

APPENDIX 10.6.1

FDEP INJECTION WELL PERMIT #0127512-002-UO



Jeb Bush
Governor

Department of Environmental Protection

Southeast District
400 N. Congress Avenue — Suite 200
West Palm Beach, Florida 33401

Colleen M. Castille
Secretary

NOTICE OF PERMIT

Dan Poirier, Maintenance Manager
FPL Turkey Point Power Plant
9760 SW 344th Street
Florida City, FL 33035

MIAMI-DADE COUNTY
UIC - FPL Turkey Point WWTP
FILE: 0127512-002-UO (Well IW-1)

Dear Mr. Poirier:

Enclosed is Permit Number 0127512-002-UO, for the continued operation of one Class V, Group 3 domestic wastewater injection (gravity flow) well, IW-1. The injection well's use is low flow rate disposal of non-hazardous secondary treated domestic wastewater (effluent) from a domestic wastewater treatment facility at the Turkey Point Power Plant, located at 9700 S.W. 344th Street, Florida City, Miami-Dade County, Florida 33035. The permit is issued pursuant to Section(s) 403.087, Florida Statutes and Florida Administrative Codes 62-4, 62-520, 62-522, and 62-528 and 62-550, 62-600 and 62-601.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Stop 35, 3900 Commonwealth Blvd., Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Should you have any questions, please contact Mark A. Silverman, P.G., or Joseph R. May, P.G., of this office at (561) 681-6778 or (561) 681-6691, respectively.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Kevin R. Neal

1/20/06

Date

Kevin R. Neal
District Director
Southeast District

KRN/LAH/JRM/mas
Copies furnished to:

Bob Bertelson, FPL/FL CITY
Jim Brawner, FPL/JUNO BCH
Nathaniel Zemel, CE/MIA BCH
Ben Enloe, FPL/FL CITY

Richard Deuerling, FDEP/TLH
Ron Reese, USGS/MIA
Tim Powell, FDEP/WPB

Nancy Marsh, USEPA/ATL
Harvey Kottke, Metro-Dade DERM
Steve Anderson, SFWMD/WPB

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 1/23/06 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to the §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

[Signature]
1/23/06
Date



Jeb Bush
Governor

Department of Environmental Protection

Southeast District
400 N. Congress Avenue — Suite 200
West Palm Beach, Florida 33401

Colleen M. Castille
Secretary

PERMITTEE:
Dan Poirier, Maintenance Manager
FPL Turkey Point Power Plant
9760 SW 344th Street
Florida City, FL 33035

PERMIT/CERTIFICATION NUMBER: 0127512-002-UO
DATE OF ISSUANCE: 1/23/06
EXPIRATION DATE: 1/22/2011
COUNTY: Miami-Dade
PROJECT: Renewal Operation Permit for Class V,
Group 3, Domestic Wastewater Injection
(Gravity Flow) Well IW-1, Used for the
Turkey Point WWTP

PROJECT: Renewal operation permit for Injection (gravity flow) Well IW-1, for continued low flow rate disposal of non-hazardous secondary treated domestic wastewater (effluent) from a domestic wastewater treatment facility located at the Florida Power and Light (FPL) Company's Turkey Point Power Plant.

This permit is issued under the provisions of Chapter 403.087, Florida Statutes, and Florida Administrative Code (F.A.C.) Rules 62-4, 62-520, 62-522, 62-528, and 62-550, 62-600 and 62-601. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO OPERATE: One Class V, Group 3, eight-inch diameter domestic wastewater injection (gravity flow) well, IW-1. The injection well will continue to be used for low volume disposal (up to 35,000 gallons per day peak hour flow) of non-hazardous secondary treated domestic wastewater (effluent) from the domestic wastewater treatment facility located at the Turkey Point Power Plant. Under gravity flow, this domestic wastewater drains into an open hole interval between 42 feet and the total depth of the injection well at 60 feet below land surface (bls). The surficial aquifer ground water at the facility is G-III ground water, as indicated by monitoring well data; the disposal well location in proximity to Biscayne Bay and cooling canals; and Monthly and Annual Cooling Canal Reports indicating cooling canal salinities of approximately 45,000 ppm.

IN ACCORDANCE WITH: Application for an operation permit received May 4, 2000; Request for Information (RFI) dated June 2, 2000; response to RFI received July 5, 2000; RFI dated August 4, 2000; response to RFI received September 29, 2000; RFI dated October 27, 2000; response to RFI received February 28, 2001; RFI dated March 27, 2001; responses to RFI received June 15, 2001 and July 24, 2001; supplementary correspondence received December 4, 2001, April 30, 2002 and March 3, 2005; meeting held on August 18, 2005 at the Southeast District office of FDEP; comments from the Underground Injection Control - Technical Advisory Committee (UIC-TAC); publication of the Notice of Draft Permit 0127512-002-UO in the Miami Herald on October 23, 2005; in consideration of receipt of public comment received as a result of a public meeting held on November 29, 2005; and publication of the Notice of Intent to Issue Permit 0127512-002-UO in the Miami Herald on December 16, 2005.

LOCATED AT: FPL Turkey Point Power Plant, 9700 S.W. 344th Street, Florida City, Miami-Dade County, Florida 33035.

TO SERVE: Turkey Point Wastewater Treatment Plant with its non-hazardous secondary treated domestic wastewater (effluent) disposal needs.

SUBJECT TO: General Conditions 1-24 and Specific Conditions 1-8.

GENERAL CONDITIONS:

The following **General Conditions** are referenced in Florida Administrative Code Rule 62-528.307.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are "permit conditions" and are binding and enforceable pursuant to Section 403.141, F.S.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action.
3. As provided in Subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land, water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefrom; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, or are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of this permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.Reasonable time will depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent the recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

GENERAL CONDITIONS:

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-528.350, F.A.C. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records shall be extended automatically unless the Department determines that the records are no longer required.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - 1) the date, exact place, and time of sampling or measurements;
 - 2) the person responsible for performing the sampling or measurements;
 - 3) the dates analyses were performed;
 - 4) the person responsible for performing the analyses;
 - 5) the analytical techniques or methods used
 - 6) the results of such analyses
 - d. The permittee shall furnish to the Department, within the time requested in writing, any information which the Department requests to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
 - e. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.
14. All applications, reports, or information required by the Department shall be certified as being true, accurate, and complete.
15. Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each scheduled date.
16. Any permit noncompliance constitutes a violation of the Safe Drinking Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

GENERAL CONDITIONS:

17. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
18. The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.
19. This permit may be modified, revoked and reissued, or terminated for cause, as provided in 40 C.F.R. Sections 144.39(a), 144.40(a), and 144.41 (1998). The filing of a request by the permittee for a permit modification, revocation or reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
20. The permittee shall retain all records of all monitoring information concerning the nature and composition of injected fluid until five years after completion of any plugging and abandonment procedures specified under Rule 62-528.435, F.A.C. The permittee shall deliver the records to the Department office that issued the permit at the conclusion of the retention period unless the permittee elects to continue retention of the records.
21. All reports and other submittals required to comply with this permit shall be signed by a person authorized under Rules 62-528.340(1) or (2), F.A.C. All reports shall contain the certification required in Rule 62-528.340(4), F.A.C.
22. The permittee shall notify the Department as soon as possible of any planned physical alterations or additions to the permitted facility. In addition, prior approval is required for activities described in Rule 62-528.410(1)(h).
23. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or injection activity which may result in noncompliance with permit requirements.
24. The permittee shall report any noncompliance which may endanger health or the environment including:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water; or
 - b. Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

All information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

SPECIFIC CONDITIONS:

1. General Requirements

- a. In accordance with Rules 62-4.090(1) and 62-528.455(3)(a), F.A.C., the permittee shall submit an application for permit renewal at least 60 days prior to expiration of this permit.
- b. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures.
- c. The permittee shall notify the Department and obtain approval prior to any physical alterations or additions to the injection or monitoring wells, including removal of the well head.

2. Operating Requirements

- a. Injection well system monitoring devices:
 - 1) Pursuant to Rule 62-528.425(1)(b), F.A.C., the injection well shall be monitored by continuous indicating, recording and totalizing devices to monitor effluent flow rate and volume. All indicating, recording and totalizing devices associated with the injection well shall be maintained in good operating condition and calibrated annually at a minimum.
 - 2) Pursuant to Rule 62-600.540(4), F.A.C., the surface equipment shall be such that manual backup capability to monitor flow shall be provided for systems utilizing automatic and continuous recording equipment.
- b. Laboratory equipment, methods, and quality control will follow United States Environmental Protection Agency (USEPA) guidelines as expressed in Standard Methods for the Examination of Water and Wastewater. All flow meter and chart records shall be calibrated using standard engineering methods.
- c. Operation of the injection well shall maintain compliance in the receiving G-III aquifer system with the minimum criteria for ground water, pursuant to Rule 62-520.400(1), F.A.C.
- d. Only non-hazardous secondary treated domestic wastewater (effluent) from the domestic wastewater treatment facility located at the FPL Turkey Point Power Plant may be discharged into the injection well.
- e. The wastewater stream shall be non-hazardous in nature at all times, as defined in 40-CFR, Part 261 and as adopted in Chapter 62-730, F.A.C.

3. Testing and Reporting Requirements

- a. Any failure of the injection well monitoring and recording equipment for a period of more than 48 hours shall be reported to the Department within 24 hours. A written report describing the incident shall also be submitted to the Department within five days of the start of the event. The written report shall contain a complete description of the occurrence, a discussion of its cause(s), and the steps being taken to reduce, eliminate, and prevent recurrence of the event, and all other information deemed necessary by the Department.

SPECIFIC CONDITIONS:

- b. The injection system shall be monitored in accordance with Rules 62-528.425(1)(g) and 62-528.430(2), F.A.C. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The following injection well performance and monitoring zone data shall be collected and reported to the Department in Monthly Operating Reports (MORs) as indicated below.

- 1) Physical characteristics of injection well:

Flow rate parameters:

- average daily flow rate to injection well as measured from flowmeter (MGD)
- daily maximum sustained (15 minutes minimum) flow rate to injection well (MGD)
- monthly average of the daily flow rates to injection well (MGD)
- monthly maximum (peak hour) flow rate to injection well (MGD)

Volumetric parameters:

- total daily effluent to injection well from as measured from totalizer (MG)
- total monthly flow volume to injection well (MG)

- 2) Chemical characteristics of the wastewater effluent stream sampled from the injection well monthly:

Monthly sampling:

- residue, total filterable (total dissolved solids, TDS) (mg/L)
- chlorides (mg/L)
- specific conductance (temperature compensated, $\mu\text{mho/cm}$ or $\mu\text{S/cm}$)
- total suspended solids (TSS) (mg/L)
- nitrogen, total Kjeldahl as N (TKN) (mg/L)
- nitrogen, nitrate, total as N (nitrate) (mg/L)
- pH (standard units)

The MORs shall indicate monthly averages for all parameters sampled daily.

- c. All samples must be collected and analyzed in accordance with the quality assurance/quality control (QA/QC) requirements of Rule 62-160, F.A.C.
- d. All injection well data submissions, including MORs, shall be clearly identified on each page with: facility name, I.D. Number, permit number, operator's name, license number, daytime phone number, date of sampling/recording and type of data. The lead plant operator or higher official shall sign and date each submittal.
- e. The permittee shall submit monthly to the Department the results of all injection well and monitoring well data required by this permit (MORs) no later than the **last day of the month** immediately following the month of record. The results shall be sent to the Department of Environmental Protection's Southeast District Office (FDEP, UIC Section, 400 N. Congress Avenue, Suite 200, West Palm Beach, FL 33401). A copy of this report shall also be sent to the Department of Environmental Protection, Underground Injection Control Program, MS 3530, 2600 Blair Stone Road, Tallahassee, FL 32399-2400.
- f. A wastewater effluent stream analysis (24-hour composite sample) for primary and secondary drinking water standards (Chapter 62-550, F.A.C.) and minimum criteria, see attached list, shall be submitted within six months of the expiration date of this permit. VOC parameters and biological parameters shall be sampled either in-situ or grab.

SPECIFIC CONDITIONS:

4. Signatories and Certification Requirements

- a. All reports and other submittals required to comply with this permit shall be signed by a person authorized under Rules 62-528.340(1) or (2), F.A.C.
- b. In accordance with Rule 62-528.340(4), F.A.C., all reports shall contain the following 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."

5. Emergency Disposal

- a. All applicable federal, state, and local permits shall be in place to allow for any alternate discharges due to emergency or planned outage conditions.
- b. The emergency disposal method presented on Page 2 of correspondence from FPL dated June 30, 2000 (received July 5, 2000) and the Operations and Maintenance (O & M) Manual (received February 28, 2001) and approved by the Department as a part of this permit, shall be maintained in fully operational order at all times.
- c. Any proposed changes in emergency disposal methods shall be submitted for Departmental and USEPA review for approval prior to implementation.

[SPACE INTENTIONALLY BLANK]

SPECIFIC CONDITIONS:

d. Abnormal Events

- 1) In the event the permittee is temporarily unable to comply with any of the conditions of a permit due to breakdown of equipment, power outages, destruction by hazard of fire, wind, or by other cause, the permittee of the facility shall notify the Department. Notification shall be made in person, by telephone, or by telegraph within 24 hours of breakdown or malfunction to the Department.
- 2) A written report of any noncompliance referenced in S.C. **5.d.1)** above shall be submitted to the Department within five days after its occurrence. The report shall describe the nature and cause of the breakdown or malfunction, the steps being taken or planned to be taken to correct the problem and prevent its reoccurrence, emergency procedures in use pending correction of the problem, and the time when the facility will again be operating in accordance with permit conditions.

Issued this 23rd day of January, 2006

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Kevin R. Neal
District Director
Southeast District

1/20/05


KRN/LAH/JRM/mas

PRIMARY & SECONDARY DRINKING WATER STANDARDS & MINIMUM CRITERIA

Updated May 6, 2002

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PRIMARY DRINKING WATER STANDARDS

PARAMETER

Alachlor (Polychlorinated Biphenyl or PCB)
Aldicarb
Aldicarb sulfoxide
Aldicarb sulfone
Aroclors (Polychlorinated Biphenyls or PCBs)
Alpha, Gross
Antimony
Arsenic
Atrazine
Barium
Benzene
Benzo(a)pyrene
Beryllium
Bis(2-ethylhexyl) adipate (Di(2-ethylhexyl) adipate)
Bis(2-ethylhexyl) phthalate (Di(2-ethylhexyl) phthalate)
Cadmium
Carbofuran
Carbon Tetrachloride (Tetrachloromethane)
Chlordane
Chlorobenzene (Monochlorobenzene)
Chloroethylene (Vinyl Chloride)
Chromium
Coliforms, Total
Cyanide
2,4-D (2,4-Dichlorophenoxyacetic acid)
Dalapon (2,2-Dichloropropionic acid)
Dibromochloropropane (DBCP)
1,2-Dibromoethane (EDB, Ethylene Dibromide)
1,2-Dichlorobenzene (o-Dichlorobenzene)
1,4-Dichlorobenzene (p-Dichlorobenzene or Para Dichlorobenzene)
1,2-Dichloroethane (Ethylene dichloride)
1,1-Dichloroethylene (Vinylidene chloride)
1,2-Dichloroethylene (cis-1,2-Dichloroethylene or trans-1,2-Dichloroethylene)
cis-1,2-Dichloroethylene (1,2-Dichloroethylene)
trans-1,2-Dichloroethylene (1,2-Dichloroethylene)
Dichloromethane (Methylene chloride)
1,2-Dichloropropane
Di(2-ethylhexyl) adipate (Bis(2-ethylhexyl) adipate)
Di(2-ethylhexyl) phthalate (Bis(2-ethylhexyl) phthalate)
Dinoseb
Diquat
EDB (Ethylene dibromide, 1,2-Dibromoethane)
Endothall
Endrin
Ethylbenzene
Ethylene dichloride (1,2-Dichloroethane)
Fluoride
Glyphosate (Roundup)
Gross Alpha
Heptachlor
Heptachlor Epoxide
Hexachlorobenzene (HCB)
gamma-Hexachlorocyclohexane (Lindane)
Hexachlorocyclopentadiene
Lead

PRIMARY & SECONDARY DRINKING WATER STANDARDS & MINIMUM CRITERIA

Updated May 6, 2002

Page 2 of 3

PRIMARY DRINKING WATER STANDARDS, CONT'D

PARAMETER

Lindane (gamma-Hexachlorocyclohexane)
Mercury
Methoxychlor
Methylene chloride (Dichloromethane)
Monochlorobenzene (Chlorobenzene)
Nickel
Nitrate (as N)
Nitrite (as N)
Total Nitrate + Nitrite (as N)
Oxamyl
p-Dichlorobenzene or Para Dichlorobenzene (1,4-Dichlorobenzene)
Pentachlorophenol
Perchloroethylene (Tetrachloroethylene)
Picloram
Polychlorinated biphenyl (PCB or Aroclors)
Radium
Roundup (Glyphosate)
Selenium
Silver
Silvex (2,4,5-TP)
Simazine
Sodium
Styrene (Vinyl benzene)
Tetrachloroethylene (Perchloroethylene)
Tetrachloromethane (Carbon Tetrachloride)
Thallium
Toluene
Toxaphene
2,4,5-TP (Silvex)
1,2,4-Trichlorobenzene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene (Trichloroethene, TCE)
Trihalomethanes, Total
Vinyl Chloride (Chloroethylene)
Xylenes (total)

SECONDARY DRINKING WATER STANDARDS

PARAMETER

Aluminum
Chloride
Color
Copper
Ethylbenzene
Fluoride
Foaming Agents (MBAS)
Iron
Manganese
Odor
pH
Silver
Sulfate
Toluene
Total Dissolved Solids (TDS)
Xylenes
Zinc

PRIMARY & SECONDARY DRINKING WATER STANDARDS & MINIMUM CRITERIA

Updated May 6, 2002

Page 3 of 3

MUNICIPAL WASTEWATER MINIMUM CRITERIA GROUND WATER MONITORING PARAMETERS

INORGANICS

Ammonia
Nitrogen (organic)
Total Kjeldahl Nitrogen
Total Phosphorus (phosphate)

VOLATILE ORGANICS

Chloroethane
Chloroform
para-Dichlorobenzene (1,4 Dichlorobenzene)
1,2-Dichloroethylene (cis-1,2-Dichloroethylene or trans-1,2-Dichloroethylene)

BASE/NEUTRAL ORGANICS

Anthracene
Butylbenzylphthalate
Dimethylphthalate
Naphthalene
Phenanthrene

PESTICIDES AND PCBs

Aldrin
Dieldrin

ACID EXTRACTABLES

2-chlorophenol
Phenol
2,4,6-trichlorophenol

OTHER

Specific Conductance
Biological Oxygen Demand
Chemical Oxygen Demand
Temperature

PROVISIONS AND CONDITIONS CONTINUED:

11. This permit and a copy of any required federal authorization/permits must be readily available for inspection while engaged in collecting and at the repository facility. An annual report detailing the number of specimens collected per species, dates and locations of collections, and final disposition of specimens must be submitted to this office by 1 February of each year. Copies of any other reports or publications, which result from the work, must also be provided upon their availability. Requests for permit renewal should be submitted at least 45 days prior to the time it is needed.

A person whose substantial interests are affected by FWC's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. A person seeking a hearing on FWC's action shall file a petition for hearing with the agency within 21 days of receipt of written notice of the decision. The petition must contain the information and otherwise comply with section 120.569, Florida Statutes, and the uniform rules of the Florida Division of Administration, chapter 28-106, Florida Administrative Code. Upon such notification, the Permittee shall cease all work authorized by this permit until the petition is resolved. The enclosed Explanation of Rights statement provides additional information as to the rights of parties whose substantial interests are or may be affected by this action.

AIW/EH/jb
LIC 6-1
WS06468a

APPENDIX 10.6.2

**FFWCC SCIENTIFIC COLLECTING/INSTITUTIONAL PERMIT
#WX06467a**



Scientific Collecting – Special Purpose

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

Division of Habitat and Species Conservation, Species Conservation Planning Section

620 South Meridian Street, Mail Station 2A, Tallahassee, Florida 32399-1600

(850) 921-5990, ext. 17310

Permittee Name: Jim Lindsay
Permittee Address: Florida Power & Light Company
Environmental Services
700 Universe Blvd.
Juno Beach, Florida 33408
(561) 691-7032

Permit No.: WX06467a
Effective Date: October 24, 2008
Expiration Date: December 31, 2011

IS AUTHORIZED TO:

Conduct the wildlife scientific collecting or educational activities in Florida, pursuant to Rules 68A-9.002, 68A-27.003 and 68A-27.003, F.A.C.

AUTHORIZED LOCATION(S): Above given address.

Permittee Signature

A handwritten signature in black ink, appearing to read "Jim Lindsay", written over a horizontal line.

Date 11-3-2008

Not valid unless signed. By signature, confirms that all information provided to issue the permit is accurate and complete, and indicates acceptance and understanding of the provisions and conditions listed below. **Any false statements or misrepresentations when applying for this permit may result in felony charges and will result in revocation of this permit.**

Authorized by: Elsa Haubold, Ph.D.,

for Kenneth D. Haddad, Executive Director

Authorizing Signature

A handwritten signature in black ink, appearing to read "Elsa Haubold", written over a horizontal line. Below the signature, the text "Species Conservation Planning Section" is printed.

Date 10/24/08

PERMIT CONDITIONS AND PROVISIONS:

1. American crocodiles (*Crocodylus acutus*) may be live-captured by nonharmful means on Florida Power and Light Company properties for mark/recapture and scientific data collection purposes. AVID microchips may be injected into captured individuals for identification purposes. Captured individuals are to be released at their perspective points of capture immediately upon effecting the marking/data collection operation. Any capture of species designated by the Fish and Wildlife Conservation Commission in Rule 68A-27, F.A.C., as endangered, threatened or species of special concern must be released immediately. Any injury and/or mortality must be reported to this office within 24 hours via fax at (850) 921-1847. Ultimate disposition will be at the discretion of the Commission.

PERMIT CONDITIONS AND PROVISIONS CONTINUED:

2. American alligators (*Alligator mississippiensis*) and Eastern indigo snakes (*Drymarchon corias couperi*) may be live-captured by nonharmful means, relocated short distances and immediately released, but only upon unexpected encounter in the course of Florida Power and Light Company construction and/or maintenance activities, and only as absolutely necessary to avoid their harm in the performance of those activities.
3. The Permittee may insert Hobotemp Dataloggers in the interior and exterior of American Crocodile nests per the Permittee's February 6, 2003 (and February 27, 2003 supplemental) application.
4. Scute samples collected from American Crocodiles may be sent to Dr. Micheal Forstner at Southwest Texas State University and Dr. Lou Densmore at Texas Tech University for DNA analysis per the Permittee's September 19, 2003 request. A copy of this permit must accompany those samples at all times.
5. The Permittee by signature above confirms that representatives of the Florida Fish and Wildlife Conservation Commission (Commission) have his/her permission as the Permittee, and that of the landowner(s) to enter on and inspect the property(ies) described in the application (herein incorporated by reference) for all reasonable purposes pertaining to applicable Commission rules.
6. This permit is in effect a amendment of permit WX06467, which expires December 31, 2009 and supercedes all previous versions does not authorize access to any public or private properties. Any required permission accordingly must be secured from the appropriate landholders prior to undertaking any work on such properties. It is nontransferable, but other qualified personnel may assist in permitted work in the absence of the Permittee's direct supervision, when those assistants are designated via letter from the Permittee to each designee, with this office provided a copy of such letter(s). This permit must be readily available for inspection at all times while engaging in the permitted activities.
7. Formally designated assistants/subpermittees are also to be in possession of your letter of authorization, a copy of this state permit and any required federal authorization/permit when working in your absence.
8. The permitted work may also require federal authorization or permit(s). A copy of such federal authorization/permit(s) must be obtained before embarking upon any of the permitted activities.
9. This permit is subject to revocation at any time pursuant to Chapter 120, Florida Statutes.

PERMIT CONDITIONS AND PROVISIONS CONTINUED:

10. A detailed report of all collecting activities pursuant to this permit must be submitted within 90 days of permit expiration or upon application for permit renewal, whichever is precedent. Copies of any other reports or publications, which result from the work, must also be provided upon their availability. Application for renewal should be made at least 45 days in advance of the date it is needed.

A person whose substantial interests are affected by FWC's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. A person seeking a hearing on FWC's action shall file a petition for hearing with the agency within 21 days of receipt of written notice of the decision. The petition must contain the information and otherwise comply with section 120.569, Florida Statutes, and the uniform rules of the Florida Division of Administration, chapter 28-106, Florida Administrative Code. Upon such notification, the Permittee shall cease all work authorized by this permit until the petition is resolved. The enclosed Explanation of Rights statement provides additional information as to the rights of parties whose substantial interests are or may be affected by this action.

AIW/EH/jb
LIC 6-20
WX06467a per
Enclosure

cc: Ms. Carmen Simonton (USFWS)
South Region

APPENDIX 10.6.3

**FFWCC MIGRATORY BIRD NEST PERMIT
#WN07311**

PERMIT

Issued Under Authority of the Wildlife Code of the State of Florida
(Title 68A, Florida Administrative Code) by the

STATE OF FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

Division of Habitat and Species Conservation, 620 South Meridian Street, Tallahassee, FL 32399-1600, (850) 921-5990, ext 17310

Permit No. WN07311 Issuance Date 20 July 2007 Expiration Date 31 July 2009
Permit Type Migratory Bird Nest Specific Rule Authority 68A-9.002 & 68A-27.005
Permittee James Lindsay Affiliation Florida Power and Light Company
Phone No. (561) 691-7032/ N/A Environmental Services
700 University Boulevard
Juno Beach, FL 33408

Signature


Not valid until signed

Date

7-24-2007

Certification: I hereby state and confirm by signature that I have received, read, understand, and agree to abide by all regulations, guidelines, and provisions regarding the issuance of this permit, and I further certify that the information submitted in this application and supporting documents is complete and accurate to the best of my knowledge and belief. I understand that any false statement herein may subject me to criminal penalties. I further state that I will abide by all applicable State, Federal, and local laws. Finally I hereby confirm by signature that representatives of the Florida Fish and Wildlife Conservation Commission (Commission) have my permission as the applicant and that of the landowner(s) to enter on and inspect the property(ies) described in the application for all reasonable purposes pertaining to applicable Commission rules. Please return a signed copy to this office.

This permit authorizes the above named Permittee to remove and replace **inactive** (i.e., containing no eggs or flightless young) nests of ospreys (*Pandion haliaetus*) and other migratory birds, pursuant to Rules 68A-9.002 and 68A-27.005 (Monroe County only), F.A.C. and the Florida Fish and Wildlife Conservation Commission Osprey Nest Removal Policies, where necessary in the process of routine facility maintenance in Florida, and subject to the following provision/conditions.

Provisions/Conditions

1. The **inactive** osprey nests situated on structures maintained by Florida Power and Light Company may be removed and replaced in association with routine facility maintenance, pursuant to the enclosed Osprey Nest Removal Policies.
2. Replacement of osprey nesting structures of comparable or better quality than the nest support structure removed or destroyed must be erected by the Permittee. The replacement nest structure shall be located in the immediate vicinity of the old nest. **Suggested** guidelines for constructing replacement osprey nest structures are enclosed, but other designs may be used if the Permittee prefers.
3. **Inactive** nests of migratory birds other than osprey may be taken without replacement.
4. This permit does not authorize removal of **active** (i.e., containing eggs or flightless young) nests of osprey or other migratory bird species. The Permittee must obtain state and federal authorization permits prior to disturbing an active nest.
5. This permit does not authorize taking of nests of state-or-federally-listed Endangered or Threatened species (i.e. species or subspecies listed as 68A-27.003, or 68A-27.004 in the Wildlife Code of the State of Florida; or at Title 50, Part 17.11, in the Code of Federal Regulations), or state-listed Species of Special Concern (species or subspecies listed at 68A-27.005 in the Wildlife Code of the State of Florida). Permits for removal of nests of these species must be secured separately. In such cases, contact the Permit Coordinator via fax at [(850) 921-1847].

PERMIT

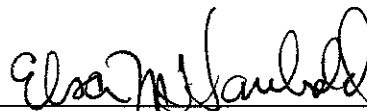
Permit No. WN07311

Provisions/Conditions Continued:

6. This permit does not authorize Permittee access to any public or private properties. In instances where written or verbal permission for access is required, such permission must be secured from the appropriate landowners or public agencies in advance of undertaking any work on those controlled properties.
7. **This permit is in effect a renewal of permit WN05247, which was issued on June 20, 2005 and supercedes all previous versions.** It is nontransferable and must be readily available for inspection at all times while engaging in the permitted activities. Other qualified personnel may assist in the permitted work in the absence of the Permittee's direct supervision, when those assistants are designated as subpermittees via a letter from the Permittee to each designee, with this office provided a copy of such letter (s).
8. Formally designated assistants/subpermittees are also to be in possession of your letter of authorization, a copy of this state permit and any required federal authorization/permit when working in your absence.
9. The Permittee by signature above confirms that representatives of the Florida Fish and Wildlife Conservation Commission (Commission) have his/her permission as the Permittee, and that of the landowner(s) to enter on and inspect the property(ies) described in the application (herein incorporated by reference) for all reasonable purposes pertaining to applicable Commission rules.
10. An annual report detailing the number of nests taken and dates and locations of such, must be submitted to this office by 30 June of each year. Such annual reports (referencing permit number) should be directed to the Permit Coordinator at the above address. This permit is subject to revocation prior to the expiration date pursuant to Chapter 120, Florida Statutes. Application for renewal should be made at least 45 days in advance of the date it is needed

A person whose substantial interests are affected by FWC's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. A person seeking a hearing on FWC's action shall file a petition for hearing with the agency within 21 days of receipt of written notice of the decision. The petition must contain the information and otherwise comply with section 120.569, Florida Statutes, and the uniform rules of the Florida Division of Administration, chapter 28-106, Florida Administrative Code. Upon such notification, the Permittee shall cease all work authorized by this permit until the petition is resolved. The enclosed Explanation of Rights statement provides additional information as to the rights of parties whose substantial interests are or may be affected by this action.

Kenneth D. Haddad
Executive Director

By: 
Elsa Haubold, Ph.D., Leader
Species Conservation Planning Section

ATW/EH/kd
LIC 6-20
WN07311.per
Enclosure

cc: All Regions

APPENDIX 10.6.4

**FFWCC MIGRATORY BIRD NEST/OSPREY
#WN08296**



Migratory Bird Nest Removal

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
Division of Habitat and Species Conservation, Species Conservation Planning Section
620 South Meridian Street, Mail Station 2A Tallahassee, Florida 32399-1600
(850) 921-5990, ext 17310

Permittee Name: James Lindsay
Permittee Address: Florida Power and Light
7200 N W. 4th Street
Plantation, FL 33317

Permit No.: WN08296
Effective Date: July 25, 2008
Expiration Date: December 31, 2010

IS AUTHORIZED TO: Remove **active** (containing eggs and/or flightless young) and **inactive** (containing no eggs or flightless young) nest(s) of osprey¹ and nonlisted migratory bird species in Florida pursuant to Rules 68A-9 002, 68A-27.005, F A C. and the Florida Fish and Wildlife Conservation Commission's (FWC) Osprey Nest Removal Policies.

AUTHORIZED LOCATION(S): Facilities and structures maintained by Florida Power and Light (FPL) statewide with the exception of Monroe County

Permittee Signature

Date 8-7-2008

Not valid unless signed By signature, confirms that all information provided to issue the permit is accurate and complete, and indicates acceptance and understanding of the provisions and conditions listed below **Any false statements or misrepresentations when applying for this permit may result in felony charges and will result in revocation of this permit.**

Authorized by: Elsa Haubold, Ph D

for Kenneth D. Haddad, Executive Director

Authorizing Signature

Species Conservation Planning Section

Date 07/25/08

PERMIT CONDITIONS AND PROVISIONS:

1. The Permittee is authorized to remove **active** osprey (except for Monroe County) and other nonlisted migratory bird nests situated on Florida Power and Light utility structures throughout Florida, in emergency situations in which the birds, eggs and/or nests, pose a safety hazard to human health and life, or places bird life at risk
2. The Permittee or his designee shall:
 - a. Make every effort to attempt to relocate the nest including any eggs or chicks which may be present to a replacement nesting structure of comparable or better quality.

¹ Ospreys are listed as a species of special concern in Monroe County. Additional authorization is required to remove any osprey in this County.

PERMIT CONDITIONS AND PROVISIONS CONTINUED:

- b. A licensed Florida wildlife rehabilitator² shall be on call to provide treatment to the chicks, in the event that the chicks abandon the nest or if the chicks must be removed from the nest during relocation. Once the relocation is complete the chicks shall be safely returned to the nest.
 - c. Monitor the adult pair's response to the relocation and removal/replacement of chicks (if warranted)
 - d. Monitor the chicks upon returning them to the nest to determine the success of the rescue effort
 - e. The Permittee must provide rehabilitation services via a licensed rehabilitation facility; including taking the chicks into captivity for medical treatment and possible surrogate rearing, in the event that the rescue effort is not feasible, proves unsuccessful or an injury to chicks occurs. The Permitting Office must be contacted within 24 hours via fax at (850) 921-1847 or email to angela.williams@myfwc.com, if the chicks are taken into captivity for rearing or medical treatment
3. The Permittee may donate any bird carcasses, nests or eggs to permitted educational or scientific facilities or properly destroy by burial or incineration.
4. Inactive osprey nests situated on facilities or structures maintained by FPL may be removed and replaced (when feasible and at the discretion of the Permittee) in association with emergency or routine maintenance
5. If replacement is deemed feasible, nesting structures of comparable or better quality than the nest support structure removed or destroyed must be erected by the Permittee. The replacement nest structure shall be located in the immediate vicinity of the old nest. Suggested guidelines for constructing replacement osprey nest structures are enclosed. But other designs may be used
6. Inactive nests of other non-listed migratory birds may be taken without replacement
7. The Permittee may donate any bird carcasses, nests or eggs to a state permitted educational or scientific facility or completely destroy them or dispose of as trash or by burial or incineration
8. This permit does not authorize taking of nests of state listed Endangered species, Threatened species or Species of Special Concern [see Titles 68A-27 003-.005, Florida Administrative Code (F.A.C.) <https://www.flrules.org/Default.asp> for complete listing of excluded species]. Permits for removal of nests of these species must be secured separately. In such cases, contact the Permit Coordinator at the address given above
9. This permit does not authorize Permittee access to any public or private properties. In instances where written or verbal permission for access is required, such permission must be secured from the appropriate landowners or public agencies in advance of undertaking any work on those controlled properties.
10. This permit is in effect an **amendment of WN07311, issued on July 20, 2007 and supersedes all**

² Contact the FWC Division of Law Enforcement at (850) 488-6253 for a list of current licensed wildlife rehabilitators.

PERMIT CONDITIONS AND PROVISIONS CONTINUED:

PERMIT NO WN08296

previous versions. It is nontransferable and a full copy must be readily available for inspection at all times while engaging in the permitted activities. Other qualified personnel may assist in permitted work in the absence of the Permittee's direct supervision, when those assistants are designated via letter from the Permittee to each designee, with this office provided a copy of such letter(s).

11. Formally designated assistants/subpermittees are also to be in possession of your letter of authorization, a copy of this state permit and required federal authorization/permit when working in your absence
12. The Permittee by signature above confirms that representatives of the Florida Fish and Wildlife Conservation Commission (Commission) have his/her permission as the Permittee, and that of the landowner(s) to enter on and inspect the property(ies) described in the application (herein incorporated by reference) for all reasonable purposes pertaining to applicable Commission rules
13. An annual report detailing the number of nests taken, dates, nest status, location and final disposition of nests, eggs or flightless young, must be submitted to this office by June 30 of each year, commencing 2009. Such annual reports (referencing the permit number) should be directed to the Permit Coordinator at the above address. Application for renewal should be accompanied by a final report and made at least 45 days in advance of the date it is needed.
14. This permit is subject to revocation prior to the expiration date pursuant to Chapter 120, Florida Statutes

A person whose substantial interests are affected by FWC's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. A person seeking a hearing on FWC's action shall file a petition for hearing with the agency within 21 days of receipt of written notice of the decision. The petition must contain the information and otherwise comply with section 120.569, Florida Statutes, and the uniform rules of the Florida Division of Administration, chapter 28-106, Florida Administrative Code. Upon such notification, the Permittee shall cease all work authorized by this permit until the petition is resolved. The enclosed Explanation of Rights statement provides additional information as to the rights of parties whose substantial interests are or may be affected by this action.

AIW/EH/atw
LIC 6-20
Enclosure

cc: South Region

APPENDIX 10.6.5

**FFWCC SCIENTIFIC COLLECTING/INSTITUTIONAL PERMIT
#WS06468a**



Scientific Collecting - Salvage

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
Division of Habitat and Species Conservation, Species Conservation Planning Section
620 South Meridian Street, Mail Station 2A, Tallahassee, Florida 32399-1600
(850) 921-5990, ext. 17310

Permittee Name: Jim Lindsay
Permittee Address: Florida Power & Light Company
Environmental Services
700 Universe Blvd.
Juno Beach, Florida 33408
(561) 691-7032

Permit No.: WS06468a
Effective Date: October 24, 2008
Expiration Date: December 31, 2011

IS AUTHORIZED TO:

Salvage, mount and display wildlife carcasses upon encounter for educational or scientific purposes in Florida, pursuant to 68A-9.002, 68A-25.002 and 68A-27 F.A.C.

AUTHORIZED LOCATION(S): Above given address.

Permittee Signature

Date 11-3-2008

Not valid unless signed. By signature, confirms that all information provided to issue the permit is accurate and complete, and indicates acceptance and understanding of the provisions and conditions listed below. **Any false statements or misrepresentations when applying for this permit may result in felony charges and will result in revocation of this permit.**

Authorized by: Elsa Haubold, Ph.D.,

for Kenneth D. Haddad, Executive Director

Authorizing Signature

Species Conservation Planning Section

Date 10/24/08

PERMIT CONDITIONS AND PROVISIONS:

1. Carcasses of wildlife, including two (2) hatchling American crocodiles (*Crocodylus acutus*), may be salvaged upon encounter and possessed (i.e. - mounted and displayed) at the above given location for scientific/educational purposes at the Florida Power and Light Turkey Point Nuclear Land Utilization Office for scientific/educational purposes. The salvage/possession of species protected by the Migratory Bird Treaty Act (16 U.S.C. 703-712), the Endangered Species Act of 1973 (16 U.S.C. 1531), the Marine Mammal Protection Act (16 U.S.C. 1361-1407) or the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d) may require federal permits/authorizations pursuant to any of those laws, as appropriate. A copy of any such federal

PROVISIONS AND CONDITIONS CONTINUED:

permit must be obtained before collecting/possessing any species so protected. Collections of species designated by the Fish and Wildlife Conservation Commission (FWC) in Rule 68A-27 003-.005, F.A.C., as endangered, threatened or species of special concern, (complete list located at <http://myfwc.com/imperiledspecies/pdf/Threatened-and-Endangered-Species-2007.pdf> (other than those referenced above) must be reported to this office within 48 hours via fax at (850) 921-1847. Final disposition of those specimens is subject to individual approval by the Commission, via an amendment to this permit.

2. Salvaged specimens may be temporarily transferred to a taxidermist or tanner for mounting or tanning provided a copy of this permit is kept with the carcass or hide at all times.
3. Wildlife specimens possessed under this permit (per Provision/Condition 1 above) may be transported for use in educational programs. This permit (or a copy) must be readily available during transport and/or educational programs.
4. The Permittee may temporarily loan the mounted specimens to other entities, provided they are in possession of a letter of authorization from the Permittee and a copy of this permit. The Permittee must maintain an inventory (i.e., who has possession and at what physical location) of parts possessed independently of these individuals.
5. This permit shall expire and the animal carcasses and other parts shall be returned to the Commission should they no longer be needed for exhibitional and/or educational purposes at the Florida Power and Light Company, or upon severance of the affiliation of the Permittee with this facility.
6. This permit is in effect an amendment of permit WS06468a, which expires December 31, 2009 and supercedes all previous versions. It does not authorize access to any public or private properties. Any required permission accordingly must be secured from the appropriate landholders prior to undertaking any work on such properties.
7. The Permittee by signature above confirms that representatives of the Florida Fish and Wildlife Conservation Commission (Commission) have his/her permission as the Permittee, and that of the landowner(s) to enter on and inspect the property(ies) described in the application (herein incorporated by reference) for all reasonable purposes pertaining to applicable Commission rules.
8. This permit is nontransferable, but other qualified personnel may assist in permitted work in the absence of the Permittee's direct supervision, when those assistants are designated via letter from the Permittee to each designee, with this office provided a copy of such letter(s). This permit must be readily available for inspection at all times while engaging in the permitted activities.
9. Formally designated assistants/subpermittees are also to be in possession of your letter of authorization, a copy of this state permit and any required federal authorization/permit when working in your absence.
10. This permit is subject to revocation at any time pursuant to Chapter 120, Florida Statutes.

PROVISIONS AND CONDITIONS CONTINUED:

11. This permit and a copy of any required federal authorization/permits must be readily available for inspection while engaged in collecting and at the repository facility. An annual report detailing the number of specimens collected per species, dates and locations of collections, and final disposition of specimens must be submitted to this office by 1 February of each year. Copies of any other reports or publications, which result from the work, must also be provided upon their availability. Requests for permit renewal should be submitted at least 45 days prior to the time it is needed.

A person whose substantial interests are affected by FWC's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. A person seeking a hearing on FWC's action shall file a petition for hearing with the agency within 21 days of receipt of written notice of the decision. The petition must contain the information and otherwise comply with section 120.569, Florida Statutes, and the uniform rules of the Florida Division of Administration, chapter 28-106, Florida Administrative Code. Upon such notification, the Permittee shall cease all work authorized by this permit until the petition is resolved. The enclosed Explanation of Rights statement provides additional information as to the rights of parties whose substantial interests are or may be affected by this action.

AIW/EH/jb
LIC 6-1
WS06468a

APPENDIX 10.6.6

**FFWCC MIGRATORY BIRD CARCASS PERMIT
#WS07667**

PERMIT

Issued Under Authority of the Wildlife Code of the State of Florida
(Title 68A, Florida Administrative Code) by the

STATE OF FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

Division of Habitat and Species Conservation 620 South Meridian Street Mail Station 2A Tallahassee FL 32399-1600 (850) 921-5990 ext 17310

Permit No. WS07667 Issuance Date 21 December 2007 Expiration Date 31 December 2010
Permit Type Scientific Collecting/Institutional Specific Rule Authority 68A-9.002; 68A-25.002; 68A-27.003-.005
Permittee James R. Lindsay Permitted Facility Florida Power and Light Company
Phone/FAX no. 561-691-7032 Environmental Services Department
700 Universe Blvd.
June Beach, FL 33408

Signature


Not valid until signed

Date 12-31-2007

Certification: I hereby state and confirm by signature that I have received, read, understand, and agree to abide by all regulations, guidelines, and provisions regarding the issuance of this permit, and I further certify that the information submitted in this application and supporting documents is complete and accurate to the best of my knowledge and belief. I understand that any false statement herein may subject me to criminal penalties. I further state that I will abide by all applicable State, Federal, and local laws. Finally I hereby confirm by signature that representatives of the Florida Fish and Wildlife Conservation Commission (Commission) have my permission as the applicant and that of the landowner(s) to enter on and inspect the property(ies) described in the application for all reasonable purposes pertaining to applicable Commission rules. Please return a signed copy to this office.

Provisions/Conditions:

1. Carcasses of non-listed wildlife may be salvaged upon encounter and possessed (i.e. - mounted and displayed) at Florida Power & Light Company - Environmental Services Department for scientific/educational purposes. The salvage/possession of species protected by the Migratory Bird Treaty Act (16 U.S.C. 703-712), the Endangered Species Act of 1973 (16 U.S.C. 1531), the Marine Mammal Protection Act (16 U.S.C. 1361-1407) or the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d) must also be federally permitted pursuant to any of those laws, as appropriate. A copy of any such federal permit must be provided this office before collecting/possessing any species so protected. Collections of species designated by the Fish and Wildlife Conservation Commission in Rule 68A-27.003-.005, F.A.C., as endangered, threatened or species of special concern must be reported to this office within 48 hours via fax at (850) 921-1847. Final disposition of those specimens is subject to individual approval by the Commission, via an amendment to this permit.
2. Salvaged specimens may be temporarily transferred to a taxidermist or tanner for mounting or tanning provided a copy of this permit is kept with the carcass or hide at all times.
3. Wildlife specimens possessed under this permit (per Provision/Condition 1 above) may be transported for use in educational programs. This permit must be readily available during transport and/or educational programs.
4. The Permittee may temporarily loan the mounted specimens to other entities, provided they are in possession of a letter of authorization from the Permittee and a copy of this permit. The Permittee must maintain an inventory (i.e., who has possession and at what physical location) of parts possessed independently of these individuals.
5. This permit shall expire and the animal carcasses and other parts shall be returned to the Commission should they no longer be needed for exhibitional and/or educational purposes at Florida Power & Light Company - Environmental Services Department, or upon severance of the affiliation of the Permittee with Florida Power & Light Company - Environmental Services Department.

PERMIT

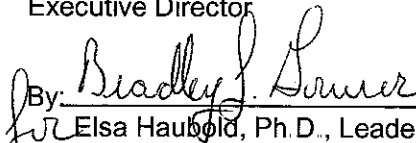
Permit No: WS07667

Provisions/Conditions Continued:

6. This permit is in effect an amendment of permit WR04246 which expires December 31, 2007. All amended conditions of the previous permit (changed or new items) are indicated by bold text. This permit does not authorize access to any public or private properties. Any required permission accordingly must be secured from the appropriate landholders prior to undertaking any work on such properties.
7. The Permittee by signature above confirms that representatives of the Florida Fish and Wildlife Conservation Commission (Commission) have his/her permission as the Permittee, and that of the landowner(s) to enter on and inspect the property(ies) described in the application (herein incorporated by reference) for all reasonable purposes pertaining to applicable Commission rules.
8. This permit is nontransferable, but other qualified personnel may assist in permitted work in the absence of the Permittee's direct supervision, when those assistants are designated via letter from the Permittee to each designee, with this office provided a copy of such letter(s). This permit must be readily available for inspection at all times while engaging in the permitted activities.
9. Formally designated assistants/subpermittees are also to be in possession of your letter of authorization, a copy of this state permit and any required federal authorization/permit when working in your absence.
10. This permit is subject to revocation at any time pursuant to Chapter 120, Florida Statutes.
11. This permit and a copy of any required federal authorization/permits must be readily available for inspection while engaged in collecting and at the repository facility. An annual report detailing the number of specimens collected per species, dates and locations of collections, and final disposition of specimens must be submitted to this office by 1 February of each year. Copies of any other reports or publications, which result from the work, must also be provided upon their availability. Requests for permit renewal should be submitted at least 45 days prior to the time it is needed.

A person whose substantial interests are affected by FWC's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. A person seeking a hearing on FWC's action shall file a petition for hearing with the agency within 21 days of receipt of written notice of the decision. The petition must contain the information and otherwise comply with section 120.569, Florida Statutes, and the uniform rules of the Florida Division of Administration, chapter 28-106, Florida Administrative Code. Upon such notification, the Permittee shall cease all work authorized by this permit until the petition is resolved. The enclosed Explanation of Rights statement provides additional information as to the rights of parties whose substantial interests are or may be affected by this action.

Kenneth D. Haddad
Executive Director

By: 
for Elsa Haubold, Ph.D., Leader
Species Conservation Planning Section

ATW/EH/efm
LIC 6-1
WS07667 per

cc: Northwest Region and South Region

APPENDIX 10.6.7

FDEP LETTER PERMIT #9311-0613-115ATN



Lawton Chiles
Governor

Florida Department of Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Virginia B. Wetherell
Secretary

February 8, 1994

Mr. Mark A. Jones, Environmental Specialist
Florida Power and Light Company
Post Office Box 088801
North Palm Beach, Florida 33408

RE: File Number: 9311-0613-115ATN
Location: Turkey Point Power Plant

Dear Mr. Jones:

The Florida Marine Patrol has amended your request for placement of aids to navigation in the Turkey Point Power Plant Channel, within Dade County.

Permit number 93-115 has been amended and reissued to Florida Power and Light Company and is subject to the following conditions:

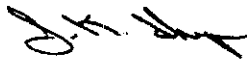
1. Permit number 93-115 is contingent upon the consent of, and if necessary, the issuance of appropriate permits by the United States Coast Guard and the United States Department of Army Corps of Engineers, authorizing the placement of structures for the support of the aids to navigation.
2. This permit requires Florida Power and Light Company to place twenty-seven (27) aids to navigation, exactly as indicated on the attached marker list. Each marker(s) shall be consistent with the Florida Uniform Waterway Marking System format as shown on the attached diagram.
3. All aids to navigation must be manufactured in accordance with your approved United States Coast Guard permit. Permit number 93-115 must be displayed on each aid to navigation at any location where it is readily visible. These numbers must be displayed in black block characters measuring at least one (1") inch in height.
4. The placement of aids to navigation shall be completed within a reasonable time after receipt of this permit. If the information for any marker(s) varies from the originally permitted marker list, Florida Power and Light Company must immediately provide this office with the corrected information. Such changes will require that this permit be amended.
5. All aids to navigation authorized under this permit must be maintained in proper condition at all times. Florida Power and Light Company must immediately report and correct any discrepancies of any marker to this office by calling 904-488-5600, extension 36 or 65, or by facsimile at 904-488-6425.

Mr. Mark A. Jones, Environmental Specialist
February 8, 1994
Page Two

6. Permit number 93-115 does not authorize the invasion of private rights, nor grant any exclusive privileges, nor does it obviate the necessity of complying with any other state, federal, or local laws and regulations.
7. By accepting permit number 93-115 and placement of the aids to navigation, Florida Power and Light Company does hereby, to the extent authorized by law, agree and promise to hold harmless the State of Florida, its employees, agents or successors, from fault with respect to any claim or claims arising from alleged negligence in the placement, maintenance, operation, and removal of any and all markers placed by Florida Power and Light Company pursuant to this permit. Florida Power and Light Company further agrees to indemnify the State of Florida for any and all legal fees and costs incurred in defense of any suit brought against the State as a result of alleged negligence by Florida Power and Light Company in the placement, maintenance, operation, or removal of the aids to navigation.
8. Violation of any provision of this permit shall result in the revocation of the authorization to place uniform waterway markers in, on, or above the waters of this state.

If you have any questions, please contact Tara Alford or Vicki Flannagan at 904-488-5600, extensions 36 or 65.

Sincerely,



Major J. K. Thompson
Office of Waterway Management
Florida Marine Patrol

JKI/tra

Attachment

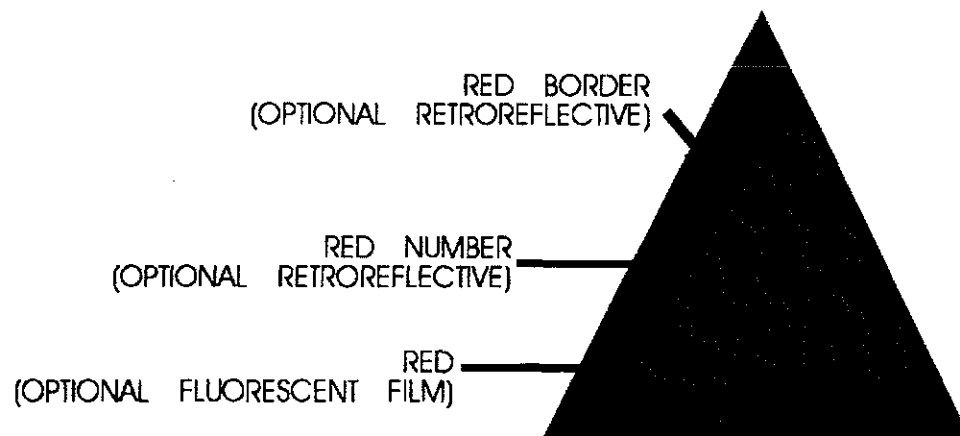
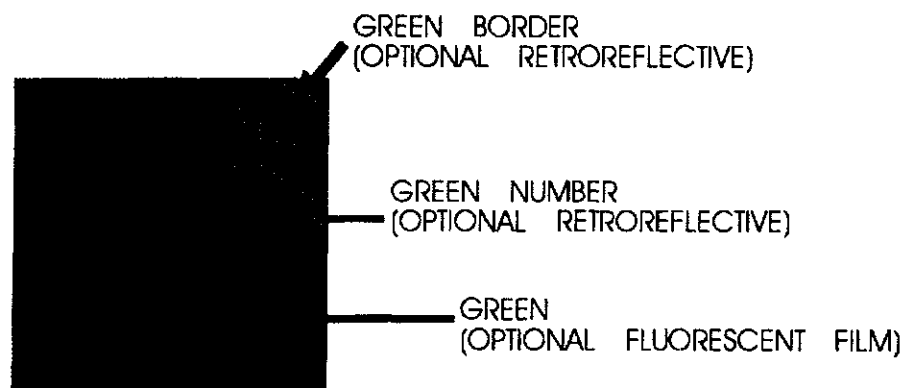
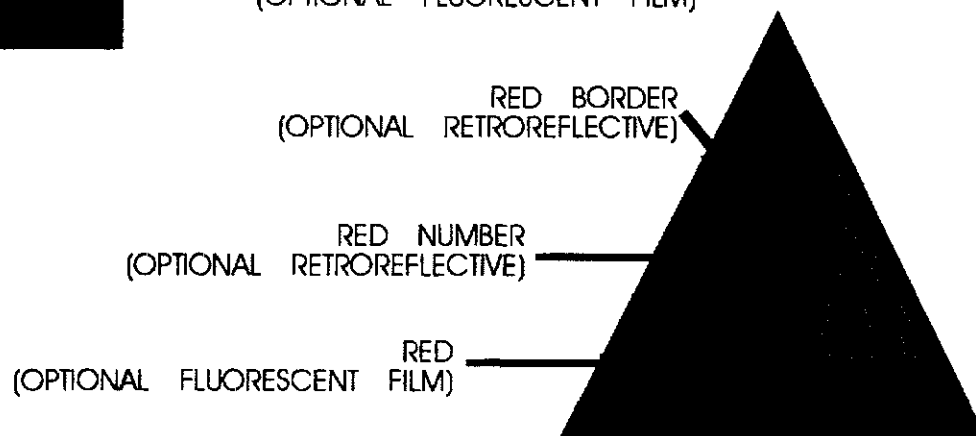
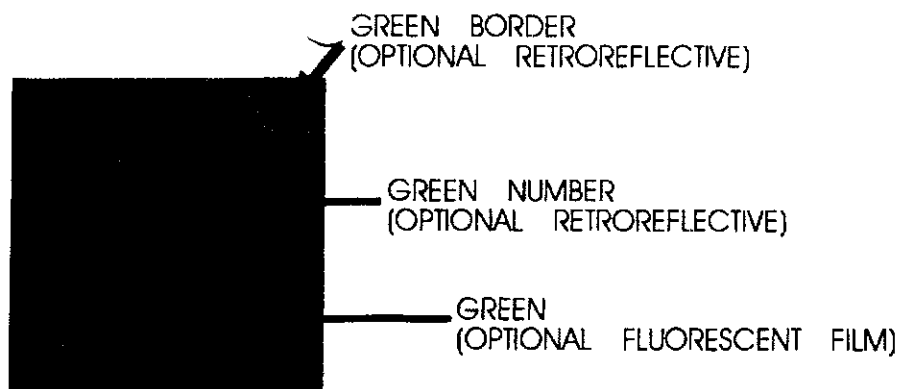
cc: Captain Brian Hadler, USCG
Mr. Bertil Heimer, USDOA
Lieutenant Colonel L. W. Shelfer, FMP
Major K. B. Clark, FMP

TURKEY3:BSI

NOTICE OF RIGHTS

A party to this proceeding has the right to request review of this order by the Governor and Cabinet, sitting as the Land and Water Adjudicatory Commission, in accordance with section 3, Chapter 93-213, Laws of Florida. To initiate such a review, your request must be filed within twenty (20) days of the date of this order with any member of the Land and Water Adjudicatory Commission at the Capitol, Tallahassee, Florida 32399-0001, or with the Secretary of the Commission at the Carlton Building, Room 213, Tallahassee, Florida 32399-8047. A copy of the request must also be served on both the Department of Environmental Protection, Agency Clerk, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399, and on any person named in this order, within 20 days from the date of this order if the request for review is to be effective.

NO.	LAT/LONG	SITE	LOCATION	MOUNTING	DIRECTION	SYMBOL	WORDAGE
1	252814/801705	Bay/Sound	Water	Piling/Pole			WHITE LIGHT (2)
2	252757/801721	Bay/Sound	Water	Buoy			GREEN DAY MARK 3
3	252758/801722	Bay/Sound	Water	Buoy			RED DAY MARK 4
4	252749/801733	Bay/Sound	Water	Buoy			GREEN DAY MARK 3A
5	252750/801734	Bay/Sound	Water	Buoy			RED DAY MARK 4A
6	252741/801744	Bay/Sound	Water	Buoy			GREEN DAY MARK 5
7	252742/801744	Bay/Sound	Water	Buoy			RED DAY MARK 6
8	252733/801755	Bay/Sound	Water	Buoy			GREEN DAY MARK 7
9	252734/801755	Bay/Sound	Water	Buoy			RED DAY MARK 8
10	252726/801805	Bay/Sound	Water	Buoy			GREEN DAY MARK 9
11	252727/801806	Bay/Sound	Water	Buoy			RED DAY MARK 10
12	252718/801816	Bay/Sound	Water	Buoy			GREEN DAY MARK 11
13	252719/801817	Bay/Sound	Water	Buoy			RED DAY MARK 12
14	252710/801827	Bay/Sound	Water	Buoy			GREEN DAY MARK 13
15	252711/801828	Bay/Sound	Water	Buoy			RED DAY MARK 14
16	252703/801838	Bay/Sound	Water	Buoy			GREEN DAY MARK 15
17	252703/801839	Bay/Sound	Water	Buoy			RED DAY MARK 16
18	252655/801849	Bay/Sound	Water	Buoy			GREEN DAY MARK 17
19	252655/801850	Bay/Sound	Water	Buoy			RED DAY MARK 18
20	252647/801900	Bay/Sound	Water	Buoy			GREEN DAY MARK 19
21	252647/801801	Bay/Sound	Water	Buoy			RED DAY MARK 20
22	252639/801911	Bay/Sound	Water	Buoy			GREEN DAY MARK 21
23	252640/801912	Bay/Sound	Water	Buoy			RED DAY MARK 22
24	252631/801922	Bay/Sound	Water	Buoy			GREEN DAY MARK 23
25	252632/801923	Bay/Sound	Water	Buoy			RED DAY MARK 24
26	252624/801933	Bay/Sound	Water	Buoy			GREEN DAY MARK 25
27	252624/801934	Bay/Sound	Water	Buoy			RED DAY MARK 26



****MINIMUM SIGN SIZE = 18 inches**

APPENDIX 10.6.8
FDEP DOMESTIC WASTEWATER TREATMENT FACILITY
PERMIT #FLA 013612-002-DW3P



Department of Environmental Protection

Jeb Bush
Governor

Southeast District
400 N. Congress Avenue, Suite 200
West Palm Beach, Florida 33401

Colleen M. Castille
Secretary

January 18, 2006 ELECTRONIC CORRESPONDENCE

In the Matter of an
Application for Permit by:

FPL, Turkey Point Power Plant
Mr. Dan J. Poirier
Maintenance Manager
9760 S.W. 44 Street
Florida City, FL 33035
EMAIL: dan_poirier@fpl.com

PA File No. FLA013612-002-DW3P
Miami-Dade County
Florida Power & Light Turkey Point Power Plant
WWTF/Permit Renewal

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA013612 to operate an existing domestic wastewater treatment facility, issued under Florida Administrative Code Chapters 62-600, 62-601, 62-602, 62-620, 62-640 and 62-699 and Florida Statute Chapter 403..

Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the Permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Under Rule 62-110.106(4), Florida Administrative Code, a person may request enlargement of the time for filing a petition for an administrative hearing. The request must be filed (received by the clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for enlargement of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another

party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by Rule 28-106.404, Florida Administrative Code. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

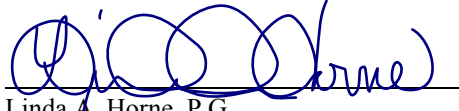
As provided in Section 120.573, Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, Florida Statutes, for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under Sections 120.569 and 120.57, Florida Statutes. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57, Florida Statutes, remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition (or request for enlargement of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for enlargement of time) this permit will not be effective until further order of the Department.

Any party to this permit has the right to seek judicial review under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit is filed with the clerk of the Department.

Executed in West Palm Beach, FL, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Linda A. Horne, P.G.
Water Facilities Administrator

LAH/TP/mwb

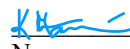
FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated deputy clerk, receipt of which is hereby acknowledged.

  1/18/06
Clerk Date

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were emailed before the close of business on January 18, 2006 to the listed persons.

 
Name

1/18/06
Date

ec: Todd Brown, DEP/WPB, Todd.Brown@dep.state.fl.us
Mark Peters, DEP/WPB, Marc.Peters@dep.state.fl.us
Jose Lopex, DERM, LopezJ@miamidade.gov
Linda M. Bell, Civil Works, Inc., cwi@civilworks.com
Bob Bertelson, FP&L/Turkey Point, bob_bertelson@fpl.com

**FACT SHEET
FOR
STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT**

January 18, 2006

PERMIT NUMBER: FLA013612 002-DW3P

FACILITY NAME: Florida Power & Light Turkey Point Power Plant
WWTF

FACILITY LOCATION: Florida City
Miami-Dade County

NAME OF PERMITTEE: FP&L, Turkey Point Power Plant

PERMIT WRITER: Michael W. Bechtold, P.E.

1. SYNOPSIS OF APPLICATION

a. Chronology of Application

Application Date: August 2, 2005
Additional Information: October 12, 2005
Public Notice Date: N/A

b. Type of Facility

Domestic Wastewater Treatment Plant
Privately-owned treatment works
Standard Industrial Classification Code: 4952

c. Facility Capacity

Existing Design Capacity:	0.035	mgd	MADF
Proposed Increase in Design Capacity:	0.0	mgd	MADF
Proposed Total Design Capacity:	0.035	mgd	MADF
Existing Permitted Capacity:	0.035	mgd	MADF
Proposed Increase in Permitted Capacity:	0.0	mgd	MADF
Proposed Total Permitted Capacity:	0.035	mgd	MADF

The facility is located at a nuclear power plant. The Latitude and Longitude are not included in the permit due to federal requirements.

2. BASIS FOR EFFLUENT AND RECLAIMED WATER LIMITS AND MONITORING REQUIREMENTS (INCLUDING EFFLUENT MONITORING REQUIREMENTS)

The following table provides the basis for Part I. A. provisions.

UIC System U-01 (Class V wells to Class G-III waters):

Parameter	Limit	Basis	Rationale
Flow (mgd)	0.035	Monthly Average	62-600.400(3)(b) FAC
BOD, Carbonaceous 5 day, 20C (mg/L)	20.0	Annual Average	403.085(2) & .086(1)(b) FS & 62-600.740(1)(b)1.a. FAC
	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
	60.0	Single Sample Max.	62-600.740(1)(b)1.d. FAC
Solids, Total Suspended (mg/L)	20.0	Annual Average	62-600.540(1) & 62-600.740(1)(b)1.a. FAC
	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
	60.0	Single Sample Max.	62-600.740(1)(b)1.d. FAC
pH (su)	6.0 to 8.5	Minimum and Maximum	62-600.445 FAC

The following table provides the basis for Part I. B. provisions.

Other Limitations and Monitoring Requirements:

Parameter	Limit	Basis	Rationale
BOD, Carbonaceous 5 day, 20C (mg/L)	Report	Monthly Average	62-601.300(1)FAC
Solids, Total Suspended (mg/L)	Report	Monthly Average	62-601.300(1)FAC
Flow (mgd)	0.035	Monthly Average	62-600.400(3)(b)FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100 (PERCENT)	Report	Monthly Average	62-600.405(4) FAC
Monitoring Frequency and Sample Type	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Location	-	All Parameters	62-601, 62-610.412, 62-610.463(1), 62- 610.568, 62-610.613 FAC and/or BPJ of permit writer

3. RESIDUALS MANAGEMENT

The method of residuals use or disposal by this facility are transport to Miami-Dade, South District Wastewater Treatment Plant, or disposal in a Class I or II solid waste landfill.

4. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Rules 62-601 and 62-522, F.A.C.

5. SCHEDULES FOR IMPROVEMENT ACTIONS, CONSTRUCTION, AND ENGINEERING STUDIES

The following improvement actions shall be completed according to the following schedule:

Improvement Action		Completion Date
1	The steel tanks shall be renovated to eliminate metal corrosion	January 1, 2007

The metal tanks have signs of corrosion. When the power plant is taken out of service for periodical maintenance, tanks in need of repair will be taken out of service to make the repairs. The wastewater treatment plant will not be required to be completely taken out of service. This permit does not authorize the plant to be completely taken out of service and raw wastewater hauled to another plant. If the Permittee wants to do this, a report must be submitted showing no other way to make the repairs are possible except to take the entire plant out of service.

6. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

7. APPLICABLE RULES

The following were used as the basis of the permit limitations/conditions:

a.	FAC refers to various portions of the Florida Administrative Code. The effective date of FAC Rule Chapter Numbers 62-4, 62-302, 62-520, 62-550, 62-600, 62-601, 62-602, 62-610, 62-620, 62-640, 62-650 and 62-699 are the last effective date of the rule prior to the date of this FACT Sheet
b.	FS refers to various portions of the Florida Statutes
c.	CFR refers to various portions of the Code of Federal Regulations, Title 40
d.	BPJ refers to Best Professional Judgment

8. DEPARTMENT CONTACT

Additional information concerning the permit may be obtained during normal business hours from:

Michael W. Bechtold, P.E.
Department's Southeast District Office
400 North Congress Avenue, Suite 200
West Palm Beach, FL, FL 33401 -
Telephone Number: (561) 681-6600
Fax Number: (561) 681-6760

9. THE ADMINISTRATIVE RECORD

The administrative record including application, , fact sheet and additional information is available for public inspection during normal business hours at the location specified in item 8.

10. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Agency Action (Notice of Permit): January 18, 2006

Proposed Effective Date of Permit : January 18, 2006

11. PROCEDURES FOR THE FORMULATION OF FINAL DECISION ON PERMIT ISSUANCE

Issuance of the Permit

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. If an administrative hearing is convened, final agency action will be based on the outcome of the hearing.

Administrative Hearing

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes, or all parties may reach a written agreement on mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for pursuing mediation.

An administrative hearing is an evidentiary proceeding in which evidence is presented by testimony and exhibits before an independent hearing officer. The result of an administrative hearing is the issuance of the hearing officer's recommended order to the Department, including the hearing officer's findings of fact, based on the evidence presented at the hearing. The Department will issue a final order, granting or denying the permit, based on the hearing officer's recommended order.

The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any other person must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department's permit identification number and the county in which the subject matter or activity is located;
- (b) a statement of how and when each petitioner received notice of the Department's action;
- (c) a statement of how each petitioner's substantial interests are affected by the department's action;
- (d) a statement of the material facts disputed by the petitioner, if any;
- (e) a statement of facts that the petitioner contends warrant reversal or modification of the Department's action;
- (f) a statement of which rules or statutes the petitioner contends require reversal or modification of the Department's action; and

(g) and a statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any person may elect to pursue mediation by reaching a mediation agreement with all parties to the proceeding (which includes the Department and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) the names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) the name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) the agreed allocation of the costs and fees associated with the mediation;
- (d) the agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) the date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) the name of each party's representative who shall have authority to settle or recommend settlement;
- (g) either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this action or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference; and
- (h) the signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by section 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under section 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

This action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for mediation) is filed in accordance with the above. Upon the timely filing of a petition (or request for mediation) this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.



Department of Environmental Protection

Jeb Bush
Governor

Southeast District
400 N. Congress Avenue, Suite 200
West Palm Beach, Florida 33401

Colleen M. Castille
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

FP&L, Turkey Point Power Plant

PERMIT NUMBER:

FLA013612

PA FILE NUMBER:

FLA013612-002-DW3P

ISSUANCE DATE:

January 18, 2006

EXPIRATION DATE:

January 17, 2011

RESPONSIBLE AUTHORITY:

Mr. Dan J. Poirier
Maintenance Manager
9760 S.W. 44 Street
Florida City, FL 33035

(305) 246-7496

FACILITY:

Florida Power & Light Turkey Point Power Plant WWTF
9760 S.W. 344 Street
Florida City, FL 33035
Miami-Dade County

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). The above named Permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.035 mgd Contact Stabilization sewage treatment facility consisting of a sewage collection/transmission system containing a sewage lift station with two submersible pumps, anoxic/denitrification flow equalization, two flow equalization tanks, two aerobic digestors, two aeration tanks, secondary clarifier system, two tertiary filters, filter backwash system, flow meter, two air blowers, chlorine contact tank, gas chlorine disinfection system

DISPOSAL:

Underground Injection: An existing 0.035 mgd monthly average daily flow (MADF) permitted capacity underground gravity injection well system U-01 consisting of one (1) Class V underground injection wells permitted under Department permit number(s) UO 13-277655 discharging to Class G-III ground water. Underground injection well system U-01 is located approximately at latitude 25° 25' 58" N, longitude 80° 19' 59" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 14 of this permit.

FACILITY: Florida Power & Light Turkey Point Power Plant WWTF
 PERMITTEE: FP&L, Turkey Point Power Plant

PERMIT NUMBER: FLA013612

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Underground Injection Control Systems

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to discharge effluent to Underground Injection Well Facility U-01 located at In the wastewater treatment facility area. Such discharge shall be limited and monitored by the Permittee as specified below and reported in accordance with condition I.B.7:

			Effluent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mgd	Maximum	-	0.035	-	-	5 Days/Week	Recording flow meters and totalizers	EFA-1	See Cond.I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Maximum	20.0	30.0	45.0	60.0	Monthly	Grab	EFA-2	
Solids, Total Suspended	mg/L	Maximum	20.0	30.0	45.0	60.0	Monthly	Grab	EFA-2	
pH	su	Range	-	-	-	6.0 to 8.5	5 Days/Week	Grab	EFA-2	
Coliform, Fecal	See Permit Condition I.A.4.						Monthly	Grab	EFA-2	
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	0.5	5 Days/Week	Grab	EFA-2	See Cond.I.A.5

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2. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-1	Recorder/Totalizer on chlorine contact tank effluent weir
EFA-2	Prior to gravity injection well

3. Recording flow meter and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of effluent sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of effluent each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. *[62-600.440(4)(c)]*
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-600.440(4)(b)]*

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B. Other Limitations and Monitoring and Reporting Requirements

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the Permittee as specified below and reported in accordance with condition I.B.7:

			Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
BOD, Carbonaceous 5 day, 20C	mg/L	Maximum	-	Report	-	-	Monthly	Grab	INF-1	See Cond.I.B.3
Solids, Total Suspended	mg/L	Maximum	-	Report	-	-	Monthly	Grab	INF-1	See Cond.I.B.3
Flow	mgd	Maximum	-	0.035	-	-	5 Days/Week	Meter	INF-1	See Cond.I.B.3, 4
Percent Capacity, (TMADF/Permitted Capacity) x 100	PERCENT	Maximum	-	Report	-	-	Monthly	Calculated	-	

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

Monitoring Location Site Number	Description of Monitoring Location
INF-1	Influent pump station

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. Elapse Time meter shall be utilized to measure flow and flow rate shall be calibrated at least annually. [62-601.200(17) and .500(6)]
5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR (Code of Federal Regulations) Part 136. All monitoring shall be representative of the monitored activity. [62-620.320(6)]
6. The Permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
7. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the Permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the Permittee shall complete and submit to the Department's Southeast District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

REPORT Type	Monitoring Period	Due Date
Monthly or Toxicity	first day of month – last day of month	28 th day of following month
Quarterly	January 1 - March 31 April 1 – June 30 July 1 – September 30 October 1 – December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 – June 30 July 1 – December 31	July 28 January 28
Annual	January 1 – December 31	January 28

DMRs shall be submitted for each required monitoring period including months of no discharge. The Permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Southeast District Office at the address specified in Permit Condition I. B. 8 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

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8. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southeast District Office at the address specified below:

Southeast District Office
400 North Congress Avenue
Suite 200
West Palm Beach, Florida 33401

Phone Number - (561) 681-6600
FAX Number - (561) 681-6760

Original copies shall follow all FAX copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Miami-Dade, South District Wastewater Treatment Plant or disposal in a Class I or II solid waste landfill.
2. The Permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The Permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
5. If the Permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
6. The Permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

Source Facility	Residuals Management Facility or Treatment Facility
1. Date and Time Shipped	1. Date and Time Received
2. Amount of Residuals Shipped	2. Amount of Residuals Received
3. Degree of Treatment (if applicable)	3. Name and ID Number of Source Facility
4. Name and ID Number of Residuals Management Facility or Treatment Facility	4. Signature of Hauler
5. Signature of Responsible Party at Source Facility	5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility
6. Signature of Hauler and Name of Hauling Firm	

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The Permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4)]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Construction Requirements

Section Construction Requirements is not applicable to this facility.

Operational Requirements

Section Operational Requirements is not applicable to this facility.

1. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4)]*
2. Ground water monitoring for U-01 shall be in accordance with permit number(s) UO 13-277655 or subsequent underground injection well permits.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Section IV is not applicable to this facility.

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week and one weekend visit. The lead operator must be a Class C operator, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*
5. The Permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;

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- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

Improvement Action		Completion Date
1	The steel tanks shall be renovated to eliminate metal corrosion.	January 1, 2007

[62-600.735(1)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

VIII. OTHER SPECIFIC CONDITIONS

1. The Permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C. [62-620.335(1)-(4)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility.
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the Permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]

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6. The operating authority of a collection/transmission system and the Permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health or safety problems.

[62-604.130(5)]

7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-600.400(2)(b)]*
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
9. The Permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery. *[62-4.070(3)]*
10. The Permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval

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of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the Permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the Permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The Permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the Permittee wishes to continue an activity regulated by this permit after its expiration date, the Permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The Permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the Permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The Permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the Permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9)]*
10. In accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the Permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The Permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the Permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

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12. Unless specifically stated otherwise in Department rules, the Permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the Permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The Permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The Permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The Permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2) for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The Permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The Permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17)]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the Permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.

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- f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
20. The Permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the Permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the Permittee becomes aware of the discharge. The Permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of Permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
 2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the Permittee becomes aware of the circumstances.

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- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The Permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a Permittee for bypass, unless the Permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The Permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the Permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The Permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the Permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A Permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions

- a. A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the Permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The Permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The Permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the Permittee.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

FACILITY: Florida Power & Light Turkey Point Power Plant WWTF
PERMITTEE: FP&L, Turkey Point Power Plant

PERMIT NUMBER: FLA013612

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Linda A. Horne, P.G.
Water Facilities Administrator

DATE: January 18, 2006

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Southeast District, 400 North Congress Avenue, Suite 200, West Palm Beach, FL, 33401

PERMITTEE NAME: FP&L, Turkey Point Power Plant
MAILING ADDRESS: 9760 S.W.44 Street
Florida City, FL 33035

PERMIT NUMBER FLA013612

LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: Florida Power &Light Turkey Point Power Plant WWTF
LOCATION: 9760 S.W. 344 Street
Florida City, FL 33035

MONITORING GROUP NUMBER: U-01
MONITORING GROUP DESC: Disposal well discharge, including Influent

COUNTY: Miami-Dade

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 A Mon. Site No. EFA-1	Permit Requirement	0.035 (Mo. Avg.)	Report (3-Mo.Avg.)	mgd						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-2	Permit Requirement				20.0 (An. Avg.)			mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-2	Permit Requirement				Report (Mo. Avg.)	60.0 (Max.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFA-2	Permit Requirement				20.0 (An. Avg.)			mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-2	Permit Requirement				Report (Mo. Avg.)	60.0 (Max.)		mg/L		Monthly	Grab
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-2	Permit Requirement				6.0 (Min.)	8.5 (Max.)		su		5 Days/Week	Grab

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.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Florida Power &Light Turkey Point Power Plant WWTF

MONITORING GROUP

U-01

PERMIT NUMBER: FLA013612

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon. Site No. EFA-2	Permit Requirement				200 (An. Avg.)			#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-2	Permit Requirement				Report (Mo. Geo. Mean)	800 (Max.)		#/100mL		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-2	Permit Requirement				0.5 (Min.)			mg/L		5 Days/Week	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 P Mon. Site No. INF-1	Permit Requirement							mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)			mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)			mg/L		Monthly	Grab
Flow	Sample Measurement										
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.035 (Mo. Avg.)	Report (3-Mo.Avg.)	mgd						5 Days/Week	Meter
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 Mon. Site No.	Permit Requirement				Report			PER-CENT		Monthly	Calculated
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA013612 Facility: Florida Power &Light Turkey Point Power Plant WWTF
Monitoring Period From: _____ To: _____

	Flow (mgd)	CBOD5 (mg/L)	Fecal Coliform Bacteria (#/100mL)	pH (su)	TSS (mg/L)	TRC (For Disinfect.) (mg/L)	CBOD5 (mg/L)	Flow (mgd)	TSS (mg/L)		
Code	50050	80082	74055	00400	00530	50060	80082	50050	00530		
Mon. Site	EFA-1	EFA-2	EFA-2	EFA-2	EFA-2	EFA-2	INF-1	INF-1	INF-1		
1											
2											
3											
4											
5											
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26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator	Class: _____	Certificate No: _____	Name: _____
Evening Shift Operator	Class: _____	Certificate No: _____	Name: _____
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____
Lead Operator	Class: _____	Certificate No: _____	Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions as well as the SUPPLEMENTAL INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the Permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

Add the results to get the Total and divide by the number of days in the month to get the Monthly Average.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (mgd).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

APPENDIX 10.6.9

**SFWMD WATER WELL ABANDONMENTS
#SF092308E-H**



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CON 24-06

February 2, 2009

PERMITTEE

FLORIDA POWER & LIGHT COMPANY
9700 SW 344 STREET
FLORIDA CITY, FL 33034

CONTRACTOR

LUBRANO, ANTHONY
9730 E. HIBISCUS STREET
MIAMI, FL 33157
LICENSE NO:2928

WATER WELL ABANDONMENT PERMIT #SF092308E
EXPIRATION DATE: August 02, 2009

PROJECT: TURKEY POINT TEST WELL PW7U (MODIFICATION-CONTRACTOR CHANGE)
TYPE OF USE: TEST
COUNTY: MIAMI-DADE SEC: 34 TWP: 57 RGE: 40

WELL ABANDONMENT SPECIFICATIONS:	INNER	OUTER
CASING DIAMETER	30"	
CASING DEPTH:	20.00'	
SCREENED INTERVAL:		
OPEN HOLE INTERVAL	20' - 50'	
TOTAL DEPTH OF WELL:	50.00'	
GROUT REQUIREMENT		
Inner casing shall be grouted bottom to top.		

See additional conditions of permit on attached sheet.

We appreciate your assistance and cooperation in better managing the water resources of the District.
If you have any questions on this matter, please call Ann-Marie Superchi at extension 6929.

Sincerely,

A handwritten signature in cursive script, reading "Ann Marie Superchi".

Ann Marie Superchi, Well Permitting
Water Use Division
South Florida Water Management District

Attachment: Additional Conditions of Permit

c: MIAMI-DADE COUNTY HEALTH DEPT. WELL PERMITTING

TURKEY POINT TEST WELL PW7U (MODIFICATION-CONTRACTOR CHANGE)
February 2, 2009

ADDITIONAL CONDITIONS OF PERMIT

COMPLETION REPORT REQUIRED

A Water Well Completion Report (Form 0124) must be filed with the District within 30 days of completion of work.

WELL ABANDONMENT REQUIREMENT

THIS WELL MUST BE PLUGGED FROM BOTTOM TO TOP WITH EITHER NEAT CEMENT GROUT OR BENTONITE.

bc: WU Permit # N/A
DAY FILE
PERMIT FILE



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CON 24-06

February 2, 2009

PERMITTEE

FLORIDA POWER & LIGHT COMPANY
9700 SW 344 STREET
FLORIDA CITY, FL 33034

CONTRACTOR

LUBRANO, ANTHONY
9730 E. HIBISCUS STREET
MIAMI, FL 33157
LICENSE NO:2928

WATER WELL ABANDONMENT PERMIT #SF092308F
EXPIRATION DATE: August 02, 2009

PROJECT: TURKEY POINT TEST WELL PW6U (MODIFICATION-CONTRACTOR CHANGE)
TYPE OF USE: TEST
COUNTY: MIAMI-DADE SEC: 34 TWP: 57 RGE: 40

WELL ABANDONMENT SPECIFICATIONS:	INNER	OUTER
CASING DIAMETER	30"	
CASING DEPTH:	20.00'	
SCREENED INTERVAL:		
OPEN HOLE INTERVAL	20' – 50'	
TOTAL DEPTH OF WELL:	50.00'	
GROUT REQUIREMENT		
Inner casing shall be grouted bottom to top.		

See additional conditions of permit on attached sheet.

We appreciate your assistance and cooperation in better managing the water resources of the District.
If you have any questions on this matter, please call Ann-Marie Superchi at extension 6929.

Sincerely,

A handwritten signature in cursive script that reads "Ann Marie Superchi".

Ann Marie Superchi, Well Permitting
Water Use Division
South Florida Water Management District

Attachment: Additional Conditions of Permit

c: MIAMI-DADE COUNTY HEALTH DEPT. WELL PERMITTING

TURKEY POINT TEST WELL PW6U (MODIFICATION-CONTRACTOR CHANGE)
February 2, 2009

ADDITIONAL CONDITIONS OF PERMIT

COMPLETION REPORT REQUIRED

A Water Well Completion Report (Form 0124) must be filed with the District within 30 days of completion of work.

WELL ABANDONMENT REQUIREMENT

THIS WELL MUST BE PLUGGED FROM BOTTOM TO TOP WITH EITHER NEAT CEMENT GROUT OR BENTONITE.

bc: WU Permit # N/A
DAY FILE
PERMIT FILE



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CON 24-06

February 2, 2009

PERMITTEE

FLORIDA POWER & LIGHT COMPANY
9700 SW 344 STREET
FLORIDA CITY, FL 33034

CONTRACTOR

LUBRANO, ANTHONY
9730 E. HIBISCUS STREET
MIAMI, FL 33157
LICENSE NO:2928

WATER WELL ABANDONMENT PERMIT #SF092308G
EXPIRATION DATE: August 02, 2009

PROJECT: TURKEY POINT TEST WELL PW6L (MODIFICATION-CONTRACTOR CHANGE)
TYPE OF USE: TEST
COUNTY: MIAMI-DADE SEC: 34 TWP: 57 RGE: 40

WELL ABANDONMENT SPECIFICATIONS:	INNER	OUTER
CASING DIAMETER	30"	
CASING DEPTH:	60.00'	
SCREENED INTERVAL:		
OPEN HOLE INTERVAL	60' - 90'	
TOTAL DEPTH OF WELL:	90.00'	
GROUT REQUIREMENT		

Inner casing shall be grouted bottom to top.

See additional conditions of permit on attached sheet.

We appreciate your assistance and cooperation in better managing the water resources of the District.
If you have any questions on this matter, please call Ann-Marie Superchi at extension 6929.

Sincerely,

A handwritten signature in cursive script that reads "Ann Marie Superchi".

Ann Marie Superchi, Well Permitting
Water Use Division
South Florida Water Management District

Attachment: Additional Conditions of Permit

c: MIAMI-DADE COUNTY HEALTH DEPT. WELL PERMITTING

TURKEY POINT TEST WELL PW6L (MODIFICATION-CONTRACTOR CHANGE)
February 2, 2009

ADDITIONAL CONDITIONS OF PERMIT

COMPLETION REPORT REQUIRED

A Water Well Completion Report (Form 0124) must be filed with the District within 30 days of completion of work.

WELL ABANDONMENT REQUIREMENT

THIS WELL MUST BE PLUGGED FROM BOTTOM TO TOP WITH EITHER NEAT CEMENT OR BENTONITE.

bc: WU Permit # N/A
DAY FILE
PERMIT FILE



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CON 24-06

February 2, 2009

PERMITTEE

FLORIDA POWER & LIGHT COMPANY
9700 SW 344 STREET
FLORIDA CITY, FL 33034

CONTRACTOR

LUBRANO, ANTHONY
9730 E. HIBISCUS STREET
MIAMI, FL 33157
LICENSE NO:2928

WATER WELL ABANDONMENT PERMIT #SF092308H
EXPIRATION DATE: August 02, 2009

PROJECT: TURKEY POINT TEST WELL PW7L (MODIFICATION-CONTRACTOR CHANGE)

TYPE OF USE: TEST

COUNTY: MIAMI-DADE SEC: 34 TWP: 57 RGE: 40

WELL ABANDONMENT SPECIFICATIONS:	INNER	OUTER
CASING DIAMETER	30"	
CASING DEPTH:	60.00'	
SCREENED INTERVAL:		
OPEN HOLE INTERVAL	60' - 90'	
TOTAL DEPTH OF WELL:	90.00'	
GROUT REQUIREMENT		

Inner casing shall be grouted bottom to top.

See additional conditions of permit on attached sheet.

We appreciate your assistance and cooperation in better managing the water resources of the District.
If you have any questions on this matter, please call Ann-Marie Superchi at extension 6929.

Sincerely,

Ann Marie Superchi, Well Permitting
Water Use Division
South Florida Water Management District

Attachment: Additional Conditions of Permit

c: MIAMI-DADE COUNTY HEALTH DEPT. WELL PERMITTING

TURKEY POINT TEST WELL PW7L (MODIFICATION-CONTRACTOR CHANGE)
February 2, 2009

ADDITIONAL CONDITIONS OF PERMIT

COMPLETION REPORT REQUIRED

A Water Well Completion Report (Form 0124) must be filed with the District within 30 days of completion of work.

WELL ABANDONMENT REQUIREMENT

THIS WELL MUST BE PLUGGED FROM BOTTOM TO TOP WITH EITHER NEAT CEMENT GROUT OR BENTONITE.

bc: WU Permit # N/A
DAY FILE
PERMIT FILE