

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-1151
Telephone 904 444-6111



May 18, 1989

Mr. Roosevelt Childress
U. S. Environmental Protection Agency
Permits Section
Facilities Performance Branch
Water Management Division
345 Courtland Street, Northeast
Atlanta, Georgia 30365

Dear Mr. Childress:

NPDES PERMIT APPLICATION NO. FL 000 2283

Please find attached the above referenced application. All items of your May 12 letter have been amended and should now be complete except for one. The one item that was not completed is pages V6-V9 on Form 2C. The data on these pages is not required of the steam electric industry. In a phone conversation with Ms. Yvonne Martin on May 18, Ms. Martin confirmed that these pages did not need to be completed.

I hope that the other changes have addressed your concerns and if I can be of any help please call me at (904) 444-6311.

Sincerely,

A handwritten signature in blue ink that reads "Jim Vick".

Jim Vick

tav/0349F

Gulf Power Company
Post Office Box 1151
Pensacola, FL 32520-1151
Telephone 904-444-6354

George O. Layman
Director of Electric Operations Services



April 28, 1989

Mr. Roosevelt Childress
United States Environmental Protection Agency
Permits Section
Facilities Performance Branch
Water Management Division
345 Courtland Street, Northeast
Atlanta, Georgia 30365

Dear Mr. Childress:

Please find attached the application to renew Gulf Power's Scholz Electric Generating Plant NPDES Permit (No. FL 000 2283). If you have any questions please contact Mr. Jim Vick at (904) 444-6311.

Sincerely,

A handwritten signature in dark ink, appearing to be "G. Layman", written over a horizontal line.

JOV:tav/0269F
Attachment
cc: Mr. Jim Vick

FORM 1 GENERAL	 EPA	U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>	EPA I.D. NUMBER
I. EPA I.D. NUMBER NPDES: FLO002283 III. FACILITY NAME GULF POWER CO. - SCHOLZ STEAM V. FACILITY MAILING ADDRESS G.O. LAYMAN, DIRECTOR PO BOX 1151 PENSACOLA FL 32520 VI. FACILITY LOCATION		GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
II. POLLUTANT CHARACTERISTICS			
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.			
SPECIFIC QUESTIONS		MARK 'X' YES NO FORM ATTACHED	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		YES NO FORM ATTACHED X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		YES NO FORM ATTACHED X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		YES NO FORM ATTACHED X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		YES NO FORM ATTACHED X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		YES NO FORM ATTACHED X	
B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		YES NO FORM ATTACHED X	
D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		YES NO FORM ATTACHED X	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		YES NO FORM ATTACHED X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		YES NO FORM ATTACHED X	
J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		YES NO FORM ATTACHED X	
III. NAME OF FACILITY			
1 SKIP Scholz Electric Generating Plant			
IV. FACILITY CONTACT			
A. NAME & TITLE (last, first, & title)		B. PHONE (area code & no.)	
2 Layman, George O.		904 444 6354	
V. FACILITY MAILING ADDRESS			
A. STREET OR P.O. BOX			
3 P.O. Box 1151			
B. CITY OR TOWN		C. STATE	D. ZIP CODE
4 Pensacola		FL	32520
VI. FACILITY LOCATION			
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
5 At the end of Jackson County Road No. 271S			
B. COUNTY NAME			
Jackson			
C. CITY OR TOWN		D. STATE	E. ZIP CODE
6 Sneads		FL	32460

VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND										
C	7	4	9	3	0	(specify) Electricity Generation					C	7	(specify)							
15	16	17	18	19																
C. THIRD										D. FOURTH										
C	7	(specify)								C	7	(specify)								
15	16	17	18	19																

VIII. OPERATOR INFORMATION

A. NAME															B. Is the name listed in Item VIII-A also the owner?									
C	8	Gulf Power Company													☒ YES ☐ NO 66									
15	16																							
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)															D. PHONE (area code & no.)									
F = FEDERAL M = PUBLIC (other than federal or state) S = STATE O = OTHER (specify)															P (specify)									
P															904 444 6111									
E. STREET OR P.O. BOX															D. PHONE (area code & no.)									
P.O. Box 1151																								
F. CITY OR TOWN															G. STATE					H. ZIP CODE				
B Pensacola															FL					32520				
IX. INDIAN LAND															Is the facility located on Indian lands?									
															☐ YES ☒ NO 52									

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)										D. PSD (Air Emissions from Proposed Sources)									
C	9	N	FL 000 2267							C	9	P							
15	16	17	18	19	20	21	22	23	24	15	16	17	18	19	20	21	22	23	24
B. UIC (Underground Injection of Fluids)										E. OTHER (specify)									
C	9	U	NA							C	9	See Attachment I							
15	16	17	18	19	20	21	22	23	24	15	16	17	18	19	20	21	22	23	24
C. RCRA (Hazardous Wastes)										E. OTHER (specify)									
C	9	R	NA							C	9	See Attachment I							
15	16	17	18	19	20	21	22	23	24	15	16	17	18	19	20	21	22	23	24

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

The nature of the business is to generate electricity by means of burning coal.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the 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.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Earl B. Parsons Jr. Vice President, Electric Operations	Earl B. Parsons Jr.	5/1/89

COMMENTS FOR OFFICIAL USE ONLY

C

FORM
2C
NPDES



U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	30	40	00	84	53	11½	Apalachicola River
002	30	40	2½	84	53	12	Internal Waste Stream
003	30	40	2½	84	53	12	Internal Waste Stream
004	30	40	04	84	53	12½	Internal Waste Stream

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUT-FALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Once-Through Cooling	~130 MGD	Discharge to Surface Waters	4	A
	Ash Pond Overflow	~.2 MGD	Sedimentation	1-	U
	Sanitary Wastes	~.002 MGD			
002	Ash Sluice Water	~.54 MGD	Sedimentation	1	U
	Coal Pile Runoff		Sedimentation	1	U
	Building and Yard Sumps		Sedimentation	1	U
003	Metal Cleaning Waste	HAS NEVER OCCURED	Chemical Precipitation	2	C
004	Sanitary Waste	~.002 MGD	Aerobic Digestion	5	A

OFFICIAL USE ONLY (effluent guidelines sub-categories)

C. Except for storm runoff, leaks, or spills, are _____ of the discharges described in Items II-A or B intermittent or seasonal?

☒ YES (complete the following table)☐ NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW					
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	5. FLOW RATE (in mgd)		6. TOTAL VOLUME (specify with units)		c. DUR- ATION (in days)	
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY		
003	Metal Cleaning Waste (Extremely Intermittant)								

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☒ YES (complete Item III-B)☐ NO (to to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

☐ YES (complete Item III-C)☒ NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION

a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	2. AFFECTED OUTFALLS (list outfall numbers)

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of waste-water treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES (complete the following table)☒ NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COM- PLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE	a. RE- QUIRED	b. PRO- JECTED	

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

V. INTAKE AND EFFLUENT CHARACTERISTICS

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☒ **NO** (go to Item VI-B)

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES (identify the test(s) and describe their purposes below)

☒ NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☒ YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

☐ NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
Savannah Laboratories and Environmental Services, Inc.	P.O. Box 9248 Mobile, AL 36691-0248	(205) 666-6633	All analyses in Part V were done by Savannah Labs with the exception of TRC, Flow, Temperature and pH. These were based on historical data.

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (type or print)

Earl B. Parsons, Jr.
Vice President, Electric Operations

B. PHONE NO. (area code & no.)

(904) 444-6383

C. SIGNATURE

Earl B. Parsons Jr.

D. DATE SIGNED

5/1/89

Scholz Electric Generating Plant

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	1.5						1	mg/l		1.3		1
b. Chemical Oxygen Demand (COD)	<20						1	mg/l		<20		1
c. Total Organic Carbon (TOC)	2.2						1	mg/l		2.2		1
d. Total Suspended Solids (TSS)	9						1	mg/l		11		1
e. Ammonia (as N)	<0.05						1	mg/l		<0.05		1
f. Flow	VALUE 129.6		VALUE		VALUE		12	MGD		VALUE 129.6		12
g. Temperature (winter)	VALUE 36.7		VALUE		VALUE		6	°C		VALUE		
h. Temperature (summer)	VALUE 40		VALUE		VALUE		6	°C		VALUE		
i. pH	MINIMUM 6.72	MAXIMUM 8.31	MINIMUM	MAXIMUM			12	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)			<1.0						1	mg/l		<1.0		1
b. Chlorine, Total Residual			0						0	mg/l		0		0
c. Color			20						1	PCU		20		1
d. Fecal Coliform			4						1	col/100 ml		11		1
e. Fluoride (16984-48-9)			0.23						1	mg/l		0.24		1
f. Nitrate-Nitrite (as N)			0.46						1	mg/l		0.42		1

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)			0.33	(no less than sign)					1	mg/l		0.35		1
h. Oil and Grease			<1						1	mg/l		<1		1
i. Phosphorus (as P), Total (7723-14-0)			<0.05						1	mg/l		0.07		1
J. Radioactivity														
(1) Alpha, Total			8 +/- 6						1	pCi/l		5 +/- 3		1
(2) Beta, Total			8 +/- 3						1	pCi/l		<3		1
(3) Radium, Total			12 +/- 7						1	pCi/l		6 +/- 4		1
(4) Radium 226, Total			11.2 +/- 7.4						1	pCi/l		<0.6		1
k. Sulfate (as SO ₄) (14808-79-8)			15						1	mg/l		16		1
l. Sulfide (as S)			<0.03						1	mg/l		<0.03		1
m. Sulfite (as SO ₃) (14265-45-3)			<0.5						1	mg/l		<0.5		1
n. Surfactants			<0.10						1	mg/l		<0.10		1
o. Aluminum, Total (7429-90-5)			0.53						1	mg/l		0.47		1
p. Barium, Total (7440-39-3)			0.022						1	mg/l		0.021		1
q. Boron, Total (7440-42-8)			0.032						1	mg/l		0.032		1
r. Cobalt, Total (7440-48-4)			<0.02						1	mg/l		<0.02		1
s. Iron, Total (7439-89-6)			0.93						1	mg/l		0.84		1
t. Magnesium, Total (7439-95-4)			2.2						1	mg/l		1.7		1
u. Molybdenum, Total (7439-98-7)			<0.01						1	mg/l		<0.01		1
v. Manganese, Total (7439-96-5)			0.058						1	mg/l		0.054		1
w. Tin, Total (7440-31-5)			<0.05						1	mg/l		<0.05		1
x. Titanium, Total (7440-32-6)			<0.02						1	mg/l		<0.02		1

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST-ING RE-QUIR-ED	b. BE-LIEVED PRE-SENT	c. BE-LIEVED AB-SENT	8. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL-YSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)				<0.1						1	mg/l		<0.1		1
2M. Arsenic, Total (7440-38-2)				<0.002						1	mg/l		<0.002		1
3M. Beryllium, Total, 7440-41-7)				<0.005						1	mg/l		<0.005		1
4M. Cadmium, Total (7440-43-9)				<0.005						1	mg/l		<0.005		1
5M. Chromium, Total (7440-47-3)				<0.01						1	mg/l		<0.01		1
6M. Copper, Total (7440-50-8)				<0.01						1	mg/l		<0.01		1
7M. Lead, Total (7439-92-1)				<0.05						1	mg/l		<0.05		1
8M. Mercury, Total (7439-97-6)				<0.0002						1	mg/l		<0.0002		1
9M. Nickel, Total (7440-02-0)				<0.02						1	mg/l		<0.02		1
10M. Selenium, Total (7782-49-2)				<0.002						1	mg/l		<0.002		1
11M. Silver, Total (7440-22-4)				<0.01						1	mg/l		<0.01		1
12M. Thallium, Total (7440-28-0)				<0.1						1	mg/l		<0.1		1
13M. Zinc, Total (7440-66-6)				<0.01						1	mg/l		<0.01		1
14M. Cyanide, Total (57-12-5)				<0.01						1	mg/l		<0.01		1
15M. Phenols, Total				<0.010						1	mg/l		<0.011		1
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)				DESCRIBE RESULTS <10 microgram/liter 2,3,7,8-TCDD; Data obtained using GC/MS screening technique (EPA Method 625)											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST ING RE- QUIR- ED	b. BE- LIEVED PRE- SENT	c. BE- LIEVED AB- SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)				<50						1	ug/l		<50		1
2V. Acrylonitrile (107-13-1)				<50						1	ug/l		<50		1
3V. Benzene (71-43-2)				<5						1	ug/l		<5		1
4V. Bis (Chloro- methyl) Ether (542-88-1)				<10						1	ug/l		<10		1
5V. Bromoform (75-25-2)				<5						1	ug/l		<5		
6V. Carbon Tetrachloride (56-23-5)				<5						1	ug/l		<5		1
7V. Chlorobenzene (108-90-7)				<5						1	ug/l		<5		1
8V. Chlorodi- bromomethane (124-48-1)				<5						1	ug/l		<5		1
9V. Chloroethane (75-00-3)				<10						1	ug/l		<10		1
10V. 2-Chloro- ethyvinyl Ether (110-75-8)				<10						1	ug/l		<10		1
11V. Chloroform (67-66-3)				<5						1	ug/l		<5		1
12V. Dichloro- bromomethane (75-27-4)				<10						1	ug/l		<10		1
13V. Dichloro- difluoromethane (75-71-8)				<5						1	ug/l		<5		1
14V. 1,1-Dichloro- ethane (75-34-3)				<5						1	ug/l		<5		1
15V. 1,2-Dichloro- ethane (107-06-2)				<5						1	ug/l		<5		1
16V. 1,1-Dichloro- ethylene (75-35-4)				<5						1	ug/l		<5		1
17V. 1,2-Dichloro- propane (78-87-5)				<5						1	ug/l		<5		1
18V. 1,3-Dichloro- propylene (542-75-6)				<5						1	ug/l		<5		1
19V. Ethylbenzene (100-41-4)				<5						1	ug/l		<5		1
20V. Methyl Bromide (74-83-9)				<10						1	ug/l		<10		1
21V. Methyl Chloride (74-87-3)				<10						1	ug/l		<10		1

Scholz Electric Generating Plant
CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1) OUTFALL NUMBER

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST-ING RE-QUIR-ED	b. BE-LIEVED PRE-SENT	c. BE-LIEVED AB-SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL-YSES	a. CONCENTRATION	b. MASS	e. LONG TERM AVERAGE VALUE		b. NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)				<5						1	ug/l		<5		1
23V. 1,1,2,2-Tetra-chloroethane (79-34-5)				<5						1	ug/l		<5		1
24V. Tetrachloro-ethylene (127-18-4)				<5						1	ug/l		<5		1
25V. Toluene (108-88-3)				<5						1	ug/l		<5		1
26V. 1,2-Trans-Dichloroethylene (156-60-5)				<5						1	ug/l		<5		1
27V. 1,1,1-Tri-chloroethane (71-55-6)				<5						1	ug/l		<5		1
28V. 1,1,2-Tri-chloroethane (79-00-5)				<5						1	ug/l		<5		1
29V. Trichloro-ethylene (79-01-6)				<5						1	ug/l		<5		1
30V. Trichloro-fluoromethane (75-69-4)				<5						1	ug/l		<5		1
31V. Vinyl Chloride (75-01-4)				<10						1	ug/l		<10		1
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)				<10						1	ug/l		<10		1
2A. 2,4-Dichloro-phenol (120-83-2)				<10						1	ug/l		<10		1
3A. 2,4-Dimethyl-phenol (105-67-9)				<10						1	ug/l		<10		1
4A. 4,6-Dinitro-O-Cresol (534-52-1)				<50						1	ug/l		<50		1
5A. 2,4-Dinitro-phenol (51-28-5)				<50						1	ug/l		<50		1
6A. 2-Nitrophenol (88-75-5)				<10						1	ug/l		<10		1
7A. 4-Nitrophenol (100-02-7)				<50						1	ug/l		<50		1
8A. P-Chloro-M-Cresol (59-50-7)				<10						1	ug/l		<10		1
9A. Pentachloro-phenol (87-86-5)				<10						1	ug/l		<10		1
10A. Phenol (108-95-2)				<10						1	ug/l		<10		1
11A. 2,4,6-Tri-chlorophenol (88-06-2)				<10						1	ug/l		<10		1

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TEST- ING RE- QUIR- ED	b. SE- LIEVED PRE- SENT	c. SE- LIEVED AB- SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		b. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)															
2B. Acenaphthylene (208-96-8)															
3B. Anthracene (120-12-7)															
4B. Benzidine (92-87-5)															
5B. Benzo (a) Anthracene (56-55-3)															
6B. Benzo (a) Pyrene (50-32-8)															
7B. 3,4-Benzo-Fluoranthene (205-99-2)															
8B. Benzo (ghi) Perylene (191-24-2)															
9B. Benzo (k) Fluoranthene (207-08-9)															
10B. Bis (2-Chloroethoxy) Methane (111-91-1)															
11B. Bis (2-Chloroethyl) Ether (111-44-4)															
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)															
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)															
14B. 4-Bromophenyl Phenyl Ether (101-55-3)															
15B. Butyl Benzyl Phthalate (85-68-7)															
16B. 2-Chloronaphthalene (91-58-7)															
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)															
18B. Chrysene (218-01-9)															
19B. Dibenzo (a,h) Anthracene (53-70-3)															
20B. 1,2-Dichlorobenzene (95-50-1)															
21B. 1,3-Dichlorobenzene (541-73-1)															

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST ING RE- QUIR- ED	b. BE- LIEVED PRE- SENT	c. BE- LIEVED AB- SENT	8. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANAL- YSES	8. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued ¹)															
22B. 1,4-Dichloro- benzene (106-46-7)															
23B. 3,3'-Dichloro- benzidine (91-94-1)															
24B. Diethyl Phthalate (84-66-2)															
25B. Dimethyl Phthalate (131-11-3)															
26B. Di-N-Butyl Phthalate (84-74-2)															
27B. 2,4-Dinitro- toluene (121-14-2)															
28B. 2,6-Dinitro- toluene (606-20-2)															
29B. Di-N-Octyl Phthalate (117-84-0)															
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)															
31B. Fluoranthene (206-44-0)															
32B. Fluorene (86-73-7)															
33B. Hexachlorobenzene (118-74-1)															
34B. Hexa- chlorobutadiene (85-01-3)															
35B. Hexachloro- cyclopentadiene (77-47-4)															
36B. Hexachloro- ethane (67-72-1)															
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)															
38B. Isophorone (78-59-1)															
39B. Naphthalene (91-20-3)															
40B. Nitrobenzene (98-95-3)															
41B. N-Nitro- sodimethylamine (62-75-9)															
42B. N-Nitrosodi- N-Propylamine (621-64-7)															

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIR- ED	b. BE- LIEVED PRE- SENT	c. BE- LIEVED AB- SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitro- sodiphenylamine (86-30-6)															
44B. Phenanthrene (85-01-8)															
45B. Pyrene (129-00-0)															
46B. 1,2,4 - Tri- chlorobenzene (120-82-1)															
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)															
2P. γ -HCH (31-04-6)															
3P. β -HCH (319-85-7)															
4P. γ -HCH (58-89-9)															
5P. δ -HCH (319-86-8)															
6P. Chlordane (57-74-9)															
7P. 4,4'-DDT (50-29-3)															
8P. 4,4'-DDE (72-55-9)															
9P. 4,4'-DDD (72-54-8)															
10P. Dieldrin (60-31-6)															
11P. α -Endosulfan (115-29-7)															
12P. β -Endosulfan (115-29-7)															
13P. Endosulfan Sulfate (1031-07-8)															
14P. Endrin (72-20-8)															
15P. Endrin Aldehyde (7421-93-4)															
16P. Heptachlor (76-44-8)															

CONTINUED FROM PAGE V-8

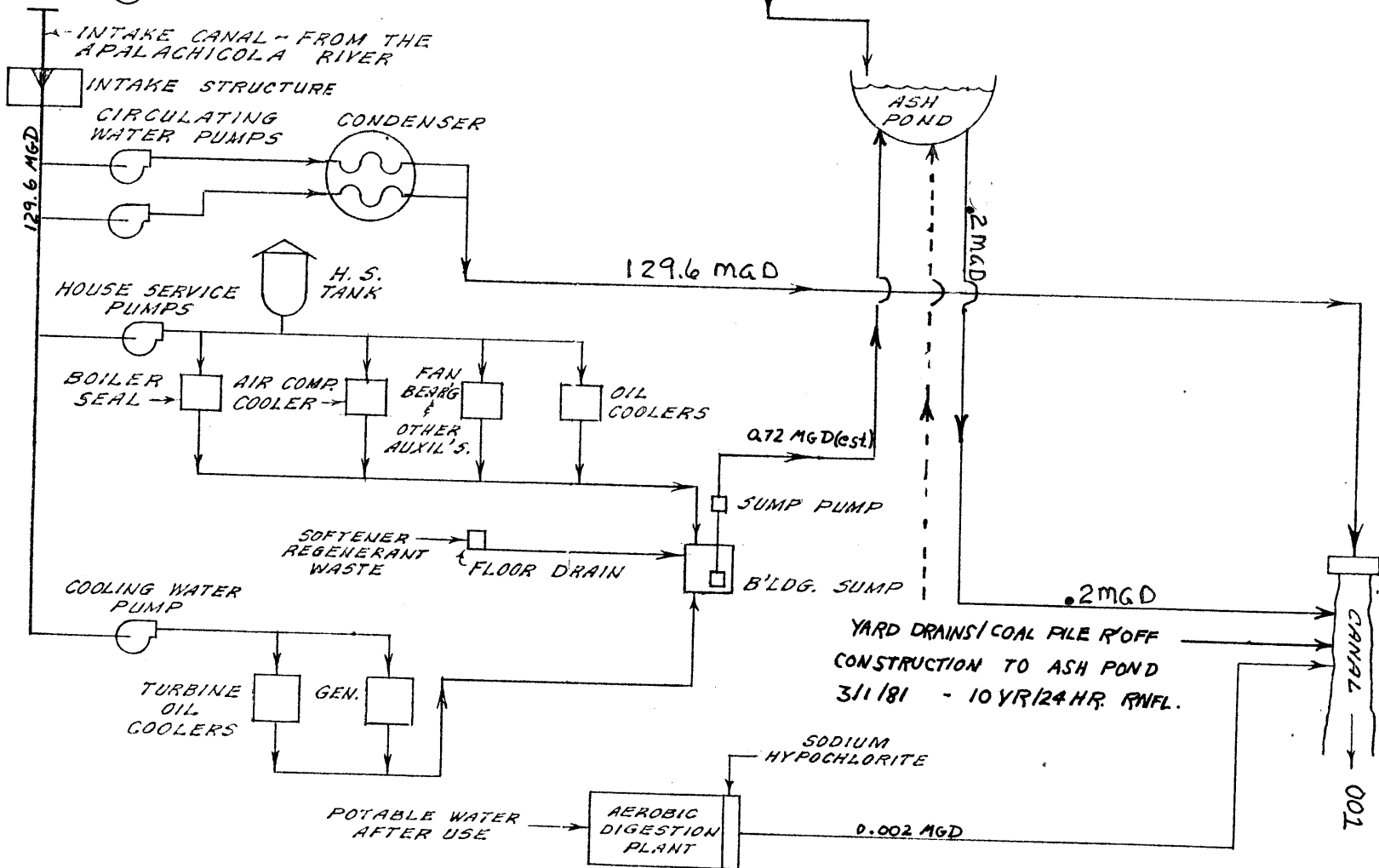
EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIR- ED	b. BE- LIEVED PRE- SENT	c. BE- LIEVED AB- SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)															
18P. PCB-1242 (53469-21-9)															
19P. PCB-1254 (11097-69-1)															
20P. PCB-1221 (11104-28-2)															
21P. PCB-1232 (11141-16-5)															
22P. PCB-1248 (12672-29-6)															
23P. PCB-1260 (11096-82-5)															
24P. PCB-1016 (12674-11-2)															
25P. Toxaphene (8001-35-2)															

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SUBJECT

DETAIL

1

NO. 15

SH

-OF / SHEETS

A
3
3
3
3

Attachment I

<u>Name of Permit</u>	<u>Number</u>
State Industrial Wastewater Discharge Permit	I032-113566
State Air Operating Permit Unit No. 1	A032-134888
State Air Operating Permit Unit No. 2	A032-134889