20/1758	01.20/1803
Analyst	LE	LE	LE
Mercury (EPA 245.1)			
Mercury, mg/l	<0.00020	<0.00020	<0.00020
Date/Time Analyzed	01.17/1138	01.17/1147	01.17/1145
Analyst	JC	JC	JC

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PARAMETER	30279-4	30279-5	30279-6
Total Nickel (EPA 200.7)			
Nickel, mg/l	<0.020	<0.020	<0.020
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Selenium (SM 3114)			
Selenium, mg/l	<0.0020	<0.0020	<0.0020
Date/Time Analyzed	01.20/1149	01.20/1152	01.20/1155
Analyst	LE/JC	LE/JC	LE/JC
Silver (EPA 200.7)			
Silver, mg/l	<0.010	<0.010	<0.010
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
Thallium (EPA 279.2)			
Thallium, mg/l	<0.010	<0.010	<0.010
Date/Time Analyzed	01.20/1212	01.20/1216	01.20/1220
Analyst	VP	VP	VP
Zinc (EPA 200.7)			
Zinc, mg/l	<0.020	<0.020	<0.020
Date/Time Analyzed	01.21/1604	01.21/1604	01.21/1604
Analyst	RJB	RJB	RJB
2,3,7,8-TCDD, ug/l	<0.0050	<0.0050	<0.0050

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PARAMETER	30279-4	30279-5	30279-6
Volatile Organic Compounds (624)			
Acrolein, ug/l	<100	<100	<100
Acrylonitrile, ug/l	<100	<100	<100
Benzene, ug/l	<5.0	<5.0	<5.0
Bromoform, ug/l	<5.0	<5.0	<5.0
Carbon tetrachloride, ug/l	<5.0	<5.0	<5.0
Chlorobenzene, ug/l	<5.0	<5.0	<5.0
Dibromochloromethane, ug/l	<5.0	<5.0	<5.0
Chloroethane, ug/l	<10	<10	<10
2-Chloroethylvinyl ether, ug/l	<50	<50	<50
Chloroform, ug/l	<5.0	<5.0	<5.0
Dichlorobromomethane, ug/l	<5.0	<5.0	<5.0
Dichlorodifluoromethane, ug/l	<5.0	<5.0	<5.0
1,1-Dichloroethane, ug/l	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/l	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<5.0
1,2-Dichloropropane, ug/l	<5.0	<5.0	<5.0
1,3-Dichloropropylene, ug/l	<5.0	<5.0	<5.0
Ethylbenzene, ug/l	<5.0	<5.0	<5.0
Bromomethane, ug/l	<10	<10	<10
Chloromethane, ug/l	<10	<10	<10
Methylene chloride (Dichloromethane), ug/l	<5.0	<5.0	<5.0

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PARAMETER	30279-4	30279-5	30279-6
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<5.0
Tetrachloroethene, ug/l	<5.0	<5.0	<5.0
Toluene, ug/l	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene, ug/l	<5.0	<5.0	<5.0
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<5.0
Trichloroethylene, ug/l	<5.0	<5.0	<5.0
Trichlorofluoromethane, ug/l	<5.0	<5.0	<5.0
Vinyl chloride, ug/l	<10	<10	<10
Xylenes, ug/l	<5.0	<5.0	<5.0
Acid Extractable Organics (625)			
2-Chlorophenol, ug/l	<10	<10	<10
2,4-Dichlorophenol, ug/l	<10	<10	<10
2,4-Dimethylphenol, ug/l	<10	<10	<10
4,6-Dinitro-2-methylphenol, ug/l	<50	<50	<50
2,4-Dinitrophenol, ug/l	<50	<50	<50
2-Nitrophenol, ug/l	<10	<10	<10
4-Nitrophenol, ug/l	<50	<50	<50
p-Chloro-m-cresol, ug/l	<10	<10	<10
Pentachlorophenol, ug/l	<50	<50	<50
Phenol, ug/l	<10	<10	<10
2,4,6-Trichlorophenol, ug/l	<10	<10	<10

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PARAMETER	30279-4	30279-5	30279-6
Base Neutral Compounds (625)			
Acenaphthene, ug/l	<10	<10	<10
Acenaphthylene, ug/l	<10	<10	<10
Anthracene, ug/l	<10	<10	<10
Benzidine, ug/l	<80	<80	<80
Benzo(a)anthracene, ug/l	<10	<10	<10
Benzo(a)pyrene, ug/l	<10	<10	<10
3,4-Benzofluoranthene, ug/l	<10	<10	<10
Benzo(g,h,i)perylene, ug/l	<10	<10	<10
Benzo(k)fluoranthene, ug/l	<10	<10	<10
bis(2-Chloroethoxy)methane, ug/l	<10	<10	<10
bis(2-Chloroethyl)ether, ug/l	<10	<10	<10
bis(2-Chloroisopropyl)ether, ug/l	<10	<10	<10
bis(2-Ethylhexyl)phthalate, ug/l	<10	<10	<10
4-Bromophenyl phenyl ether, ug/l	<10	<10	<10
Butylbenzylphthalate, ug/l	<10	<10	<10
2-Chloronaphthalene, ug/l	<10	<10	<10
4-Chlorophenylphenyl ether, ug/l	<10	<10	<10
Chrysene, ug/l	<10	<10	<10
Dibenzo(a,h)anthracene, ug/l	<10	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10	<10
1,3-Dichlorobenzene, ug/l	<10	<10	<10

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PARAMETER	30279-4	30279-5	30279-6
1,4-Dichlorobenzene, ug/l	<10	<10	<10
3,3'-Dichlorobenzidine, ug/l	<20	<20	<20
Diethylphthalate, ug/l	<10	<10	<10
Dimethylphthalate, ug/l	<10	<10	<10
Di-n-butylphthalate, ug/l	<10	<10	<10
2,4-Dinitrotoluene, ug/l	<10	<10	<10
2,6-Dinitrotoluene, ug/l	<10	<10	<10
Di-n-octylphthalate, ug/l	<10	<10	<10
1,2-Diphenylhydrazine, ug/l	<10	<10	<10
Fluoranthene, ug/l	<10	<10	<10
Fluorene, ug/l	<10	<10	<10
Hexachlorobenzene, ug/l	<10	<10	<10
Hexachlorobutadiene, ug/l	<10	<10	<10
Hexachlorocyclopentadiene, ug/l	<10	<10	<10
Hexachloroethane, ug/l	<10	<10	<10
Indeno(1,2,3-cd)pyrene, ug/l	<10	<10	<10
Isophorone, ug/l	<10	<10	<10
Naphthalene, ug/l	<10	<10	<10
Nitrobenzene, ug/l	<10	<10	<10
N-Nitrosodimethylamine, ug/l	<10	<10	<10
n-Nitrosodi-n-propylamine, ug/l	<10	<10	<10
N-Nitrosodiphenylamine/Diphenylamine, ug/l	<10	<10	<10
Phenanthrene, ug/l	<10	<10	<10
Pyrene, ug/l	<10	<10	<10
1,2,4-Trichlorobenzene, ug/l	<10	<10	<10

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PARAMETER	30279-4	30279-5	30279-6
Hardness as CaCO3, mg/l	30	33	270
Specific Conductance (EPA 120.1) Specific Conductance, umhos/cm	100	100	600
Date/Time Analyzed	01.20/1415	01.20/1415	01.20/1415
Analyst	KW	KW	KW

REFERENCE: EPA 40 CFR Part 136
Savannah Laboratories' Florida DHRS Certification Nos. E87089, E84282, E86221, & E87502 and Florida DEP CQAP No. 890142G.

J. Michael Nance, Project Manager

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Serial Number 55090

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
NPDES Application Form 2C		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL.	Michael R. Wilson	904-593-6421	904-593-3005

CLIENT NAME: Gulf Power Company Scholz Electric Generating Plant
CLIENT PROJECT MANAGER:
CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460

MATRIX TYPE: AQUEOUS (WATER) ✓ | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES

PAGE ___ OF ___

☐ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: ASAP

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	Oil + Grease (H_2SO_4)	Total Phenols (H_2SO_4)	Total Cyanide (NaOH)	VOC (HCl)	Fecal Coliform (Already in Container)	REMARKS
1-13-97	9:52 Am		Plant Intake - Oil + Grease - Grab	1					Field Tests @ 1:43 pm 1-13-97
1-13-97	9:55 Am		Plant Intake - Total Phenols - Grab		1				pH = 7.54
1-13-97	9:58 Am		Plant Intake - Total Cyanide - Grab			1			Temp. = 10.9°C
1-13-97	12:00 N		Plant Intake - VOC - Grab #1				2		Total Residual Chlorine = 0.0 mg/L
1-13-97	6:00 Pm		Plant Intake - VOC - Grab #2				2		
1-13-97	12:00 MN		Plant Intake - VOC - Grab #3				2		Inflow Discharge for 24hr Period = 90,000 gal/min.
1-14-97	6:00 AM		Plant Intake - VOC - Grab #4				2		129.6 MGD
1-14-97	9:58 Am		Plant Intake - Fecal Coliform - Grab					2	Intake, 0.3

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	1-14-97	11:14	Phillip E. Bass	1-14-97	1440			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Phillip E Bass	1-14-97	11:14 AM						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	1-14-97	1440	☐ YES ☐		30279	

Serial Number 54159

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
NPDES Application Form 2C		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL.	Michael R. Wilson	904-593-6421	904-593-3005

CLIENT NAME	CLIENT PROJECT MANAGER
Gulf Power Company Scholz Electric Generating Plant	

CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460

PAGE ___ OF ___

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: ASAP

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	REQUIRED ANALYSES: Acid, Base, Neutral EXT.	2,3,7,8 TCDD (613)	TOC	BOD, TSS, BR, Color, F, SO_4	Metals	GR. Alph + Beta Rads.	H_2S	COD, NH_3, NO_3+NO_2, TKN, P	NUMBER OF CONTAINERS SUBMITTED: Only Ice	Only Ice	HCL	Only Ice	HNO_3	HNO_3	Zn Acetate	H_2SO_4	REMARKS
1-13-97	0700		Plant Discharge - Acid, Base, Neutral EXT - Composite	✓				2																
1-14-97	0700																							
1-13-97	0700		Plant Discharge - 2,3,7,8 TCDD (613) - Composite	✓					2															
1-14-97	0700																							
1-13-97	0700		Plant Discharge - TOC - Composite	✓						1														
1-14-97	0700																							
1-13-97	0700		Plant Discharge - BOD, TSS, BR, Color, F, SO_4 - Composite	✓							3													
1-14-97	0700																							
1-13-97	0700		Plant Discharge - Metals - Composite	✓								1												
1-14-97	0700																							
1-13-97	0700		Plant Discharge - GR. Alph + Beta Rads - Composite	✓									4											
1-14-97	0700																							
1-13-97	0700		Plant Discharge - H_2S - Composite	✓										1										
1-14-97	0700																							
1-13-97	0700		Plant Discharge - COD, NH_3, NO_3+NO_2, TKN, P - Composite	✓											1									
1-14-97	0700																							

REMARKS: Field Test: @ 0700 Composite pH = 7.71

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	1-14-97	11:10AM	Phillip E. Bass	1-14-97	1440			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Phillip E Bass	1-14-97	11:10AM						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Trina Howell	1-14-97	1441	☐ YES ☐		30279	

Serial Number 45191

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-258
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-669
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-704
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-116

PROJECT REFERENCE: NPDES Application Form 2C
PROJECT NO.:
P.O. NUMBER:
PROJECT LOC. (State): FL.
SAMPLER(s) NAME: Michael R. Wilson
PHONE: 904-593-6421
FAX: 904-593-3005
CLIENT NAME: Gulf Power Company Scholz Electric Generating Plant
CLIENT PROJECT MANAGER:
CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460

PAGE: 1 OF 1

STANDARD REPORT DELIVERY ☐
EXPEDITED REPORT DELIVERY (surcharge) ☐
Date Due: ASAP

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Acid, Base, Neutral EXT - Composite	2,3,7,8 TCDD (613) - Composite	TOC - Composite	BOD, TSS, BR, Color, F, SO4 - Composite	Metals - Composite	GR. Alph + Beta Rads. - Composite	COD, NH3, NO3+NO2, TKN, P - Composite	H2S - Composite	REMARKS
			REQUIRED ANALYSES					Only Ice	Only Ice	HCL	Only Ice	HNO3	HNO3	H2SO4	Zn Acetate	
			NUMBER OF CONTAINERS SUBMITTED													
1-13-97	0700		Ash Pond Discharge - Acid, Base, Neutral EXT - Composite	✓				2								Field Test: @ 1-14 Composite pH = 7.90
1-14-97	0700		Ash Pond Discharge - 2,3,7,8 TCDD (613) - Composite	✓					2							
1-13-97	0700		Ash Pond Discharge - TOC - Composite	✓						1						
1-14-97	0700		Ash Pond Discharge - BOD, TSS, BR, Color, F, SO4 - Composite	✓							3					
1-13-97	0700		Ash Pond Discharge - Metals - Composite	✓								1				
1-14-97	0700		Ash Pond Discharge - GR. Alph + Beta Rads. - Composite	✓									4			
1-13-97	0700		Ash Pond Discharge - COD, NH3, NO3+NO2, TKN, P - Composite	✓										1		
1-14-97	0700		Ash Pond Discharge - H2S - Composite	✓											1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	1-14-97	11:12A	Phillip E. Bass	1-14-97	1440			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Phillip E. Bass	1-14-97	11:12A						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	1-14-97	1440	☐ YES ☐		30279	1.1

Serial Number 54162

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
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☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
NPDES Application Form 2C		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL.	Michael R. Wilson	904-593-6421	904-593-3005

CLIENT NAME	CLIENT PROJECT MANAGER
Gulf Power Company Scholz Electric Generating Plant	

CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Oil & Grease; Total Phenols; Total Cyanide; VOC; Fecal Coliform

PAGE ___ OF ___

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: ASAP

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	Aqueous (Water)	Solid or Semisolid	Air	Nonaqueous Liquid (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: Oil & Grease	Total Phenols	Total Cyanide	VOC	Fecal Coliform	REMARKS
								H_2SO_4	H_2SO_4	NaOH	HCl	Air-tight Container	
1-13-97	10:08 AM		Plant Discharge – Oil & Grease – Grab	✓				1					Field Tests: @ 1-13
1-13-97	10:11 AM		Plant Discharge – Total Phenols – Grab	✓					1				pH = 7.45
1-13-97	10:14 AM		Plant Discharge – Total Cyanide – Grab	✓						1			Temp. = 13.5°C
1-13-97	12:00 N		Plant Discharge – VOC – Grab #1	✓							2		Total Residual Chlorine = 0.01 mg/L
1-13-97	6:00 PM		Plant Discharge – VOC – Grab #2	✓							2		
1-13-97	12:00 MN		Plant Discharge – VOC – Grab #3	✓							2		Discharge for 24 hr. Period:
1-14-97	6:00 AM		Plant Discharge – VOC – Grab #4	✓							2		90,000 gals./min.
1-14-97	10:11 AM		Plant Discharge – Fecal Coliform – Grab	✓								2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	1-14-97	11:13A	Phillip E. Bass	1-14-97	1440			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Phillip E Bass	1-14-97	11:13 AM						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	1-14-97	1441	☐ YES ☐		30279	2C

Serial Number 46063

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
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PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
NPDES Application Form 2C		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL.	Michael R. Wilson	904-593-6421	904-593-3005

CLIENT NAME: Gulf Power Company Scholz Electric Generating Plant
CLIENT PROJECT MANAGER:
CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460

PAGE: OF

☐ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharg
Date Due: ASAP

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	REQUIRED ANALYSES: Oil + Grease	Total Phenols	Total Cyanide	VOC	Fecal Coliform	NUMBER OF CONTAINERS SUBMITTED: H_2SO_4	H_2SO_4	NaOH	HCl	Already in Cianuro	REMARKS
1-13-97	10:20 AM		Ash Pond Discharge - Oil + Grease - Grab	✓									1					
1-13-97	10:23 AM		Ash Pond Discharge - Total Phenols - Grab	✓										1				
1-13-97	10:26 AM		Ash Pond Discharge - Total Cyanide - Grab	✓											1			
1-13-97	12:00 N		Ash Pond Discharge - VOC - Grab #1	✓												2		
1-13-97	6:00 PM		Ash Pond Discharge - VOC - Grab #2	✓												2		
1-13-97	12:00 MN		Ash Pond Discharge - VOC - Grab #3	✓												2		
1-14-97	6:00 AM		Ash Pond Discharge - VOC - Grab #4	✓												2		
1-14-97	10:25 AM		Ash Pond Discharge - Fecal Coliform - Grab	✓													2	

REMARKS:
Field Tests: @ 2107 1-13-9
pH = 7.90
Temp. = 8.6 °C
Total Residual Chlorine = 0.0 mg/
Discharge for 24 hr. Period = Historical Data, .768 MGD a

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	1-14-97	11:15A	Phillip E. Bass	1-14-97	1440			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Phillip E. Bass	1-14-97	1615 AM						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SDG NO.	LABORATORY REMARKS:
	1-14-97	1440	☐ YES ☐		3079	

Serial Number 55006

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-016
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-950
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-258
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-669
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-704
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-116

PROJECT REFERENCE: NPDES Application Form 2C
PROJECT NO.:
P.O. NUMBER:
PROJECT LOC. (State): FL
SAMPLER(s) NAME: Michael R. Wilson
PHONE: 904-593-6421
FAX: 904-593-3005
CLIENT NAME: Gulf Power Company Scholz Electric Generating Plant
CLIENT PROJECT MANAGER:
CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460

PAGE: 1 OF 1

STANDARD REPORT DELIVERY ☐
EXPEDITED REPORT DELIVERY (surcharge) ☐
Date Due: ASAP

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: Only Ice	Acid, Base, Neutral EXT: Only Ice	2,3,7,8 TCDD (613): HCl	TOC: Only Ice	BOD, TSS, GR, Color, F, SO_4: HNO_3	Metals: HNO_3	GR. Alph & Beta Rads.: H_2SO_4	COD, NH_3, NO_3+NO_2, TKN, P: Zn Acetate	H_2S
1-13-97	0700		Plant Intake-Acid, Base, Neutral EXT-Composite	✓				2								
1-14-97	0700															
1-13-97	0700		Plant Intake-2,3,7,8 TCDD(613)-Composite	✓					2							
1-14-97	0700															
1-13-97	0700		Plant Intake - TOC - Composite	✓							1					
1-14-97	0700															
1-13-97	0700		Plant Intake - BOD, TSS, GR, Color, F, SO_4 - Composite	✓								3				
1-14-97	0700															
1-13-97	0700		Plant Intake - Metals - Composite	✓									1			
1-14-97	0700															
1-13-97	0700		Plant Intake - GR. Alph + Beta Rads. - Composite	✓										4		
1-14-97	0700															
1-13-97	0700		Plant Intake - COD, NH_3, NO_3+NO_2, TKN, P - Composite	✓											1	
1-14-97	0700															
1-13-97	0700		Plant Intake - H_2S - Composite	✓												1
1-14-97	0700															

REMARKS: Field test: @ Composite pH = 7.55

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	1-14-97	11:11A	Phillip E Bass	1-14-97	1440			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Phillip E. Bass	1-14-97	11:11AM.						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	1-14-97	1440	☐ YES ☐		30279	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

00 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

June 3, 1998

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Re: Additional nickel data for Scholz Plant MW-210MD

Dear Mike:

On April 3, 1998 Savannah Laboratories re-sampled MW-210MD for the determination of cadmium as requested by Gulf Power. I had our metals analyst review this analytical data to determine if the ICP scan was extended to include nickel in this analysis and if so whether the quality control measures were acceptable for reporting the data.

The nickel was determined to be 0.11 mg/l with acceptable QC data for reporting. The percent recovery (accuracy) of the laboratory control standard and laboratory control standard duplicate (LCS/LCSD) for nickel was 99% and 98% with a precision (relative percent difference) of 1%. The method blank was less than the practical quantitation limit.

Savannah Laboratories quality assurance objective for nickel by EPA method 200.7 is 75-125% recovery for accuracy and 0-20% RPD for precision.

If you have any questions, call me.

Sincerely,

J. Michael Nance
Project Manager

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

) Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-21752
Received: 03 APR 98
Reported: 16 APR 98

Mr. Joe Neese
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Scholz Resample
Sampled By: T. Ashley
Code: 091180416
Page 1

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
21752-1	Scholz MW-210MD	04-03-98/1300

PARAMETER	21752-1
Cadmium (EPA 200.7)	
Cadmium, mg/l	<0.0050
Date/Time Analyzed	04.07/1133
Analyst	RJB
Field pH, units	6.3
Temperature (taken in field), Degrees C	23
Turbidity (taken in field) (180.1), NTU	5.36
Specific Conductance (Taken in Field), umhos/cm	1100
Depth to Groundwater from T.O.C. (EPASOP), ft.	43.12
Water Elevation (ft. above NGVD), ft.	51.30

REFERENCE: EPA 40 CFR Part 136
Savannah Laboratories Florida DHRS Certification No. E87089 and DEP CQAP No. 890142G.

N: 0.11
04.07/1133

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

) Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-22810
Received: 03 JUN 98
Reported: 11 JUN 98

Mr. Kenny Peacock
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, FL 32460

CC: Joe Neese/Mike Markey

Project: Special Request
Sampled By: M. R. Wilson
Code: 135080611

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
22810-1	Scholz Ashpond Discharge	06-02-98/0830

PARAMETER	22810-1				
Total Nickel (EPA 200.7)					
Nickel, mg/l	<0.040				
Date/Time Analyzed	06.09/1014				
Analyst	RJB				

REFERENCE: EPA 40 CFR Part 136

J. Michael Nance, Project Manager

Final Page Of Report

Serial Number 93[illegible]9

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (954) 421-7400	Fax: (954) 421-2584
☑ 900 Lakeside Drive, Mobile, AL 36693	Phone: (334) 666-6633	Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE: Special Request	PROJECT NO.	P.O. NUMBER
PROJECT LOC. (State): FL.	SAMPLER(s) NAME: Michael R. Wilson	PHONE: 850-593-6421 / FAX: 850-593-3005
CLIENT NAME: Gulf Power Company Scholz Electric Generating Plant	CLIENT PROJECT MANAGER	
CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460		

MATRIX TYPE: AQUEOUS (WATER) ✓ | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Nickel; 4ml HNO_3

PAGE | OF

☑ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6-2-98	8:03 AM		Ash Pond Discharge - Nickel - Grab	1	Special Request sample from Mike Markey - Nickel analysis only. Thanks

ORIGINAL

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	6-2-98	8:47 AM	Ricky K. Whitley	6-2-98	2:15			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Ricky K. Whitley	6-2-98	8:47 am	[signature]	6/2/98	2/5			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
J. Mollette	6-3-98	1316	☐ YES ☐ NO		MS 22810	[illegible] 1.6 °C

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-0328
Telephone 904 444-6236

FILE NUMBER
~~22-159~~
22-25

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

Gulf Power
the southern electric system

August 28, 1991

CERTIFIED MAIL

Mr. Robert V. Kriegel
Florida Department of Environmental Regulation
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Kriegel:

Facility I.D. No. 1017P00570 CRIST ELECTRIC GENERATING PLANT
Facility I.D. No. 1003P02800 SMITH ELECTRIC GENERATING PLANT
Facility I.D. No. 1032P37371 SCHOLZ ELECTRIC GENERATING PLANT

Attached is a copy of the Discharge Monitoring Reports (DMR's) for each of the referenced facilities for July 1991. Please note the following:

1017P00570

The maximum zinc concentration at the 001 discharge was 0.036 mg/l, or 0.006 mg/l above the 0.03 standard. The background Escambia River zinc concentration was 0.011 mg/l.

Due to equipment failures, we do not have temperatures to report for the 001 discharge from July 19th thru July 24th. A lightning strike on the 19th caused damage to both the data transmitting equipment at the 001 station and to data receiving equipment located at the plant. Due to inclement weather and the remote location of the 001 station, a damage determination could not be made until the following day. Repairs to the system were initiated on the 21st but due to continued equipment malfunctions, we were not able to obtain continuous temperature data until July 25th.

We are presently gathering supplemental information concerning operating conditions at the plant during the period in question which will help to demonstrate that the plant was meeting all thermal conditions of the operating permits. We will report this information to you as soon as it is available.

FL 000 2267

The maximum copper concentration at the 001 discharge was above the 0.015 mg/l standard with a value of 0.040 mg/l. However, the corresponding intake copper level was also above the standard at 0.040 mg/l.

Also at 001, the maximum mercury concentration was above the 0.0001 mg/l standard with a value of 0.0014 mg/l. Please note, however, that the corresponding intake mercury level was 0.0017 mg/l.

There were no other exceedances of permit conditions during the month of July. If any questions arise concerning the information in these reports, please call me at (904) 444-6236.

Sincerely,

rc/0008RLA

Attachments

cc: Ms. R. L. Allen
Mr. J. A. Babbitt
Mr. C. R. Lee
Mr. W. T. Lyford, III
Mr. M. F. Oaks
Mr. P. Parker
Mr. J. O. Vick

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

MONTH 07 YEAR 91

FACILITY NAME Gulf Power Co. - Scholz

FACILITY I.D. # 1032P37371

PERMIT # I032-113566

SAMPLE SITE GMS I.D. # 1032X10741

SAMPLE SITE LOCATION Main plant discharge

FACILITY ADDRESS

CITY COUNTY

PHONE #

FACILITY LOCATION

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

8/28/91
DATE

DATE	Ni (MG/L)	Se (MG/L)	Zn (MG/L)	PCBS (ug/l)			
1							
2	<.020	<.005	<.010	<0.50			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18	<.020	<.010	<.010				
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVG.							

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-0328
Telephone 904 444-6236

22.15.9

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

Gulf Power
the southern electric system

August 28, 1991

CERTIFIED MAIL

U.S. Environmental Protection Agency
Region IV
Industrial Operation Section
Room 224
345 Courtland Street
Atlanta, Georgia 30365

Gentlemen:

FL 000 2275 CRIST ELECTRIC GENERATING PLANT
FL 000 2267 SMITH ELECTRIC GENERATING PLANT
FL 000 2283 SCHOLZ ELECTRIC GENERATING PLANT

Attached is a copy of the Discharge Monitoring Reports (DMR's) for each of the referenced facilities for July 1991. Please note the following:

FL 000 2275

The maximum zinc concentration at the 001 discharge was 0.036 mg/l, or 0.006 mg/l above the 0.03 standard. The background Escambia River zinc concentration was 0.011 mg/l.

Due to equipment failures, we do not have temperatures to report for the 001 discharge from July 19th thru July 24th. A lightning strike on the 19th caused damage to both the data transmitting equipment at the 001 station and to data receiving equipment located at the plant. Due to inclement weather and the remote location of the 001 station, a damage determination could not be made until the following day. Repairs to the system were initiated on the 21st but due to continued equipment malfunctions, we were not able to obtain continuous temperature data until July 25th.

We are presently gathering supplemental information concerning operating conditions at the plant during the period in question which will help to demonstrate that the plant was meeting all thermal conditions of the operating permits. We will report this information to you as soon as it is available.

FL 000 2267

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Also at 001, the maximum mercury concentration was above the 0.0001 mg/l standard with a value of 0.0014 mg/l. Please note, however, that the corresponding intake mercury level was 0.0017 mg/l.

There were no other exceedances of permit conditions during the month of July. If any questions arise concerning the information in these reports, please call me at (904) 444-6236.

Sincerely,

rc/0008RLA

Attachments

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Mr. J. A. Babbitt
Mr. C. R. Lee
Mr. W. T. Lyford, III
Mr. M. F. Oaks
Mr. P. Parker
Mr. J. O. Vick

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if di

NAME GULF P[illegible] CO. - SCHOLZ STEAM

ADDRESS PO BOX [illegible]51

PENSACOLA FL 32520

FACILITY

LOCATION

ATTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

FL0002283 — PERMIT NUMBER

001 A — DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR 91 (20-21) MO 07 (22-23) DAY 01 (24-25) TO YEAR 91 (26-27) MO 07 (28-29) DAY 31 (30-31)

MAJOR
(SUPP PE)
F - FINAL
ONCE-THRU COOLING WATER

*** NO DISCHARGE [__] ***

Form Approved.
OMB No. 2040-0004.
Approval expires 6-30-91.

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	93	99	(15)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	REPORT DAILY AV	REPORT INST MX	DEG.F		FOUR/ DAY	INSTAN
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******	( )	*******	82	84	(15)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	REPORT DAILY AV	REPORT INST MX	DEG.F		FOUR/ DAY	INSTAN
PH 00400 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	6.57	*******	7.09	(12)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	8.5 MAXIMUM	SU		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLAN 50050 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	129.0	(03)	*******	*******	*******	( )	0		
	PERMIT REQUIREMENT	*******	REPORT INST MX	MGD	*******	*******	*******	**** ****		HOURLY	PMPLOG
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	No Chlorination	(19)			
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.20 INST MX	MG/L		WEEKLY	GRAB
CHLORINATION 00068 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	No Chlorination	(58)			
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	120 DAILY MX	MIN/ DAY		DAILY	PMPLOG
CHLORINATION 00068 Q 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	No Chlorination	(58)			
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	120 DAILY MX	MIN/ DAY		DAILY	PMPLOG

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

L. GILCHRIST, MANAGER OF
CL & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 — NUMBER 444-6236

DATE: YEAR 08 — MO 28 — DAY 91

ENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NITORING POINT P=UNIT 1; Q=UNIT 2

ERMITTEE NAME/ADD (Include
cility Name/Location if di
AME GULF P CO. - SCHOLZ STEAM
DDRESS PO BOX 1151
PENSACOLA FL 32520
CILITY
CATION
ATTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISC
DISCHARGE MOI
(2-16)
FL0002283
PERMIT NUMBER

ELIMINATION SYSTEM (NPDES)
ING REPORT (DMR)
(17-19)
001 0
DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 91 MO 07 DAY 01 TO YEAR 91 MO 09 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR
(SUBR PR)
F - FINAL
COOLING WATER - QUARTERLY MIN

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004.
Approval expires 6-30-91.

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
OIL AND GREASE	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	< 1.0	(19)			
(SOXHLET EXTR.) TOT	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	DAILY MX	MG/L	0	1/MTH	GRAB
00550 1 0 0											
EFFLUENT GROSS VALU											
ARSENIC, TOTAL	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	< .005	(19)			
(AS AS)	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.05 DAILY MX	MG/L	0	1/MTH	GRAB
01002 1 0 0											
EFFLUENT GROSS VALU											
CHROMIUM, TOTAL	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	< .010	(19)			
(AS CR)	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	1.0 DAILY MX	MG/L	0	1/MTH	GRAB
01034 1 0 0											
EFFLUENT GROSS VALU											
COPPER, TOTAL	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	< .010	(19)			
(AS CU)	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.03 DAILY MX	MG/L	0	1/MTH	GRAB
01042 1 0 0											
EFFLUENT GROSS VALU											
IRON, TOTAL	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	0.57	(19)			
(AS FE)	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	1.0 DAILY MX	MG/L	0	1/MTH	GRAB
01045 1 0 0											
EFFLUENT GROSS VALU											
IRON, TOTAL	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	0.61	(19)			
(AS FE)	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	MG/L	0	1/MTH	GRAB
01045 7 0 0											
INTAKE; FROM STREAM											
LEAD, TOTAL	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	< .005	(19)			
(AS PB)	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.03 DAILY MX	MG/L	0	1/MTH	GRAB
01051 1 0 0											
EFFLUENT GROSS VALU											

E/TITLE PRINCIPAL EXECUTIVE OFFICER

L. GILCHRIST, MANAGER OF
EL & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C § 1001 AND 33 U.S.C § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 08 | MO 28 | DAY 91

ENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

PLIANCE OFFICER: IF INFLUENT IRON >1.0 MG/L, SEE STATE CERTIFICATION

ERMITTEE NAME/ADD (Include
cility Name/Location if dif
AME GULF P CO. - SCHOLZ STEAM
DDRESS PO BOX 1151
PENSACOLA FL 32520

CILITY

CATION

ATTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISCHARGE MON (2-16)
FL0002283
PERMIT NUMBER

LIMINATION SYSTEM (NPDES) ING REPORT (DMR) (17-19)
001 0
DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 91 MO 07 DAY 01 TO YEAR 91 MO 08 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR
(SUBR PE)
F - FINAL
COOLING WATER - QUARTERLY MON

*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-0004.
Approval expires 6-30-91.

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	<0.0002	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.0002 DAILY MX	MG/L		MONTHLY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	31	(13)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	800 DAILY MX	#/ 100ML		MONTHLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

E/TITLE PRINCIPAL EXECUTIVE OFFICER

L. GILCHRIST, MANAGER OF
EL & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
904	444-6236	08	28	91

IENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

MPLIANCE OFFICER: IF INFLUENT IRON >1.0 MG/L, SEE STATE CERTIFICATION

Facility Name/Location if diff-
NAME Gulf Pow 2. - Scholz
ADDRESS P. O. Bo 51
Pensacola, FL 32520
FACILITY
LOCATION

DISCHARGE MO ING REPORT (DMR)
(2-16) (17-19)

FL0002283 — PERMIT NUMBER
001 Y — DISCHARGE NUMBER

Cooling Water - Annual Monitoring

Form A OMB No. 2040-0004 Expires 3-31-88

MONITORING PERIOD

FROM YEAR (20-21)	MO (22-23)	DAY (24-25)	TO YEAR (26-27)	MO (28-29)	DAY (30-31)
91	01	01	91	12	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
olychlorinated iphenyls (PCBs) 9516 1 0 0	SAMPLE MEASUREMENT	XXX	XXX	XXX	XXX	XXX	< 0.50	ug/1			
	PERMIT REQUIREMENT	XXX	XXX		XXX	XXX	0.0			Annual	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 08 | MO 28 | DAY 91

ENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME GULF POWER CO. - SCHOLZ STEAM
ADDRESS PO BOX 1151
PENSACOLA FL 32520
FACILITY
LOCATION
ATTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(2-16) FL0002283 — PERMIT NUMBER

(17-19) 002 A — DISCHARGE NUMBER

MAJOR (SUBR PE) F - FINAL ASH POND

Form Approved. OMB No. 2040-0004. Approval expires 6-30-91.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	91	07	01	TO	91	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
H 00400 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	6.73	*******	7.33	(12)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	8.5 MAXIMUM	SU		WEEKLY	GRAB
OLIDS, TOTAL USPENDED 0530 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	15	71	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	30 DAILY AV	90 DAILY MX	MG/L		SEE COMPOS PERMIT	
IL AND GREASE SOXHLET EXTR.) TOT 0550 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	< 1.0	< 1.0	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	15 DAILY AV	20 DAILY MX	MG/L		SEE PERMIT	GRAB
OW, IN CONDUIT OR IRU TREATMENT PLAN 0050 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	3.064	(03)	*******	*******	*******	( )	0		
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		WEEKLY	INSTAN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
L. GILCHRIST, MANAGER OF
EL & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 USC § 1319. *(Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 — NUMBER 444-6236

DATE: YEAR 08 — MO 28 — DAY 91

ENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

ility Name/Location if diff
ME Gulf Po Co. - Scholz
DRESS P. O. Box 1151
Pensacola, FL 32520
CILITY Sneads, Florida
CATION

DISCHARGE MON NG REPORT (DMR) (2-16) (17-19)

FL0002283 — PERMIT NUMBER

002 Y — DISCHARGE NUMBER

Ash Pond - Annual Monitoring

Form Ap
OMB No. [illegible]-0004
Expires 3-31-88

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	91	01	01	TO	91	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
MERCURY, TOTAL 71900 1 0 0	SAMPLE MEASUREMENT	XXX	XXX	XXX	XXX	XXX	0.00063	mg/l	0	NOTE 1	
	PERMIT REQUIREMENT	XXX	XXX		XXX	XXX	REPORT				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

E/TITLE PRINCIPAL EXECUTIVE OFFICER

L. GILCHRIST, MANAGER OF
EL & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
904	444-6236	08	28	91
AREA CODE	NUMBER	YEAR	MO	DAY

ENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TE1: This is the highest value for this parameter so far this year.

orm 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME GULF P[illegible] CO. - SCHOLZ STEAM

ADDRESS PO BOX [illegible]

PENSACOLA FL 32520

FACILITY

LOCATION

ATTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISCHARGE MOI (2-16): FL0002283 — PERMIT NUMBER

ELIMINATION SYSTEM (NPDES) ING REPORT (DMR) (17-19): 002 Q — DISCHARGE NUMBER

MAJOR
(SUPR PE)
F - FINAL
ASH POND - QUARTERLY MONITOR

Form Approved.
OMB No. 2040-0004.
Approval expires 6-30-91.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	91	07	01	TO	91	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
RSENIC, TOTAL (AS AS) 1002 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	0.066	(19)	0		1
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	MG/L		QTRLY	GRAB
ADMIUM, TOTAL (AS CD) 1027 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	< .005	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	MG/L		QTRLY	GRAB
OPPER, TOTAL (AS CU) 1042 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	< .010	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	MG/L		QTRLY	GRAB
RON, TOTAL (AS FE) 1045 1 0 0 FFLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	0.047	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	MG/L		QTRLY	GRAB
LENIUM, TOTAL (AS SE) 1147 1 0 0 FLUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******	( )	*******	*******	0.013	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

E/TITLE PRINCIPAL EXECUTIVE OFFICER

L. GILCHRIST, MANAGER OF
EL & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C § 1001 AND 33 U.S.C § 1319. *(Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 — NUMBER 444-6236

DATE: YEAR 08 — MO 28 — DAY 91

ENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

PERMITTEE NAME/ADDR (Include Facility Name/Location if diff)
NAME GULF P[illegible] CO. - SCHOLZ STEAM
ADDRESS PO BOX 1151
PENSACOLA FL 32520
FACILITY
LOCATION
ATTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISCH DISCHARGE MON (2-16)
FL0002283 PERMIT NUMBER

LIMINATION SYSTEM (NPDES) NG REPORT (DMR) (17-19)
003 A DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
METAL CLEANING WASTES

Form Approved.
OMB No. 2040-0004.
Approval expires 6-30-9[illegible].

MONITORING PERIOD
FROM YEAR 91 MO 07 DAY 01 (20-21) (22-23) (24-25)
TO YEAR 91 MO 07 DAY 31 (26-27) (28-29) (30-31)

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	AVERAGE	(46-53) MAXIMUM	(54-61) UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW, GALLONS/BATCH	SAMPLE MEASUREMENT	No Discharge		(53)	*******	*******	*******	( )			
00164 1 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	GPB				**** ****		1/BATCH/CALC	18
EFFLUENT GROSS VALU										BATCH	
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*******	*******	( )	*******	No Discharge		(19)			
01042 1 0 0	PERMIT REQUIREMENT			**** ****		DAILY AV	DAILY MX	MG/L		1/BATCH/GRAB	18
EFFLUENT GROSS VALU										BATCH	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*******	*******	( )	*******	No Discharge		(19)			
01045 1 0 0	PERMIT REQUIREMENT			**** ****		DAILY AV	DAILY MX	MG/L		1/BATCH/GRAB	18
EFFLUENT GROSS VALU										BATCH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
L. GILCHRIST, MANAGER OF
L & ENVIRONMENTAL AFFAIRS
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 NUMBER 444-6236
DATE: YEAR 91 MO 08 DAY 28

NT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NO CLEANINGS/MONTH REPORT SAME VALUE IN BOTH COLUMNS. FOR TWO OR MORE CLEANINGS/MONTH REPORT AVERAGE ALL BATCHES UNDER "DAILY AV" AND HIGHEST SINGLE BATCH UNDER "DAILY MX."

rm 3320-1 (Rev. 9-88) Previous editions may be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

RMITTEE NAME/ADDR (Include
ility Name/Location if dif)
ME GULF P CO. - SCHOLZ STEAM
DRESS PO BOX 1151
PENSACOLA FL 32520

CILITY

CATION
TTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISCH
DISCHARGE MON
(2-16)
FL0002233
PERMIT NUMBER

LIMINATION SYSTEM (NPDES)
NG REPORT (DMR)
(17-19)
004 A
DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
SANITARY WASTES

Form Approved.
OMB No. 2040-0004.
Approval expires 6-30-91.

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	91	07	01		91	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(3 Card Only) QUANTITY OR LOADING (54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(4 Card Only) QUALITY OR CONCENTRATION (46-53) AVERAGE	(4 Card Only) QUALITY OR CONCENTRATION (54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
LOW, IN CONDUIT OR	SAMPLE MEASUREMENT	.0008	.0027	(03)	*******	********	********	( )	0		
HRU TREATMENT PLANT	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	MGD				***** *****		DAILY	REPRES
0050 1 0 0	SAMPLE MEASUREMENT										
EFLUENT GROSS VALU	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

E/TITLE PRINCIPAL EXECUTIVE OFFICER

L. GILCHRIST, MANAGER OF
L & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
904	444-6236	08	28	91
AREA CODE	NUMBER	YEAR	MO	DAY

ENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

RMITTEE NAME/ADDR ...nclude
ity Name/Location if dif...
ME GULF PO... CO. - SCHOLZ STEAM
DRESS PO BOX 1151
PENSACOLA FL 32520
EILITY
CATION
TTN: MICHAEL OAKS, ENV. AFFAIRS COOR.

NATIONAL POLLUTANT DISCH ...IMINATION SYSTEM (NPDES)
DISCHARGE MON... NG REPORT (DMR)
(2-16) (17-19)

FL0002283 — PERMIT NUMBER
004 Q — DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 91 MO 07 DAY 01 (20-21) (22-23) (24-25)
TO YEAR 91 MO 09 DAY 30 (26-27) (28-29) (30-31)

MAJOR
(SUBR PE)
F - FINAL
SANITARY WASTE - QUARTERLY MON

*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-0004.
Approval expires 6-30-91.

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
OD, 5-DAY (20 DEG. C) 0310 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	******	( )	******	8	8	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****		DAILY AV	DAILY MX	MG/L		WKLY	GRAB
OLIDS, TOTAL SUSPENDED 0530 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	******	( )	******	7	7	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****		DAILY AV	DAILY MX	MG/L		WKLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

E/TITLE PRINCIPAL EXECUTIVE OFFICER

L. GILCHRIST, MANAGER OF
L & ENVIRONMENTAL AFFAIRS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C § 1001 AND 33 U.S.C § 1319. *(Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
904	444-6236	08	28	91

ENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME Gulf Power Company
ADDRESS P. O. Box 1151
Pensacola, Florida 32520

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0
Expires 2-29-84

FL 000 2283 (2 16) PERMIT NUMBER
001 (17 19) DISCHARGE NUMBER
MONITORING PERIOD
DER Plant I.D. No. 1032P37371
DER Sampling Point I.D.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME Gulf Power Company

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2 16) (17 19)

Form Approved
OMB No. 2040-00
Expires 2-29-84

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME Gulf Power Company
ADDRESS P. O. Box 1151
Pensacola, Florida 32520
FACILITY Scholz Electric Generating Plant
LOCATION Sneads, Florida

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Expires 2-29-84

FL 000 2283 (2 16) PERMIT NUMBER
001 (17 19) DISCHARGE NUMBER
MONITORING PERIOD FROM YEAR 92 (20 21) MO 07 (22 23) DAY 01 (24 25) TO YEAR 92 (26 27) MO 07 (28 29) DAY 31 (30 31)
DER Plant I.D. No. 1032P37371
DER Sampling Point I.D. No. 1032X10741

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46 53) AVERAGE	(54 61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
50050 Flow	SAMPLE MEASUREMENT	77.34	129.6	MGD	***	***	***			1/hour	Pump Logs
	PERMIT REQUIREMENT	***	***		***	***	***			1/hour	Pump Logs
00011 (1) Intake Temperature	SAMPLE MEASUREMENT	83	86	°F	***	***	***			4/day	Instant.
	PERMIT REQUIREMENT	Report Daily Av	***		***	***	***			4/day	Instant.
00011 (1) Discharge Temperature	SAMPLE MEASUREMENT	94	101	°F	***	***	***			4/day	Instant.
	PERMIT REQUIREMENT	Report Daily Av	***		***	***	***			4/day	Instant.
50060 (2) Total Residual Chlorine	SAMPLE MEASUREMENT	***	***		***	***	NO CHLORINATION	mg/L		During Chlor.	Mult. Grab
	PERMIT REQUIREMENT	***	***		***	***	0.2			During Chlor.	Mult. Grab
00400 (3) pH	SAMPLE MEASUREMENT	***	***		7.27	***	7.50		0	1/month	Grab
	PERMIT REQUIREMENT	***	***		6.0	***	8.5	S.U.		1/month	Grab
00550 Oil and Grease	SAMPLE MEASUREMENT	***	***		***	***	2.4	mg/L	0	1/qtr.	Grab
	PERMIT REQUIREMENT	***	***		***	***	5.0			1/qtr.	Grab
Fecal Coliform	SAMPLE MEASUREMENT	***	***		***	***	950 (72400 MCA)		1	1/qtr.	Grab
	PERMIT REQUIREMENT	***	***		***	***	800/100 ml	S.U.		1/	Grab

NAME AND TITLE PRINCIPAL EXECUTIVE OFFICER
rge O. Layman
Director of Power

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE ... AND AM FAMILIAR WITH THE INFORMATION SUBMIT... ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATE... OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE ... PERSONALLY EXAMINED ... AND BASED ... RESPONSIBLE FOR ...

TELEPHONE ... TE

ADDRESS P. O. Box 1151
Pensacola, Florida 32520

FACILITY Scholz Electric Generating Plant
LOCATION Sneads, Florida

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0
Expires 2-29-84

(2-16) FL	2283 NUMBER	(17-19) 002 DISCHARGE NUMBER	Ash Pond

DER Plant I.D. No. 1032P37371

DER Sampling Point I.D. No. 1032X10757

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	92 (20-21)	07 (22-23)	01 (24-25)	TO	92 (26-27)	07 (28-29)	31 (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-47)		(4 Card Only) QUANTITY OR LOADING (46-51) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-51) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
50050	SAMPLE MEASUREMENT	.632	2.070	MGD	***	***	***			1/day	Weir Elev.
Fl (1)	PERMIT REQUIREMENT	***	***		***	***	***			1/wk.	Weir Wlev.
00550 (3)	SAMPLE MEASUREMENT	***	***		***	<1.0	<1.0	mg/L	0	1/2wks.	Grab
Oil and Grease	PERMIT REQUIREMENT	***	***		***	15	20			1/2wks.	Grab
00530 (3) Total Suspended Solids	SAMPLE MEASUREMENT	***	***		***	3.4	10	mg/L	0	1/wk.	Comp.
	PERMIT REQUIREMENT	***	***		***	30	90			1/wk.	Comp.
00400	SAMPLE MEASUREMENT	***	***		7.54	***	7.87		0	1/wk.	Grab
pH	PERMIT REQUIREMENT	***	***		6.0	***	8.5	S.U.		1/wk.	Grab
01002 (2)	SAMPLE MEASUREMENT	***	***		***	***	0.062			1/qtr.	Grab
Arsenic, As	PERMIT REQUIREMENT	***	***		***	***	***	mg/L		1/qtr.	Grab
01027	SAMPLE MEASUREMENT	***	***		***	***	<0.0050			1/qtr.	Grab
Cadmium, Cd	PERMIT REQUIREMENT	***	***		***	***	***	mg/L		1/qtr.	Grab
01042	SAMPLE MEASUREMENT	***	***		***	***	<0.010			1/qtr.	Grab
Copper, Cu	PERMIT REQUIREMENT	***	***		***	***	***	mg/L		1/qtr.	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

George O. Layman
Director of Power
Generation Resources
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 — NUMBER 444-6354

DATE: YEAR — MO — DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(1) State 403 permit requires daily flow measurements.

(2) Heavy Metals required by State 403 Permit only.

(3) Number of Additional samples due to > 2" rainfall events: ____.

EPA Form 33[illegible] (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED (REPLACES EPA [illegible]-40 WHICH MAY NOT BE USED.)

ADDRESS P. O. Box 1151
Pensacola, Florida 32520

FACILITY Scholz Electric Generating Plant
LOCATION Sneads, Florida

DISCHARGE MONITORING REPORT (DMR)

(2 16) FT 0 2283 PERMIT NUMBER

(17 19) 002 DISCHARGE NUMBER

Ash Pond

DER Plant I.D. No. 1032P37371

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	92 (20 21)	07 (22 23)	01 (24 25)	TO	92 (26 27)	07 (28 29)	31 (30 31)

DER Sampling Point I.D. No. 1032X10757

Form Approved
OMB No. 2040-0
Expires 2-29-84

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(4 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMP TYPE (69-70)
01045	SAMPLE MEASUREMENT	***	***		***	***	0.16	mg/L		1/qtr.	Grab
Iron, Fe	PERMIT REQUIREMENT	***	***		***	***	***			1/qtr.	Grab
01147	SAMPLE MEASUREMENT	***	***		***	***.	<0.0020	mg/L		1/qtr.	Grab
Selenium, Se	PERMIT REQUIREMENT	***	***		***	***	***			1/qtr.	Grab
01034	SAMPLE MEASUREMENT	***	***		***	***	<0.010	mg/L		1/yr.	Grab
Chromium, Cr	PERMIT REQUIREMENT	***	***		***	***	***			1/yr.	Grab
01051	SAMPLE MEASUREMENT	***	***		***	***	<0.0050	mg/L		1/yr.	Grab
Lead, Pb	PERMIT REQUIREMENT	***	***		***	***	***			1/yr.	Grab
71900	SAMPLE MEASUREMENT	***	***		***	***	<0.0020	mg/L		1/yr.	Grab
Mercury, Hg	PERMIT REQUIREMENT	***	***		***	***	***			1/yr.	Grab
01067	SAMPLE MEASUREMENT	***	***		***	***	<0.020	mg/L		1/yr.	Grab
Nickel, Ni	PERMIT REQUIREMENT	***	***		***	***	***			1/yr.	Grab
01092	SAMPLE MEASUREMENT	***	***		***	***	<0.020	mg/L		1/yr.	Grab
Zinc, Zn	PERMIT REQUIREMENT	***	***		***	***	***			1/yr.	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

George O. Layman
Director of Power
Generation Resources

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 NUMBER 444-6354

DATE: YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*)

EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED (REPLACES EPA M T-40 WHICH MAY NOT BE USED.)

NAME Gulf Power Company
ADDRESS P. O. Box 1151
Pensacola, Florida 32520

FACILITY Scholz Electric Generating Plant
LOCATION Sneads, Florida

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0
Expires 2-29-84

F[illegible] 2283 (2-16) IT NUMBER
003 (17-19) DISCHARGE NUMBER
Metal Cleaning Waste
DER Plant I.D. No. 1032P37371

MONITORING PERIOD
FROM YEAR 92 (20-21) MO 07 (22-23) DAY 01 (24-25) TO YEAR 92 (26-27) MO 07 (28-29) DAY 31 (30-31)

DER Sampling Point I.D. No. 1032X11510

NOTE: Read instructions before completing this form.

PARAMETER (32-47)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMP TYPE (69-70)
50050	SAMPLE MEASUREMENT			MGD	***	***	***			Batch	
Fl	PERMIT REQUIREMENT	***	***		***	***	***			Total	Calc
01042	SAMPLE MEASUREMENT	***	***		***	***				Batch	
Copper, Cu	PERMIT REQUIREMENT	***	***		***	***	1.0	mg/L		Total	Calc
01045	SAMPLE MEASUREMENT	***	***		***	***				8/Batch	Grab
Iron, Fe	PERMIT REQUIREMENT	***	***		***	***	1.0	mg/L		8/Batch	Grab
	SAMPLE MEASUREMENT									8/Batch	Grab
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
George O. Layman
Director of Power Generation Resources
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 904 (AREA CODE) 444-6354 (NUMBER)

DATE: YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(1) Metal Cleaning did _____ did not X _____ occur during sample month.

EPA Form 33[illegible] (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED (REPLACES EPA [illegible] 1-40 WHICH MAY NOT BE USED)

NAME Gulf Power Company
ADDRESS P. O. Box 1151
Pensacola, Florida 32520

FACILITY Scholz Electric Generating Plant
LOCATION Sneads, Florida

DISCHARGE MONITORING REPORT (DMR)

F 0 2283 — NUMBER

004 — DISCHARGE NUMBER

Sanitary Waste

DER Plant I.D. No. 1032P37371

DER Sampling Point I.D. No. 1032X11511

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	92	07	01		92	07	31

Form Approved
OMB No. 2040-00
Expires 2-29-84

NOTE: Read Instructions before completing this form.

PARAMETER		(4 Card Only) QUANTITY OR LOADING AVERAGE	MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
50050	SAMPLE MEASUREMENT	.0013	.0036	MGD	***	***	***			1/day	Rep.
DW	PERMIT REQUIREMENT	***	***		***	***	***			1/day	Rep.
Biochemical Oxygen Demand	SAMPLE MEASUREMENT	***	***		***	4	4	mg/L	0	1/qtr.	Grab
00530	PERMIT REQUIREMENT	***	***		***	30	60			1/qtr.	Grab
Total Suspended Solids	SAMPLE MEASUREMENT	***	***		***	13	13	mg/L	0	1/qtr.	Grab
	PERMIT REQUIREMENT	***	***		***	30	60			1/qtr.	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

George O. Layman
Director of Power
Generation Resources
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6354

DATE: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

A Form 3320 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED (REPLACES EPA F ... 40 WHICH MAY NOT BE USED.)

16
Rev. 5/90

GULF POWER COMPANY
SCHOLZ ELECTRIC GENERATING PLANT
INTAKE AND DISCHARGE TEMPERATURE DATA

Month of _____ , 19__

DATE	24 HOUR AVERAGE		MAXIMUM TEMPERATURE	
	INTAKE	DISCHARGE	INLET °F	DISCHARGE °F
1	81	86	81	86
2	81	86	82	90
3	80	82	82	96
4	84		[illegible]	
5	84	86	[illegible]	[illegible]
6	82	85	84	98
7	83	86	84	99
8	83	94	84	99
9	83	97	85	100
10	84	[illegible]	86	[illegible]
11	85	97	84	101
12	84	93	84	101
13	84	95	86	101
14	85	94	[illegible]	[illegible]
15	82	91	[illegible]	[illegible]
16	84	90	85	93
17	84	91	85	95
18	83	87	84	91
19	83	90	84	93
20	84	92	85	100
21	83	90	84	94
22	83	90	[illegible]	[illegible]
23	83	90	[illegible]	[illegible]
24	83	90	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]
27	84	[illegible]	[illegible]	[illegible]
28	84	89	[illegible]	[illegible]
29	84	94	84	100
30	84	92	[illegible]	100
31	84	94	85	100
MTHLY AVG	83	94	85	100
			MAX	101

Prepared by _____

Approved by _____ Date _____

ELECTRIC GENERATING PLANT

WATER SAMPLE DATA

	Sample Location	Sample Date	Sampler's Initials	Sample Time		Sample Method	Sample Type	Preservative
				Start	Stop			
***	Plant Intake	7/7/92	MJK	0725	0726	Grab	TSS	None
***	Plant Intake	7/7/92	MJK	0727	0728	Grab	O & G	5ML/Qt. Conc. H_2SO_4
**	Plant Intake	7/7/92	MJK	0729	0730	Grab	PCB's	Already in Sample Contai
*	Plant Discharge Canal	7/7/92	RBT	0731	0732	Grab	M	10ML/1/2 Gal. Conc. HNO_3
**	Plant Discharge Canal	7/7/92	RBT	0748	0749	Grab	O & G	5ML/Qt. Conc. H_2SO_4
*	Plant Discharge Canal	7/7/92	RBT	0753	0754	Grab	PCB's	Already in Sample Contain
**	Plant Discharge Canal			0746	0747	Grab	M	10ML/1/2 Gal. Conc. HNO_3
*	Plant Discharge Canal	7/8/92	MRW			Grab	M	10ML/1/2 Gal. Conc. HNO_3
	Plant Discharge Canal			2:40pm	2:42pm	Grab	Fecal Coliform	WATER SPIGOT
***	Ash Pond Discharge	7/7/92	RBT			Mult. Grab	Chlorine FAC & TRC	None
***	Ash Pond Discharge	7/14/92	MRW	7/6/92	7/7/92	Composite	TSS	None
***	Ash Pond Discharge	7/21/92	MTA	7/13/92	7/14/92	Composite	TSS	None
***	Ash Pond Discharge	7/28/92	MJK	7/20/92	7/21/92	Composite	TSS	None
***	Ash Pond Discharge			7/27/92	7/28/92	Composite	TSS	None
***	Ash Pond Discharge	7/7/92	RBT	0803	0809	Grab	O & G	5ML/Qt. Conc. H_2SO_4
***	Ash Pond Discharge	7/21/92	MTA	0735	0737	Grab	O & G	5ML/Qt. Conc. H_2SO_4
*	Ash Pond Discharge	7/7/92	RBT	0806	0807	Grab	M	10ML/1/2 Gal. Conc. HNO_3
**	Ash Pond Discharge					Grab	M	10ML/1/2 Gal Conc. HNO_3
*	Waste Treatment Plant	7/8/92	L. Bush	2:47pm	2:49pm	Grab	BOD	Water Spigot
*	Waste Treatment Plant	7/8/92	L. Bush	2:50 Pm	2:52pm	Grab	TSS	Water Spigot

* Quarterly Sample (Jan. April, July, Oct.) ***Samples to Thompson Engineering Testing, Inc.
**Annual Sample (July) NOTE: Each day at 7:00 a.m., check rainfall for previous 24 hours. If 2.0" or more rainfall occured, take at least one additional TSS sample (Grab) at the Ash Pond V notch Discharge and send to Thc Engin. Test.

GULF POWER COMPANY
SCHOLZ ELECTRIC GENERATING PLANT
WATER SAMPLE DATA

SAMPLE LOCATION	SAMPLE DATE	SAMPLER'S INITIALS	SAMPLE TIME START	SAMPLE TIME STOP	SAMPLE METHOD	SAMPLE TYPE	PRESERVATIVE
PLANT INTAKE	7/21/92	MTA	0830	0832	GRAB	O+G	5ml/Qt. Conc. H_2SO_4
PLANT INTAKE	7/8/92	MRW	2:27Pm	2:29Pm	GRAB	Fecal Coliform	WATER SPIGOT
PLANT INTAKE	7-2-92	RBT	0957	1000	GRAB	O+G	5ml/Qt Conc. H_2S
PLANT INTAKE	7-2-92	RBT	0954	0957	GRAB	T.S.S.	
ASH POND DISCHARGE	7-2-92	RBT	0946	0948	GRAB	O+G	5ml/Qt Conc. H_2S
ASH POND DISCHARGE	7-2-92	RBT	0944	0946	GRAB	T.S.S.	
PLANT INTAKE	7/9/92	MJK	1525	1527	Grab	O&G	5 ml/Qt conc H_2S
PLANT INTAKE	7/9/92	MJK	1528	1530	Grab	TSS	NONE
PLANT DISCHARGE	7/9/92	MTA	1512	1514	GRAB	O+G	5ml/Qt Conc. H_2SO_4
PLANT DISCHARGE	7/9/92	MTA	1515	1517	GRAB	T.S.S.	None
ASH POND DISCHARGE	7/9/92	MTA	1500	1502	GRAB	O+G	5ml/Qt Conc. H_2SO_4
ASH POND DISCHARGE	7/9/92	MTA	1503	1505	GRAB	T.S.S.	None
Plant Intake	7/24/92	MJK/Chris	10 32	10 33	Grab	Fecal Coliform	Water Spigot
Plant Discharge	7/24/92	MJK/Chris	10 20	10 21	Grab	Fecal Coliform	Water Spigot
Plant Discharge	7/24/92	MJK/Chris	10 22	10.23	Grab	Fecal Coliform	Water Spigot

Scholz ELECTRIC GENERATING PLANT

pH WATER ANALYSIS DATA

Location	Date	Sampler's Initials	Sampling Temp.	Time of pH Measurement	pH
	First Tuesday				
Plant Intake	7/7/92	MJK	81.3°	0841	7.53
Ash Pond Disch.	7/7/92	RBT	78°	0801	7.62
*Plant Disch.	7/7/92	RBT	85°	0744	7.50
	Second Tuesday				
Plant Intake	7/14/92	MRW	84.2°	9:25 A	7.31
Ash Pond Disch.	7/14/92	MRW	79.7°	8:10 A	7.54
*Plant Disch.	7/14/92	MRW	89.2°	7:45 A	7.27
	Third Tuesday				
Plant Intake	7/21/92	MJA	82.4°	0830	7.29
Ash Pond Disch.	7/21/92	MJA	75.7°	0730	7.77
*Plant Disch.	7/21/92	MJA	87.4°	0750	7.41
	Fourth Tuesday				
Plant Intake	7/28/92	MJK	84.2°	1300	7.38
Ash Pond Disch.	7/28/92	MJK	83.5°	1230	7.87
*Plant Disch.	7/28/92	MJK	95.0	1200	7.50
	Fifth Tuesday				
Plant Intake					
Ash Pond Disch.					
*Plant Disch.					

*200 feet downstream of the confluence of the ash pond discharge with the Plant discharge canal.

GULF POWER COMPANY

Scholz ELECTRIC GENERATING PLANT

DAILY RAINFALL LOG

Month of July , 1992

Day	TIME OF READING	INCHES OF RAINFALL	SAMPLER'S INITIALS
1	7:35 Am	.30"	MRW
2	0710	3.19	RBT
3	0710	0	RBT
4	0700	0	RBT
5	0710	0	RBT
6	0752	0	RBT
7	0718	0	RBT
8	7:25 Am	0	MRW
9	7:50 Am	0	MRW
10	8:00 Am	0	MRW
11	7:45 Am	0	MRW
12	6:45 Am	0	MRW
13	7:45 Am	0	MRW
14	7:35 Am	0	MRW
15	7:50 Am	.18"	MRW
16	0715	.05"	MJK
17	0900	1.49"	MTA
18	1015	0	MTA
19	0800	0	MTA
20	1430	0	MTA
21	0825	.04	MTA
22	1000	.13	MTA
23	0800	.15	MJK
24	0720	.25	MJK
25	0730	.05	CUG
26	0730	.08	CUG
27	0730	0	CUG
28	1200	0	MJK
29	0925	0	MJK
30	0925	0	MJK
31	0945	0	RBT

SCHOLZ ELECTRIC GENERATING PLANT

ASH POND FLOW DATA

Month July Year 1992

Day	Time of Reading	Temp °F	Weir Water Elevation (inches)	Calculated Flow Reading, MGD	Sampler's Initials
1	8:05 A	76.8°	9½"	.901	MRW
2	0745	78°	13 1/4"	2.070	RCBT
3	0740	78°	11 1/4"	1.375	RCBT
4	0740	78°	10 1/2"	1.157	RCBT
5	0750	78°	9 3/4"	.961	RCBT
6	0815	77	9 5/8"	.931	RCBT
7	0801	78	8 1/4"	.633	RCBT
8	7:50 A	79°	10¼"	1.089	MRW
9	8:15 A	79.7°	9 13/16"	.977	MRW
10	8:20 A	79.5°	6 3/8"	.332	MRW
11	8:15 A	78.8°	6 5/8"	.366	MRW
12	7:25 A	81.5°	7½"	.499	MRW
13	8:10 A	80.8°	8"	.586	MRW
14	8:10 A	79.7°	8"	.586	MRW
15	8:15 A	78.8°	7 3/4"	.542	MRW
16	0800	75.2°	8½"	.682	NJK
17	0915	80.1°	10 1/4"	1.089	MTA
18	1020	81.5°	9 1/8"	.815	MTA
19	0900	79.7°	9"	.787	MTA
20	1340	85.3°	5 1/4"	.205	MTA
21	0730	75.7°	5½"	.230	MTA
22	1005	77.9°	5 5/8"	.243	MTA
23	0830	79.0°	5 5/8"	.243	NJK
24	0800	75.7°	5 1/2"	.230	NJK
25	0805	75.4°	5 3/4	.257	CVG
26	0800	76.8°	6"	.286	CVG
27	0805	77.4°	6 1/8"	.301	CVG
28	1230	83.5°	5 3/4"	.257	NJK
29	1000	78.4	6 1/4"	.316	NJK
30	1030	81.5	6"	.286	NJK
31	1010	77°	6½"	.349	RCBT
Max. 2.070				MGD	
Min. .205				MGD	
Avg. .632				MGD	.632 MGD Average

GULF POWER COMPANY

SCHOLZ ELECTRIC GENERATING PLANT

SANITARY WASTE DATA

Month of July , 1992

DATE	TIME	SOLUTION TANK LEVEL	Ml. Cl/ Tank Full	Flow ~~GPH~~ EFF. MGD	PPM Cl SOLUTION	PPM Cl EFF.	pH	% SETTLEABLE SOLIDS INLET	% SETTLEABLE SOLIDS MIDDLE	% SETTLEABLE SOLIDS OUTLET	% PUMP RUNNING TIME
1	7:40AM	19"	1100/3000	.0009	1800	1.5	7.22	TR	48	TR	4.0
2	0720	19"	1100/3000	.00060	1800	2.0	7.38	TR	45	TR	4.0
3	0720	19"	1100/3000	.00016	1800	3.0	7.48	TR	37	TR	4.0
4	0705	19"	1100/3000	.00054	1800	2.0	7.31	TR	36	TR	4.0
5	0715	19"	1100/3000	.00054	1800	15.0	7.74	TR	47	TR	4.0
6	0900	19"	1100/3000	.0018	1800	.5	7.46	TR	35	TR	4.0
7	0725	19"	1100/3000	.00064	1800	4.0	7.51	TR	35	TR	4.0
8	7:32AM	19"	1100/3000	.0036	1800	4.0	7.39	TR	37	TR	4.0
9	7:55A	19"	1100/3000	.0009	1800	2.0	7.26	TR	40	TR	4.0
10	8:05A	19"	1100/3000	.0015	1800	1.0	7.33	TR	38	TR	4.0
11	7:50A	19"	1100/3000	.0008	1800	2.0	7.28	TR	36	TR	4.0
12	6:50A	20"	1000/3000	.00012	1800	2.0	7.37	TR	23	TR	4.0
13	7:50A	18"	1200/3000	.0007	1800	1.5	7.31	TR	26	TR	4.0
14	7:50A	19"	1100/3000	.0027	1800	1.5	7.40	TR	28	TR	4.0
15	7:55A	19"	1100/3000	.0027	1800	4.0	7.48	TR	27	TR	4.0
16	0730	19"	1100/3000	.0009	1800	4.0	7.25	TR	35	TR	4.0
17	1000	18"	1200/3000	.0015	1800	2.0	7.10	TR	34	TR	4.0
18	0945	17"	1300/3000	.0008	1800	6.0	7.15	TR	35	TR	4.0
19	0945	19"	1100/3000	.0006	1800	10.0	7.20	TR	31	TR	4.0
20	1300	17"	1300/3000	.0027	1800	1.5	7.19	TR	33	TR	4.0
21	0758	19"	1100/3000	.0036	1800	4.0	7.34	TR	35	TR	4.0
22	1030	17"	1300/3000	.0008	1800	1.5	7.23	TR	42	TR	4.0
23	0740	20"	1000/3000	.0027	1800	1.0	7.17	TR	40	TR	4.0
24	0730	16"	1400/3000	.00072	1800	4.0	7.41	TR	43	TR	5.0
25	0740	14"	1600/3000	.00047	1800	3.0	7.40	TR	38	TR	6.0
26	0740	19"	1100/3000	.00154	1800	2.0	7.42	TR	40	TR	4.0
27	0740	19"	1100/3000	.00083	1800	2.0	7.42	TR	48	TR	4.0
28	1145	17"	1300/3000	.0018	1800	3.0	7.06	TR	25	TR	4.0
29	0930	20"	1000/3000	.0015	1800	1.0	7.17	TR	24	TR	4.0
30	0930	16"	2900/4500	.0008	1800	1.0	7.19	TR	27	TR	6.0
31	0930	12"	2700/4500	.0018	2700	1.0	7.18	TR	28	TR	7.0

MAX MGD .0036

MIN MGD .00012

AVG MGD .00133

Prepared By _____ Date _____

Prepared By _____ Date _____

SCHOLZ ELECTRIC GENERATING PLANT

ADDITIONAL ASH POND SAMPLING DUE
TO TWO-INCH RAINFALL EVENT

ASHPOND DISCHARGE:

DATE OF SAMPLE	TIME OF SAMPLE	RAINFALL IN INCHES	TSS/PPM	O&G/PPM
07-02-92	0945	3.19"	1.2	< 1.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12178

Received: 03 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12178-1	Scholz Ashpond Discharge Grab	07-02-92
12178-2	Scholz Intake Grab	07-02-92

PARAMETER	12178-1	12178-2
Total Suspended Solids (TSS)		
TSS (EPA 160.2), mg/l	1.2	8.4
Date/Time Analyzed	07.06/1000	07.06/1000
Analyst	DS	DS
Oil & Grease (O&G)		
O&G (EPA 413.1), mg/l	<1.0	1.4
Date/Time Analyzed	07.07/1200	07.07/1200
Analyst	JS	JS

REFERENCE: EPA 40 CFR Part 136

J. Michael Nance

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12219

Received: 08 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12219-1	Scholz Ashpond Discharge Composite	07-07-92

PARAMETER	12219-1				
Total Suspended Solids (TSS)					
TSS (EPA 160.2), mg/l	<1.0				
Date/Time Analyzed	07.10/1400				
Analyst	DS				

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& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12219

Received: 08 JUL 92

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Purchase Order: B92-000245

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12219-2	Scholz Intake Grab	07-07-92

PARAMETER	12219-2
Total Suspended Solids (TSS)	
TSS (EPA 160.2), mg/l	6.8
Date/Time Analyzed	07.10/1400
Analyst	DS
Oil & Grease (O&G)	
O&G (EPA 413.1), mg/l	1.2
Date/Time Analyzed	07.09/1200
Analyst	JFS
PCBs in liquid	
Aroclor-1016, ug/l	<1.0
Aroclor-1221, ug/l	<2.0
Aroclor-1232, ug/l	<1.0
Aroclor-1242, ug/l	<1.0
Aroclor-1248, ug/l	<1.0
Aroclor-1254, ug/l	<1.0
Aroclor-1260, ug/l	<1.0
Total Arsenic (EPA 206.2)	
Arsenic, mg/l	<0.0020
Date/Time Analyzed	07.15/1330
Analyst	EO
Total Cadmium (EPA 200.7)	
Cadmium, mg/l	<0.0050
Date/Time Analyzed	07.16/1324
Analyst	PC
Total Chromium (EPA 200.7)	
Chromium, mg/l	<0.010
Date/Time Analyzed	07.16/1324
Analyst	PC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12219

Received: 08 JUL 92

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Purchase Order: B92-000245

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12219-2	Scholz Intake Grab	07-07-92

PARAMETER	12219-2
Total Copper (EPA 200.7)	
Copper, mg/l	<0.010
Date/Time Analyzed	07.16/1324
Analyst	PC
Total Iron (EPA 200.7)	
Iron, mg/l	0.48
Date/Time Analyzed	07.16/1324
Analyst	PC
Total Lead	
Lead (EPA 239.2), mg/l	<0.0050
Date/Time Analyzed	07.13/1154
Analyst	PC
Total Mercury (EPA 245.1)	
Mercury, mg/l	<0.00020
Date/Time Analyzed	07.10/1230
Analyst	EO
Total Nickel (EPA 200.7)	
Nickel, mg/l	<0.020
Date/Time Analyzed	07.16/1324
Analyst	PC
Total Selenium (EPA 270.2)	
Selenium, mg/l	<0.0020
Date/Time Analyzed	07.16/0900
Analyst	EO
Total Zinc (EPA 200.7)	
Zinc, mg/l	<0.020
Date/Time Analyzed	07.16/1324
Analyst	PC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12219

Received: 08 JUL 92

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Purchase Order: B92-000245

CC: Mr. Raymond Walden | Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12219-3	Scholz Ashpond Discharge Grab	07-07-92

PARAMETER	12219-3
Oil & Grease (O&G)	
O&G (EPA 413.1), mg/l	<1.0
Date/Time Analyzed	07.09/1200
Analyst	JFS
Total Arsenic (EPA 206.2)	
Arsenic, mg/l	0.062
Date/Time Analyzed	07.15/1330
Analyst	EO
Total Cadmium (EPA 200.7)	
Cadmium, mg/l	<0.0050
Date/Time Analyzed	07.16/1328
Analyst	PC
Total Chromium (EPA 200.7)	
Chromium, mg/l	<0.010
Date/Time Analyzed	07.16/1328
Analyst	PC
Total Copper (EPA 200.7)	
Copper, mg/l	<0.010
Date/Time Analyzed	07.16/1328
Analyst	PC
Total Iron (EPA 200.7)	
Iron, mg/l	0.16
Date/Time Analyzed	07.16/1328
Analyst	PC
Total Lead	
Lead (EPA 239.2), mg/l	<0.0050
Date/Time Analyzed	07.13/1159
Analyst	PC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12219

Received: 08 JUL 92

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Purchase Order: B92-000245

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12219-3	Scholz Ashpond Discharge Grab	07-07-92

PARAMETER	12219-3
Total Mercury (EPA 245.1)	
Mercury, mg/l	<0.00020
Date/Time Analyzed	07.10/1230
Analyst	EO
Total Nickel (EPA 200.7)	
Nickel, mg/l	<0.020
Date/Time Analyzed	07.16/1328
Analyst	PC
Total Selenium (EPA 270.2)	
Selenium, mg/l	<0.0020
Date/Time Analyzed	07.16/0900
Analyst	EO
Total Zinc (EPA 200.7)	
Zinc, mg/l	<0.020
Date/Time Analyzed	07.16/1328
Analyst	PC

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& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12219

Received: 08 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12219-4	Scholz Discharge Grab	07-07-92

PARAMETER	12219-4
Oil & Grease (O&G)	
O&G (EPA 413.1), mg/l	<1.0
Date/Time Analyzed	07.09/1200
Analyst	JFS
PCBs in liquid	
Aroclor-1016, ug/l	<1.0
Aroclor-1221, ug/l	<2.0
Aroclor-1232, ug/l	<1.0
Aroclor-1242, ug/l	<1.0
Aroclor-1248, ug/l	<1.0
Aroclor-1254, ug/l	<1.0
Aroclor-1260, ug/l	<1.0
Total Arsenic (EPA 206.2)	
Arsenic, mg/l	<0.0020
Date/Time Analyzed	07.15/1300
Analyst	EO
Total Cadmium (EPA 200.7)	
Cadmium, mg/l	<0.0050
Date/Time Analyzed	07.16/1336
Analyst	PC
Total Chromium (EPA 200.7)	
Chromium, mg/l	<0.010
Date/Time Analyzed	07.16/1336
Analyst	PC
Total Copper (EPA 200.7)	
Copper, mg/l	<0.010
Date/Time Analyzed	07.16/1336
Analyst	PC

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& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12219

Received: 08 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12219-4	Scholz Discharge Grab	07-07-92

PARAMETER	12219-4
Total Iron (EPA 200.7)	
Iron, mg/l	0.59
Date/Time Analyzed	07.16/1336
Analyst	PC
Total Lead	
Lead (EPA 239.2), mg/l	<0.0050
Date/Time Analyzed	07.13/1234
Analyst	PC
Total Mercury (EPA 245.1)	
Mercury, mg/l	<0.00020
Date/Time Analyzed	07.10/1230
Analyst	EO
Total Nickel (EPA 200.7)	
Nickel, mg/l	<0.020
Date/Time Analyzed	07.16/1336
Analyst	PC
Total Selenium (EPA 270.2)	
Selenium, mg/l	<0.0020
Date/Time Analyzed	07.16/0900
Analyst	EO
Total Zinc (EPA 200.7)	
Zinc, mg/l	<0.020
Date/Time Analyzed	07.16/1328
Analyst	PC

J. Michael Nance

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12251

Received: 10 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden | Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12251-1	Scholz Plant Intake Grab	07-09-92
12251-2	Scholz Plant Discharge Grab	07-09-92
12251-3	Scholz Ashpond Discharge Grab	07-09-92

PARAMETER	12251-1	12251-2	12251-3
Total Suspended Solids (TSS)			
TSS (EPA 160.2), mg/l	6.2	31	10
Date/Time Analyzed	07.15/0900	07.15/0900	07.15/0900
Analyst	DS	DS	DS
Oil & Grease (O&G)			
O&G (EPA 413.1), mg/l	<1.0	2.4	<1.0
Date/Time Analyzed	07.13/1200	07.13/1200	07.13/1200
Analyst	JFS	JFS	JFS

REFERENCE: EPA 40 CFR Part 136

J. Michael Nance

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12291

Received: 15 JUL 92

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Purchase Order: B92-000245

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12291-1	Scholz Ashpond Discharge Composite	07-14-92

PARAMETER	12291-1
Total Suspended Solids (TSS)	
TSS (EPA 160.2), mg/l	2.6
Date/Time Analyzed	07.17/1430
Analyst	DS

REFERENCE: EPA 40 CFR Part 136

J. Michael Nance

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12373

Received: 22 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12373-1	Scholz Ashpond Discharge Composite (07.20-07.21.92)	07-21-92

PARAMETER	12373-1
Total Suspended Solids (TSS)	
TSS (EPA 160.2), mg/l	3.2
Date/Time Analyzed	07.28/1100
Analyst	DS

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M2-12373

Received: 22 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12373-2	Scholz Plant Intake Grab	07-21-92
12373-3	Scholz Ashpond Discharge Grab	07-21-92

PARAMETER	12373-2	12373-3
Oil & Grease (O&G)		
O&G (EPA 413.1), mg/l	<1.0	<1.0
Date/Time Analyzed	07.28/1500	07.28/1500
Analyst	RG	RG

REFERENCE: EPA 40 CFR Part 136

J. Michael Nance

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& ENVIRONMENTAL SERVICES. INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

Reformatted

LOG NO: M2-12468

Received: 30 JUL 92

Purchase Order: B92-000245

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden|Ms. Rachel Allen

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
12468-1	Scholz Ashpond Discharge Composite (07.27-07.28.92)	07-28-92

PARAMETER	12468-1
Total Suspended Solids (TSS)	
TSS (EPA 160.2), mg/l	2.4
Date/Time Analyzed	07.31/1500
Analyst	DS

REFERENCE: EPA 40 CFR Part 136

J. Michael Nance

RECEIVED
AUG 10 1992
SCHOLZ PLANT

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-0328
Telephone 904 444-6236

Scholz

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

Gulf Power
the southern electric system

August 27, 1993

CERTIFIED MAIL

Mr. Bobby A. Cooley, P.E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

Facility I.D. No. 1017P00570 CRIST ELECTRIC GENERATING PLANT
Facility I.D. No. 1003P02800 SMITH ELECTRIC GENERATING PLANT
Facility I.D. No. 1032P37371 SCHOLZ ELECTRIC GENERATING PLANT

Attached is a copy of the Monthly Operating Reports (MOR's) for each of the referenced facilities for July, 1993. There were no exceedances for the month.

If any questions arise concerning the information in these reports, please call me or Joe Neese at (904) 444-6429.

Sincerely,

M. L. Gilchrist

rc/JN/0008RLA

Attachments

cc: Ms. R. L. Allen
Mr. J. A. Babbitt
Mr. J. M. Dominey
Mr. D. W. Hansford
Mr. C. R. Lee
Mr. W. T. Lyford, III
Mr. J. H. Neese
Mr. P. Parker
Mr. K. Peacock
Mr. G. N. Terry
Mr. J. O. Vick

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	1032–189371
SAMPLE SITE GMS I.D.#	Outfall 001 1032X10741
SAMPLE SITE LOCATION	Main Plant Discharge
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY JACKSON
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	FLOW (MGD)	pH S.U.	INTAKE TEMP.	DISCHARGE TEMP.	TRC MG/L	Fecal Coliform	Oil and Grease
1	129.6		82.0	91.0			
2	129.6		82.0	92.0			
3	129.6		82.0	91.0			
4	129.6		82.0	90.0			
5	129.6		82.0	89.0			
6	129.6	7.58	83.0	94.0			<1.0
7	129.6		84.0	92.0			
8	129.6		83.0	93.0	<0.01*		
9	129.6		84.0	94.0			
10	129.6		84.0	95.0			
11	129.6		83.0	96.0			
12	129.6		83.0	96.0		49.0	
13	129.6	7.25	84.0	95.0			
14	129.6		84.0	94.0	<0.01*		
15	129.6		84.0	95.0			
16	129.6		84.0	96.0			
17	129.6		85.0	95.0			
18	129.6		85.0	95.0			
19	129.6		85.0	97.0			
20	129.6	7.27	85.0	97.0			
21	129.6		86.0	98.0	<0.01*		
22	129.6		85.0	97.0			
23	129.6		85.0	97.0			
24	129.6		84.0	95.0			
25	129.6		84.0	95.0			
26	129.6		85.0	98.0			
27	129.6	7.03	87.0	99.0			
28	129.6		86.0	99.0	<0.01*		
29	129.6		86.0	98.0			
30	129.6		87.0	98.0			
31	129.6		87.0	97.0			
TOTAL							
AVERAGE	129.6	7.28	84.3	95.1	<0.01*	49.0	<1.0

* BELOW DETECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	1032–189371
SAMPLE SITE GMS I.D.#	Outfall 001 1032X10741
SAMPLE SITE LOCATION	Main Plant Discharge
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY Jackson
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	As MG/L	Cd MG/L	Cr MG/L	Cu MG/L	Fe MG/L	Pb MG/L	Hg MG/L
1							
2							
3							
4							
5							
6	0.0120	< 0.0050	< 0.01	< 0.01	0.30	<.005	< 0.00020
7							
8							
9							
10							
11							
12							
13							
14							
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19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE	0.0120	< 0.0050	< 0.01	< 0.01	0.30	<.005	< 0.00020

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	1032–189371
SAMPLE SITE GMS I.D.#	Outfall 001 1032X10741
SAMPLE SITE LOCATION	Main Plant Discharge
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY Jackson
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	Ni MG/L	Se MG/L	Zn MG/L	Gross Alpha pCi/L	Radium 226	Radium 228	
1							
2							
3							
4							
5							
6	<0.020	<0.002	<0.020	<0.5+/–0.2	<0.2+/–0.06	<1.0+/–0.8	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE	<0.020	<0.002	<0.020	<0.5+/–0.2	<0.2+/–0.06	<1.0+/–0.8	

SC4 **STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS**
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	1032–189371
SAMPLE SITE GMS I.D.#	Outfall 002 1032X10757
SAMPLE SITE LOCATION	ASH POND DISCHARGE
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola **COUNTY** Jackson
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	FLOW	OIL AND GREASE	TSS MG/L				
1	1.492						
2	1.413						
3	1.263						
4	1.192						
5	1.157						
6	1.008	<1.0	<1.0				
7	1.024						
8	1.192						
9	1.089						
10	1.337						
11	1.300						
12	1.227						
13	1.574		<1.0				
14	2.070						
15	2.429						
16	1.574						
17	1.123						
18	1.375						
19	1.356						
20	2.271	<1.0	<1.0				
21	1.745						
22	1.533						
23	1.492						
24	1.927						
25	2.764						
26	2.021						
27	1.701		<1.0				
28	1.616						
29	1.834						
30	1.745						
31	1.745						
TOTAL	48.589						
AVERAGE	1.567	<1.0	<1.0				

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	I032–189371
SAMPLE SITE GMS I.D.#	Outfall 002 1032X10757
SAMPLE SITE LOCATION	ASH POND DISCHARGE
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY Jackson
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

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SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	As MG/L	Cd MG/L	Cr MG/L	Cu MG/L	Fe MG/L	Pb MG/L	Hg MG/L
1							
2							
3							
4		METAL SAMPLING NOT REQUIRED.					
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE							

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	1032–189371
SAMPLE SITE GMS I.D.#	Outfall 002 1032X10757
SAMPLE SITE LOCATION	ASH POND DISCHARGE
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY Jackson
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	Ni MG/L	Se MG/L	Zn MG/L				
1							
2							
3	METALS SAMPLING NOT REQUIRED.						
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE							

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	1032–189371
SAMPLE SITE GMS I.D.#	Outfall 003 1032X11510
SAMPLE SITE LOCATION	METAL CLEANING
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY Jackson
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	FLOW	Cu MG/L	Fe MG/L	pH S.U.			
1							
2							
3							
4	METAL CLEANING DISCHARGE DID NOT OCCUR THIS MONTH.						
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE							

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. – Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	1032–189371
SAMPLE SITE GMS I.D.#	Outfall 004 1032X11511
SAMPLE SITE LOCATION	SANITARY TREATMENT
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY Jackson
PHONE #	(904)444–6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1993

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 27, 1993
DATE

DATE	BOD MG/L	TSS MG/L					
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12	3.0	13.0					
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE	3.0	13.0					

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-0328
Telephone 904 444-6236

ENG 10-2-1-1 Scholz
SC NPDES

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

Gulf Power
the southern electric system

August 26, 1994

CERTIFIED MAIL

U. S. Environmental Protection Agency
Region IV - W.E.B.-7
Industrial Operation Section
345 Courtland Street, N.E., Room 224
Atlanta, Georgia 30365

Gentlemen:

FL 000 2275 CRIST ELECTRIC GENERATING PLANT
FL 000 2267 SMITH ELECTRIC GENERATING PLANT
FL 000 2283 SCHOLZ ELECTRIC GENERATING PLANT

Attached is a copy of the Discharge Monitoring Reports (DMR's) for each of the referenced facilities for July, 1994. Please note the following:

FL 000 2267
There was a brief discharge from our main yard sump overflow (004) which resulted in a TSS exceedance and a pH exceedance. We are proceeding with our plans to build additional stormwater sumps to reduce the possibility of future overflows from this sump. A pre-bid meeting was held on August 16, 1994 and work is scheduled to begin this year.

If any questions arise concerning the information in these reports, please call me or Joe Neese at (904) 444-6429.

Sincerely,

Jon Vick for/M. L. Gilchrist

rc/JHN0008
Attachments
cc: Ms. R. L. Allen
Mr. J. A. Babbitt
Mr. J. M. Dominey
Mr. D. W. Hansford
Mr. C. R. Lee
Mr. W. T. Lyford, III
Mr. J. H. Neese
Mr. P. Parker
Mr. K. Peacock
Mr. G. N. Terry

TEE NAME/ADDRES de
Name/Location if di
GULF PWR - SCHOLZ STEAM
ss P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
Y 500 BAYFRONT PARKWAY
ON PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHAF
DISCHARGE MONIT
(2-16)
FL0002283
PERMIT NUMBER

NATION SYSTEM (NPDES)
REPORT (DMR)
(17-19)
001 1
DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
COOLING WA

Form Approved.
OMB No. 2040-0004
Approval expires 08-31-94

MONITORING PERIOD
FROM YEAR 94 MO 07 DAY 01 (20-21) (22-23) (24-25)
TO YEAR 94 MO 07 DAY 31 (26-27) (28-29) (30-31)

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ERATURE, WATER	SAMPLE MEASUREMENT	*****	*****		*****	86	91	(15)	0		
FAHRENHEIT	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT DAILY AV	REPORT INST MAX	DEG.F		DAILY	INSTAN
1 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	80	83	(15)	0		
UENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT DAILY AV	REPORT INST MAX	DEG.F		HOURLY	INSTAN
ERATURE, WATER	SAMPLE MEASUREMENT	*****	*****		6.59	*****	7.11	(12)	0		
FAHRENHEIT	PERMIT REQUIREMENT	*****	*****	**** ****	6.0 MINIMUM	*****	8.5 MAXIMUM	SU		WEEKLY	GRAB
1 7 0 0	SAMPLE MEASUREMENT	*****	129.6	(03)	*****	*****	*****	*****	0		
KE FROM STREAM	PERMIT REQUIREMENT	*****	REPORT INST MAX	MGD	*****	*****	*****	*****		DAILY	PMPLOG
0 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	(19)	0		
UENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	**** ****	*****	No Chlorination	0.2 INST MAX	MG/L		WEEKLY	GRAB
, IN CONDUIT OR	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	(19)	0		
TREATMENT PLAN	PERMIT REQUIREMENT	*****	*****	**** ****	*****	No Chlorination	0.038 INST MAX	MG/L		WEEKLY	GRAB
0 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	(19)	0		
UENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	**** ****	*****	No Chlorination	0.01 INST MAX	MG/L		WEEKLY	GRAB
RINE, TOTAL	SAMPLE MEASUREMENT										
DUAL	PERMIT REQUIREMENT										
0 P 0 0	SAMPLE MEASUREMENT										
COMMENTS BELOW	PERMIT REQUIREMENT										
RINE, TOTAL	SAMPLE MEASUREMENT										
DUAL	PERMIT REQUIREMENT										
0 Q 0 0	SAMPLE MEASUREMENT										
COMMENTS BELOW	PERMIT REQUIREMENT										
RINE, TOTAL	SAMPLE MEASUREMENT										
DUAL	PERMIT REQUIREMENT										
0 S 0 0	SAMPLE MEASUREMENT										
COMMENTS BELOW	PERMIT REQUIREMENT										

LE PRINCIPAL EXECUTIVE OFFICER
Gilchrist
r of Fuel and
nmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Jan Kent for M.L. Gilchrist
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 94 | MO 08 | DAY 26

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
TERIM LIMIT.
NAL LIMIT.
MIT AT EDGE OF MIXING ZONE.

320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

TTEE NAME/ADDRESS (Include
/ Name/Location if di

GULF PWR - SCHOLZ STEAM
ESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
TY 500 BAYFRONT PARKWAY
ION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHAF
DISCHARGE MONIT
(2-16)
FL0002283
PERMIT NUMBER

NATION SYSTEM (NPDES)
REPORT (DMR)
(17-19)
001 1
DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
COOLING WA

Form Approved.
OMB No. 2040-0004
Approval expires 08-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	94	07	01	TO	94	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [XX] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ORINATION	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(14)	0		
ATION	PERMIT REQUIREMENT			****			120	MIN-		DAILY	RCORDR
39 1 0 0				****			DAILY MX	UTES			
LUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

TLE PRINCIPAL EXECUTIVE OFFICER

Gilchrist
er of Fuel and
onmental Affairs

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

J. Vickstrom for M.L. Gilchrist

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
904	444-6236	94	08	26
AREA CODE	NUMBER	YEAR	MO	DAY

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

TERIM LIMIT.
NAL LIMIT.
MIT AT EDGE OF MIXING ZONE.

320-1 (Rev. 9-88) *Previous editions may be used.*

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

ITTEE NAME/ADDRES ...de
Name/Location if di...
GULF PWR ... - SCHOLZ STEAM
ESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
Y 500 BAYFRONT PARKWAY
ON PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHAF
DISCHARGE MONIT
(2-16)
FL0002283
PERMIT NUMBER

NATION SYSTEM (NPDES)
REPORT (DMR)
(17-19)
001 Q
DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
QTR. MONIT

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	94	07	01	TO	94	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
AND GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 1.0	(19)	0		
UN EXTR-GRAV MET	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
56 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.0020	(19)	0		
UENT GROSS VALU	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
ENIC, TOTAL RECOV	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.51	(19)	0		
BLE	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	1.0 INST MAX	MG/L		QTRLY	GRAB
78 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.010	(19)	0		
UENT GROSS VALU	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
L RECOVERABLE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.0050	(19)	0		
0 1 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
UENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.00020	(19)	0		
ER, TOTAL	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
CU)	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 2.0	(13)	0		
2 1 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	800 #/ INST MAX	100ML		QTRLY	GRAB
UENT GROSS VALU											
L RECOVERABLE											
4 1 0 0											
UENT GROSS VALU											
URY											
- RECOVERABLE											
1 0 0											
UENT GROSS VALU											
FORM, FECAL											
AL											
1 0 0											
UENT GROSS VALU											

TLE PRINCIPAL EXECUTIVE OFFICER
Gilchrist
r of Fuel and
mental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 94 | MO 08 | DAY 26

AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

320-1 (Rev. 9-88) Previous editions may be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

ITTEE NAME/ADDRESS (Include
y Name/Location if d
GULF P[illegible] - SCHOLZ STEAM
ESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
TY 500 BAYFRONT PARKWAY
ION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

FL0002283 (2-16) — PERMIT NUMBER

001 Q (17-19) — DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
QTR. MONIT

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	94	07	01	TO	94	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
OMIUM, HEXAVALENT	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.010	(19)	0		
T RECOVERABLE	PERMIT REQUIREMENT			****			REPORT			QTRLY	GRAB
47 1 0 0	SAMPLE MEASUREMENT			****			INST MAX	MG/L			
LUENT GROSS VALU	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

TLE PRINCIPAL EXECUTIVE OFFICER
Gilchrist
r of Fuel and
nmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 94 | MO 08 | DAY 26

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

TTEE NAME/ADDRE ...ide
Name/Location if di...
GULF PWR CO. - SCHOLZ STEAM
ESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
Y 500 BAYFRONT PARKWAY
ONPENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHA... ...MINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: FL0002283
(17-19) DISCHARGE NUMBER: 001 Y

MAJOR
(SUBR PE)
F - FINAL
YEARLY MONTHLY

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	01	01		94	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | | ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(46-53) MAXIMUM	(54-61) UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
NIUM, TOTAL REC... BLE 1 1 0 0 UENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 0.0020	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
EL, TOTAL (AS NI) 7 1 0 0 UENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 0.010	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
L RECOVERABLE 4 1 0 0 UENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 0.020	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
IUM - RECOVERABLE 3 1 0 0 UENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 0.0050	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

TLE PRINCIPAL EXECUTIVE OFFICER
Gilchrist
er of Fuel and
onmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

J. W. Gilchrist

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
904	444-6236	94	08	26
AREA CODE	NUMBER	YEAR	MO	DAY

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

320-1 (Rev. 9-88) *Previous editions may...*

TTEE NAME/ADDRESS (Include Name/Location if di
GULF PW - SCHULZ STEAM
ESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
TY 500 BAYFRONT PARKWAY
ION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHARGE MONI... (2-16)
FL0002283 — PERMIT NUMBER

...INATION SYSTEM (NPDES) REPORT (DMR) (17-19)
002 1 — DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	94	07	01	TO	94	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | | ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
00 1 0 0 LUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******		7.34	*******	7.77	(12)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	GRAB
IDS, TOTAL PENDED 30 1 0 0 LUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******		*******	1.9	2.0	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	30.0 MO AVG	100.0 DAILY MX	MG/L		ONCE/ 2WEEKS	COMP24
AND GREASE ON EXTR-GRAV MET 56 1 0 0 LUENT GROSS VALU	SAMPLE MEASUREMENT	*******	*******		*******	< 1.0	< 1.0	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	15.0 MO AVG	20.0 DAILY MX	MG/L		ONCE/ 2WEEKS	GRAB
, IN CONDUIT OR TREATMENT PLAN 50 1 0 0 UENT GROSS VALU	SAMPLE MEASUREMENT	*******	3.6	(03)	*******	*******	*******		0		
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		WEEKLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

TLE PRINCIPAL EXECUTIVE OFFICER
Gilchrist
r of Fuel and
nmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

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TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 94 | MO 08 | DAY 26

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

3320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

TTEE NAME/ADDRES ide
/ Name/Location if di
GULF PWR - SCHOLZ STEAM
ESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
TY 500 BAYFRONT PARKWAY
ION PENSACOLA FL 32520
N: MK. LANE GILCHRIST

NATIONAL POLLUTANT DISCHAR DISCHARGE MONIT (2-16)
FL0002283 PERMIT NUMBER

INATION SYSTEM (NPDES) REPORT (DMR) (17-19)
003 1 DISCHARGE NUMBER

MAJOR
(SUBR PE) A
F - FINAL
CHEM. CLEANING

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	94	07	01	TO	94	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE (XXX) ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
00 1 0 0	SAMPLE MEASUREMENT				No Discharge		No Discharge	(12)	0		
LUENT GROSS VALU	PERMIT REQUIREMENT			**** ****	6.0 MINIMUM		9.0 MAXIMUM	SU		WEEKLY	GRAB
IDS, TOTAL	SAMPLE MEASUREMENT					No Discharge		(19)	0		
PENDED	PERMIT REQUIREMENT			**** ****		30.0 MO AVG	100.0 DAILY MX	MG/L		ONCE/ 2WEEKS	COMPZ
30 1 0 0	SAMPLE MEASUREMENT					No Discharge		(19)	0		
LUENT GROSS VALU	PERMIT REQUIREMENT			**** ****		15.0 MO AVG	20.0 DAILY MX	MG/L		ONCE/ 2WEEKS	GRAB
AND GREASE	SAMPLE MEASUREMENT					No Discharge		(19)	0		
ON EXTR-GRAV MET	PERMIT REQUIREMENT			**** ****		1.0 DAILY AV	1.0 DAILY MX	MG/L		EIGHT/ BATCH	GRAB
56 1 0 0	SAMPLE MEASUREMENT					No Discharge		(19)	0		
LUENT GROSS VALU	PERMIT REQUIREMENT			**** ****		1.0 DAILY AV	1.0 DAILY MX	MG/L		EIGHT/ BATCH	GRAB
ER, TOTAL	SAMPLE MEASUREMENT	0.0	0.0	(03)					0		
CU)	PERMIT REQUIREMENT	MONTHLY AV	REPORT DAILY MX	MGD				**** ****		ONCE/ BATCH	CALCTD
2 1 0 0	SAMPLE MEASUREMENT										
UENT GROSS VALU	PERMIT REQUIREMENT										
, TOTAL (AS FE)	SAMPLE MEASUREMENT										
5 1 0 0	PERMIT REQUIREMENT										
UENT GROSS VALU	SAMPLE MEASUREMENT										
, IN CONDUIT OR TREATMENT PLAN	PERMIT REQUIREMENT										
0 1 0 0	SAMPLE MEASUREMENT										
UENT GROSS VALU	PERMIT REQUIREMENT										

TLE PRINCIPAL EXECUTIVE OFFICER
Gilchrist
er of Fuel and
onmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
904	444-6236	94	08	26

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

ADDRESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
FACILITY 500 BAYFRONT PARKWAY
LOCATION PENSACOLA FL 32520
ATTN: MR. LANE GILCHRIST

(2-16) FL0002283 PERMIT NUMBER

(17-19) 004 Q DISCHARGE NUMBER

MAJOR
(SUBR PE) Form Approved.
F - FINAL OMB No. 2040-0004
SANITARY Approval expires 10-31-94
MONTHLY

MONITORING PERIOD
FROM YEAR 94 MO 07 DAY 01 (20-21) (22-23) (24-25) TO YEAR 94 MO 07 DAY 30 (26-27) (28-29) (30-31)

*** NO DISCHARGE [ ] ***

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BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	******		******	14	14	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	30.0 DAILY AV	60.0 DAILY MX	MG/L		QTRLY	GR
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	******		******	12	12	(19)	0		
	PERMIT REQUIREMENT	11	******	**** ****	******	30.0 DAILY AV	60.0 DAILY MX	MG/L		QTRLY	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
M. L. Gilchrist
Manager of Fuel and Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 NUMBER 444-6236

DATE: YEAR 94 MO 08 D 2

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M4-13746

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Received: 06 JUL 94

Purchase Order: B94-00245

CC: Mr. Raymond Walden

Project: NPDES Annual
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
13746-1	Scholz Plant Intake Grab	07-05-94
13746-2	Scholz Plant Discharge Grab	07-05-94

PARAMETER	13746-1	13746-2
Lead (EPA 239.2)		
Lead, mg/l	<0.0050	<0.0050
Date/Time Analyzed	07.13/1552	07.13/1557
Analyst	CAC	CAC
Mercury (EPA 245.1)		
Mercury, mg/l	<0.00020	<0.00020
Date/Time Analyzed	07.08/0905	07.08/0905
Analyst	LE	LE
Nickel (EPA 200.7)		
Nickel, mg/l	<0.020	<0.020
Date/Time Analyzed	07.13/1244	07.13/1249
Analyst	PC	PC
Selenium (EPA 270.3)		
Selenium, mg/l	<0.0020	<0.0020
Date/Time Analyzed	07.13/0945	07.13/0945
Analyst	LE	LE
Zinc (EPA 200.7)		
Zinc, mg/l	0.031	<0.020
Date/Time Analyzed	07.13/1244	07.13/1249
Analyst	PC	PC
Hardness (SM 314A)		
Hardness, as CaCO3, mg/l	28	42
Date/Time Analyzed	07.13/1244	07.13/1249
Analyst	PC	PC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: M4-13746

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Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

CC: Mr. Raymond Walden

Project: NPDES Annual
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
13746-3	Scholz Plant Intake Composite (07.04-07.05.94)	07-05-94
13746-4	Scholz Plant Discharge Composite (07.04-07.05.94)	07-05-94

PARAMETER	13746-3	13746-4
Total Arsenic (SM 3114)		
Arsenic, mg/l	<0.0020	<0.0020
Date/Time Analyzed	07.13/1425	07.13/1425
Analyst	LE	LE
Cadmium (EPA 200.7)		
Cadmium, mg/l	<0.0050	<0.0050
Date/Time Analyzed	07.13/1258	07.13/1305
Analyst	PC	PC
Total Chromium (EPA 200.7)		
Chromium, mg/l	<0.010	<0.010
Date/Time Analyzed	07.13/1258	07.13/1305
Analyst	PC	PC
Copper (EPA 200.7)		
Copper, mg/l	0.012	<0.010
Date/Time Analyzed	07.13/1301	07.13/1305
Analyst	PC	PC
Iron (EPA 200.7)		
Iron, mg/l	1.2	0.51
Date/Time Analyzed	07.13/1258	07.13/1305
Analyst	PC	PC
Lead (EPA 239.2)		
Lead, mg/l	<0.0050	<0.0050
Date/Time Analyzed	07.13/1603	07.13/1609
Analyst	CAC	CAC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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Gulf Power Company, Scholz Plant
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Sneads, Fl 32460

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
13746-3	Scholz Plant Intake Composite (07.04-07.05.94)	07-05-94
13746-4	Scholz Plant Discharge Composite (07.04-07.05.94)	07-05-94

PARAMETER	13746-3	13746-4
Mercury (EPA 245.1)		
Mercury, mg/l	<0.00020	<0.00020
Date/Time Analyzed	07.08/0905	07.08/0905
Analyst	LE	LE
Nickel (EPA 200.7)		
Nickel, mg/l	<0.020	<0.020
Date/Time Analyzed	07.13/1258	07.13/1305
Analyst	PC	PC
Selenium (EPA 270.3)		
Selenium, mg/l	<0.0020	<0.0020
Date/Time Analyzed	07.13/0945	07.13/0945
Analyst	LE	LE
Zinc (EPA 200.7)		
Zinc, mg/l	<0.020	<0.020
Date/Time Analyzed	07.13/1258	07.13/1305
Analyst	PC	PC
Hardness, as CaCO3, mg/l	30	41
Gross Alpha, pCi/l	3.3+/-1.5	<2.0
Radium 226, pCi/l	<0.6	<0.6
Radium 228, pCi/l	<2.0	<2.0

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-0328
Telephone 904 444-6236

ENG/w-2-1-1 Scholz
SCDMR

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

Gulf Power
the southern electric system

August 25, 1995

CERTIFIED MAIL

Florida Department of Environmental Protection
Mail Station 3551
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Sir/Madam:

FL 000 2275 CRIST ELECTRIC GENERATING PLANT
FL 000 2267 SMITH ELECTRIC GENERATING PLANT
FL 000 2283 SCHOLZ ELECTRIC GENERATING PLANT

Attached are copies of the Discharge Monitoring Reports (DMR's) for each of the referenced facilities for July, 1995. Please note the following:

FL 000 2275

On July 25, 1995, we collected a TSS sample at the ash pond overflow (002) which contained 200 mg/l TSS. The intake sample had a concentration of 140 mg/l TSS. Please note that there was 5.5 inches of rainfall recorded at the plant on this sampling date. We sampled again on August 1, 1995. The intake value was 31 mg/l while the ash pond was 8.8 mg/l. The next sampling was on August 9, 1995. The value for this sample was 28 mg/l at the intake and the ash pond value was 11 mg/l.

FL 000 2267

The gross alpha concentration in the discharge canal (001) was 70+/-46 pCi/l. Please note that these are once through cooling units, and the ash pond spillover (003), which is the only stream entering the discharge canal, did not have any discharge during the month of July. Both the radium 226 and 228 concentrations in the discharge were below the detection limits. We have re-sampled and will report those results when we receive them.

The metals sample indicated we had a slightly elevated nickel concentration in our discharge canal (001). We instructed our contract laboratory to divide both the intake and the discharge samples into five sub-samples and analyze each for nickel. We have not received those results for a t-test comparison. Those results will be reported when we receive them.

FL 000 2283

The fecal coliform count in the discharge canal (001) was 1600 per 100 ml on July 5, 1995, while the intake was 920 per 100 ml. We re-sampled on July 19, 1995, and the result was 94 per 100 ml.

The metals sample collected on July 3, 1995, showed a elevated copper concentration of 0.011 mg/l in the discharge (001). The standard is 0.0073 mg/l when the hardness is 57 mg/l. We had our contract laboratory divide the intake and the discharge sample into five sub-samples and analyze each for copper. All ten samples were below the minimum detection limit of 0.010 mg/l.

If any questions arise concerning the information in these reports, please call me or Joe Neese at (904) 444-6429.

Sincerely,

Attachments

cc: Ms. R. L. Allen
Mr. J. A. Babbitt
Mr. J. M. Dominey
Mr. S. H. Houston, Jr.
Mr. C. R. Lee
Mr. W. T. Lyford, III
Mr. J. H. Neese
Mr. P. Parker
Mr. K. Peacock
Mr. J. L. Sherouse
Mr. J. O. Vick

NITTEE NAME/ADD / ty Name/Location if) lude

E — GULF PWR CO. - SCHOLZ STEAM

RESS P.O. BOX 1151

— P.O. BOX 1151

— PENSACOLA — FL 32520

ITY 500 BAYFRONT PARKWAY

TION PENSACOLA — FL 32520

N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) | (17-19)

FL0002283 — PERMIT NUMBER

001 1 — DISCHARGE NUMBER

COOLING WATER/ASH POND
(SUBR PE)
F - FINAL
MAJOR
EFFLUENT
*** NO DISCHARGE | | ***

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PERATURE, WATER	SAMPLE MEASUREMENT	*******	*******		*******	93	104	(15)	0		
• FAHRENHEIT	PERMIT REQUIREMENT	******	****** ****	****	******	REPORT DAILY AV	REPORT INST MAX	DEG.F		DAILY	INSTAN
11 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	84	87	(15)	0		
LUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** ****	****	******	REPORT DAILY AV	REPORT INST MAX	DEG.F		HOURLY	INSTA
PERATURE, WATER	SAMPLE MEASUREMENT	*******	*******		7.35	*******	7.58	(12)	0		
• FAHRENHEIT	PERMIT REQUIREMENT	******	****** ****	****	6.0	******	8.5	SU		WEEKLY	GRAB
11 7 0 0	SAMPLE MEASUREMENT	*******	129.6	(03)	*******	*******	*******		0		
AKE FROM STREAM	PERMIT REQUIREMENT	******	REPORT INST MAX	MGD	******	******	****** ****	****		DAILY	PMPLOG
00 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI=B	(19)	0		
UENT GROSS VALUE	PERMIT REQUIREMENT	******	****** ****	****	******	******	0.2	MG/L		WEEKLY	GRAB
, IN CONDUIT OR	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI=B	(19)	0		
TREATMENT PLANT	PERMIT REQUIREMENT	******	****** ****	****	******	******	0.036	MG/L		WEEKLY	GRAB
0 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI=B	(19)	0		
UENT GROSS VALUE	PERMIT REQUIREMENT	******	****** ****	****	******	******	0.01	MG/L		WEEKLY	GRAB
RINE, TOTAL											
DUAL											
0 P 0 0											
COMMENTS BELOW											
RINE, TOTAL											
DUAL											
0 Q 0 0											
COMMENTS BELOW											
RINE, TOTAL											
DUAL											
0 S 0 0											
COMMENTS BELOW											

TITLE PRINCIPAL EXECUTIVE OFFICER

Gilchrist
er of Fuel and
onmental Affairs

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 — NUMBER 444-6236

DATE: YEAR 95 — MO 08 — DAY 25

T AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

TERIM LIMIT.
NAL LIMIT.
MIT AT FREE UP MIXING ZONE.

3320-1 (Rev. 9-88) *Previous editions may be used.*

MITTEE NAME/ADDRESS (Include City Name/Location if different)
E - GULF PR - SCHOLZ STEAM
RESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
ITY 500 BAYFRONT PARKWAY
TION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(2-16) FL0002283 PERMIT NUMBER

(17-19) 001 Q DISCHARGE NUMBER

QTR. MONIT. (SUBR PE) F - FINAL MAJOR EFFLUENT

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
AND GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 1.0	(19)	0		
ON EXTR-GRAV METH	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
56 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.0022	(19)	0		
LUENT GROSS VALUE	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
ENIC, TOTAL RECOV	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.61	(19)	0		
BLE	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	1.0 INST MAX	MG/L		QTRLY	GRAB
78 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.011*	(19)	0		
UENT GROSS VALUE	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
N	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.0050	(19)	0		
AL RECOVERABLE	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY.	GRAB
30 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.00020	(19)	0		
UENT GROSS VALUE	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT INST MAX	MG/L		QTRLY	GRAB
PER, TOTAL	SAMPLE MEASUREMENT	*******	*******		*******	*******	1600*	(13)	0		
CU)	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	800 #/ INST MAX	100ML		QTRLY	GRAB
2 1 0 0											
UENT GROSS VALUE											
L RECOVERABLE											
4 1 0 0											
UENT GROSS VALUE											
URY											
L RECOVERABLE											
1 1 0 0											
UENT GROSS VALUE											
FORM, FECAL											
RAL											
5 1 0 0											
UENT GROSS VALUE											

TITLE PRINCIPAL EXECUTIVE OFFICER

. Gilchrist
ger of Fuel and
conmental Affairs

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 — NUMBER 444-6236

DATE: YEAR 95 — MO 08 — DAY 25

T AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

* See Cover Letter.

3320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

ITTEE NAME/ADDR (Include
y Name/Location if
GULF PW - SCHOLZ STEAM
RESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
ITY 500 BAYFRONT PARKWAY
TION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHARGE MONITORING REPORT (DMR)

(2-16) FL0002283 PERMIT NUMBER

(17-19) 001 Q DISCHARGE NUMBER

WTR. MONIT. (SUBR PE)
F - FINAL
MAJOR
EFFLUENT

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
UMIUM, HEXAVALENT T RECOVERABLE 47 1 0 0 LUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 0.010	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

TLE PRINCIPAL EXECUTIVE OFFICER
Gilchrist
er of Fuel and
nmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 95 | MO 08 | DAY 25

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE

MITTEE NAME/ADD clude
ity Name/Location i)
E GULF PWR CO. - SCHOLZ STEAM
RESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA
LITY 500 BAYFRONT PARKWAY
ATIONPENSACOLA
TN: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISC. ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) FL0002263 PERMIT NUMBER

(17-19) 001 Y DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
YEARLY MONITO

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	01	01	TO	95	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ENIUM, TOTAL RECO	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.0020	(19)	0		
ABLE	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
81 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.020	(19)	0		
LUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
KEL, TOTAL (AS NI)	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.020	(19)	0		
67 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
LUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.0050	(19)	0		
C	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
AL RECOVERABLE	SAMPLE MEASUREMENT										
94 1 0 0	PERMIT REQUIREMENT										
UENT GROSS VALUE	SAMPLE MEASUREMENT										
IUM	PERMIT REQUIREMENT										
L RECOVERABLE	SAMPLE MEASUREMENT										
3 1 0 0	PERMIT REQUIREMENT										
UENT GROSS VALUE	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

ITLE PRINCIPAL EXECUTIVE OFFICER

Gilchrist
er of Fuel and
onmental Affairs

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
904	444-6236

DATE

YEAR	MO	DAY
95	08	25

AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*)

MITTEE NAME/ADDRESS (Include
ity Name/Location if
E GULF PW - SCHOLZ STEAM
RESS P.O. BOX 151
P.O. BOX 1151
PENSACOLA FL 32520
ITY 500 BAYFRONT PARKWAY
TION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

FL0002283
PERMIT NUMBER

001 1
DISCHARGE NUMBER

COOLING WATER/ASH POND
(SUBR PE)
F - FINAL
MAJOR
EFFLUENT
*** NO DISCHARGE [XX] ***

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

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ORINATION	SAMPLE MEASUREMENT	******	******		*******	*******		(14)			
ATION	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.0		0		
39 1 0 0	SAMPLE MEASUREMENT						120 MIN-			DAILY RCORDR	
LUENT GROSS VALUE	PERMIT REQUIREMENT						DAILY MX	UTES			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

TITLE PRINCIPAL EXECUTIVE OFFICER
. Gilchrist
ger of Fuel and
conmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 95 | MO 08 | DAY 25

T AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
ITERIM LIMIT.
NAL LIMIT.
MIT AT EFFL OF MIXING ZONE.

3320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

MITTEE NAME/ADDF (include
ity Name/Location if
E GULF P... - SCHOLZ STEAM
RESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
ITY 500 BAYFRONT PARKWAY
ATION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISC DISCHARGE MO (2-16)
IMINATION SYSTEM (NPDES)
NG REPORT (DMR) (17-19)

FL0002283 PERMIT NUMBER

002 1 DISCHARGE NUMBER

(SUBR PE)
F - FINAL
MAJOR
EFFLUENT
*** NO DISCHARGE | | ***

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

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MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
00 1 0 0	SAMPLE MEASUREMENT	*******	*******		7.10	*******	7.74	(12)	0		
LUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
IDS, TOTAL	SAMPLE MEASUREMENT	*******	*******		*******	< 2.0	< 2.0	(19)	0		
PENDED	PERMIT REQUIREMENT	******	******	**** ****	******	30.0 MO AVG	100.0 DAILY MX	MG/L		ONCE/	COMP2 2WEEKS
30 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	< 1.0	< 1.0	(19)	0		
LUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	15.0 MO AVG	20.0 DAILY MX	MG/L		ONCE/	GRAB 2WEEKS
AND GREASE	SAMPLE MEASUREMENT	*******	2.764	(03)	******	*******	*******		0		
ON EXTR-GRAV METH	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	****** ****	****		WEEKLY	ESTIMA
56 1 0 0	SAMPLE MEASUREMENT										
LUENT GROSS VALUE	PERMIT REQUIREMENT										
, IN CONDUIT OR	SAMPLE MEASUREMENT										
TREATMENT PLANT	PERMIT REQUIREMENT										
0 1 0 0	SAMPLE MEASUREMENT										
UENT GROSS VALUE	PERMIT REQUIREMENT										

TITLE PRINCIPAL EXECUTIVE OFFICER
. Gilchrist
ger of Fuel and
ronmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 95 | MO 08 | DAY 25

T AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*)

3320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

ITTEE NAME/ADDR' -lude
y Name/Location if
— GULF PWR • — SCHOLZ STEAM
IESS P.O. BOX 1151
— P.O. BOX 1151
— PENSACOLA — FL 32520
ITY 500 BAYFRONT PARKWAY
TION PENSACOLA — FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCH
DISCHARGE MON
(2-16)

MINATION SYSTEM (NPDES)
G REPORT (DMR)
(17-19)

FL0002283
PERMIT NUMBER

003 1
DISCHARGE NUMBER

CHEM. CLEANING
(SUBR PE)
F - FINAL
MAJOR
EFFLUENT

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

*** NO DISCHARGE | XX | ***

NOTE: Read instructions before completing this form.

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	07	01		95	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	SAMPLE MEASUREMENT	*******	*******			*******		(12)			
00 1 0 0	PERMIT REQUIREMENT	******	******* *****	*****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU	0	WEEKLY	GRAB
UENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******			(19)			
IDS, TOTAL	PERMIT REQUIREMENT	******	******* *****	*****	******	30.0 MO AVG	100.0 DAILY MX	MG/L	0	ONCE/ 2WEEKS	COMP2
PENDED	SAMPLE MEASUREMENT	*******	*******		*******			(19)			
00 1 0 0	PERMIT REQUIREMENT	******	******* *****	*****	******	15.0 MO AVG	20.0 DAILY MX	MG/L	0	ONCE/ 2WEEKS	GRAB
UENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******			(19)			
AND GREASE	PERMIT REQUIREMENT	******	******* *****	*****	******	1.0 DAILY AV	1.0 DAILY MX	MG/L	0	EIGHT/ BATCH	GRAB
IN EXTR-GRAV METH	SAMPLE MEASUREMENT	*******	*******		*******			(19)			
56 1 0 0	PERMIT REQUIREMENT	******	******* *****	*****	******	1.0 DAILY AV	1.0 DAILY MX	MG/L	0	EIGHT/ BATCH	GRAB
UENT GROSS VALUE	SAMPLE MEASUREMENT	0.0	0.0	(03)	******	******	*******				
ER, TOTAL	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	MGD	******	******	******* *****	*****	0	ONCE/ BATCH	CALC
CU)	SAMPLE MEASUREMENT										
2 1 0 0	PERMIT REQUIREMENT										
UENT GROSS VALUE											
, TOTAL (AS FE)											
51 0 0											
UENT GROSS VALUE											
, IN CONDUIT OR TREATMENT PLANT											
0 1 0 0											
UENT GROSS VALUE											

ITLE PRINCIPAL EXECUTIVE OFFICER
. Gilchrist
ger of Fuel and
ronmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6236

DATE: YEAR 95 | MO 08 | DAY 25

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

MITTEE NAME/ADDR (include
ity Name/Location if)
E — GULF PR. — SCHULZ SLAM
RESS P.O. BOX 1151
— P.O. BOX 1151
— PENSACOLA — FL 32520
ITY 500 BAYFRONT PARKWAY
TION PENSACOLA — FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCH
DISCHARGE MOI
(2-16)
IMINATION SYSTEM (NPDES)
G REPORT (DMR)
(17-19)

FL0002283
PERMIT NUMBER

004 G
DISCHARGE NUMBER

SANITARY WASTE - QUARTERLY MON
(SUBR PE)
F - FINAL
MAJOR
EFFLUENT
*** NO DISCHARGE [__] ***

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
, 5-DAY (20 DEG. C) 10 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	6.0	6.0	(19)	0		
LUENT GROSS VALUE	PERMIT REQUIREMENT	*******	*******	**** *****	******	30.0 DAILY AV	60.0 DAILY MX	MG/L		QTRLY	GRAB
IDS, TOTAL PENDED 30 1 0 0	SAMPLE MEASUREMENT	*******	*******		*******	13	13	(19)	0		
LUENT GROSS VALUE	PERMIT REQUIREMENT	*******	*******	**** *****	******	30.0 DAILY AV	60.0 DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

TITLE PRINCIPAL EXECUTIVE OFFICER

Gilchrist
er of Fuel and
onmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
904	444-6236

DATE

YEAR	MO	DAY
95	08	25

T AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

TTEE NAME/ADDRE ude
Name/Location if c
GULF PWR - SCHOLZ STEAM
ESS P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
TY 500 BAYFRONT PARKWAY
ION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

NATIONAL POLLUTANT DISCH/ DISCHARGE MONI (2-16)
FL0002283 PERMIT NUMBER

INATION SYSTEM (NPDES) REPORT (DMR) (17-19)
004 1 DISCHARGE NUMBER

SANITARY WASTE
(SUBR PE)
F - FINAL
MAJOR
EFFLUENT
*** NO DISCHARGE [X] ***

Form Approved. 12345
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	95	07	01	TO	95	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
1, IN CONDUIT OR	SAMPLE MEASUREMENT	0.0005	0.0016	(03)	*******	*******	*******				
TREATMENT PLANT	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	MGD	*******	*******	*******	**** ****	0	DAILY	REPRES
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

ITLE PRINCIPAL EXECUTIVE OFFICER
. Gilchrist
ger of Fuel and
ronmental Affairs
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 NUMBER 444-6236

DATE: YEAR 95 MO 08 DAY 25

AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME: Gulf Power Co. - Scholz Plant
FACILITY I.D.#: 1032P37371
PERMIT #: I032-189371
SAMPLE SITE GMS I.D.#: Outfall 001 1032X10741
SAMPLE SITE LOCATION: Main Plant Discharge
FACILITY ADDRESS: P.O. Box 1151
CITY: Pensacola COUNTY Jackson
PHONE #: (904)444-6236
FACILITY LOCATION: Sneads, Florida

MONTH July
YEAR 1996

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 19, 1996
DATE

DATE	Ni MG/L	Se MG/L	Zn MG/L	Gross Alpha pCi/L	Radium 226	Radium 228	Intake Hardness (mg/l)
1							
2	<0.020	<0.0020	<0.020	<3.0	<0.6	<1.0	49
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE	<0.020	<0.0020	<0.020	<3.0	<0.6	<1.0	49

Facility Name/Location (if different)

NAME GULF POWER CO. - SCHOLZ STEAM

ADDRESS P O BOX 1151

PENSACOLA FL 32520

FACILITY 500 BAYFRONT PARKWAY

LOCATION PENSACOLA FL 32520

ATTN: MR. LANE GILCHRIST

DISCHARGE MONITORING REPORT (DMR)

(12 19)

FL 283 — PERMIT NUMBER

001 1 — DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 96 (20 21) MO 07 (22 23) DAY 01 (24 25) TO YEAR 96 (26 27) MO 07 (28 29) DAY 31 (30 31)

MAJOR

(SUBR PE)

F - FINAL

COOLING WATER [illegible]

Form Approved OMB No. 2040-0004 Expires 3-31-88

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO EX (62 63)	FREQUENCY OF ANALYSIS (64 65)	SAMPLE TYPE (66 67)
TEMPERATURE, WATER DEG, FAHRENHEIT 00011 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	XXX	91.67 REPORT DAILY AV	103 REPORT INST MAX	(15) DLG.F	0	DAILY	INSTAN
	PERMIT REQUIREMENT	XXX	XXX		XXX						
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	XXX	83.51 REPORT DAILY AV	86 REPORT INST MAX	(15) DEG.F	0	HOURLY	INSTAN
	PERMIT REQUIREMENT	XXX	XXX		XXX						
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	6.40	XXX	7.21	(12) SU	0	WEEKLY	GRAB
	PERMIT REQUIREMENT	XXX	XXX		6.0 MINIMUM	XXX	8.5 MAXIMUM				
FLOW, IN CONDUIT OR THRU TREAMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	129.6	(03) MGD	XXX	XXX	XXX	( ) XXX	0	DAILY	COMPOS
	PERMIT REQUIREMENT	XXX	REPORT INST MAX		XXX	XXX	XXX				
CHLORINE, TOTAL RESIDUAL 50060 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	XXX	XXX	No Chlorination	(19) MG/L	0	WEEKLY	GRAB
	PERMIT REQUIREMENT	XXX	XXX		XXX	XXX	0.2 INST MAX				
CHLORINE, TOTAL RESIDUAL 50060 Q 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	XXX	XXX	No Chlorination	(19) MG/L	0	WEEKLY	GRAB
	PERMIT REQUIREMENT	XXX	XXX		XXX	XXX	0.038 INST MAX				
CHLORINE, TOTAL RESIDUAL 50060 S 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	XXX	XXX	No Chlorination	(19) MG/L	0	WEEKLY	GRAB
	PERMIT REQUIREMENT	XXX	XXX		XXX	XXX	0.01 INST MAX				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIG NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE / NUMBER

DATE: YEAR / MO / DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P = INTERIM LIMIT

Q = FINAL LIMIT

S = LIMIT AT EDGE OF MIXING ZONE

EPA Form 332 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED (REPLACES EPA FORM [illegible] WHICH MAY NOT BE USED.)

00005/921229 - 1325

ESS P.O. BOX 1151
P.O. BOX 1151
PENS A FL 32520
ITY 500 FRONT PARKWAY
TION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

FL0002283 (7-10)
PERMIT NU

001 1 (11-12)
DISCHARGE NUMBER

MAJOR
(SUBR PE)
F - FINAL
COOLING WATER

Form Approved.
OMB No. 2040-0004
Approval Expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY
FROM	96 (20-21)	07 (22-23)	01 (24-25)
TO	96 (26-27)	07 (28-29)	31 (30-31)

✲✲✲ NO DISCHARGE | | ✲✲✲

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ORINATION	SAMPLE MEASUREMENT	✲✲✲✲✲✲	✲✲✲✲✲✲	( )	✲✲✲✲✲✲	✲✲✲✲✲✲	No Chlorination	(14)			
ATION	PERMIT REQUIREMENT	✲✲✲✲✲✲	✲✲✲✲✲✲	✲✲✲✲ ✲✲✲✲	✲✲✲✲✲✲	✲✲✲✲✲✲	120 MIN- DAILY MX	UTES	0	DAILY	RCURDR
39 1 0 0	SAMPLE MEASUREMENT										
LUENT GROSS VALUE	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

E/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER

DATE: YEAR | MO | DAY

ENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

INTERIM LIMIT.
FINAL LIMIT.
LIMIT AT EDGE OF MIXING ZONE.

orm 3320-1 (Rev. 9-88) *Previous editions may be used.* (REPLACES EPA FORM T-40 V H MAY NOT BE USED)

DDRESS P.O. BOX 1151 — SCHULZ STEAM
P BOX 1151
P COLA FL 32520
ACILITY 500 BAYFRONT PARKWAY
OCATION PENSACOLA FL 32520
TTN: MR. LANE GILCHRIST

DISCHARGE MONITORING REPORT (DMR)

FL0007 — PERMI — ER

001 — MAJOR (SUBR PE) — F - FINAL — QTR. MONIT.

Form Approved. OMB No. 2040-0004 Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	07	01	TO	96	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
IL AND GREASE	SAMPLE MEASUREMENT	******	******	( )	******	******	<1.0	(19)	0		
REON EXTR-GRAV METH	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT	MG/L		QTRLY	GRAB
0556 1 0 0	SAMPLE MEASUREMENT	******	******	( )	******	******	<0.0020	(19)	0		
FFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT	MG/L		QTRLY	GRAB
RSENIC, TOTAL RECOV	SAMPLE MEASUREMENT	******	******	( )	******	******	0.36	(19)	0		
RABLE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1.0				
0978 1 0 0	SAMPLE MEASUREMENT	******	******	( )	******	******	INST MAX	MG/L		QTRLY	GRAB
FFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	<0.010	(19)	0		
RON	SAMPLE MEASUREMENT	******	******	( )	******	******	REPORT				
OTAL RECOVERABLE	PERMIT REQUIREMENT	******	******	**** ****	******	******	INST MAX	MG/L		QTRLY	GRAB
0980 1 0 0	SAMPLE MEASUREMENT	******	******	( )	******	******	<0.0050	(19)	0		
FFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT				
OPPER, TOTAL	SAMPLE MEASUREMENT	******	******	( )	******	******	INST MAX	MG/L		QTRLY	GRAB
(AS CU)	PERMIT REQUIREMENT	******	******	**** ****	******	******	<0.00020	(19)	0		
1042 1 0 0	SAMPLE MEASUREMENT	******	******	( )	******	******	REPORT				
FFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	INST MAX	MG/L		QTRLY	GRAB
EAD	SAMPLE MEASUREMENT	******	******	( )	******	******					
OTAL RECOVERABLE	PERMIT REQUIREMENT	******	******	**** ****	******	******					
1114 1 0 0	SAMPLE MEASUREMENT	******	******	( )	******	******					
FFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******					
ERCURY	SAMPLE MEASUREMENT	******	******	( )	******	******					
OTAL RECOVERABLE	PERMIT REQUIREMENT	******	******	**** ****	******	******					
1901 1 0 0	SAMPLE MEASUREMENT										
FFLUENT GROSS VALUE	PERMIT REQUIREMENT										

AME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE — AREA CODE — NUMBER

DATE — YEAR — MO — DAY

MMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

ESS P.O. BOX 1151
P.O. BOX 1151
PEN LA FL 32520
ITY 500 WATERFRONT PARKWAY
TION PENSACOLA FL 32520
N: MR. LANE GILCHRIST

(2-10) FL0002283 PERMIT NU

(17-19) 001 Q DISCHARGE NUMBER

MAJOR
(SUBR PE) Form Approved.
F - FINAL OMB No. 2040-000.
QTR. MONIT Approval expires 10-31-94

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	07	01		96	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
OMIUM, HEXAVALENT	SAMPLE MEASUREMENT	******	******	( )	******	******	0.010	(19)	0		
JT RECOVERABLE	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT				
247 1 0 0							INST MAX	MG/L		QTRLY	GRAB
FLUENT GROSS VALUE	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

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TELEPHONE: AREA CODE | NUMBER

DATE: YEAR | MO | DAY

MENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

IDRESS P. O. Box 1151
Pe[illegible]ola, FL 32520

CILITY [illegible]00 Bayfront Parkway
CATION Pensacola, FL 32520
ATTN: Mr. Lane Gilchrist

(2-16) FL0002283 PERMIT N[illegible]

(17-19) 001 DISCHARGE NUMBER

MAJOR
(SUBR PE)
F-FINAL

OMB No. 2040-0004
[illegible] 3-31-88

MONITORING PERIOD

FROM YEAR	MO	DAY	TO YEAR	MO	DAY
96 (20-21)	07 (22-23)	01 (24-25)	96 (26-27)	07 (28-29)	31 (30-31)

COOLING WATER/Annual Monitor

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
NICKEL, TOTAL (AS NI) 01067 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	( )	******	******	<0.020	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
SELENIUM, TOTAL (AS SE) 01147 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	( )	******	******	<0.0020	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	( )	******	******	<0.020	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
CADMIUM, TOTAL (ASCD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	( )	******	******	<0.0050	(19)	0		
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT INST MAX	MG/L		ANNUAL	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER

DATE: YEAR | MO | DAY

ATTACHMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-40 [illegible] MAY NOT BE USED.)

NAME GULF POWER CO. - SCHOLZ
ADDRESS P. O. BOX 1151
ENSACOLA FL 32520
FACILITY 500 BAYFRONT PARKWAY
LOCATION PENSACOLA FL 32520
ATTN: MR. LANE GILCHRIST

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER FL [illegible]283 (2-14)

DISCHARGE NUMBER 003 1 (17-19)

MAJOR
(SUBR PE)
F - FINAL
CHEM. CLEANING

Form Approved
OMB No. 2040-0004
Expires 3-31-88

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96 (20-21)	07 (22-23)	01 (24-25)	TO	96 (26-27)	07 (28-29)	31 (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	( )	No Discharge	XXX	No Discharge	(12)	0		
	PERMIT REQUIREMENT	XXX	XXX	XXX	6.0 MINIMUM	XXX	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	( )	XXX	No Discharge	No Discharge	(19)	0		
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	30.0 MO AVG	100.0 DAILY MX	MG/L		ONCE/ 2 WEEKS	COMP. .24
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	( )	XXX	No Discharge	No Discharge	(19)	0		
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	15.0 MO AVG	20.0 DAILY MX	MG/L		ONCE/ 2 WEEKS	GRAB
COPPER TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	( )	XXX	No Discharge	No Discharge	(19)	0		
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	1.0 DAILY AV	1.0 DAILY MX	MG/L		EIGHT/ BATCH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	( )	XXX	No Discharge	No Discharge	(19)	0		
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	1.0 DAILY AV	1.0 DAILY MX	MG/L		EIGHT BATCH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	No Discharge	No Discharge	(03)	XXX	XXX	XXX	( )	0		
	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	MGD	XXX	XXX	XXX	XXX		ONCE/ BATCH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER

DATE: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

OMB No. 2040-0004
F 3-31-88

ADDRESS P O BOX 1151
PENSACOLA FL 32520

FACILITY 500 BAYFRONT PARKWAY
LOCATION PENSACOLA FL 32520
ATTN: MR LANE GILCHRIST

(2-16) PERMIT NUMBER FL0002[illegible]

(17-19) DISCHARGE NUMBER 002 1

MAJOR
(SUBR PE)
F - FINAL ASH POND DISCHARGE

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	07	01	TO	96	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(3 Card Only) QUANTITY OR LOADING (54-61) MAXIMUM	(3 Card Only) QUANTITY OR LOADING (46-53) UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(4 Card Only) QUALITY OR CONCENTRATION (46-53) AVERAGE	(4 Card Only) QUALITY OR CONCENTRATION (54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
H											
0400 1 0 0	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	6.35	XXX	7.01	(12)	0		
FFLUENT GROSS VALUE	PERMIT REQUIREMENT	XXX	XXX		6.0 MINIMUM	XXX	9.0 MAXIMUM	SU		WEEKLY	GRAB
OLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	XXX	<2.0	<2.0	(19)	0		
00530 1 0 0 FFLUENT GROSS VALUE	PERMIT REQUIREMENT	XXX	XXX		XXX	30.0 MO AVG	100.0 DAILY MX	MG/L		ONCE/ 2 WEEKS	COMP. .24
IL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	XXX	XXX	( ) XXX	XXX	<1.0	<1.0	(19)	0		
00556 1 0 0 FFLUENT GROSS VALUE	PERMIT REQUIREMENT	XXX	XXX		XXX	15.0 MO AVG	20.0 DAILY MX	MG/L		ONCE/ 2 WEEKS	GRAB
LOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	XXX	3.448	(03)	XXX	XXX	XXX	( )	0		
50050 1 0 0 FFLUENT GROSS VALUE	PERMIT REQUIREMENT	XXX	REPORT DAILY MX	MGD	XXX	XXX	XXX	XXX		WEEKLY	WEIR ELEVATION
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER

DATE: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED [illegible] (REPLACES EPA FORM T-49 [illegible] MAY NOT BE USED)

Pensacola, FL 32520

FL0002283 (PERMIT NUMBER) | 004 1 (DISCHARGE NUMBER)

CILITY 500 Bayfront Parkway
CATION Pensacola, FL 32520
Attn: Mr. Lane Gilchrist

MONITORING PERIOD — FROM: YEAR | MO | DAY — TO: YEAR | MO | DAY

MAJOR
(SUBR PE)
F - Final
Sanitary Wastes

E 3-31-88

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
OW, IN CONDUIT OR RU TREATMENT PLANT 0 50 1 0 0 FLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.0002426	0.00035	(03) MGD	***	***	***		0		
	PERMIT REQUIREMENT	Report Daily Av	Report Daily Av		***	***	***				
OD (5-DAY) 0310 1 0 0 FFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	XXX	XXX	3.0	3.0		0		
	PERMIT REQUIREMENT	XXX	XXX		XXX	30 DAILY MX	60 DAILY MX	MG/L		QTRLY	GRAB
OTAL SUSPENDED SOLIDS 0530 1 0 0 FFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	XXX	XXX	17.0	17.0		0		
	PERMIT REQUIREMENT	XXX	XXX		XXX	30 DAILY MX	60 DAILY MX	MG/L		QTRLY	GRAB
OLIFORM, FECAL ENERAL 4055 1 0 0 FFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXX	XXX	XXX	XXX	XXX	<2.0	(13)	0		
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	XXX	800 #/ INST MAX	100 ML		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

AME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

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TELEPHONE: AREA CODE | NUMBER

DATE: YEAR | MO | DAY

MENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-49 WHICH MAY NOT BE USED.)

ELECTRIC GENERATING PLANT
LOCAL PURCHASE REQUISITION

Gulf Power

Vendor	Plant	Date
The Water Spigott, Inc.	SCHOLZ	8-17-96
	Date Required: June, 1996	No 028028
	Manufacturer	

To be picked up ☐ Delivered ☐	Stock ☐ Special Job (DTO) ☐	Work Order No.	Requistion No	Purchase Order No.
			X	

To be used for: Potable Water and NPDES Samples Collection and Analysis

MATERIAL TO BE ORDERED

ITEM	QTY.	DESCRIPTION	ACCOUNT DISTRIBUTION (AND STOCK NUMBER)	TOTAL COST
1	4 EA.	Total Coliform - Potable Water	506-410-08500	$ 80.00
2	1 EA.	BOD 5 - NPDES	506-410-01000	$ 10.00
3	3 EA.	Fecal Coliform (MPN) - NPDES	506-410-01000	$ 45
4	1 EA.	TSS - NPDES	506-410-01000	$ 7.50
			Total	$142.50

QUOTATIONS

Vendors Name		Vendors Name		Vendors Name	
Date of Quote		Date of Quote		Date of Quote	
ITEM	PRICE	ITEM	PRICE	ITEM	PRICE
1		1		1	
2		2		2	
3		3		3	
4		4		4	
5		5		5	
6		6		6	
7		7		7	
8		8		8	
9		9		9	
Delivery		Delivery		Delivery	
Quote By		Quote By		Quote By	
Date Material Received		Approved By		Requested By	L. Villarreal

300344 (8-86)

THE WATER SPIGOT, INC
Environmental Laboratory
5806 Highway 22
Panama City, Florida 32404
(904)871-1900...(904)871-1901....FAX (904)871-9303

DRINKING WATER - BACTERIOLOGICAL ANALYSIS

DHRS CERTIFICATION #81148 & #81105

System Name : GULF POWER - SCHOLTZ System ID# 1320322 System Phone# 593-6421
Address : 1460 GULF POWER RD. SNEADS,FL County JACKSON DEP District NW

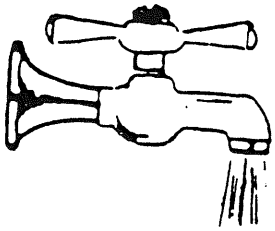
Collector : Jon DeClerk Collector Phone # 904-593-6421
Sample Site (locality or subdivision) : SCHOLTZ
Date & Time Collected 07/8/96 0930-1000

Type of Supply : ___Community water system XXX Noncommunity water system
___Nontransient-noncommunity water system ___Private well ___Swimming Pool
___Bottled water ___Other public water system
Type of Sample : XXX Compliance ___Repeat ___Replacement ___Main Clearance
___Well Survey ___Other (Specify)
Received in Lab : 07/08/96 1233 By EP Analysis Begun 07/08/96 1300 By TG
METHOD: ___MF XX MTF ___MMO-MUG ___PA

Coll No.	Sample Point Specific Address	CL2 Res'd	pH	Sample Number	Analysis Result	Confirmed Total	Confirmed Fecal
1	well #2	0.1	8.4	33188	A		
2	well #3	0.1	8.4	33189	A		
3	lab	0.4	8.4	33190	A		
4	breakroom	0.4	8.4	33191	A		

P = Presence A = Absence

Trish Jackson
Trish Jackson
Laboratory Director



the water spigot

DHRS Laboratory Certification #81148 & #E81105

FINAL REPORT OF ANALYSES

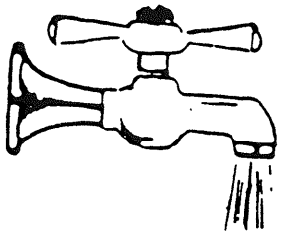
Gulf Power - Scholtz
1460 Gulf Power Rd.
Sneads, FL 32460-
Attn: Leslie Villarreal

REPORT DATE: 07/17/96

SAMPLE NUMBER- 33192 SAMPLE ID- Gulf Power WS070896-17 WWTP SAMPLE MATRIX- WW
DATE SAMPLED- 07/08/96 LOCATION- [redacted] TIME SAMPLED- 1005
DATE RECEIVED- 07/08/96 SAMPLER- Jon DeClerk RECEIVED BY- EP
TIME RECEIVED- 1233 DELIVERED BY- Jon DeClerk

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DET. LIMIT	D/ Q(
BOD5	EPA405.1	07/08/96	1540	LW	[redacted]	mg/L	1	
FECAL COLIFORM (MPN)	SM9221C	07/08/96	1320	TG	[redacted]	MPN/100ml	2	
TSS	EPA160.2	07/09/96	1625	LW	[redacted]	mg/L	0	

LABORATORY DIRECTOR Trish Jopsa



the water spigot

DHRS Laboratory Certification #81148 & #E81105

FINAL REPORT OF ANALYSES

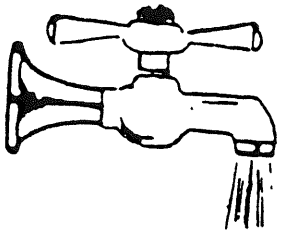
Gulf Power - Scholtz
1460 Gulf Power Rd.
Sneads, FL 32460-
Attn: Leslie Villarreal

REPORT DATE: 07/16/96

SAMPLE NUMBER- [redacted] SAMPLE ID- Gulf Power WS070896-18 Intake SAMPLE MATRIX- WW
DATE SAMPLED- [redacted] LOCATION- [redacted] TIME SAMPLED- 1010
DATE RECEIVED- 07/08/96 SAMPLER- Jon DeClerk RECEIVED BY- EP
TIME RECEIVED- 1233 DELIVERED BY- Jon DeClerk

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DET. LIMIT	DATA QUAL
FECAL COLIFORM (MPN)	SM9221C	07/08/96	1320	TG	22	MPN/100ml	2	

LABORATORY DIRECTOR [signature]



the water spigot

DHRS Laboratory Certification #81148 & #E81105

FINAL REPORT OF ANALYSES

Gulf Power - Scholtz
1460 Gulf Power Rd.
Sneads, FL 32460-
Attn: Leslie Villarreal

REPORT DATE: 07/16/96

SAMPLE NUMBER- [redacted] SAMPLE ID- Gulf Power WS070896-19 Dischrg SAMPLE MATRIX- WW
DATE SAMPLED- [redacted] LOCATION- [redacted] TIME SAMPLED- 1015
DATE RECEIVED- 07/08/96 SAMPLER- Jon DeClerk RECEIVED BY- EP
TIME RECEIVED- 1233 DELIVERED BY- Jon DeClerk

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DET. LIMIT	DATA QUAL
[redacted]	SM9221C	07/08/96	1320	TG	[redacted]	MPN/100ml	2	

LABORATORY DIRECTOR Trish Jackson

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.
900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M6-03354
Received: 03 JUL 96
Reported: 29 JUL 96

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Client PO. No.: B96-000245

CC: Leslie Villarreal

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
03354-5	Scholz Plant Discharge Composite	07-02-96/0800
03354-6	Scholz Lab Blank	07-02-96/0547

PARAMETER	03354-5	03354-6
Mercury (EPA 245.1)		
Mercury, mg/l	<0.00020	<0.00020
Date/Time Analyzed	07.12/1221	07.12/1229
Analyst	LE	LE
Total Nickel (EPA 200.7)		
Nickel, mg/l	<0.020	<0.020
Date/Time Analyzed	07.11/1500	07.11/1505
Analyst	RJB	RJB
Selenium (SM 3114)		
Selenium, mg/l	<0.0020	<0.0020
Date/Time Analyzed	07.10/1612	07.10/1615
Analyst	LE	LE
Zinc (EPA 200.7)		
Zinc, mg/l	<0.020	<0.020
Date/Time Analyzed	07.11/1500	07.11/1505
Analyst	RJB	RJB
Hardness, as CaCO3, mg/l	47	<3.3
Gross Alpha, pCi/l	<3.0	<3.0
Radium 226, pCi/l	<0.60	<0.60
Radium 228, pCi/l	<1.0	<1.0

J. Michael Nance, Project Manager

Final Page Of Report

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M6-03354
Received: 03 JUL 96
Reported: 29 JUL 96

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Client PO. No.: B96-000245

CC: Leslie Villarreal

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
03354-4	Scholz Plant Discharge Grab	07-02-96/0642

PARAMETER	03354-4				
Mercury (EPA 245.1)					
Mercury, mg/l	<0.00020				
Date/Time Analyzed	07.12/1219				
Analyst	LE				
Total Nickel (EPA 200.7)					
Nickel, mg/l	<0.020				
Date/Time Analyzed	07.11/1456				
Analyst	RJB				
Selenium (SM 3114)					
Selenium, mg/l	<0.0020				
Date/Time Analyzed	07.10/1610				
Analyst	LE				
Zinc (EPA 200.7)					
Zinc, mg/l	<0.020				
Date/Time Analyzed	07.11/1456				
Analyst	RJB				
Hardness, as CaCO3, mg/l	49				

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M6-03352
Received: 03 JUL 96
Reported: 29 JUL 96

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Client PO. No.: B96-000245

CC: Leslie Villarreal

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
03352-6	Scholz Plant Intake Composite	07-02-96/0800
PARAMETER	03352-6	
Mercury (EPA 245.1)		
Mercury, mg/l	<0.00020	
Date/Time Analyzed	07.12/1217	
Analyst	LE	
Total Nickel (EPA 200.7)		
Nickel, mg/l	<0.020	
Date/Time Analyzed	07.11/1129	
Analyst	RJB	
Selenium (SM 3114)		
Selenium, mg/l	<0.0020	
Date/Time Analyzed	07.10/1608	
Analyst	LE	
Zinc (EPA 200.7)		
Zinc, mg/l	<0.020	
Date/Time Analyzed	07.11/1129	
Analyst	RJB	
Hardness, as CaCO3, mg/l	47	
Gross Alpha, pCi/l	<3.0	
Radium 226, pCi/l	<0.60	
Radium 228, pCi/l	<1.0	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.
900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M6-03352
Received: 03 JUL 96
Reported: 29 JUL 96

Mr. Pat Parker
Gulf Power Company, Scholz Plant
1460 Gulf Power Road
Sneads, Fl 32460

Client PO. No.: B96-000245

CC: Leslie Villarreal

Project: NPDES
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
03352-5	Scholz Plant Intake Grab	07-02-96/0727

PARAMETER	03352-5
Mercury (EPA 245.1)	
Mercury, mg/l	<0.00020
Date/Time Analyzed	07.12/1214
Analyst	LE
Total Nickel (EPA 200.7)	
Nickel, mg/l	<0.020
Date/Time Analyzed	07.11/1125
Analyst	RJB
Selenium (SM 3114)	
Selenium, mg/l	<0.0020
Date/Time Analyzed	07.10/1601
Analyst	LE
Zinc (EPA 200.7)	
Zinc, mg/l	<0.020
Date/Time Analyzed	07.11/1125
Analyst	RJB
Hardness, as CaCO3, mg/l	49

One Energy Place
Pensacola, Florida 32520

Tel 850.444.6000

GULF POWER
A SOUTHERN COMPANY

August 28, 1997

CERTIFIED MAIL

Florida Department of Environmental Protection
Mail Station 3551
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

FL 000 2275 CRIST ELECTRIC GENERATING PLANT
FL 000 2267 SMITH ELECTRIC GENERATING PLANT
FL 000 2283 SCHOLZ ELECTRIC GENERATING PLANT

Attached are copies of the Discharge Monitoring Reports (DMR's) for each of the referenced facilities for July 1997. Please note the following:

FL 000 2283 SCHOLZ ELECTRIC GENERATING PLANT
The tss composite sample collected on July 29, 1997 was mistaken for a metal sample by Savannah Laboratory (Gulf Power Company's contract laboratory). The sample was preserved with nitric acid when received by Savannah, making the sample unusable for a tss analysis.

FL 000 2267 SMITH ELECTRIC GENERATING PLANT
The gross alpha concentration in the discharge canal (001) was 230+/-260 pCi/l. Please note that the gross alpha concentration in the intake was 83+/-210 and that the Radium 226 and 228 concentrations were below detection limits.

If any questions arise concerning the information in these reports, please call me or Joe Neese at (850) 444-6429.

James O. Vick
Manager, Environmental Affairs

Attachments

cc: J. M. Dominey
S. H. Houston, Jr.
L. A. Jeffers
C. R. Lee
J. W. Martin
J. H. Neese
K. Peacock
J. L. Sherouse
R. A. Terry
J. B. Weston

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)

0002267 PERMIT NUMBER

001 B DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY
FROM	97	07	01
TO	97	07	31

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAIN PLANT DISCHARGE (SUBR PE)
F - FINAL
MAJOR
EFFLUE
*** NO DISCHARGE [ ] ***
NOTE: Read instructions before completing this fo

Form Approved. OMB No. 2040-000 Approval expires 05 12-95

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	S
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	87.2	*******	(15)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	REPORT DAILY AV	*******	DEG.F		FOUR/ DAY	GR
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 Q 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	87.2	*******	(15)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	REPORT DAILY AV	*******	DEG.F		FOUR/ DAY	GR
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	101.9	105.4	(15)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	REPORT DAILY AV	REPORT DAILY MX	DEG.F		HOURLY	RC
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.F 00010 P S 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	14.9	16.7	(15)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	18.0 DAILY AV	REPORT DAILY MX	DEG.F		DAILY	CA
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.F 00010 Q S 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	14.9	16.7	(15)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	18.0 DAILY AV	REPORT DAILY MX	DEG.F		DAILY	CA
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		7.42	*******	7.99	(12)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	6.5 MO MIN	*******	8.5 MO MAX	SU		WEEKLY	GRA
OIL AND GREASE HEXAN EXTR-GRAV MET 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 1.0	(19)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	5.0 DAILY MX	MG/L		ONCE/ MONTH	GRA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311

DATE: YEAR 97 | MO 08

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=CONDENSER 1, Q=CONDENSER 2, R: SEE FOOTNOTE 2, P. 1-2A. 00011P&Q=INTAKE.
IF ABNORMAL OPERATING CONDITIONS, REPORT 61576, OTHERWISE 00018. ENTER "NODI=9" FOR UNNEEDED LINES.
IF TRC NOT DETECTED, ENTER "NODI=B." (IGNORE PAGE 1-2A, H, P, I-2A.) PH: IF NOT NEEDED, ENTER "NODI=9."

EPA Form 3320-1 (08-95) Previous editions may be used. (REPLACES FORM T-40 WHICH MAY NOT BE USED.)

01331/970722-1810

PAGE 1 OF

NAME (Mailing Name, Location if Different)
GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) 0002267 PERMIT NUMBER
(17-18) 001 6 DISCHARGE NUMBER

MAIN PLANT 01
(SUBR PE)
F - FINAL
MAJOR
EFFLUE
*** NO DISCHARGE | | ***

Form Approved.
OMB No. 2040-000
Approval expires 08
12345

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	07	01	TO	97	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this fo

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	S
OXIDANTS, TOTAL RESIDUAL 34044 R 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI=B	(19)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.026 DAILY MX	MG/L		WEEKLY	GR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	273.6	273.6	(03)	*******	*******	*******				
	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	MGD	*******	*******	*******	**** ****	0	HOURLY	PM
TEMP. DIFF. BTWEEN INTAKE AND DISCHARGE 61576 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	NODI=9	NODI=9	(15)			
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	25.0 DAILY AV	REPORT DAILY MX	DEG.F	0	DAILY	CA
TEMP. DIFF. BETWEEN INTAKE AND DISCHARGE 61576 Q 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	NODI=9	NODI=9	(15)			
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	25.0 DAILY AV	REPORT DAILY MX	DEG.F	0	DAILY	CAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311

DATE: YEAR 97 | MO 08 | D 2

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
F=CONDENSER 1, K=CONDENSER 2, K: SEE FOOTNOTE 2, P. I-2A. 00011P&W=INTAKE.
IF ABNORMAL OPERATING CONDITIONS, REPORT 61576, OTHERWISE 00018. ENTER "NODI=9" FOR UNNE[illegible] LINES.
IF [illegible] NOT DETECTED, ENTER "NODI=9." (IGNORE P H, P, I-2A.) PH: IF NOT NEEDED, ENTER "NODI=9."

GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
0002267	001 R

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
97	07	01	TO	97	09	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAIN PLANT DI
(SUBR PE)
F - FINAL
MAJOR
EFFLUE
*** NO DISCHARGE | | ***

Form Approved.
OMB No. 2040-0004
Approval expires 12-31-98

NOTE: Read instructions before completing this fo

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	S
ARSENIC, TOTAL RECOVERABLE 00978 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 2.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	50.0 DAILY MX	UG/L		QTRLY	CK
ARSENIC, TOTAL RECOVERABLE 00978 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
ARSENIC, TOTAL RECOVERABLE 00978 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 2.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	REPORT	UG/L		QTRLY	CK
IRON TOTAL RECOVERABLE 00980 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 30.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	3000 DAILY MX	UG/L		QTRLY	CK
IRON TOTAL RECOVERABLE 00980 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
IRON TOTAL RECOVERABLE 00980 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	150	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK
SELENIUM, TOTAL RECOVERABLE 00981 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 2.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE	
AREA CODE	NUMBER	YEAR	MO
904	444-631	97	08

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

REPORT GROSS AND/OR NET EFFLUENT AS NEEDED. ENTER "NODI=9" FOR ANY LINES NOT NEEDED.
CHECK HERE IF STUDENT'S T TEST USED. _____

NAME (Include Facility Name/ Location if Different)
GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY LOCATION GULF POWER - LANSING SMITH
LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
002267	001 K

MONITORING PERIOD

FROM YEAR (20-21)	MO (22-23)	DAY (24-25)	TO YEAR (26-27)	MO (28-29)	DAY (30-31)
97	07	01	97	09	30

MAIN PLANT DI
(SUBR PE)
F - FINAL
MAJOR
EFFLUE
*** NO DISCHARGE | | ***

Form Approved. OMB No. 2040-0004 Approval expires 05-12345

NOTE: Read instructions before completing this for

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SA
SELENIUM, TOTAL REC VERABLE 00931 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
SELENIUM, TOTAL REC VERABLE 00981 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 2.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK
NICKEL TOTAL RECOVERABLE 01074 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 20.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	8.30 DAILY MX	UG/L		QTRLY	CK
NICKEL TOTAL RECOVERABLE 01074 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
NICKEL TOTAL RECOVERABLE 01074 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 20.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 20.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	86.0 DAILY MX	UG/L		QTRLY	CK
ZINC TOTAL RECOVERABLE 01094 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311
DATE: YEAR 97 | MO 08 | D 2

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
REPORT GROSS AND/OR NET EFFLUENT AS NEEDED. ENTER "NODI=9" FOR ANY LINES NOT NEEDED.
CHECK HERE IF STUDENT'S T TEST USED. _____

EPA F 20-1 (08-96) Previous editions may be used. (REPLACES E (M T-40 WHICH MAY NOT BE USED.)

GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) 0022357 — PERMIT NUMBER
(17-19) 001 F — DISCHARGE NUMBER

MONITORING PERIOD: YEAR 97 MO 07 DAY 01 (20-21) (22-23) (24-25) FROM — YEAR 97 MO 09 DAY 30 (26-27) (28-29) (30-31) TO

MAIN PLANT DIS
(SUBR PE)
F - FINAL
MAJOR
EFFLUE
*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-000
Approval expires 05-

NOTE: Read instructions before completing this for

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SA
ZINC TOTAL RECOVERABLE 01094 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 20.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 50.0	(23)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	9.30 DAILY MX	UG/L		QTRLY	CK
CADMIUM TOTAL RECOVERABLE 01113 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
CADMIUM TOTAL RECOVERABLE 01113 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	170	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 25*	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	5.60 DAILY MX	UG/L		QTRLY	CK
LEAD TOTAL RECOVERABLE 01114 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
LEAD TOTAL RECOVERABLE 01114 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 25*	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 — NUMBER 444-6311
DATE: YEAR 97 — MO 08

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

REPORT GROSS AND/OR NET EFFLUENT AS NEEDED. ENTER "NODI=9" FOR ANY LINES NOT NEEDED.
CHECK HERE IF STUDENT'S T TEST USED. _____

EPA Fo 320-1 (08-95) Previous editions may be used. (REPLACES F RM T-40 WHICH MAY NOT BE USED.)

*E ed detection limits due to sample matrix inter. ice requiring dilution.

GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)

0002267 PERMIT NUMBER | 001 R DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
97	07	01	TO	97	09	30

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAIN PLANT DI
(SUBR PE)
F - FINAL
MAJOR
EFFLUE
*** NO DISCHARGE | | ***

Form Approved. OMB No. 2040-000 Approval expires 05
12345

NOTE: Read instructions before completing this fo

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	S
CHROMIUM TOTAL RECOVERABLE 01118 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	<10.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	50.0 DAILY MX	UG/L		QTRLY	CK
CHROMIUM TOTAL RECOVERABLE 01118 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
CHROMIUM TOTAL RECOVERABLE 01118 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	<10.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	<10.0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	2.90 DAILY MX	UG/L		QTRLY	CK
COPPER TOTAL RECOVERABLE 01119 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CK
COPPER TOTAL RECOVERABLE 01119 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	12	(28)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CK
RADIUM 226 + RADIUM 228, TOTAL 11503 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 1.6+/-44	(17)	0		
	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	5.0 DAILY MX	PCI/L		QTRLY	CUM

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311
DATE: YEAR 97 | MO 08 | D

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
REPORT GROSS AND/OR NET EFFLUENT AS NEEDED. ENTER "NOD1=9" FOR ANY LINES NOT NEEDED.
CHECK HERE IF STUDENT'S T TEST USED. ____

GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

DISCHARGE MONITORING REPORT (DMR)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

(2-16) PERMIT NUMBER: 0002267

(17-19) DISCHARGE NUMBER: 001 R

MAIN PLANT DI
(SUBR PE)
F - FINAL
MAJOR
EFFLUE

Form Approved.
OMB No. 2040-00
Approval expires 05

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this fo

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	07	01	to	97	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	S
MERCURY TOTAL RECOVERABLE 71901 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.20	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.025 DAILY MX	UG/L		QTRLY	CR
MERCURY TOTAL RECOVERABLE 71901 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.0 DAILY MX	UG/L		QTRLY	CR
MERCURY TOTAL RECOVERABLE 71901 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	< 0.20	(28)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	UG/L		QTRLY	CR
ALPHA GROSS RADIOACTIVITY 80029 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	230+/- 260*	(17)	0		
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	15.0 DAILY MX	PCI/L		QTRLY	CU
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

James O. Vick
Manager of Environmental Affai

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311

DATE: YEAR 97 | MO 08

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

REPORT GROSS AND/OR NET EFFLUENT AS NEEDED. ENTER "NODI=9" FOR ANY LINES NOT NEEDED.
CHECK HERE IF STUDENT'S T TEST USED. _____

* See Cover Letter

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved. OMB No. 2040-000
Approval expires 05

GULF POWER - LANSING SMITH
ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

(2-16) PERMIT NUMBER: 0002267
(17-19) DISCHARGE NUMBER: 002 A

METAL CLEANIN
(SUBR PE)
F - FINAL
MAJOR
EFFLUE
12345

MONITORING PERIOD

	YEAR	MO	DAY
FROM	97	07	01
TO	97	07	31

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

*** NO DISCHARGE [XX] ***
NOTE: Read instructions before completing this fo

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	S
FLOW, GALLONS/BATCH	SAMPLE MEASUREMENT			(53)	*******	*******	*******				
00184 1 0 0	PERMIT REQUIREMENT	0.0 REPORT DAILY AV	0.0 REPORT DAILY MX	GPD	*******	*******	*******	**** ****	0	ONCE/ BATCH	
DURING MANUFACTURING											
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*******	*******		*******						
01042 1 0 0	PERMIT REQUIREMENT	*******	*******	*** ****	*******	1.0 DAILY AV	1.0 DAILY MX	(19) MG/L	0	EIGHT/ BATCH	GR
DURING MANUFACTURING											
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*******	*******		*******						
01045 1 0 0	PERMIT REQUIREMENT	*******	*******	*** ****	*******	1.0 DAILY AV	1.0 DAILY MX	(19) MG/L	0	EIGHT/ BATCH	GR
DURING MANUFACTURING											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James U. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311
DATE: YEAR 97 | MO 08 | D

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
H = DISCHARGE FROM TREATMENT SYSTEM EXCEPT PROVIDED IN PERMIT. FOR ONE CLEANING/MONTH REPORT SAME VALUE
BOTH COLUMNS. FOR TWO OR MORE CLEANINGS/MONTH REPORT AVERAGE OF ALL BATCHES UNDER "DAILY AVERAGE" AND
HIGHEST BATCH UNDER "DAILY MAXIMUM".

NAME GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16)

00226	003 A
PERMIT NUMBER	DISCHARGE NUMBER

(17-19)

ASH POND DISC'
(SUBR PE)
F - FINAL
MAJOR.
EFFLUE
*** NO DISCHARGE XXX | ***

Form Approved.
OMB No. 2040-000
Approval expires 05

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	07	01	TO	97	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this fo

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	S
PH	SAMPLE MEASUREMENT	******	******			******		(12)			
00400 H 0 0	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	11.0 MAXIMUM	SU	0	WEEKLY	GR
DURING MANUFACTURING											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******		******			(19)			
00530 H 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	30.0 DAILY AV	100.0 DAILY MX	MG/L	0	WEEKLY	CO
DURING MANUFACTURING											
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	******	******		******			(19)			
00556 H 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	15.0 DAILY AV	20.0 DAILY MX	MG/L	0	ONCE/ 2WEEKS	GR
DURING MANUFACTURING											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0	0.0	(03)	******	******	******				
50050 H 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	MGD	******	******	******	**** ****		DAILY	TOT
DURING MANUFACTURING											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE	
James O. Vick Manager of Environmental Affairs	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)		904	444-6311	97	08
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

H = DISCHARGE FROM THE ASH POND.

GULF POWER - LANSING SMITH

ADDRESS POST OFFICE BOX 1151
PENSACOLA FL 32520-1151

FACILITY GULF POWER - LANSING SMITH
LOCATION LYNN HAVEN FL 32520-1151
ATTN: RACHEL ALLEN

DISCHARGE MONITORING REPORT (DMR) (2-16)

0092267 (17-19) — PERMIT NUMBER

001 R — DISCHARGE NUMBER

MAIN PLANT DISCH. (SUBR PE)
F - FINAL
MAJOR
EFFLUE
*** NO DISCHARGE [ ] ***

Form Approved. OMB No. 2040-0 Approval expires 12-31-95

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	07	01	TO	97	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)
MERCURY TOTAL RECOVERABLE 71901 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI=B	(28)	0	
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.025 DAILY MX	UG/L		QTRLY
MERCURY TOTAL RECOVERABLE 71901 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(28)	0	
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	0.0 DAILY MX	UG/L		QTRLY
MERCURY TOTAL RECOVERABLE 71901 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI=B	(28)	0	
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	UG/L		QTRLY
ALPHA GROSS RADIOACTIVITY 80029 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	*******	230+/- 260*	(17)	0	
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	15.0 DAILY MX	PCI/L		QTRLY
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

RECEIVED
FEB 02 1998
NORTHWEST FLORIDA DEP

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

James O. Vick
Manager of Environmental Affa[illegible]

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE	
AREA CODE	NUMBER	YEAR	MO
904	444-6311	97	08

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

REPORT GROSS AND/OR NET EFFLUENT AS NEEDED. ENTER "NODI=9" FOR ANY LINES NOT NEEDED.
CHECK HERE IF STUDENT'S T TEST USED. _____

* See Cover Letter

EPA Form 3320-1 (08-96) Previous editions may be used. (REPLACES FORM T-40 WHICH MAY NOT BE USED.)

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)* (17-19)

PERMIT NUMBER | DISCHARGE NUMBER

Approved.
O. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM				TO			
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT						92.7		0		
	PERMIT REQUIREMENT						DAILY MX				
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				6.47		7.01		0		
	PERMIT REQUIREMENT				MINIMUM		MAXIMUM				
OXIDANTS, TOTAL (RESID) 50060 1 0 1 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						NODI=B		0		
	PERMIT REQUIREMENT										
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT		274.0						0		
	PERMIT REQUIREMENT		REPORT DAILY MX	MGD							
CHLORINATION DURATION 73739 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						60		0		
	PERMIT REQUIREMENT						DAILY MX	MINUTES			
CHLORINATION DURATION 73739 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						60		0		
	PERMIT REQUIREMENT						DAILY MX	MINUTES			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

James O. Vick
Manager of Environmental Affa

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Jim Vick

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311

DATE: YEAR 97 | MO 08 | DAY 27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 332 8-95) Previous editions may be used. (REPLACES EPA FORM 3320-1 WHICH MAY NOT BE USED.)

PAGE OF

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME
ADDRESS
P. O. BOX 1151
PENSACOLA
FACILITY
LOCATION
PENSACOLA FL 32520
ATTN: MR. M.L. WILCRIST

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)* *(17-19)*

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	07	01	TO	97	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Approved.
No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						<1.0		0		
ARSENIC, TOTAL RECOV. (DRABLE) 00978 P 0 6 SEE COMMENTS BELOW	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						< 0.0020		0		
ARSENIC, TOTAL RECOV. (DRABLE) 00978 P 0 6 SEE COMMENTS BELOW	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						0		0		
ARSENIC, TOTAL RECOV. (DRABLE) 00978 P 0 6 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						<0.0020		0		
IRON, TOTAL RECOVERABLE 01045 P 0 6 SEE COMMENTS BELOW	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						5.2		0		
IRON, TOTAL RECOVERABLE 01045 P 0 6 SEE COMMENTS BELOW	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						0		0		
IRON, TOTAL RECOVERABLE 01045 P 0 6 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						1.8		0		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

James O. Vick
Manager of Environmental Affa

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
904	444-6311

DATE

YEAR	MO	DAY
97	08	27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

[illegible] COMPLIANCE (ATTACH SUPPORTING DATA TO THIS FORM.)

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location (if Different)*
NAME
ADDRESS

FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)* *(17-19)*

PERMIT NUMBER | DISCHARGE NUMBER

Approved.
o. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD

FROM YEAR	MO	DAY	to YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		(3 Card Only) QUANTITY OR LOADING *(46-53)* AVERAGE	MAXIMUM *(54-61)*	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	AVERAGE *(46-53)*	MAXIMUM *(54-61)*	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
LEAD TOTAL RECOVERABLE 01114 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						< 0.0050		0		
	PERMIT REQUIREMENT						REPORT DAILY MX				
LEAD TOTAL RECOVERABLE 01114 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						0		0		
	PERMIT REQUIREMENT						DAILY MX				
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT						<0.0050		0		
	PERMIT REQUIREMENT						REPORT DAILY MX				
COPPER TOTAL RECOVERABLE 01119 0 0 0 1 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						< 0.010		0		
	PERMIT REQUIREMENT						REPORT DAILY MX				
COPPER TOTAL RECOVERABLE 01119 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						0		0		
	PERMIT REQUIREMENT						DAILY MX				
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT						<0.010		0		
	PERMIT REQUIREMENT						REPORT DAILY MX				
MERCURY TOTAL RECOVERABLE 71900 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						< 0.00020		0		
	PERMIT REQUIREMENT						REPORT DAILY MX				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

James O. Vick
Manager of Environmental Affa

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
904	444-6311

DATE

YEAR	MO	DAY
97	08	27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)* (17-19)

PERMIT NUMBER | DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
MERCURY TOTAL RECOVERABLE 71901 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						0		0		
	PERMIT REQUIREMENT						0 DAILY MX			1/YR	GRAB
MERCURY TOTAL RECOVERABLE 71901 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT						<0.00020		0		
	PERMIT REQUIREMENT						REPORT DAILY AV			1/YR	GRAB
CHROMIUM, HEXAVALEN TOT RECOVERABL 7024 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						< 0.010		0		
	PERMIT REQUIREMENT						REPORT DAILY AV			1/YR	GRAB
CHROMIUM, HEXAVALEN TOT RECOVERABL 7024 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT						0		0		
	PERMIT REQUIREMENT						0 DAILY MX			1/YR	GRAB
CHROMIUM, HEXAVALEN TOT RECOVERABL 7024 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT						<0.010		0		
	PERMIT REQUIREMENT						REPORT DAILY AV	UG/L		1/YR	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
James O. Vick Manager of Environmental Affa	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Jim Vick	904 444-6311	97	08	27
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

[illegible] "I" FOR NON-COMPLIANCE. (ATTACH SUPPORTING DATA IF NOT [illegible]

EPA Form 332 [illegible]-95) Previous editions may be used. (REPLACES EPA FORM [illegible]-0 WHICH MAY NOT BE USED.)

Name/Location if different)
GULF PWR CO. - CRIST
P.O. BOX 1151
P.O. BOX 1151
PENSACOLA FL 32520
FACILITY GULF PWR CO. - CRIST
LOCATION PENSACOLA FL 32520
ATTN: MR. M.L. GILCRIST

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

FLOL .75 — PERMIT NUMBER (15-17)
001 Y — DISCHARGE NUMBER (17-19)

MONITORING PERIOD: FROM YEAR 96 MO 01 DAY 01 (20-21) (22-23) (24-25) TO YEAR 96 MO 12 DAY 31 (26-27) (28-29) (30-31)

ANNUAL MONIT.
(SUBR PE) Form Approved. 12345
F - FINAL OMB No. 2040-0004
MAJOR Approval expires 10-31-94
EFFLUE
*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SELENIUM, TOTAL RECOVERABLE 00981 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	<0.0020	(19)	0		
	PERMIT REQUIREMENT			*** ****			REPORT DAILY MX	MG/L		ANNUAL	COMPZ4
SELENIUM, TOTAL RECOVERABLE 00981 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	0	(19)	0		
	PERMIT REQUIREMENT			*** ****			0 DAILY MX	MG/L		ANNUAL	COMPZ4
SELENIUM, TOTAL RECOVERABLE 00981 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	<0.0020	(19)	0		
	PERMIT REQUIREMENT			*** ****			REPORT DAILY MX	MG/L		ANNUAL	COMPZ4
NICKEL, TOTAL (AS NI) 01067 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	<0.020	(19)	0		
	PERMIT REQUIREMENT			*** ****			REPORT DAILY MX	MG/L		ANNUAL	COMPZ4
NICKEL, TOTAL (AS NI) 01067 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	0	(19)	0		
	PERMIT REQUIREMENT			*** ****			0 DAILY MX	MG/L		ANNUAL	COMPZ4
NICKEL, TOTAL (AS NI) 01067 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	<0.020	(19)	0		
	PERMIT REQUIREMENT			*** ****			REPORT DAILY MX	MG/L		ANNUAL	COMPZ4
ZINC TOTAL RECOVERABLE 01094 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	<0.020	(19)	0		
	PERMIT REQUIREMENT			*** ****			REPORT DAILY MX	MG/L		ANNUAL	COMPZ4

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
JAMES O VICK
MANAGER OF
ENVIRONMENTAL AFFAIRS
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 850 | NUMBER 444-6311

DATE: YEAR 97 | MO 08 | DAY 27

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P= REPORT '0' FOR COMPLIANCE OR '1' FOR NON-COMPLIANCE (ATTACH SUPPORTING DATA TO DMR) IGNORE UNITS.

EPA Form 33[illegible] (Rev. 9-88) Previous editions may be used. (REPLACES EPA FO[illegible] (O WHICH MAY NOT BE USED)

NAME/ADDRESS (Include Facility Name/Location if different)
[redacted]LE PHR CO. - CRIST
[redacted]O. BOX 1151
[redacted]O. BOX 1151
[redacted] PENSACOLA FL 32520
FACILITY GULE PHR CO. - CRIST
LOCATION PENSACOLA FL 32520
ATTN: MR. M.L. GILCRIST

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

FLOR[redacted]275 (PERMIT NUMBER) | 001 Y (DISCHARGE NUMBER) (17-19)

MONITORING PERIOD: FROM YEAR 96 MO 01 DAY 01 (20-21) (22-23) (24-25) TO YEAR 96 MO 12 DAY 31 (26-27) (28-29) (30-31)

ANNUAL MONIT.
(SUBR PE) Form Approved. 12345
F - FINAL OMB No. 2040-0004
MAJOR Approval expires 10-31-94
EFFLUE
*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ZINC TOTAL RECOVERABLE 01094 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	0	(19)	0		
	PERMIT REQUIREMENT	[redacted]	[redacted]	*** ****	[redacted]	[redacted]	0 DAILY MX	MG/L		ANNUAL	COMP24
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 0.020	(19)	0		
	PERMIT REQUIREMENT	[redacted]	[redacted]	*** ****	[redacted]	[redacted]	REPORT DAILY MX	MG/L		ANNUAL	COMP24
CADMIUM TOTAL RECOVERABLE 01113 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	< 0.0030	(19)	0		
	PERMIT REQUIREMENT	[redacted]	[redacted]	*** ****	[redacted]	[redacted]	REPORT DAILY MX	MG/L		ANNUAL	COMP24
CADMIUM TOTAL RECOVERABLE 01113 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	0	(19)	0		
	PERMIT REQUIREMENT	[redacted]	[redacted]	*** ****	[redacted]	[redacted]	0 DAILY MX	MG/L		ANNUAL	COMP24
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 0.0050	(19)	0		
	PERMIT REQUIREMENT	[redacted]	[redacted]	*** ****	[redacted]	[redacted]	REPORT DAILY MX	MG/L		ANNUAL	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
JAMES O VICK
MANAGER OF
ENVIRONMENTAL AFFAIRS
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 850 | NUMBER 444-6311

DATE: YEAR 97 | MO 08 | DAY 27

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

P= REPORT '0' FOR COMPLIANCE OR '1' FOR NON-COMPLIANCE (ATTACH SUPPORTING DATA TO DMR) IGNORE UNITS.

EPA Form 332[redacted] *(Rev. 9-88) Previous editions may be used.* (REPLACES EPA FORM [redacted]40 WHICH MAY NOT BE USED.)

01447/961008-1728

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)* *(17-19)*

PERMIT NUMBER | DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR	MO	DAY	TO YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		(3 Card Only) QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT				8.10		8.87		0		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				6.0 MINIMUM		10.2 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT					8.0	14.0		0		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					30.0 30 DAY AVG	73.0 DAILY MX	MG/L		WEEKLY	GRAB
OIL AND GREASE FREON EXTR - RAY METH	SAMPLE MEASUREMENT					<1.0	<1.0		0		
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					7.0 30 DAY AVG	11.0 DAILY MX	MG/L		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	13.60	19.018	MGD					0		
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DAY AVG	REPORT DAILY MX	MGD						DAILY	TOTAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

James O. Vick
Manager of Environmental Affairs

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
904	444-6311	97	08	27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location (If Different)*
NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)* (17-19)

PERMIT NUMBER | DISCHARGE NUMBER

Approved.
o. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM				TO			31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

XXXXX

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT										
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					30.0 DAILY AV	100.0 DAILY MX		0		
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT										
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					15.0 DAILY AV	20.0 DAILY MX	MG/L	0		
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT										
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					1.0 DAILY AV	1.0 DAILY MX	MG/L	0		
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT										
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					1.0 DAILY AV	1.0 DAILY MX		0		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0	0.0								
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX						0		
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
James O. Vick Manager of Environmental Affairs	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	904 444-6311	97 08 27
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR) (17-19)

PERMIT NUMBER

DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD

FROM YEAR (20-21)	MO (22-23)	DAY (24-25)	TO YEAR (26-27)	MO (28-29)	DAY (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	9.36	*******	(MGD)	*******	*******	*******		0		
	PERMIT REQUIREMENT	REPORT DAILY AV	*******	MGD	*******	*******	*******			DAILY	CALC
CHLORINATION 50060 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******			*******	20	(MG/L)	0		
	PERMIT REQUIREMENT	*******	*******		*******	*******	1.0 DAILY AVG	MG/L		DAILY	MEAS
CHLORINATION 50060 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******			*******	20	(MG/L)	0		
	PERMIT REQUIREMENT	*******	*******		*******	*******	1.0 DAILY AVG	MG/L		DAILY	MEAS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

James O. Vick
Manager of Environmental Affairs

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904, NUMBER 444-6311

DATE: YEAR 97, MO 08, DAY 27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EPA Form 332 (-95) Previous editions may be used. (REPLACES EPA FORM WHICH MAY NOT BE USED.)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(17-19)

PERMIT NUMBER | DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Approved.
No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT										
00400 1 0 0	PERMIT REQUIREMENT				6.0 MINIMUM		8.5 MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT										
00530 1 0 0	PERMIT REQUIREMENT						50.0	MG/L			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manger of Environmental Affa
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 NUMBER 444-6311

DATE: YEAR 97 MO 08 DAY 27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 332 -95) Previous editions may be used. (REPLACES EPA FORM 1-40 WHICH MAY NOT BE USED.)

PAGE OF

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)* *(17-19)*

PERMIT NUMBER | DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR	MO	DAY	TO YEAR	MO	DAY
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	*******	*******			******		(12)			
	PERMIT REQUIREMENT	*******	*******		6.0 MINIMUM	*******	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*******	*******		*******	*******		(19)			
	PERMIT REQUIREMENT	*******	*******		*******	*******	61.0 DAILY MAX	mg/L		DAILY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
James O. Vick
Manager of Environmental Affairs
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 904 | NUMBER 444-6311

DATE: YEAR 97 | MO 08 | DAY 27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. - Scholz Plant
FACILITY I.D.#	1032P37371
PERMIT #	I032-189371
SAMPLE SITE GMS I.D.#	Outfall 001 1032X10741
SAMPLE SITE LOCATION	Main Plant Discharge
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY Jackson
PHONE #	(904)444-6236
FACILITY LOCATION	Sneads, Florida

MONTH July
YEAR 1997

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 28,1997
DATE

Date	Ni MG/L	Se MG/L	Zn MG/L	Gross Alpha pCi/L	Radium 226	Radium 228	Hardness mg/l
1	<0.020	<0.0020	<0.020	<3.0+/-1.0	<0.6+/-0.05	<1.0+/-0.45	31
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE	<0.020	<0.0020	<0.020	<3.0+/-1.0	<0.6+/-0.05	<1.0+/-0.45	31

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS
INDUSTRIAL WASTEWATER TREATMENT PLANT MONTHLY OPERATING REPORT

FACILITY NAME	Gulf Power Co. - Crist Plant
FACILITY I.D.#	1017P00570
PERMIT #	I017-189377
SAMPLE SITE GMS I.D.#	107X10108
SAMPLE SITE LOCATION	Main Plant Discharge
FACILITY ADDRESS	P.O. Box 1151
CITY	Pensacola COUNTY ESCAMBIA
PHONE #	(904)444-6236
FACILITY LOCATION	Pensacola, Fl,

MONTH July
YEAR 1997

ALL SAMPLES TAKEN AS REQUIRED BY PERMIT.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

SIGNATURE OF INDIVIDUAL IN CHARGE

August 28, 1997
DATE

Date	Ni MG/L	Se MG/L	Zn MG/L	Gross Alpha pCi/L	Radium 226 pCi/L	Radium 228 pCi/L	Hardness MG/L
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	<0.020	<0.0020	<0.020	<3.0+/-0.94	<0.6+/-0.05	<1.0+/-0.42	25
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL							
AVERAGE	<0.020	<0.0020	<0.020	<3.0+/-0.94	<0.6+/-0.05	<1.0+/-0.42	25

DATE: June 18, 1998

RE: Investigation of Nickel Uses at Plant Scholz

FROM: Joe Neese

TO: Mike Markey

On June 10, 1998 an investigation was conducted to determine if any nickel source could be located at this plant that could affect the groundwater in MW 210 MD. No compounds containing nickel were located. Several alloys containing nickel are used at the plant; however, none of these are in contact with the soil. The largest source of nickel at the plant is the condenser, which contains tubes which are an alloy of 90% copper and 10% nickel. There are several thermocouple devices that are composed of chromel, an alloy of nickel, and alumel. In the laboratory, a calorimeter bomb is used that is made of monel, another nickel alloy. There are numerous instruments that use nickel/cadmium batteries, but these batteries are left in the instruments until they are disposed of, off site, according to regulations.

These were the only sources of nickel located during the search. It is my opinion that none of these sources could contribute to the occurrence of nickel in MW 210 MD

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

2846 Industrial Plaza Drive (32301) • P.O. Box 13056 • Tallahassee, FL 32317-3056 • (850) 878-3994 • Fax (850) 878-9504

LOG NO: T8-11764
Received: 11 JUN 98
Reported: 16 JUN 98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Nickel Evaluation
Sampled By: Savannah Laboratories
Code: 123480616

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
11764-1	MW-205MD	06-10-98/0918
11764-2	MW-210MD	06-10-98/1208
11764-3	MW-204S	06-10-98/1523

PARAMETER	11764-1	11764-2	11764-3
TCP-Scan (200.7)			
Nickel, mg/l	<0.020	0.15	<0.020
Preparation Date	05.12.98	06.12.98	06.12.98
Date Analyzed	06.12.98	06.12.98	06.12.98

Method: EPA 40 CFR Part 136
Florida Dept. of Health Certification No. : E81005
FDEP CompQAP NO.: 890142G

Laura B. Snead
Laura B. Snead, Project Manager

PHOTOGRAPH LOG - MW-210MD
6-10-98

#	TIME	APPEARANCE	PURGE VOLUME	NOTES
1	1019	CLEAR	3 GAL	"BLANK" DI WATER
2	1036	CLEAR	3.25	1ST VOL
3	1041	CLEAR	6.50	2ND VOL
4	1049	CLEAR	9.75	3RD VOL
5	1056	CLEAR	13.00	4TH VOL
6	1102	CLEAR	16.25	5TH VOL
7	1116	TURBID	16.25	
8	1126	TURBID		BUCKET STIRRED @ 1118
9	1136	TURBID - ORANGE		BUCKET STIRRED @1127. CLOUD COVER
10	1146	TURBID - ORANGE		STIRRED @ 1137
11	1156	TURBID - ORANGE		STIRRED @ 1147

J Rollins
FIELD TECH
SAVANNAH LABORATORIES

MONITORING WELL
SAMPLING FIELD DATA

Site Name (from permit) GP SCHOLZ Site GMS# (from permit) 1032P37371

Well "Name" (from permit) MW-205 MD Well Tasmate #(from permit) 1032A 13167

Does well appear to be damaged in any way? Yes/(No) If yes, explain: _____

Distance from top of casing to top of water (feet) (0.01 precision) 80.61

Distance from top of casing to bottom of well (feet) 95.87

Length of water column (feet) 15.26 Diameter of well casing (inches) 2"

Volume of water column in well (gallons) 2.59

Top of casing elevation (feet NGVD) 135.06

Water level elevation (feet NGVD) 54.45

PURGING DEVICE

Pump	Bailer	Other
Type SS SUBMERSIBLE	Bailer Volume _____ (gallons)	Narrative Description Required
Rate 1 GPM	# of Bailers Removed _____	

* Three to five well volumes must be purged prior to sample collection.

Purge Time Start 0856 End 0918 Volume Purged (gallons) 13.5

PURGE INTERRUPTED TWICE TO LOWER PUMP - WELL DRAWDOWN.

Log of Field Measurements taken Prior to Sample Collection

* Field measurements must be stabilized over at least three consecutive readings

Time	0902	0905	0907	0913		
Volume Removed (gals)	3	6	8	11		
pH	10.58	9.08	8.70	8.38		
Temp. (°C)	23.8°C	23.8	24.2	24.1		
Sp. Cond. (umhos/cm)	722	206	212	214		
Appearance	TURBID	CLEAR	CLEAR	CLEAR	TURB = 2.2	

Sample Device SUBMERSIBLE Composition of Device SS/TEFLON

Sample Date 6-10-98 Sample Time 0918

Sample Collected by: V. ROBBINS of Savannah Laboratories - TALLAHASSEE

Laboratory Analyses by Savannah Laboratories - TALLAHASSEE

NGVD - National Geodetic Vertical Datum

MONITORING WELL
SAMPLING FIELD DATA

Site Name (from permit) GP- SCHOLZ Site GMS# (from permit) 1032 P37371

Well "Name" (from permit) MW-210MD Well Testsite #(from permit) 1032A13168

Does well appear to be damaged in any way? Yes/(No) If yes, explain: _____

Distance from top of casing to top of water (feet) (0.01 precision) 48.06

Distance from top of casing to bottom of well (feet) 67.12

Length of water column (feet) 19.06 Diameter of well casing (inches) 2"

Volume of water column in well (gallons) 3.24

Top of casing elevation (feet NGVD) 94.42

Water level elevation (feet NGVD) 46.36

PURGING DEVICE

Pump	Bailer	Other
Type SS SUBMERSIBLE	Bailer Volume _____ (gallons)	Narrative Description Required
Rate 1 GPM	# of Bailers Removed _____	

* Three to five well volumes must be purged prior to sample collection.

Purge Time Start 1032 End 1101 Volume Purged (gallons) 16.25

PURGE INTERRUPTED SEVERAL TIMES TO PHOTOGRAPH PURGE WATER.

Log of Field Measurements taken Prior to Sample Collection

* Field measurements must be stabilized over at least three consecutive readings

Time	1036	1044	1048	1055	_____	_____
Volume Removed (gals)	3.25	6.5	9.75	13	_____	_____
pH	6.15	6.24	6.28	6.22	_____	_____
Temp. (°C)	24.5°C	25.2	24.1	24.3	_____	_____
Sp. Cond. (umhos/cm)	2532	2359	2166	1993	_____	_____
Appearance	CLEAR	CLEAR	CLEAR	CLEAR	TURB: 0.89	

Sample Device SUBMERSIBLE Composition of Device SS/TEFLON

Sample Date 6-10-98 Sample Time 1208

Sample Collected by: V. ROBBINS of Savannah Laboratories - TALLAHASSEE

Laboratory Analyses by Savannah Laboratories - TALLAHASSEE

NGVD - National Geodetic Vertical Datum

MONITORING WELL
SAMPLING FIELD DATA

Site Name (from permit) GP SCHOLZ Site GMS# (from permit) 1032P37371

Well "Name" (from permit) MW-2045 Well Testate #(from permit) 1032A13171

Does well appear to be damaged in any way? Yes (No) If yes, explain: _____

Distance from top of casing to top of water (feet) (0.01 precision) 10.30

Distance from top of casing to bottom of well (feet) 25.33

Length of water column (feet) 15.03 Diameter of well casing (inches) 4

Volume of water column in well (gallons) 9.92

Top of casing elevation (feet NGVD) 107.89

Water level elevation (feet NGVD) ~~82.56~~ 97.59 ~~X~~

PURGING DEVICE

Pump	Bailer	Other
Type SS SUBMERSIBLE	Bailer Volume _____ (gallons)	Narrative Description Required
Rate 1 GPM	# of Bailers Removed _____	

* Three to five well volumes must be purged prior to sample collection.

Purge Time Start 1452 End 1523 Volume Purged (gallons) _____

Log of Field Measurements taken Prior to Sample Collection

* Field measurements must be stabilized over at least three consecutive readings

Time	1502	1512	1522	_____	_____	_____	
Volume Removed (gals)	10	20	30	_____	_____	_____	
pH	5.94	5.79	5.72	_____	_____	_____	
Temp. (°C)	22.3°C	21.7	21.4	_____	_____	_____	
Sp. Cond. (umhos/cm)	605	591	589	_____	_____	_____	
Appearance	CLEAR	CLEAR	CLEAR	TURB:	0.94	_____	

Sample Device SS/TFE PUMP Composition of Device SS/TFE

Sample Date 6-10-98 Sample Time 1523

Sample Collected by: V. ROBBINS of Sevannah Laboratories - TALLAHASSEE

Laboratory Analyses by Sevannah Laboratories - TALLAHASSEE

NGVD - National Geodetic Vertical Datum

MONITORING WELL
SAMPLING FIELD DATA

Site Name (from permit) GP SCHOLZ Site GMS# (from permit) 1032P37371

Well "Name" (from permit) MW-210S Well Tenasite #(from permit) 1032A 13179

Does well appear to be damaged in any way? Yes (No) If yes, explain: _____

Distance from top of casing to top of water (feet) (0.01 precision) 11.05

Distance from top of casing to bottom of well (feet) 11.50

Length of water column (feet) 0.45 Diameter of well casing (inches) 4"

Volume of water column in well (gallons) 0.30

Top of casing elevation (feet NGVD) 93.50

Water level elevation (feet NGVD) 82.45

PURGING DEVICE

Pump	Bailer	Other
Type _____	Bailer Volume _____ (gallons)	Narrative Description Required
Rate _____	# of Bailers Removed N/A	

* Three to five well volumes must be purged prior to sample collection.

Purge Time Start N/A End _____ Volume Purged (gallons) _____

INSUFFICIENT WATER IN WELL - NO PURGE

Log of Field Measurements taken Prior to Sample Collection

* Field measurements must be stabilized over at least three consecutive readings

Time						
Volume Removed (gals)						
pH						
Temp. (°C)						
Sp. Cond. (umhos/cm)						
Appearance						

Sample Device _____ Composition of Device _____

Sample Date 6-10-98 Sample Time 1134 - NO SAMPLE / WELL DRY

Sample Collected by: V. ROBBINS of Savannah Laboratories - TALLAHASSEE

Laboratory Analyses by Savannah Laboratories - TALLAHASSEE

NGVD - National Geodetic Vertical Datum

SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC

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MONITORING WELL SAMPLING FIELD LOG

GULF POWER

Permit:
Site Name: SCHOLZ
Site GMS #: 1032P37371
Well Name: MW-205MD
Well Testsite #: 1032A13167

Well Type: [ ] BG [ ] SB [ ] INT [ ] COMP

Well Condition: Intact: [X] Damaged: [ ]
If Damaged, Explain:

Weather Conditions:
[ ] Sunny [X] Partly Cloudy [ ] Cloudy [ ] Foggy [ ] Light Rain [ ] Heavy Rain
[X] Dry Ground [ ] Wet Ground [ ] Other:

Well Information:
Diameter: 2 inches
Casing Depth: 95.47 feet
Casing Elevation: 135.06 feet-msl
Water Level: 80.61 feet (to 0.01')
Water Elevation: 54.45 feet-msl
Length of Water Column: 15.26 feet
Volume of Water in the Well: X3 = 7.78; X5 = ~~12.95~~ 12.95 gal

Well Purging:
[X] Pump [ ] Bailer [ ] Other:
[ ] Peristaltic [X] Submersible [ ] Bladder
[ ] Teflon [X] SS [ ] Polypropylene
[ ] Teflon [ ] SS [ ] Polypropylene
Volume:
Rate: 1 GPM
# of Bailers Removed:
STOP 0857 / START 0900 / STOP 0908 / START 0910
Start Purge (time): 0856 End Purge (time): 0918
Well Recharge Rate: POOR
Comments: PURGE 5 VOLUMES THEN SAMPLE

Field Measurements Prior to Sample Collection:

Time:	0902	0905	0907	0913
pH:	10.58	9.05	8.70	8.38
D.O.:				
Spec. Cond.:	722	206	212	214
Temp:	23.8°C	23.8	24.2	24.1
Amount Purged:	3	6	8	11

Comments: PURGE: 2.2

TURB: 0.67 (+.03) 6.4 (±0) 83 (-1.0)

Calibration SC = 97.7

	Date	Time
4.02/4.01 (units @ pH 4)	6-10	0800
6.99/6.99 (units @ pH 7)		
9.97@26.5° (units @ pH 10)		
(mg/L)		
101% (accuracy)		

1048 X 1.0168 ÷ 1051 = 1.014

Sample Collection:

A. Device: Bailer
Material: [ ] Teflon [ ] SS [ ] Polypropylene
Order of Parameters Collected (A):
Sampling Date:
Time:
[ ] -Volatiles
[ ] -Extr.Organics
[ ] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

B. Device: Pump
Type: [ ] Peristaltic [X] Submersible [ ] Bladder
Material: [ ] Teflon [X] SS [ ] Polypropylene
Order of Parameters Collected (B):
Sampling Date: 6-10-98
Time: 0918
[ ] -Volatiles
[ ] -Extr.Organics
[1] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

Sample Appearance:
[X] Clear [ ] Turbid [ ] Sheen [ ] Color:
Comments:

Checklist:
[X] Bottles Labelled [X] Well Locked [X] Samples Iced [X] Custody Form Completed
Date / Time
Sampling Completed: 6-10-98 0920

Signature of Sampler:

SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC

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MONITORING WELL SAMPLING FIELD LOG

GULF POWER

From Permit:
Site Name: SCHOLZ
Site GMS #: 1032P37371
Well Name: MW-210MD
Well Testsite #: 1032A/3168

Well Type: [ ] BG [ ] SB [ ] INT [ ] COMP

Well Condition: Intact: [X] Damaged: [ ]
If Damaged, Explain:

Weather Conditions:
[ ] Sunny [X] Partly Cloudy [ ] Cloudy [ ] Foggy [ ] Light Rain [ ] Heavy Rain
[X] Dry Ground [ ] Wet Ground [ ] Other:

Well Information:
Diameter: 2 inches
Casing Depth: 67.12 feet
Casing Elevation: 94.42 feet ~~msl~~ NGVD
Water Level: 48.06 feet (to 0.01') JH
Water Elevation: 46.36 feet ~~msl~~ NGVD
Length of Water Column: 19.06 feet
Volume of Water in the Well: X3 = 9.72 / 3.24 gal

Well Purging:
[X] Pump FIELD CLEAN IAW QAP [ ] Bailer [ ] Other:
[ ] Peristaltic [X] Submersible [ ] Bladder
[ ] Teflon [X] SS [ ] Polypropylene
[ ] Teflon [ ] SS [ ] Polypropylene
Rate: 1 GPM (VF) 1036
Volume: # of Bailers Removed:
(VF) STOP 1039 / START 1038 / STOP 1041 / START 1044 / STOP 1048 / START 1051 / STOP 1055 / START
Start Purge (time): ~~1030~~ 1032 End Purge (time): 1101 Well Recharge Rate: GOOD
Comments: PURGE 5 VOLS THEN SAMPLE

Field Measurements Prior to Sample Collection:

Time:	1036	1044	1048	1055
pH:	6.15	6.24	6.28	6.22
D.O.:				
Spec. Cond.:	2532	2359	2166 (FS) ~~2064~~	1993
Temp:	24.5°C	25.2°	24.2	24.3
Amount Purged:	3.25	6.5	9.75	13
Comments:	TURB: 0.89			

TURB: 0.67 (+.03) 6.4 (±0) 83 (-1.0)

Calibration SCP-977	Date	Time
4.02/4.01 (units @ pH 4)	6-10	0820
6.99/6.99 (units @ pH 7)		
9.97@26.5° (units @ pH 10)		
(mg/L)		
101 % (accuracy)		

1048 x 1.0168 ÷ 1051 = 1.014

Sample Collection:

A. Device: Bailer
Material: [ ] Teflon [ ] SS [ ] Polypropylene
Order of Parameters Collected (A):
Sampling Date:
Time:
[ ] -Volatiles
[ ] -Extr.Organics
[ ] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

B. Device: Pump
Type: [ ] Peristaltic [X] Submersible [ ] Bladder
Material: [ ] Teflon [X] SS [ ] Polypropylene
Order of Parameters Collected (B):
Sampling Date: 6-10-98
Time: 1208
[ ] -Volatiles
[ ] -Extr.Organics
[1] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

Sample Appearance:
[X] Clear [ ] Turbid [ ] Sheen [ ] Color:
Comments:

Checklist:
[X] Bottles Labelled [X] Well Locked [X] Samples Iced [X] Custody Form Completed
Date / Time
Sampling Completed: 6-10-98 | 1209
Signature of Sampler: J Robbins

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GULF POWER MONITORING WELL SAMPLING FIELD LOG

Permit:
Site Name: SCHOLZ
Site GMS #: 1032P37371
Well Name: MW-204S
Well Testsite #: 1032A13171

Well Type: [ ] BG [ ] SB [ ] INT [ ] COMP
Well Condition: Intact: [X] Damaged: [ ]
If Damaged, Explain:

Weather Conditions:
[ ] Sunny [X] Partly Cloudy [ ] Cloudy [ ] Foggy [ ] Light Rain [ ] Heavy Rain
[X] Dry Ground [ ] Wet Ground [ ] Other:

Well Information:
Diameter: 4 inches
Casing Depth: 25.33 feet
Casing Elevation: 107.89 feet ~~msl~~
Water Level: 10.30 feet (to 0.01')
Water Elevation: ~~97.59~~ 97.59 feet ~~msl~~ NGVD
Length of Water Column: 15.03 feet
Volume of Water in the Well: X3 = 29.76 / 9.92 gal

Well Purging:
[X] Pump FIELD CLEAN JAW GAP [ ] Bailer [ ] Other:
[ ] Peristaltic [X] Submersible [ ] Bladder
[ ] Teflon [X] SS [ ] Polypropylene
[ ] Teflon [ ] SS [ ] Polypropylene
Rate: 1 GPM
Volume:
# of Bailers Removed:

Start Purge (time): 1457 End Purge (time): 1523 Well Recharge Rate: GOOD
Comments:

Field Measurements Prior to Sample Collection:

Time:	1502	1512	1522	
pH:	5.44	5.79	5.72	
D.O.:				
Spec. Cond.	~~576~~ 605	541	589	
Temp:	~~24.5~~ 23.3 °C	21.7	21.4	
Amount Purged:	10	20	30	
Comments:	TURB: 6.94			

TURB: 0.72 (+.08) 6.4 (±0) 53 (-1.0)

Calibration	Date	Time
4.16/4.02 (units @ pH 4)	6-10	1155
7.10/6.98 (units @ pH 7)	1	1
9.97@31.1° (units @ pH 10)		
(mg/L)		1445
102% (accuracy)	6-10	~~1547~~

1052 X 1.0168 ÷ 1051 = 1.018

Sample Collection:

A. Device: Bailer
Material: [ ] Teflon [ ] SS [ ] Polypropylene
Order of Parameters Collected (A):
Sampling Date:
Time:
[ ] -Volatiles
[ ] -Extr.Organics
[ ] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

B. Device: Pump
Type: [ ] Peristaltic [X] Submersible [ ] Bladder
Material: [ ] Teflon [X] SS [ ] Polypropylene
Order of Parameters Collected (B):
Sampling Date: 6-10-98
Time: 1523
[ ] -Volatiles
[ ] -Extr.Organics
[1] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

Sample Appearance:
[X] Clear [ ] Turbid [ ] Sheen [ ] Color:
Comments:

List:
[X] Bottles Labelled [X] Well Locked [X] Samples Iced [X] Custody Form Completed
Date / Time
Sampling Completed: 6-10-98 | 1524
Signature of Sampler:

SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC

2846 Industrial Plaza Drive (32301) · P.O. Box 13056 · Tallahassee, FL 32317-3056 · (904) 878-3994 · Fax (904) 878 9504

MONITORING WELL SAMPLING FIELD LOG

GULF POWER

From Permit:
Site Name: SCHOLZ
Site GMS #: 1032P37371
Well Name: MW-210S
Well Testsite #: 1032A13179

Well Type: [ ] BG [ ] SB [ ] INT [ ] COMP
Well Condition: Intact: [X] Damaged: [ ]
If Damaged, Explain:

Weather Conditions:
[ ] Sunny [X] Partly Cloudy [ ] Cloudy [ ] Foggy [ ] Light Rain [ ] Heavy Rain
[X] Dry Ground [ ] Wet Ground [ ] Other:

Well Information:
Diameter: 4 inches
Casing Depth: 11.50 feet
Casing Elevation: ____ feet-msl
Water Level: 11.05 feet (to 0.01')
Water Elevation: ____ feet-msl
Length of Water Column: 0.45 feet
Volume of Water in the Well: 0.29 gal

Well Purging:
[ ] Pump [ ] Bailer [ ] Other:
[ ] Peristaltic [ ] Submersible [ ] Bladder
[ ] Teflon [ ] SS [ ] Polypropylene
Rate:
[ ] Teflon [ ] SS [ ] Polypropylene
Volume:
# of Bailers Removed:

Start Purge (time): ____ End Purge (time): ____ Well Recharge Rate:
Comments: INSUFFICIENT WATER IN WELL.

Field Measurements Prior to Sample Collection:

Time:				
pH:				
D.O.:				
Spec. Cond.:				
Temp:				
Amount Purged:				
Comments:				

Calibration	Date	Time
____ (units @ pH 4)		
____ (units @ pH 7)		
____ (units @ pH 10)		
____ (mg/L)		
____ (accuracy)		

Sample Collection:

A. Device: Bailer
Material: [ ] Teflon [ ] SS [ ] Polypropylene
Order of Parameters Collected (A):
Sampling Date: ____
Time: ____
[ ] -Volatiles
[ ] -Extr.Organics
[ ] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

B. Device: Pump
Type: [ ] Peristaltic [ ] Submersible [ ] Bladder
Material: [ ] Teflon [ ] SS [ ] Polypropylene
Order of Parameters Collected (B):
Sampling Date: ____
Time: ____
[ ] -Volatiles
[ ] -Extr.Organics
[ ] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

Sample Appearance:
[ ] Clear [ ] Turbid [ ] Sheen [ ] Color: ____
Comments: NO PURGE - NO SAMPLE

Checklist:
[ ] Bottles Labelled [X] Well Locked [ ] Samples Iced [ ] Custody Form Completed
Date / Time
Sampling Completed: 6-10-98 | 1134
Signature of Sampler: V Kallens

Serial Number 12[illegible]

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 510[illegible] oche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (9[illegible]52-0165
☒ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
LBS NICKEL EVALUATION		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL	ROBBINS	850-444-6429	

CLIENT NAME	CLIENT PROJECT MANAGER
GULF POWER CO	MIKE MARKEY

CLIENT ADDRESS (CITY, STATE, ZIP): 1 ENERGY PLACE PENSACOLA, FL 32520

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 250ml P Ni

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY (VJ)

☒ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: SEE LBS

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6-10-98	0918		MW-205MD	X				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
V Robbins	6-9-98	1200	V Robbins	6-10-98	1800			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
V Robbins	6-9-98	1200						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Edith Knight	6/11/98	0900	☑ YES ☐ NO		T811764	

ORIGINAL

Serial Number 12[illegible]

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 Roche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☒ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (954) 421-7400 Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (334) 666-6633 Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
NICKEL EVALUATION		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL	ROBBINS	850-444-6429	

CLIENT NAME	CLIENT PROJECT MANAGER
GULF POWER CO	MIKE MARKEY

CLIENT ADDRESS (CITY, STATE, ZIP): 1 ENERGY PLACE, PENSACOLA FL 32520

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8250 M1 P R Ni

PAGE 1 OF 1

☐ STANDARD REPORT DELIVERY (VJ)

☒ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: SEE LBS

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6-10-98	1208		MW-210MD	X				1	
6-10	1523		MW-204S	X				1	

ORIGINAL

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
V Robbins	6-9-98	1200	V Robbins	6-10-98	1800			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
V Robbins	6-9-98	1200						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Elijah Knight	6/11/98	0900	☑ YES ☐ NO		T81176A	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-23016
Received: 12 JUN 98
Reported: 22 JUN 98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Nickel Evaluation
Sampled By: Robbins
Code: 184280622

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
23016-3	SB-3	06-12-98

PARAMETER	23016-3
Nickel (6010B)	
Nickel, mg/kg dw	2.1

REFERENCE: EPA SW-846 3rd Edition, 1986

J. Michael Nance, Project Manager

Final Page Of Report

Serial Number 10[illegible]

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Plant Scholz		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
	Mike Markey	(850) 444-6573	(850) 444-6217

CLIENT NAME	CLIENT PROJECT MANAGER
Gulf Power	Mike Markey

CLIENT ADDRESS (CITY, STATE, ZIP): One Energy Place, Pensacola, FL 32520-0328

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Leach Test + Nickel (Total) | Nickel (Soil)

PAGE ___ OF ___

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6/12/98	10:30am		~~205MD~~ SB-3 205MD	1	
6/12/98	"		SB-3	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Richard M Markey	6/12/98	15:00						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[illegible]								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
O. Manning	6/12/98	1500	☐ YES ☐ NO		M8 23016	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-23016
Received: 12 JUN 98
Reported: 22 JUN 98
Revised Report 06.30.98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Nickel Evaluation
Sampled By: Robbins
Code: 124480630

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
23016-1	205MD Leach Test Unfiltered

PARAMETER	23016-1
Nickel (6010B)	
Nickel, mg/l	0.22

Serial Number 12[illegible]31

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
NICKLE EVALUATION		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL	ROBBINS	850-444-6429	

CLIENT NAME	CLIENT PROJECT MANAGER
GULF POWER CO	MIKE MARKEY

CLIENT ADDRESS (CITY, STATE, ZIP): 1 ENERGY PLACE, PENSACOLA, FL 32520

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: LSQ SPECIAL

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY (VJ)

☒ EXPEDITED REPORT DELIVERY (surcharge) (VJ)

Date Due: ~~SEE LBS~~ MN

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6-10-98	0918		MW-205MD	X				4	

ORIGINAL

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
V Robbins	6-9-98	1200	V Robbins	6-10-98	1800			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
V Robbins	6-9-98	1200						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
O Manning	6/12/98	1041	☐ YES ☐ NO		MS 23016	1.7°C

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-23017
Received: 12 JUN 98
Reported: 22 JUN 98
Revised Report 06.30.98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Nickel Evaluation
Sampled By: M. Markey
Code: 124480630

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
23017-1	204S Leach Test Unfiltered

PARAMETER	23017-1
Nickel (6010B)	
Nickel, mg/l	0.18

REFERENCE: EPA SW-846 3rd Edition, 1986

J. Michael Nance, Project Manager

Final Page Of Report

Serial Number 55575

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) [illegible]-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (954) 421-7400 Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (334) 666-6633 Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Plant Scholz		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL	Mike Markey	(850) 444-6573	(850) 444-6217

CLIENT NAME	CLIENT PROJECT MANAGER
Gulf Power Co	Mike Markey

CLIENT ADDRESS (CITY, STATE, ZIP): One Energy Place, Pensacola, FL. 32533

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent etc)

REQUIRED ANALYSES: Leach Test for Nickel ✓

PAGE ___ OF ___

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6/13/98	10:30am		SB-3 20-4 S	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Richard M Markey	6/12/98	15:00						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
O. Manny	6/12/98	1500	☐ YES ☐ NO		MS 23017	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-23016A
Received: 23 JUN 98
Reported: 26 JUN 98
Revised Report 06.30.98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Scholz Assessment
Sampled By: Client
Code: 120380630

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
23016A-1	MW-210MD	

PARAMETER	23016A-1
Total Dissolved Solids (160.1)	
Total Dissolved Solids, mg/l	1800
Date/Time Analyzed	06.23/1600
Analyst	TES
Specific Conductance (EPA 120.1)	
Specific Conductance, umhos/cm	1800
Date/Time Analyzed	06.23/1100
Analyst	JC
pH (EPA 150.1)	
pH , units	6.2
Date/Time Analyzed	06.23/1100
Analyst	DI
Sulfate as SO4 (SM 4500D)	
Sulfate, mg/l	1000
Date/Time Analyzed	06.23/0945
Analyst	JC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (334) 666-6633 • Fax (334) 666-6696

LOG NO: M8-23016A
Received: 23 JUN 98
Reported: 26 JUN 98
Revised Report 06.30.98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Scholz Assessment
Sampled By: Client
Code: 120380630

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
23016A-2	MW-204S Leach Slurry	
23016A-3	MW-205MD Leach Slurry	

PARAMETER	23016A-2	23016A-3
Total Dissolved Solids (160.1)		
Total Dissolved Solids, mg/l	350	140
Date/Time Analyzed	06.23/1600	06.23/1600
Analyst	TES	TES
Specific Conductance (EPA 120.1)		
Specific Conductance, umhos/cm	530	200
Date/Time Analyzed	06.23/1100	06.23/1100
Analyst	JC	JC
pH (EPA 150.1)		
pH , units	6.9	7.1
Date/Time Analyzed	06.23/1100	06.23/1100
Analyst	DI	DI
Sulfate as SO4 (SM 4500D)		
Sulfate, mg/l	100	7.4
Date/Time Analyzed	06.23/0945	06.23/0945
Analyst	JC	JC

REFERENCE: EPA 40 CFR Part 136

J. Michael Nance, Project Manager

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Serial Number 12[illegible]32

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
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☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
NICKLE EVALUATION		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL	ROBBINS	850-444-6429	

CLIENT NAME	CLIENT PROJECT MANAGER
GULF POWER CO	MIKE MARKEY

CLIENT ADDRESS (CITY, STATE, ZIP): 1 ENERGY PLACE, PENSACOLA, FL 32520

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 0 LSQ SPECIAL

PAGE 1 OF 1

~~48~~ STANDARD REPORT DELIVERY

☒ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: SEE ~~LBS~~ MN (W)

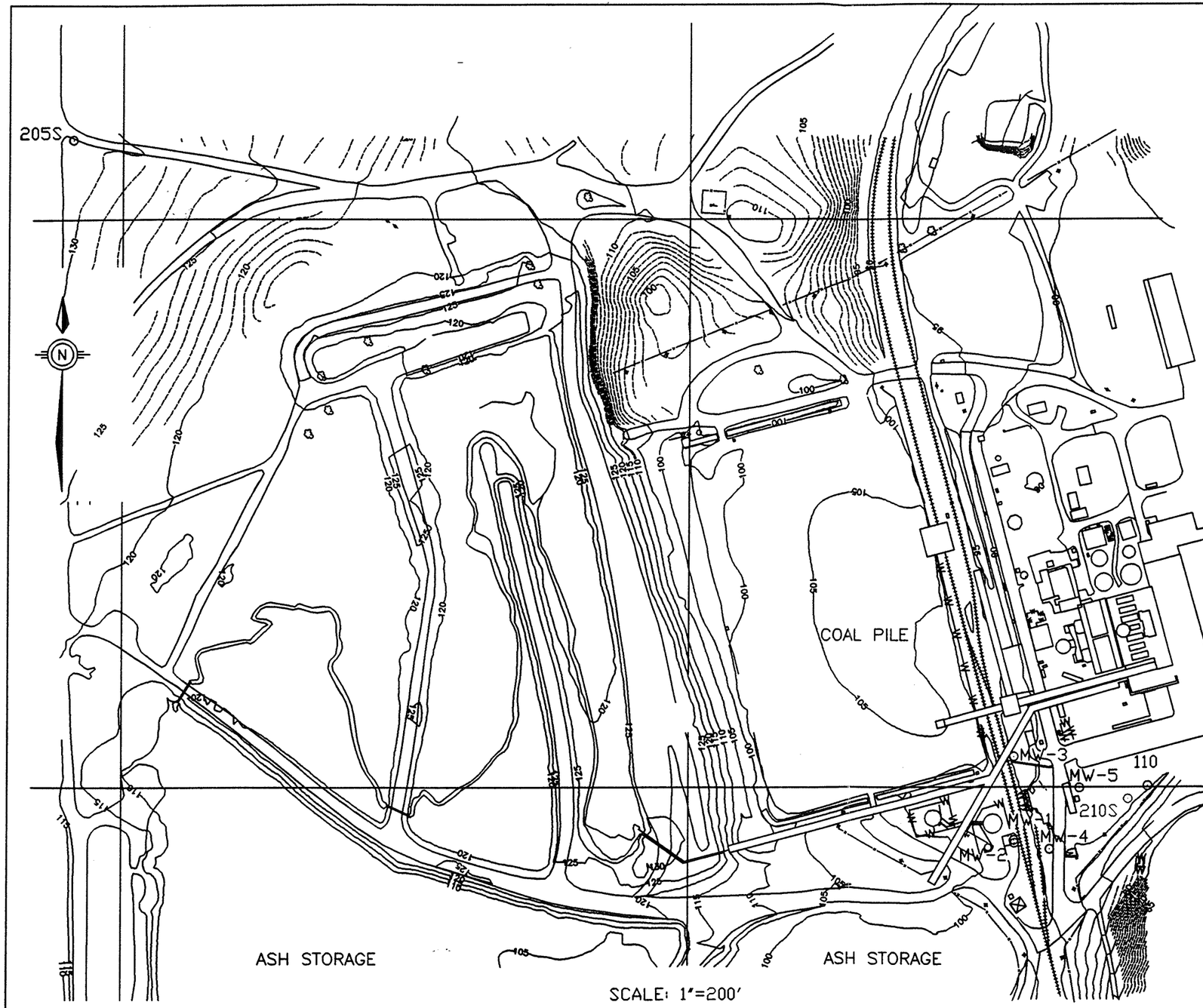
SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6-10-98	1208		MW-210MD	X				4	
6-10	1523		MW-204S	X				4	

ORIGINAL

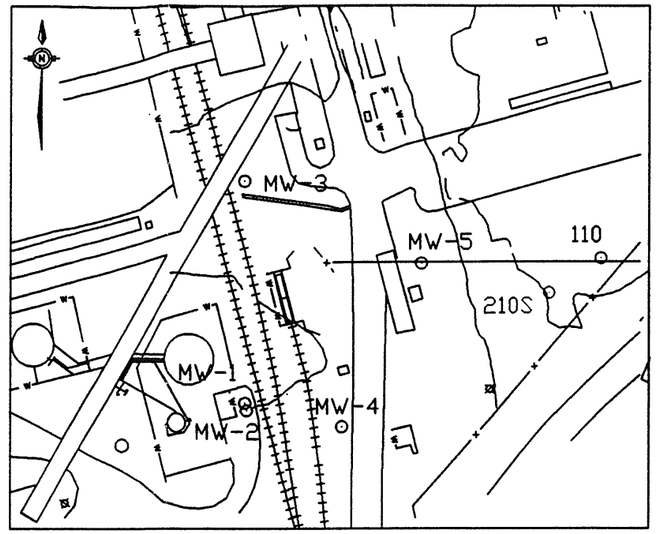
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
V Robbins	6-9-98	1200	V Robbins	6-10-98	1800			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
V Robbins	6-9-98	1200						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
O. Manning	6/12/98	1042	☐ YES ☐ NO		MB 23016	1.7°C



SCALE: 1"=200'



AREA UNDER INVESTIGATION

SCALE: 1"=100'

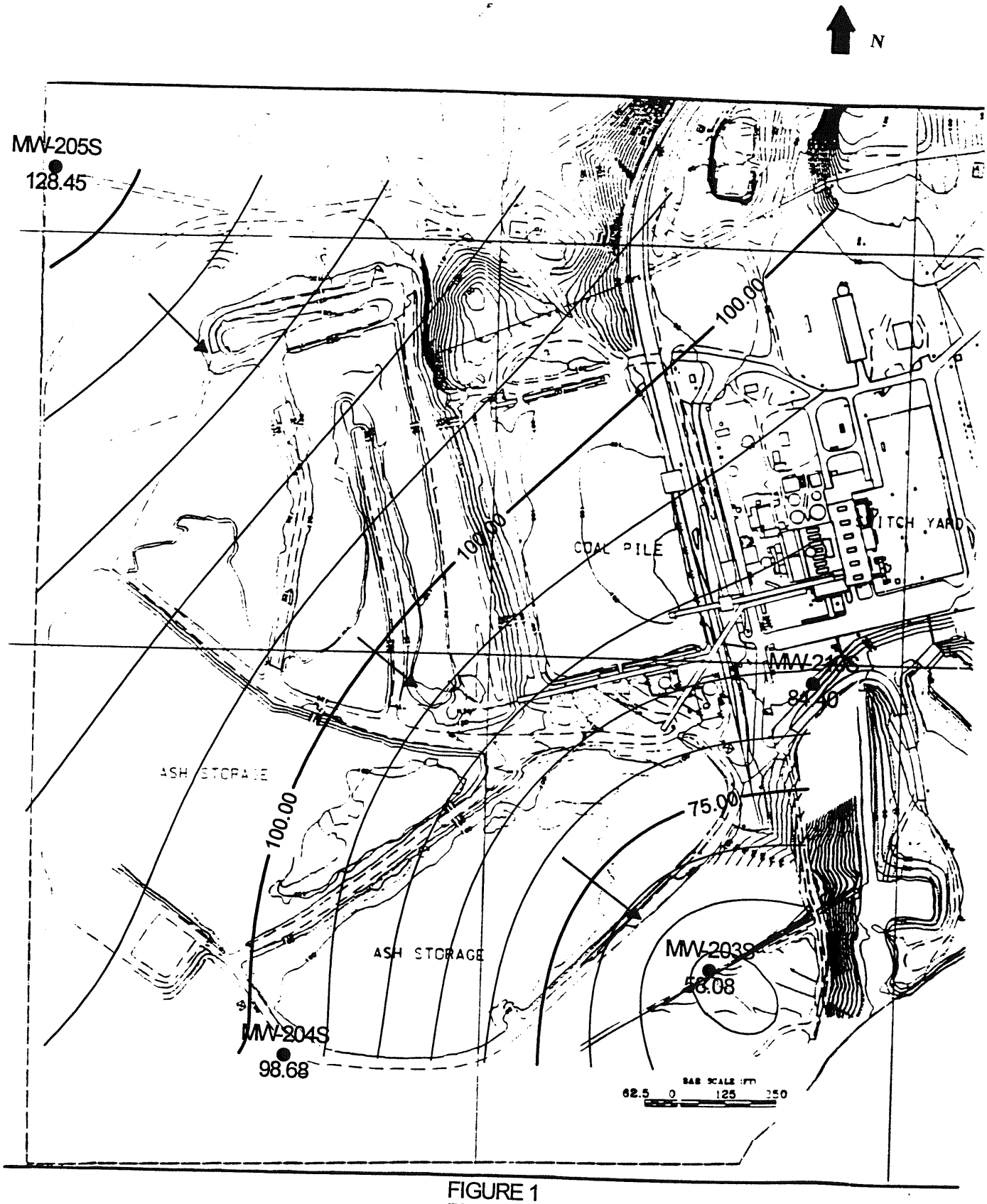
NOTE:

1. WELL 110 INSTALLED NOVEMBER, 1983 AS PART OF PLANT'S GROUNDWATER MONITORING PROGRAM.

FIGURE A

PLANT SCHOLZ

MONITORING WELL LOCATIONS



Flow Direction

FIGURE 1
Plant Scholz
Potentiometric Map - August 3, 1994

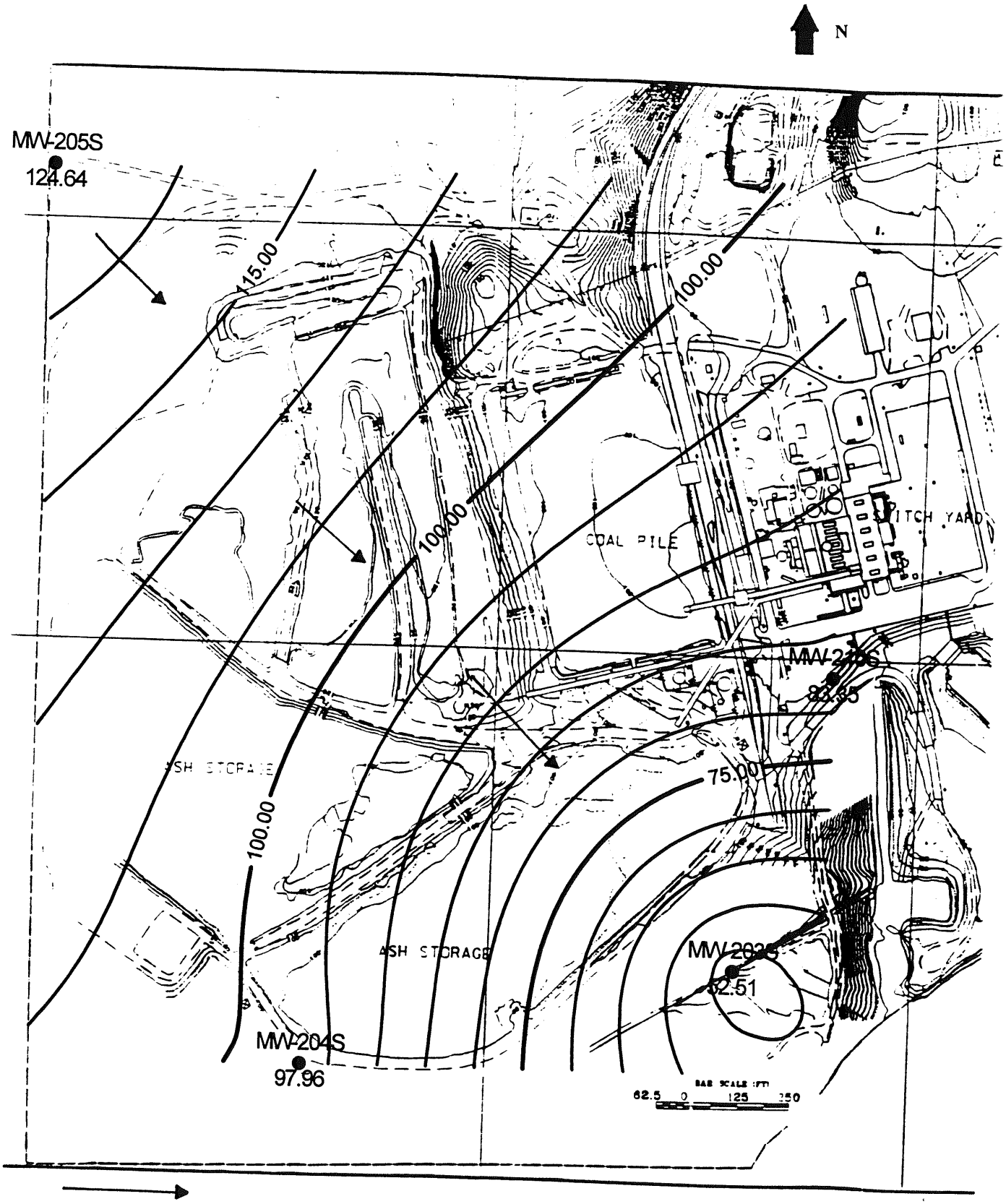


FIGURE 2
Plant Scholz
Potentiometric Map - November 7, 1994

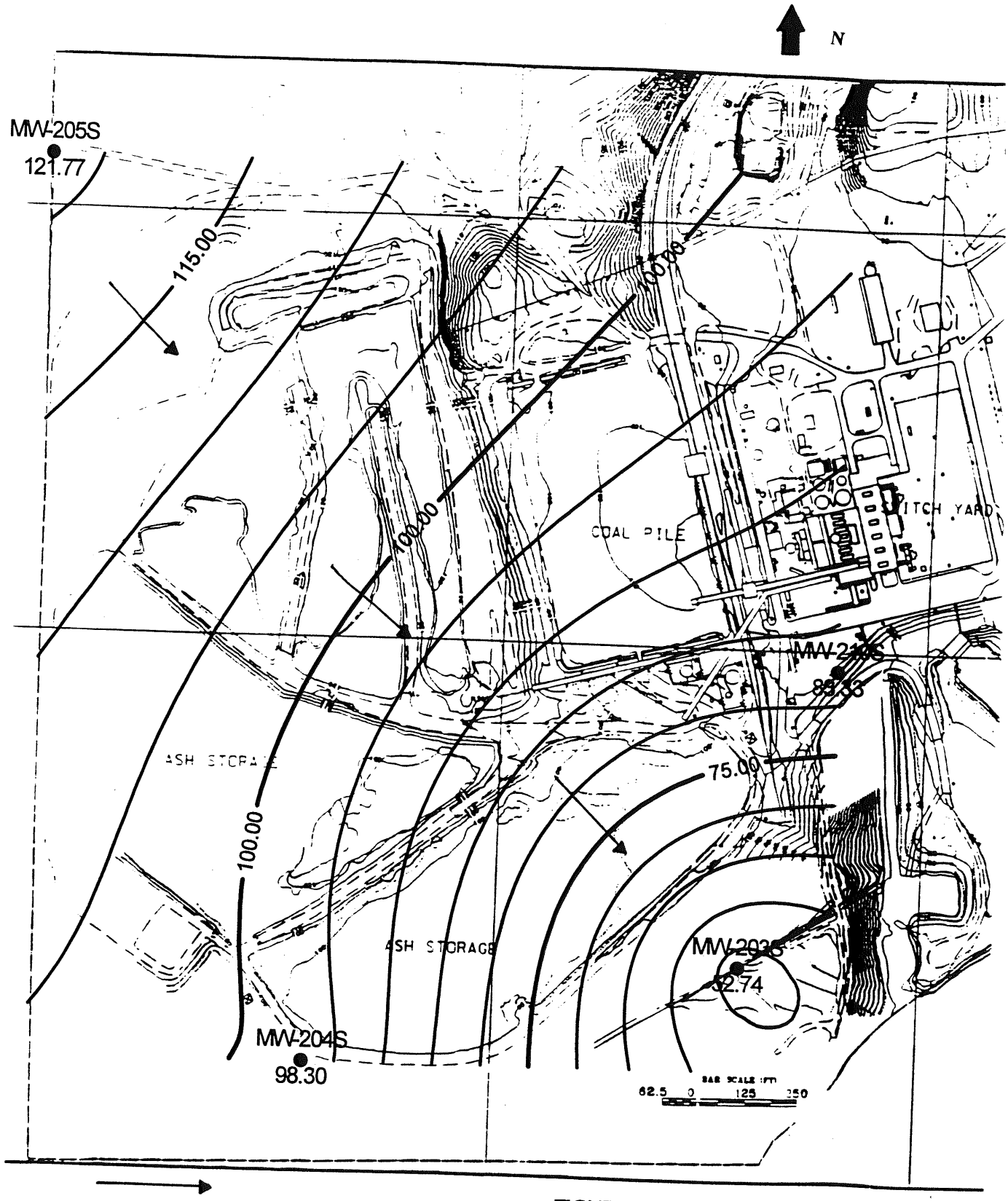
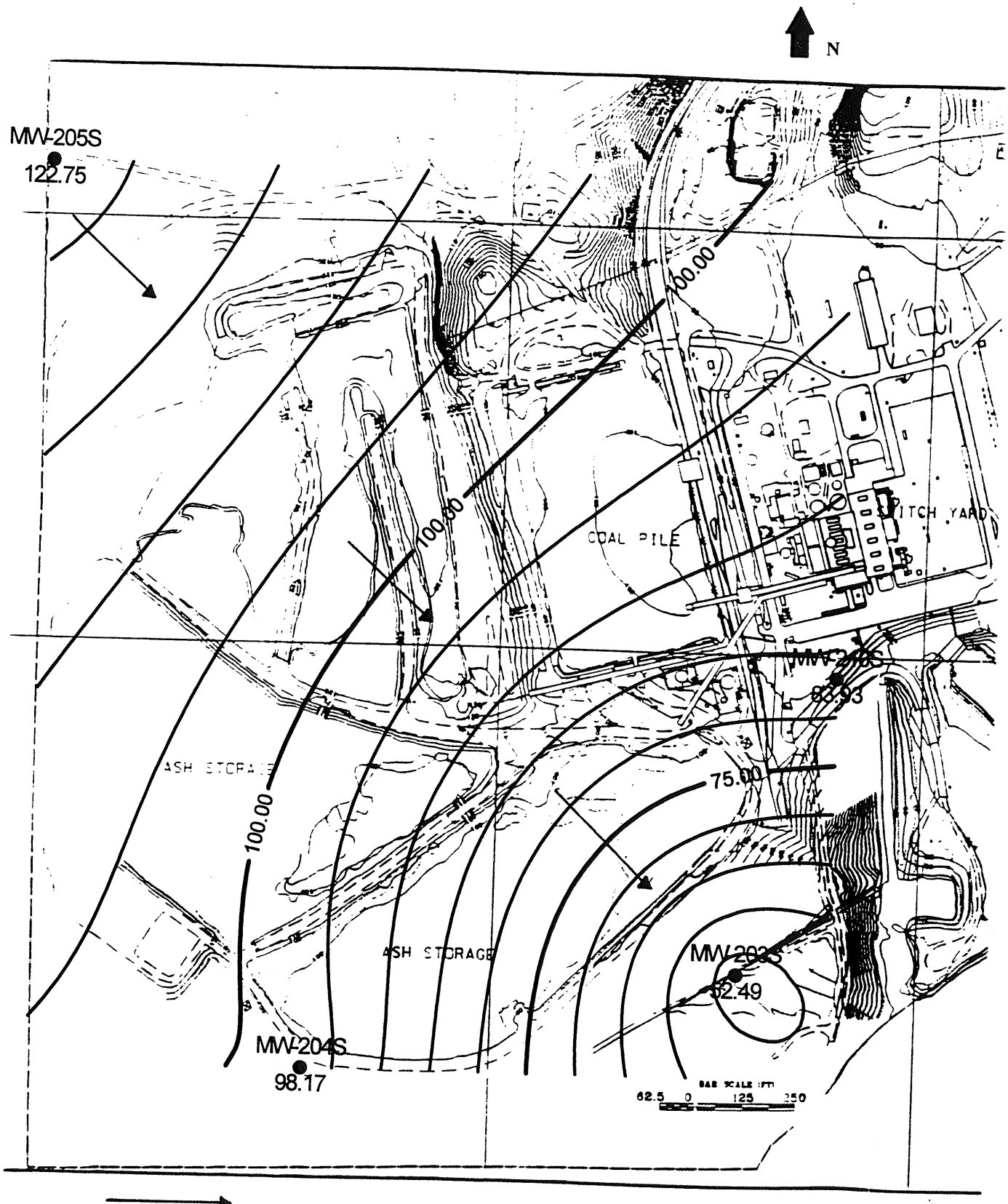
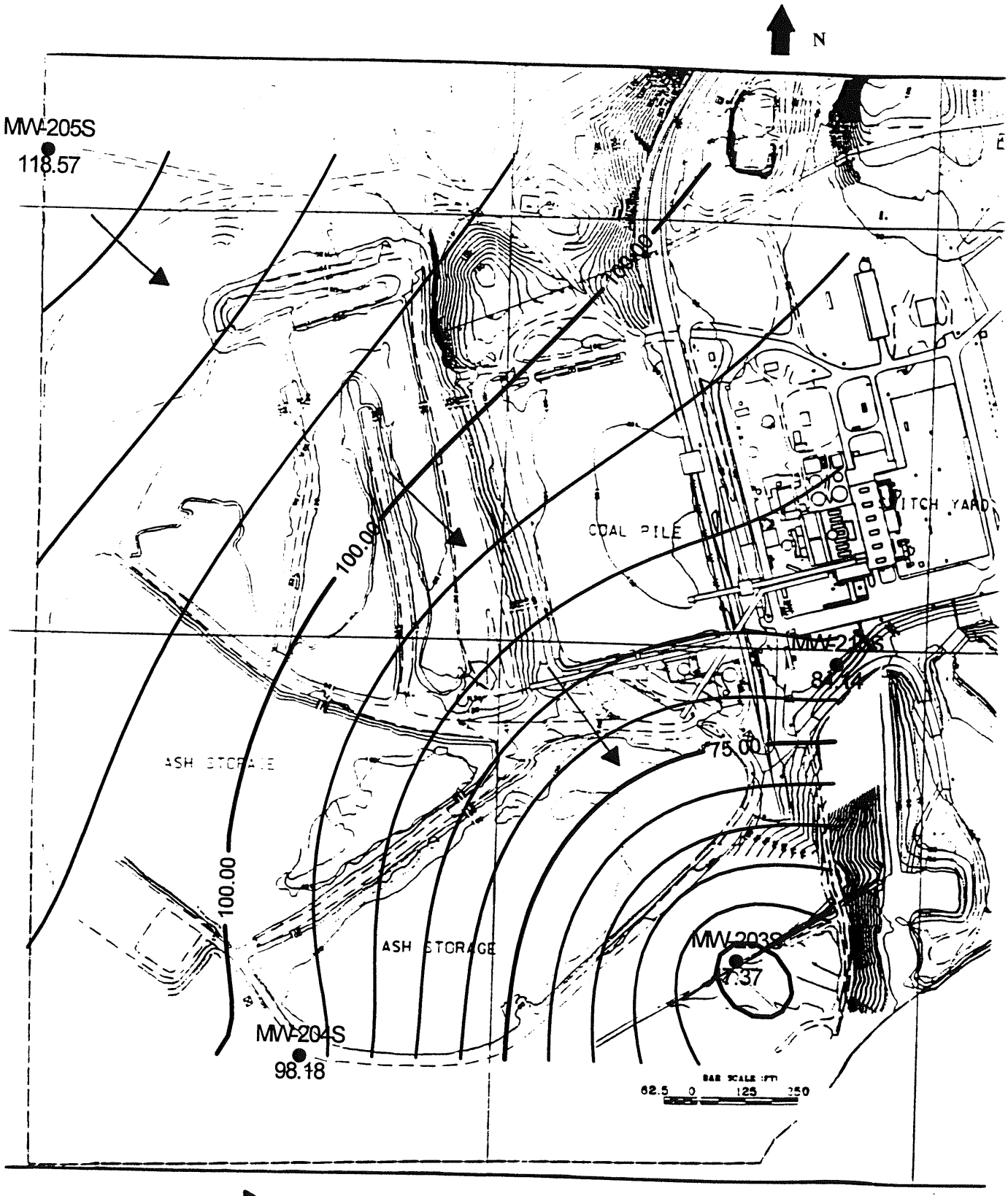


FIGURE 3
Plant Scholz
Potentiometric Map - January 10, 1995



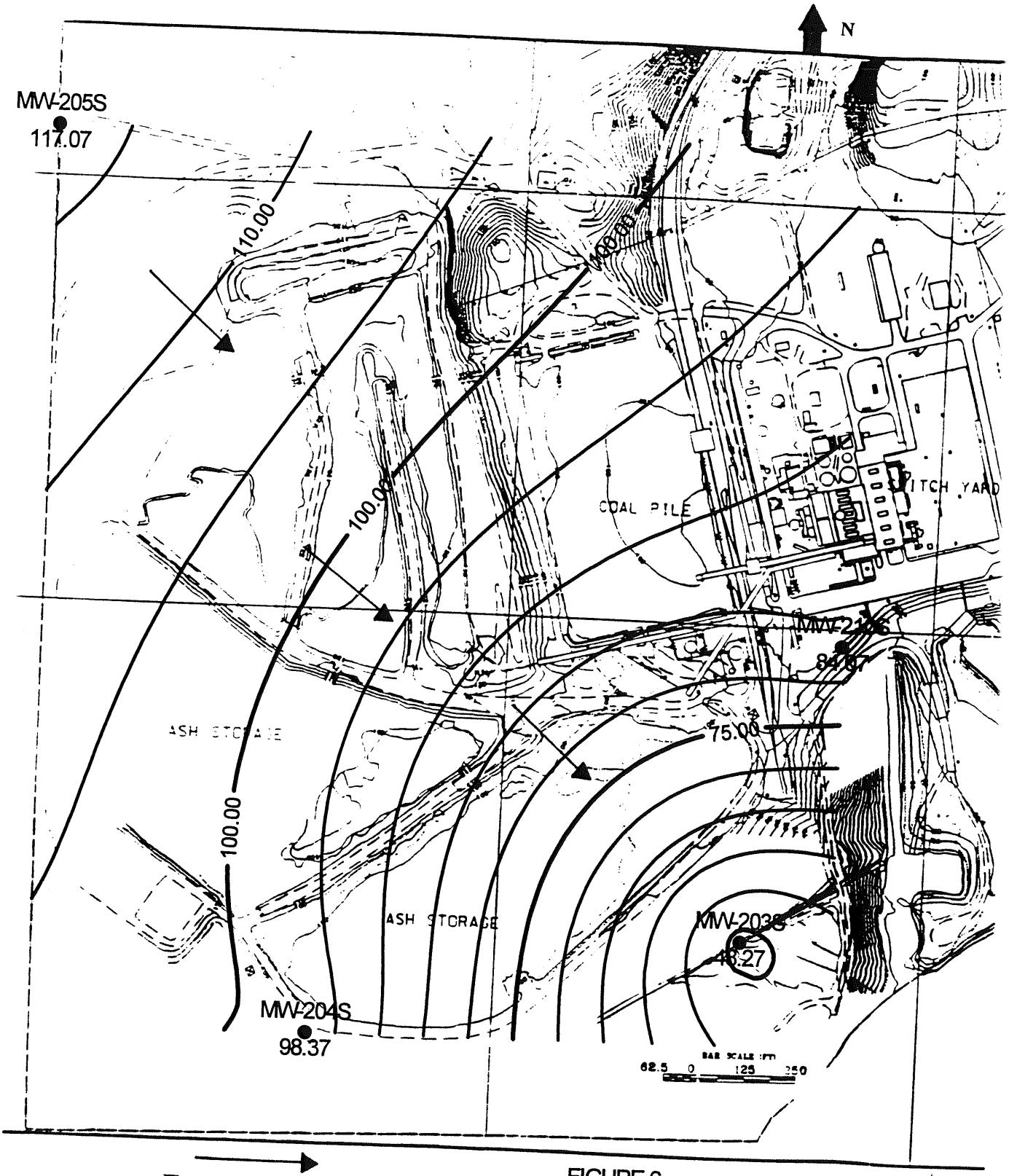
Flow Direction

FIGURE 4
Plant Scholz
Potentiometric Map - April 26, 1995



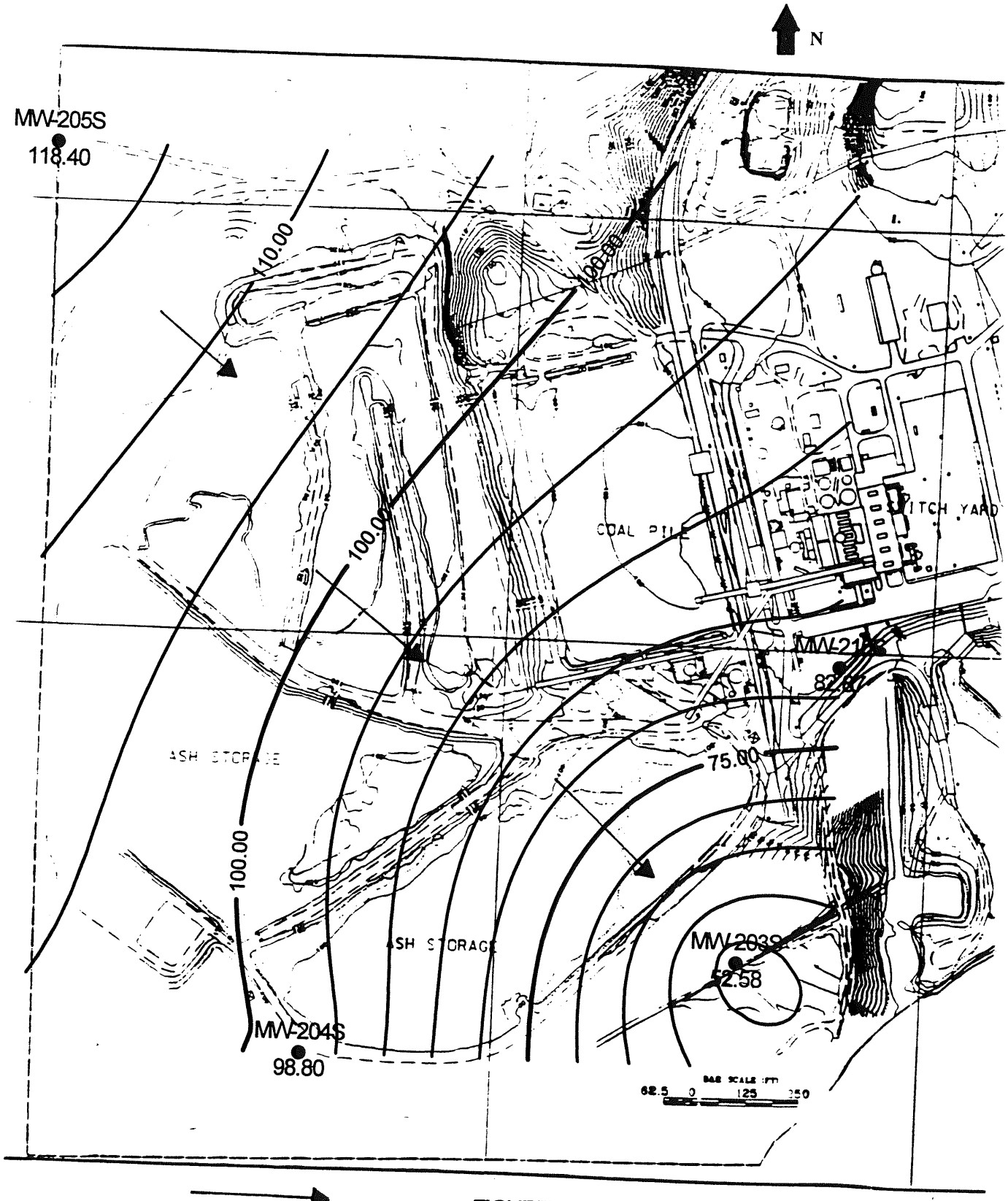
Flow Direction

FIGURE 5
Plant Scholz
Potentiometric Map - July 26, 1995



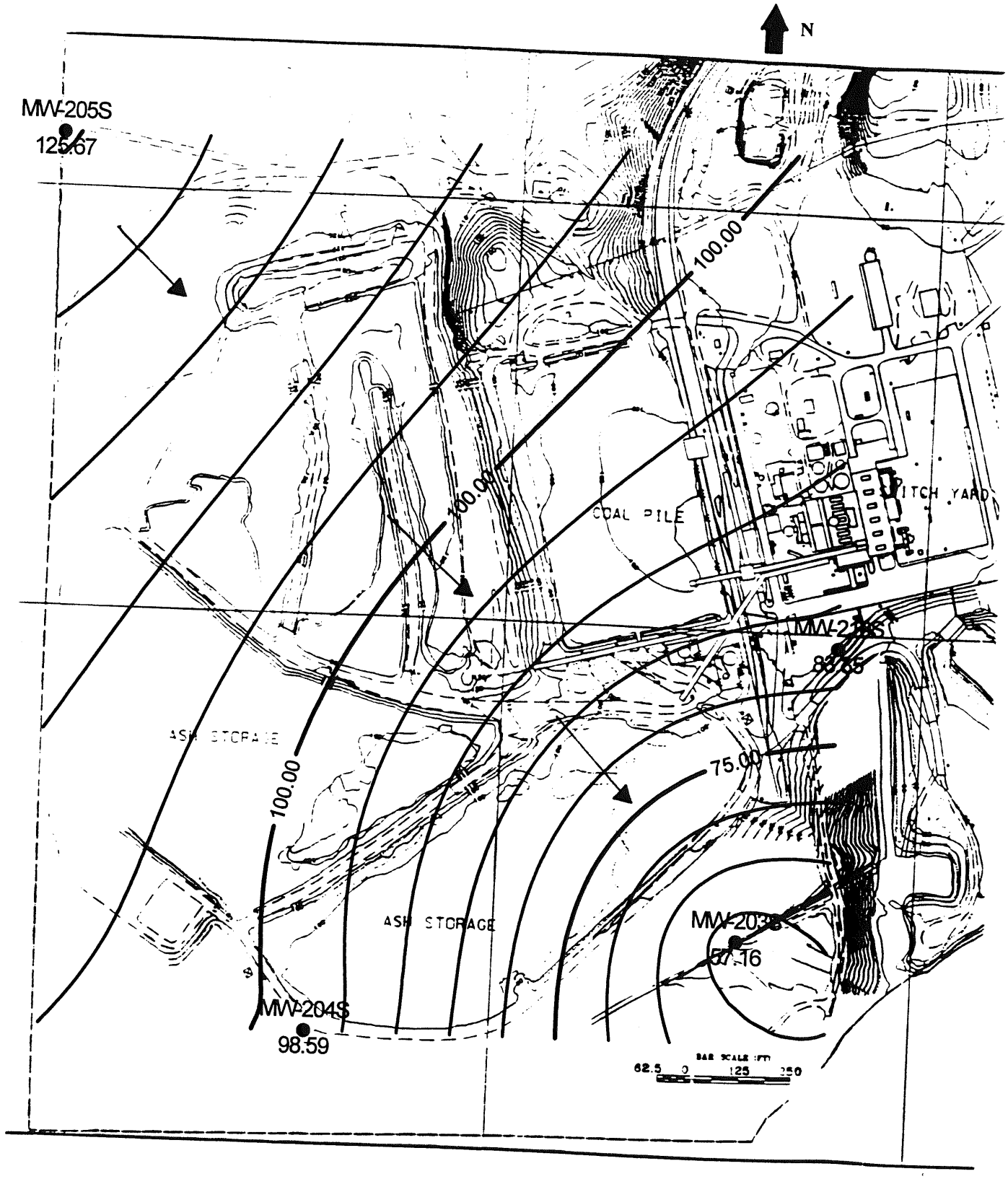
Flow Direction

FIGURE 6
Plant Scholz
Potentiometric Map - October 17, 1995



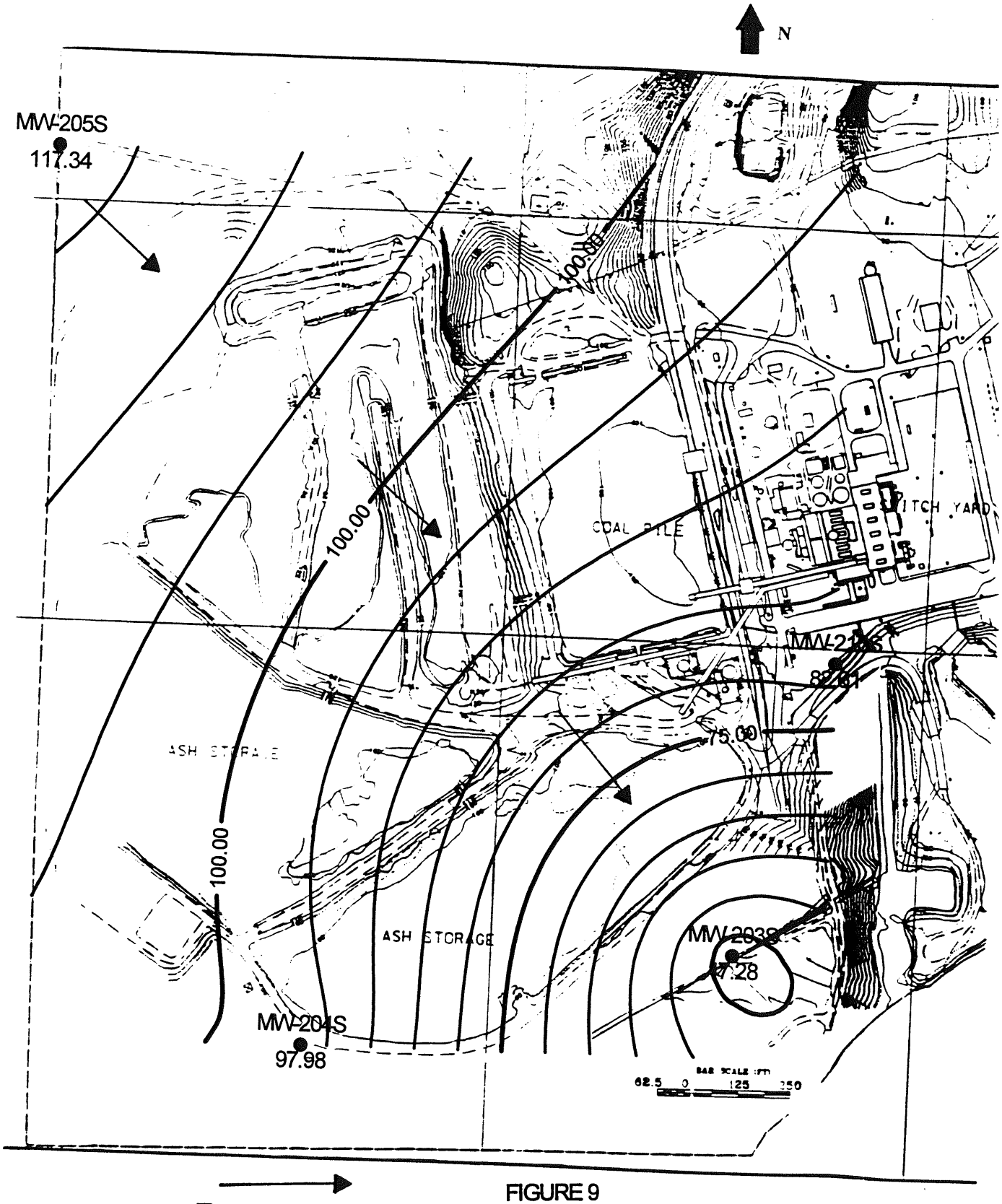
Flow Direction

FIGURE 7
Plant Scholz
Potentiometric Map - January 11, 1996



Flow Direction

FIGURE 8
Plant Scholz
Potentiometric Map - April 11, 1996



Flow Direction

FIGURE 9
Plant Scholz
Potentiometric Map - July 24, 1996

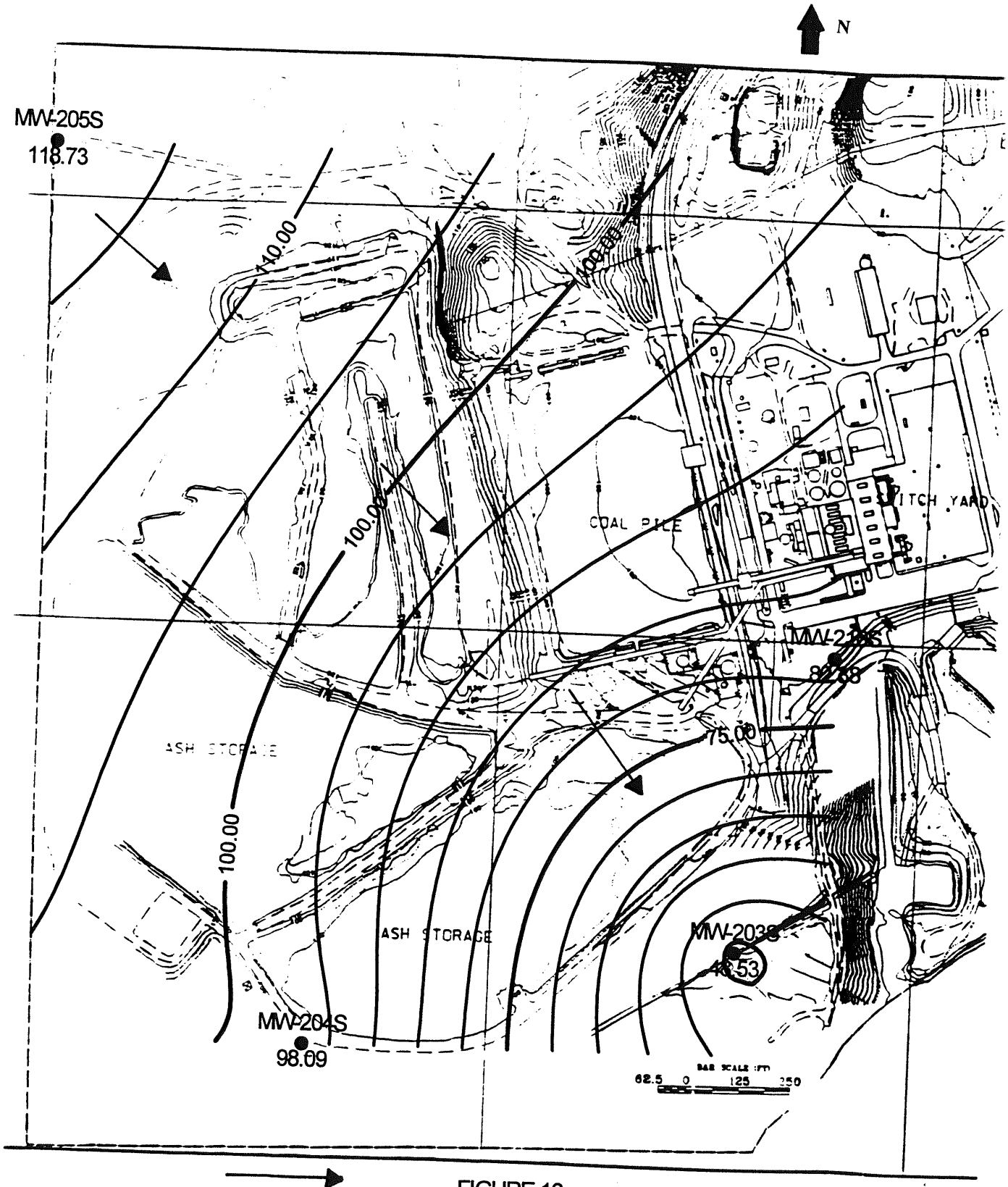
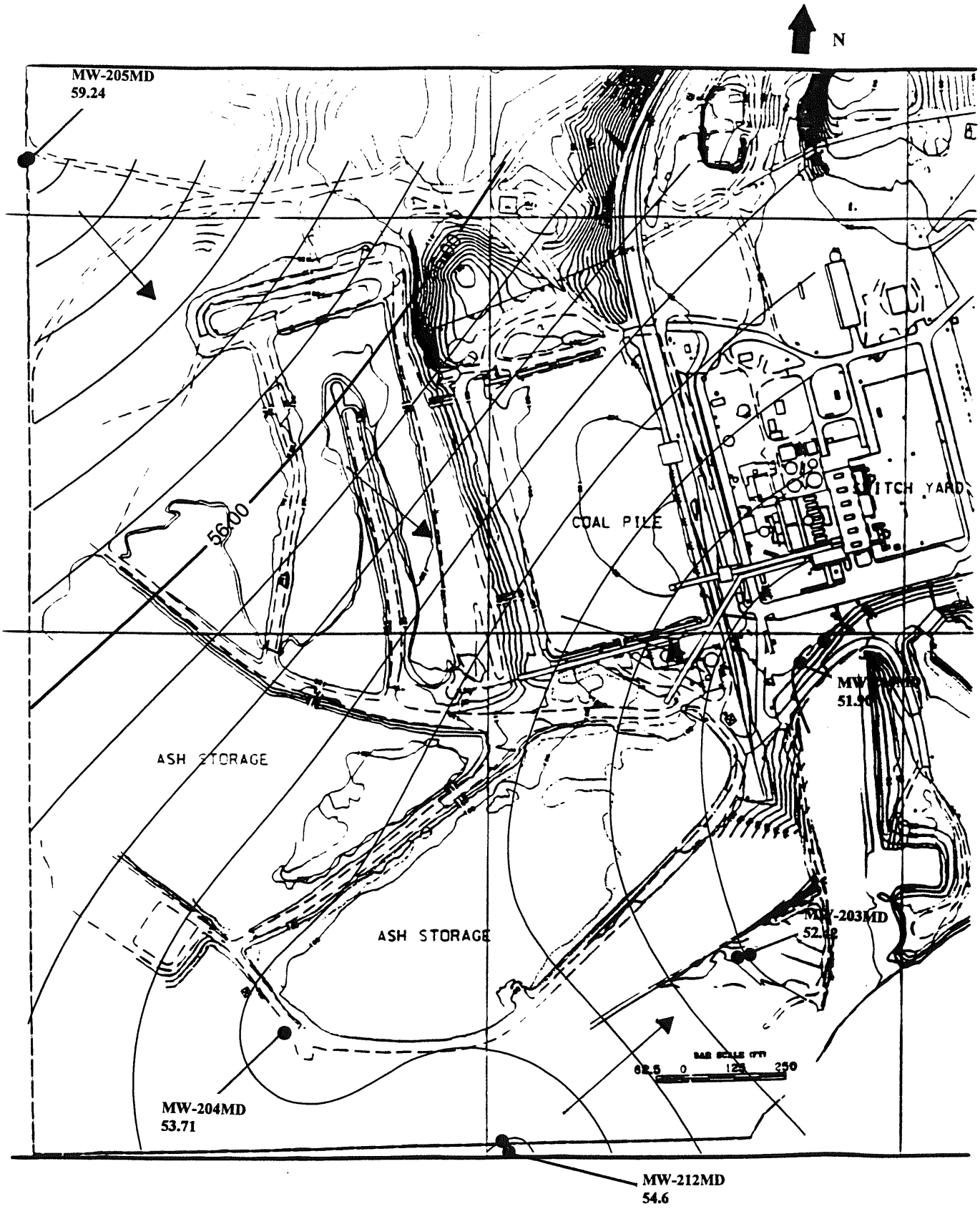
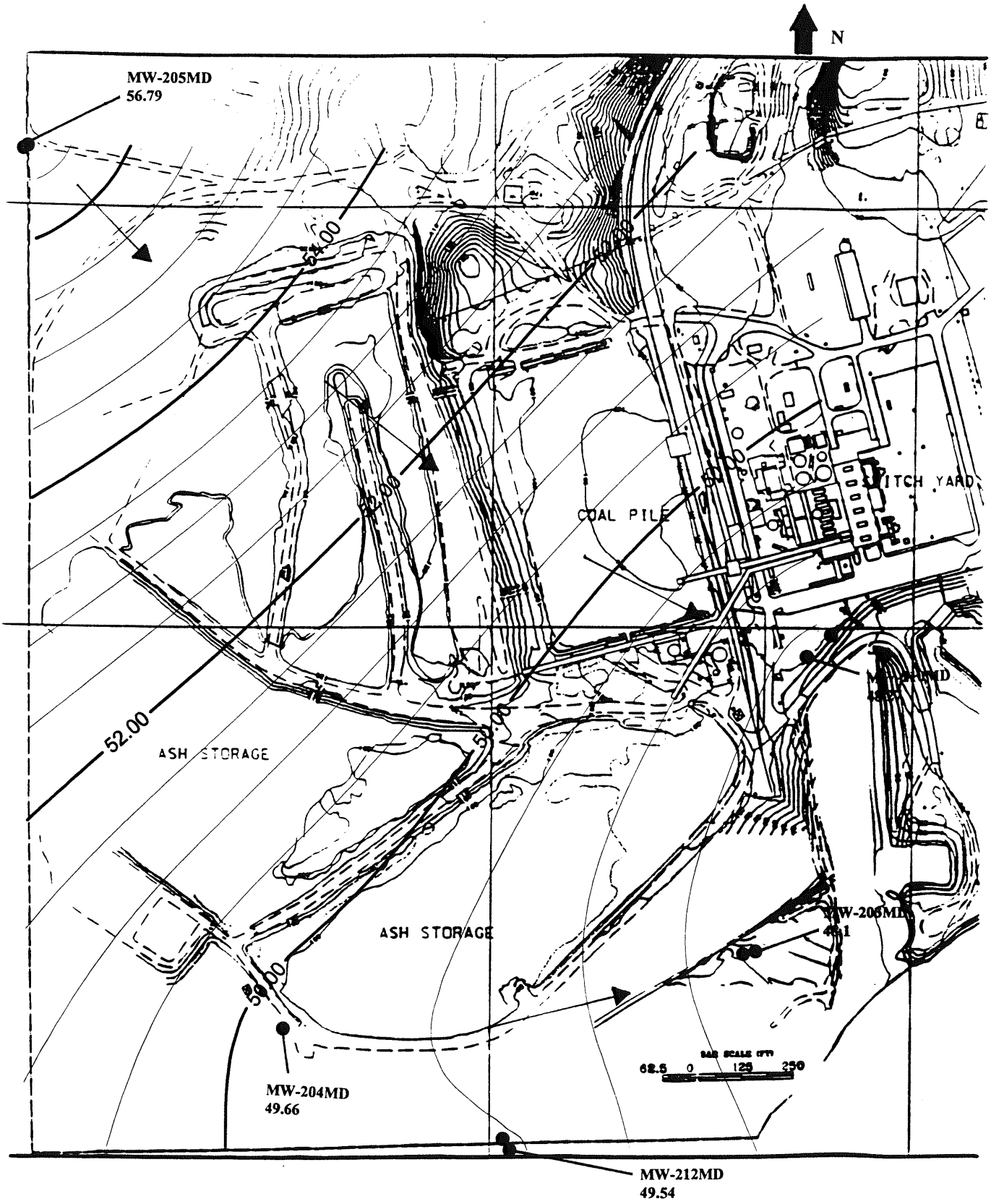


FIGURE 10
Plant Scholz
Potentiometric Map - November 13, 1996



Flow Direction

FIGURE 11
Plant Scholz
Potentiometric Map - August 3, 1994



Flow Direction

FIGURE 12
Plant Scholz
Potentiometric Map of the Floridan Aquifer
November 7, 1994

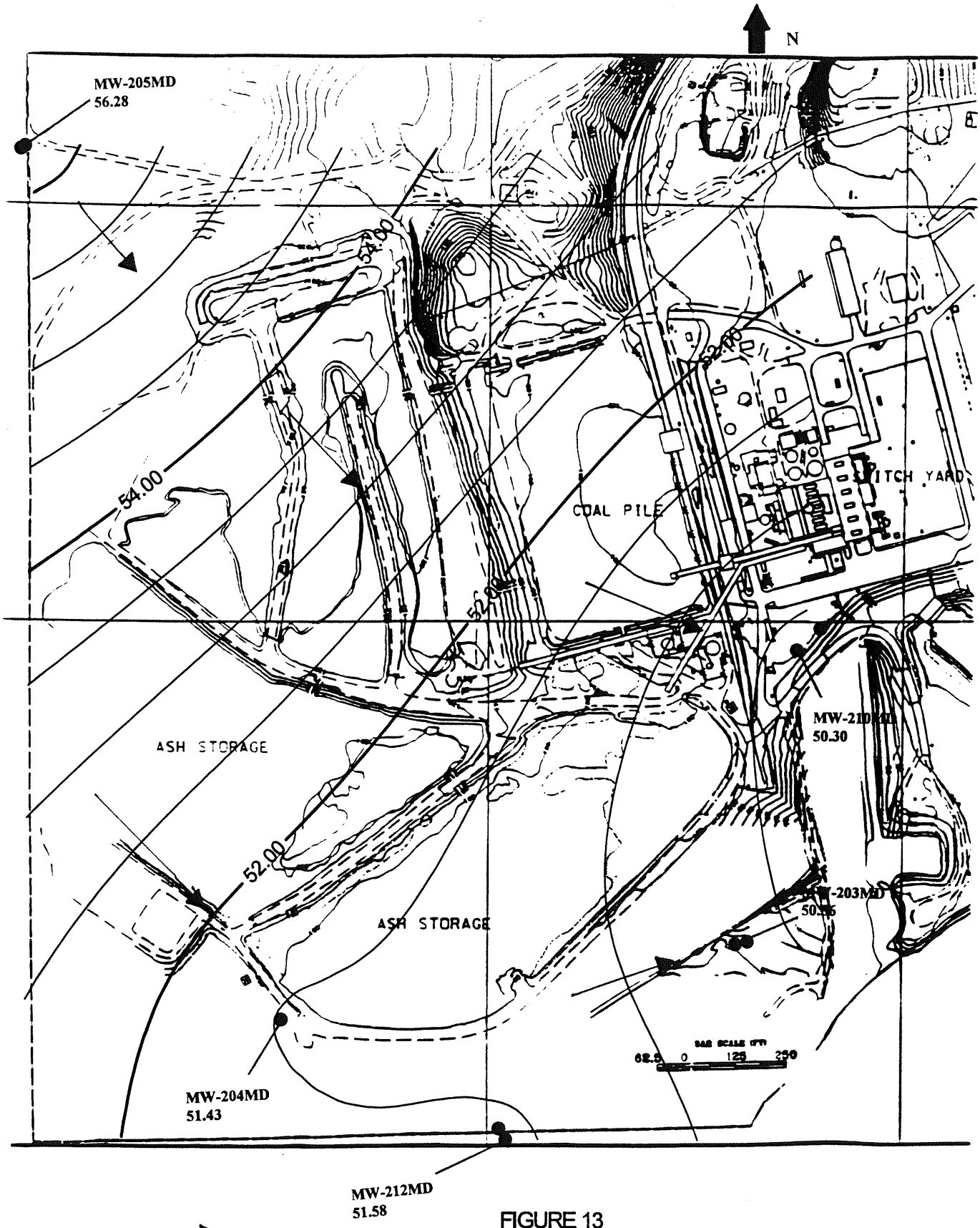
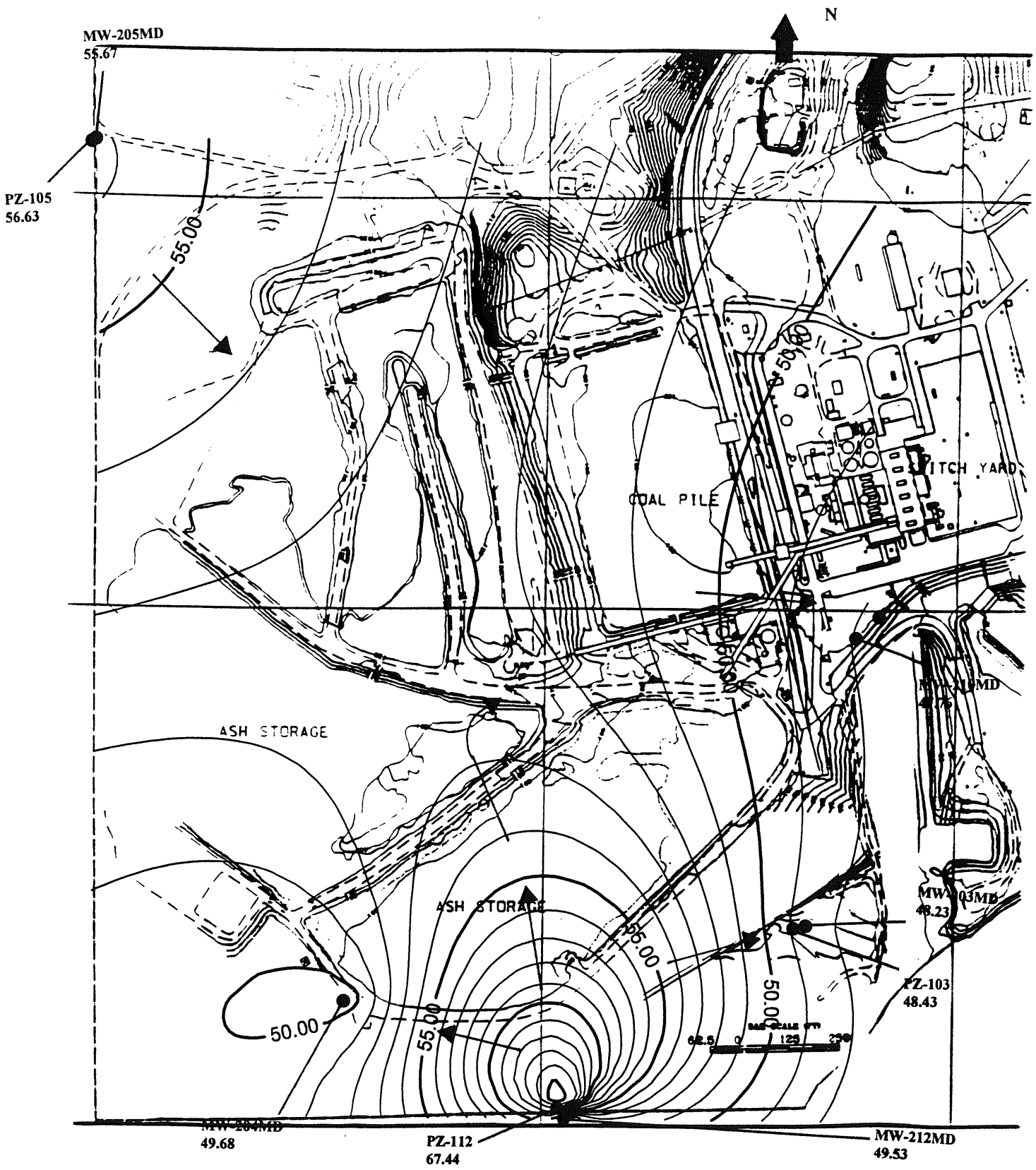


FIGURE 13
Plant Scholz
Potentiometric Map of the Floridan Aquifer
January 10, 1995



Flow Direction

FIGURE 14
Plant Scholz
Potentiometric Map of the Floridan Aquifer
April 26, 1995

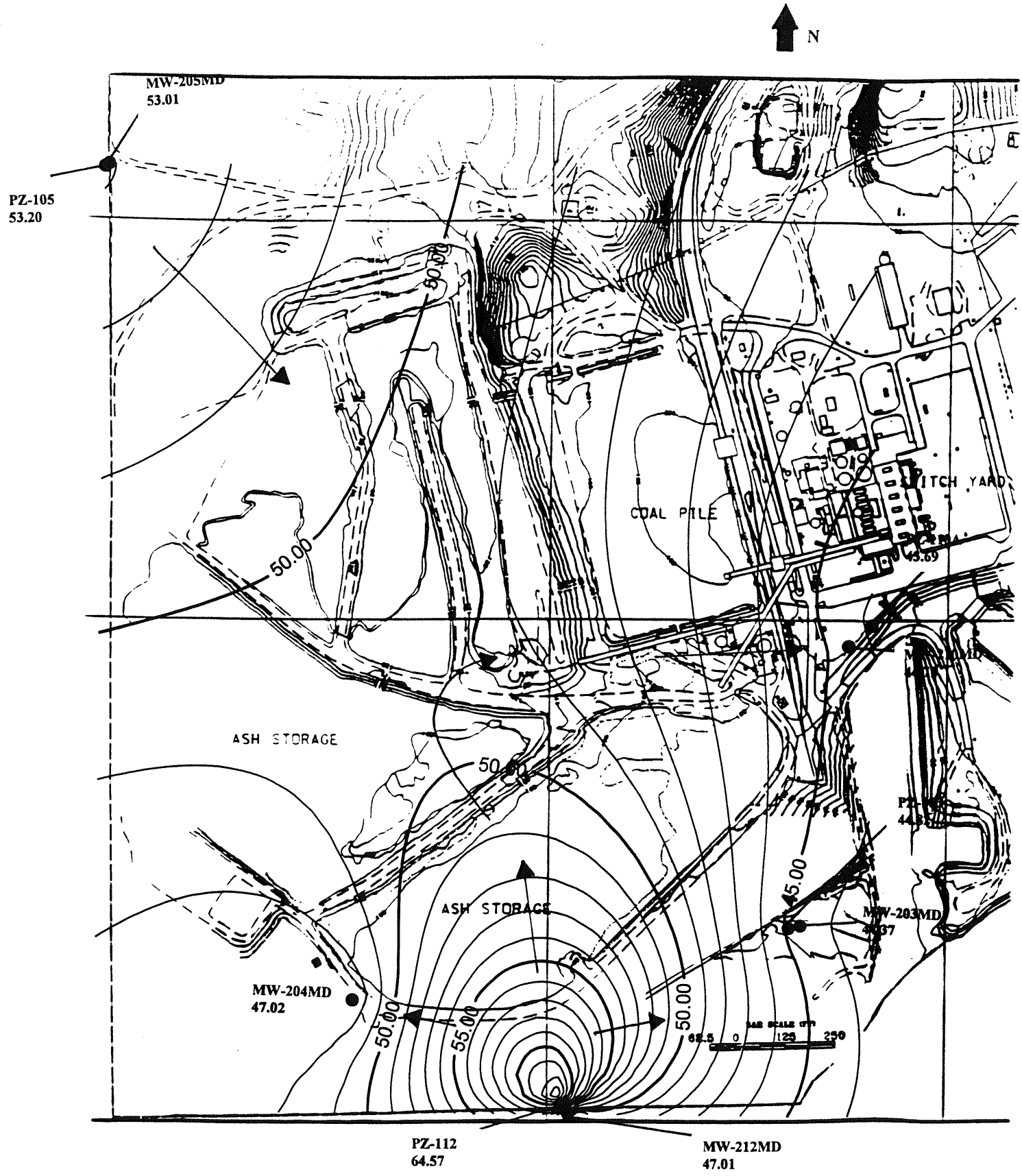


FIGURE 15
Plant Scholz
Potentiometric Map of the Floridan Aquifer
July 26, 1995

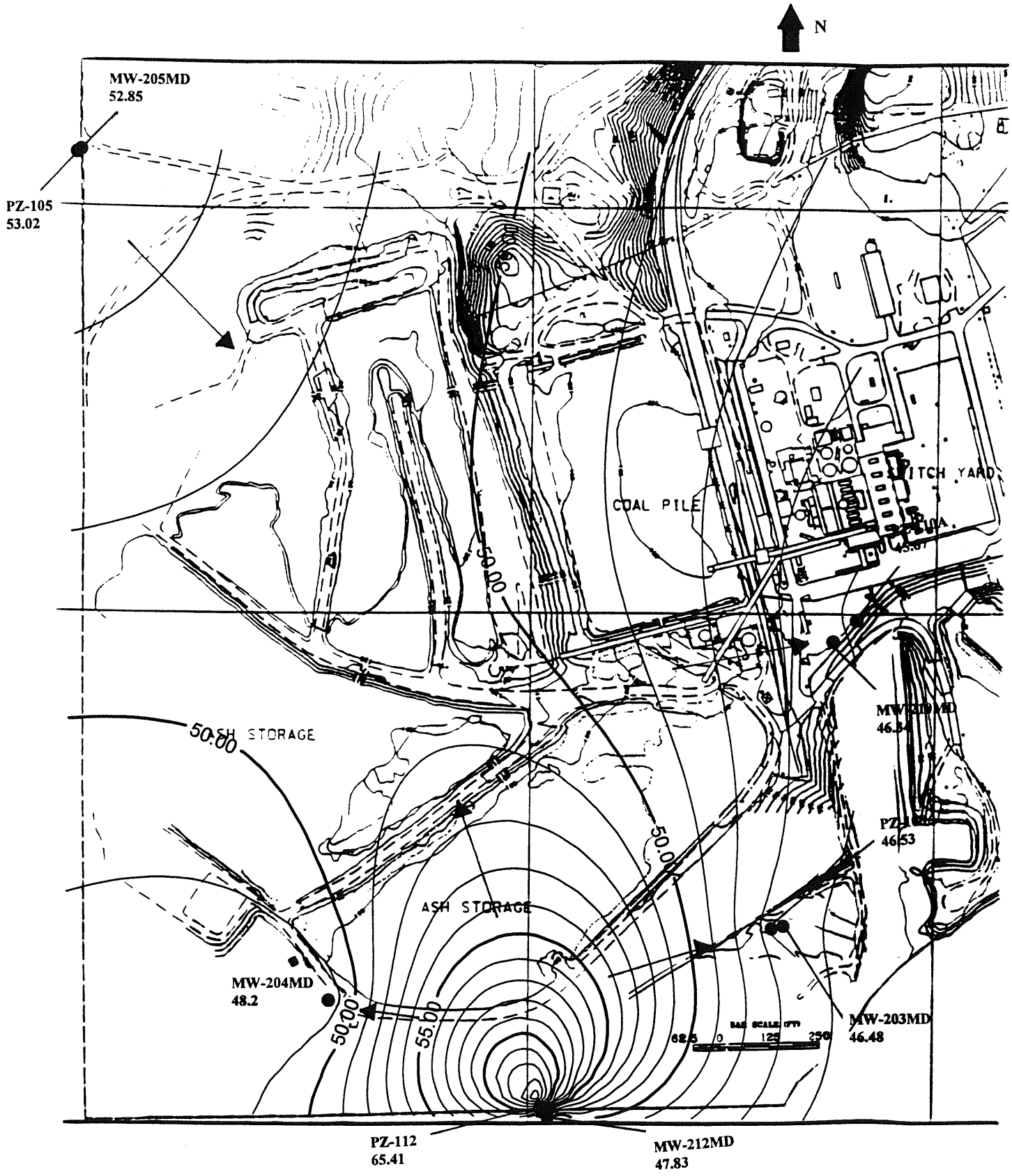


FIGURE 16
Plant Scholz
Potentiometric Map of the Floridan Aquifer
October 17, 1995

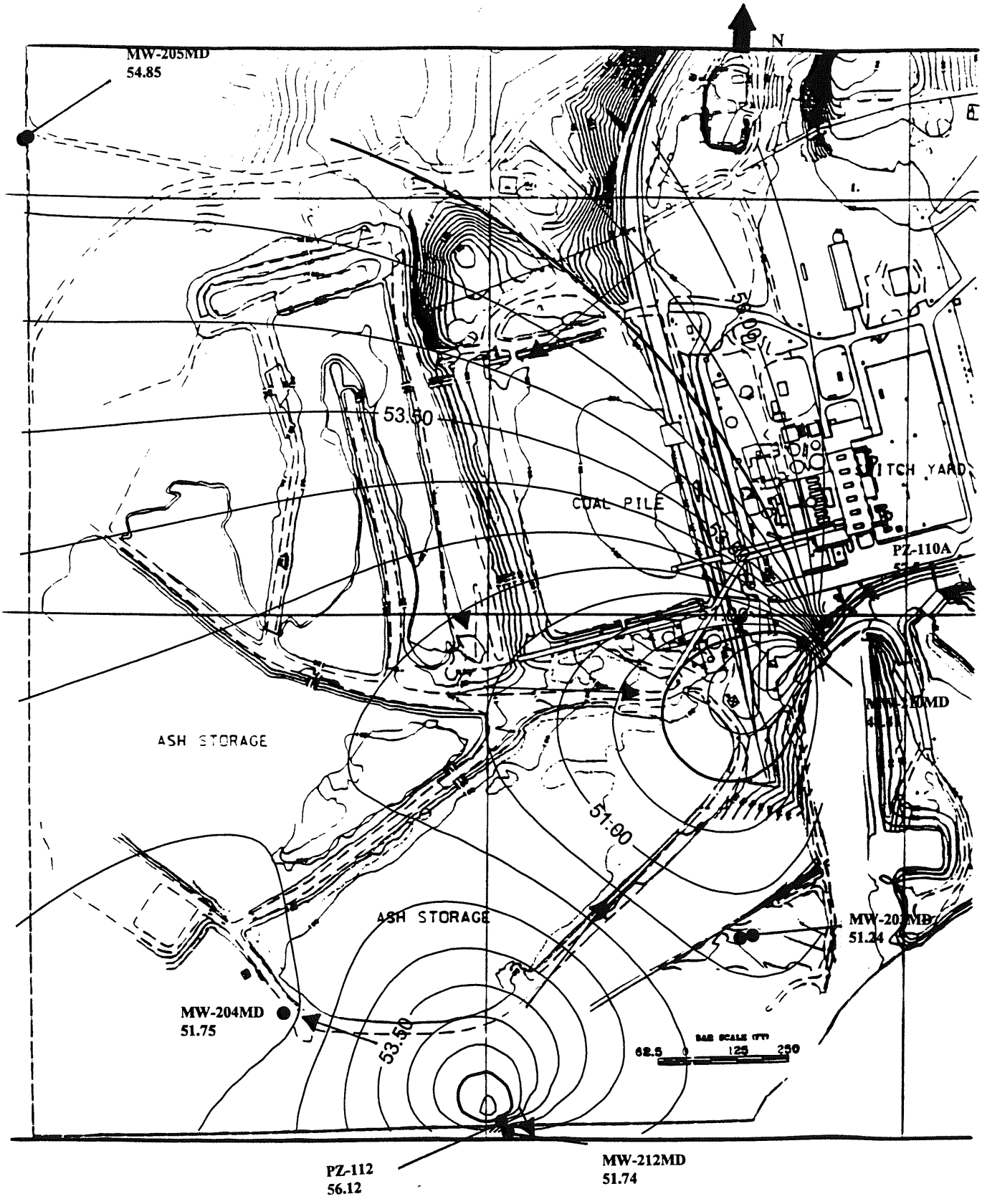


FIGURE 17
Plant Scholz
Potentiometric Map of the Floridan Aquifer
January 11, 1996

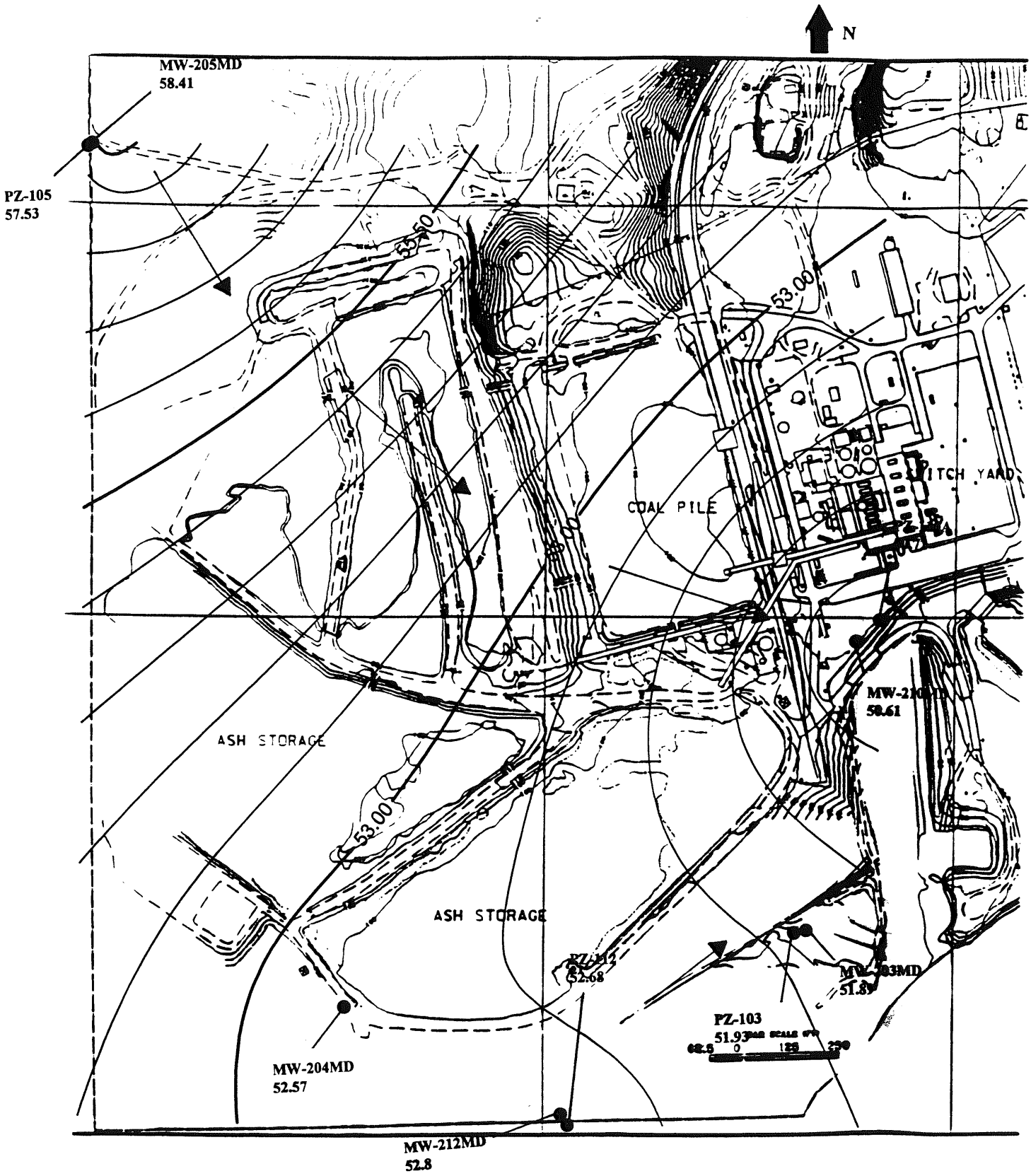


FIGURE 18
Plant Scholz
Potentiometric Map of the Floridan Aquifer
April 11, 1996

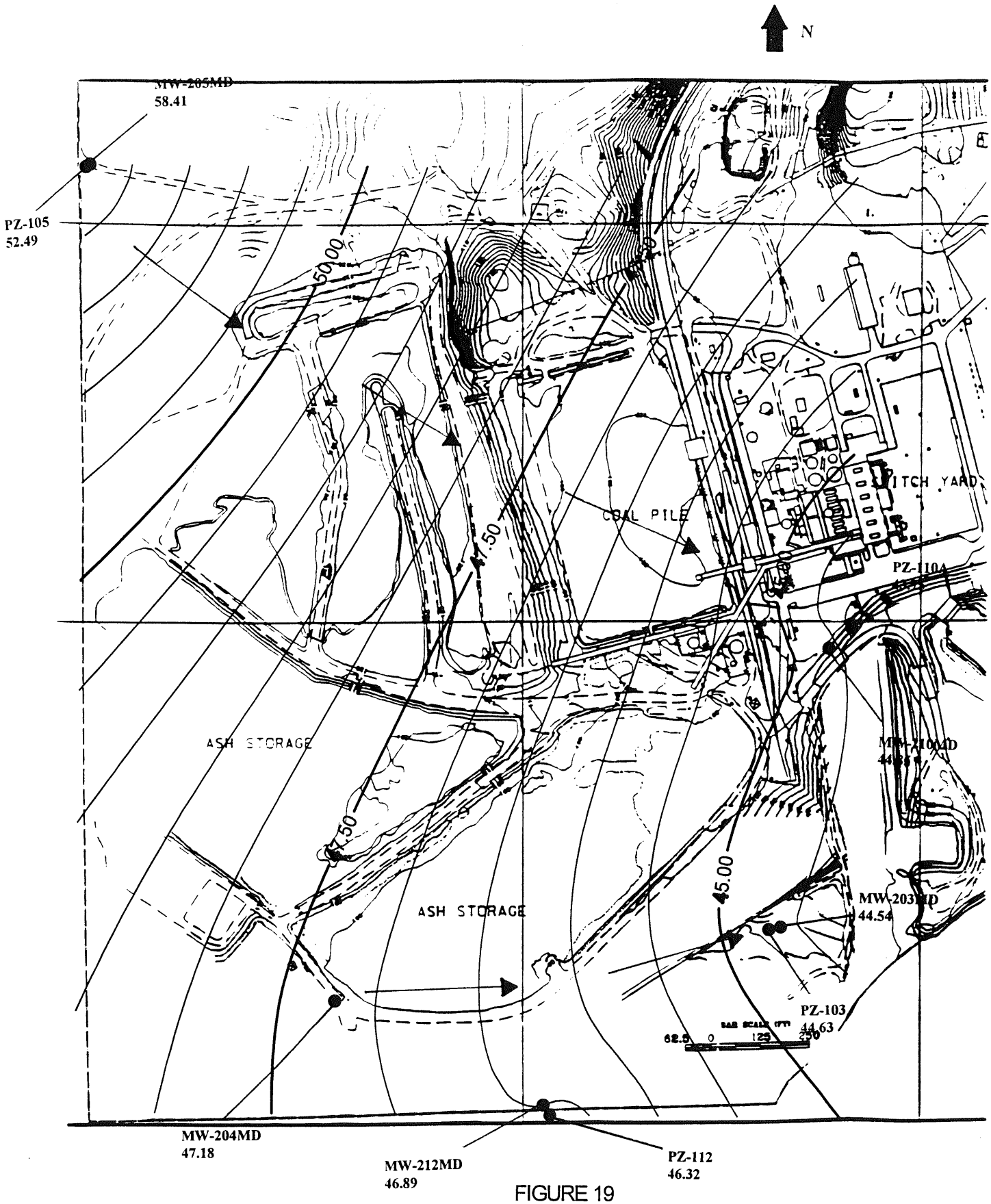
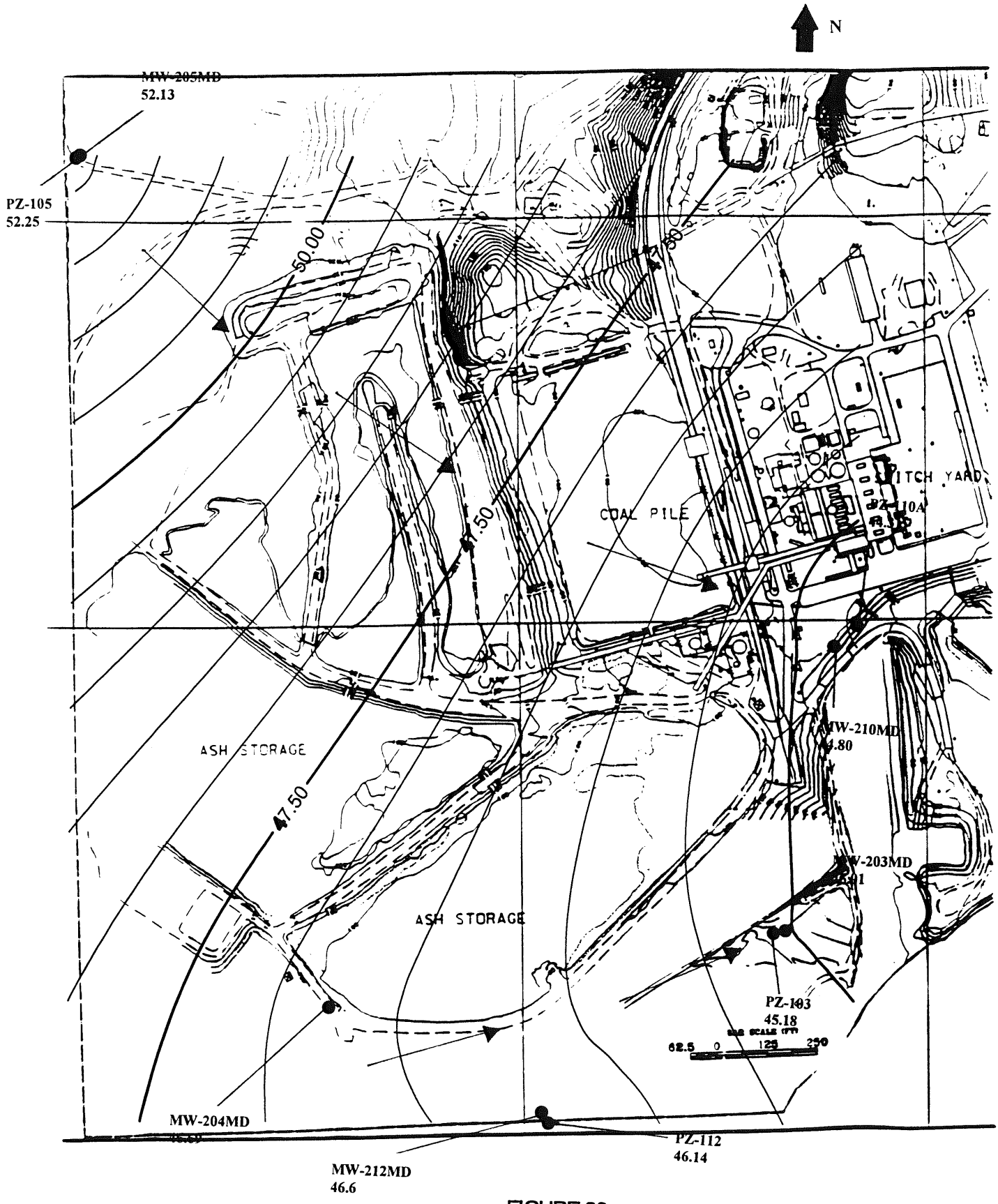


FIGURE 19
Plant Scholz
Potentiometric Map of the Floridan Aquifer
July 24, 1996



Flow Direction

FIGURE 20
Plant Scholz
Potentiometric Map of the Floridan Aquifer
November 13, 1996

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

2846 Industrial Plaza Drive (32301) • P.O. Box 13056 • Tallahassee, FL 32317-3056 • (850) 878-3994 • Fax (850) 878-9504

LOG NO: T8-11938
Received: 19 JUN 98
Reported: 24 JUN 98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Nickel Evaluation
Sampled By: Savannah Laboratories
Code: 181080624

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
11938-1	MW-1	06-19-98/1253

PARAMETER	11938-1
Nickel (200.7)	
Nickel, mg/l	<0.020
Preparation Date	06.23.98
Date Analyzed	06.24.98

Method: EPA 40 CFR Part 136
Florida Dept. of Health Certification No.: E81005
FDEP CompQAP No.: 890142G

Laura B. Snead
Laura B. Snead, Project Manager

SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC

2846 Industrial Plaza Drive (32301) · P.O. Box 13056 · Tallahassee, FL 32317-3056 · (904) 878-3994 · Fax (904) 878 9504

MONITORING WELL SAMPLING FIELD LOG

GULF POWER

From Permit:
Site Name: SCHOOL
Site GMS #:
Well Name: MW-1
Well Testsite #:

Well Type: [ ] BG [ ] SB [ ] INT [ ] COMP

Well Condition: Intact: [X] Damaged: [ ]
If Damaged, Explain: CAP LOCK - RUSTED / INOP

Weather Conditions:
[ ] Sunny [X] Partly Cloudy [ ] Cloudy [ ] Foggy [ ] Light Rain [ ] Heavy Rain
[X] Dry Ground [ ] Wet Ground [ ] Other:

Well Information:
Diameter: 2 inches
Casing Depth: 15.16 feet
Casing Elevation: feet-msl
Water Level: 5.70 feet (to 0.01')
Water Elevation: feet-msl
Length of Water Column: 9.46 feet
Volume of Water in the Well: V3 = 4.83 / 1.61 gal

Well Purging:
[X] Pump [ ] Bailer [ ] Other:
[X] Peristaltic [ ] Submersible [ ] Bladder [ ] Teflon [ ] SS [ ] Polypropylene
[ ] Teflon [ ] SS [X] Polypropylene
Rate: 0.12 GPM
Volume:
# of Bailers Removed:

Start Purge (time): 1140 End Purge (time): 1253 Well Recharge Rate: POOR
Comments: TURB: 7.2 . PURGE 5 VOLS & SAMPLE

Field Measurements Prior to Sample Collection:

	5TH VOL			
Time:	1149	1205	1219	1231
pH:	6.73 (6.65)	6.79	6.75	6.71
D.O.:	(28.2)			
Spec. Cond.:	319 (435)	318	367	383
Temp:	31.0°C	29.3	28.7	28.5
Amount Purged:	2	3.5	4.75	6.25
Comments:	PURGE TURNS ORANGE AFTER A FEW MINUTES - IRON			

TURB: 0.67 (+.03) 6.4 (±0) 83 (-1.0)

Calibration SC = 98.2	Date	Time
3.97/4.01 (units @ pH 4)	6-19	1130
6.94/6.97 (units @ pH 7)	/	/
9.97@27.4° (units @ pH 10)	/	/
(mg/L)	/	/
100% (accuracy)	/	/

1033 X 1.0168 ÷ 1051 = 0.999

Sample Collection: PURGE - 4TH VOL TURBID / MILKY

A. Device: Bailer
Material: [ ] Teflon [ ] SS [ ] Polypropylene
Order of Parameters Collected (A):
Sampling Date:
Time:
[ ] -Volatiles
[ ] -Extr.Organics
[ ] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

B. Device: Pump
Type: [X] Peristaltic [ ] Submersible [ ] Bladder
Material: [ ] Teflon [ ] SS [X] Polypropylene
Order of Parameters Collected (B):
Sampling Date: 6-19-98
Time: 1253
[ ] -Volatiles
[ ] -Extr.Organics
[1] -Total Metals
[ ] -Dissolved Metals
[ ] -Microbiological
[ ] -Inorg./Rads

Sample Appearance:
[X] Clear [X] Turbid [ ] Sheen [X] Color: NONE AT TIME OF SAMPLING.
Comments:

Checklist:
[X] Bottles Labelled [X] Well Locked [ ] Samples Iced [X] Custody Form Completed
X - CASING LOCK IN PLACE
Date / Time Sampling Completed: 6-19-98 | 1255
Signature of Sampler:

Serial Number 12[illegible]94

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☒ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL	ROBBINS	850-444-6127	

CLIENT NAME	CLIENT PROJECT MANAGER
GULF POWER	MIKE MARKEY

CLIENT ADDRESS (CITY, STATE, ZIP): 1 ENERGY PLACE, PENSACOLA, FL 32520-0328

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 418.1 T P, NC

PAGE [ ] OF [ ]

☐ STANDARD REPORT DELIVERY

☒ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: 6-23-98

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6-19-98	1253		MW-1	X				1	

ORIGINAL

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
V Robbins	6-19-98	1030	V Robbins	6-19-98	1520			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
V Robbins	6-19-98	1030						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
W Bassuel	6/19/98	1520	☑ YES ☐ NO		981938	

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

2846 Industrial Plaza Drive (32301) • P.O. Box 13056 • Tallahassee, FL 32317-3056 • (850) 878-3994 • Fax (850) 878-9504

LOG NO: T8-11992
Received: 24 JUN 98
Reported: 26 JUN 98

Mr. Mike Markey
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Project: Nickel Evaluation
Sampled By: Client
Code: 191380626

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
11992-1	Unit #1-Bottom Ash	06-23-98/1325
11992-2	Unit #1-Fly Ash-Front Hopper #8	06-23-98/1335

PARAMETER	11992-1	11992-2
Nickel (6010)		
Nickel, mg/kg dw	15	36
Preparation Date	06.25.98	06.25.98
Date Analyzed	06.26.98	06.26.98

Method: EPA SW-846
Florida Dept. of Health Certification No.: E81005
FDEP CompQAP No.: 890142G

Laura B. Snead

Laura B. Snead, Project Manager

Final Page Of Report

Serial Number 93910

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (954) 421-7400 Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (334) 666-6633 Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Special Request - By Mike Markey		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
FL.	Michael R. Wilson	850-593-6421	850-593-3005

CLIENT NAME	CLIENT PROJECT MANAGER
Gulf Power Company Scholz Electric Generating Plant	

CLIENT ADDRESS (CITY, STATE, ZIP): 1460 Gulf Power Road Sneads, FL. 32460

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Nickel Only

PAGE ____ OF ____

☑ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: None	PRESERVATIVE	REMARKS
6-23-98	1:25PM		Unit #1 - Bottom Ash - Nickel Only		✓			1		
6-23-98	1:35PM		Unit #1 - Fly Ash - Front Hopper #8 - Nickel Only		✓			1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Michael R. Wilson	6-24-98	7:30AM	Scott Jordan	6/24/98	12:20			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Scott Jordan	6/24/98	7:30AM						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
W Bassard	6/24/98	1220	☐ YES ☐ NO			

SAVANNAH LABORATORY COPY