

Exhibit A:

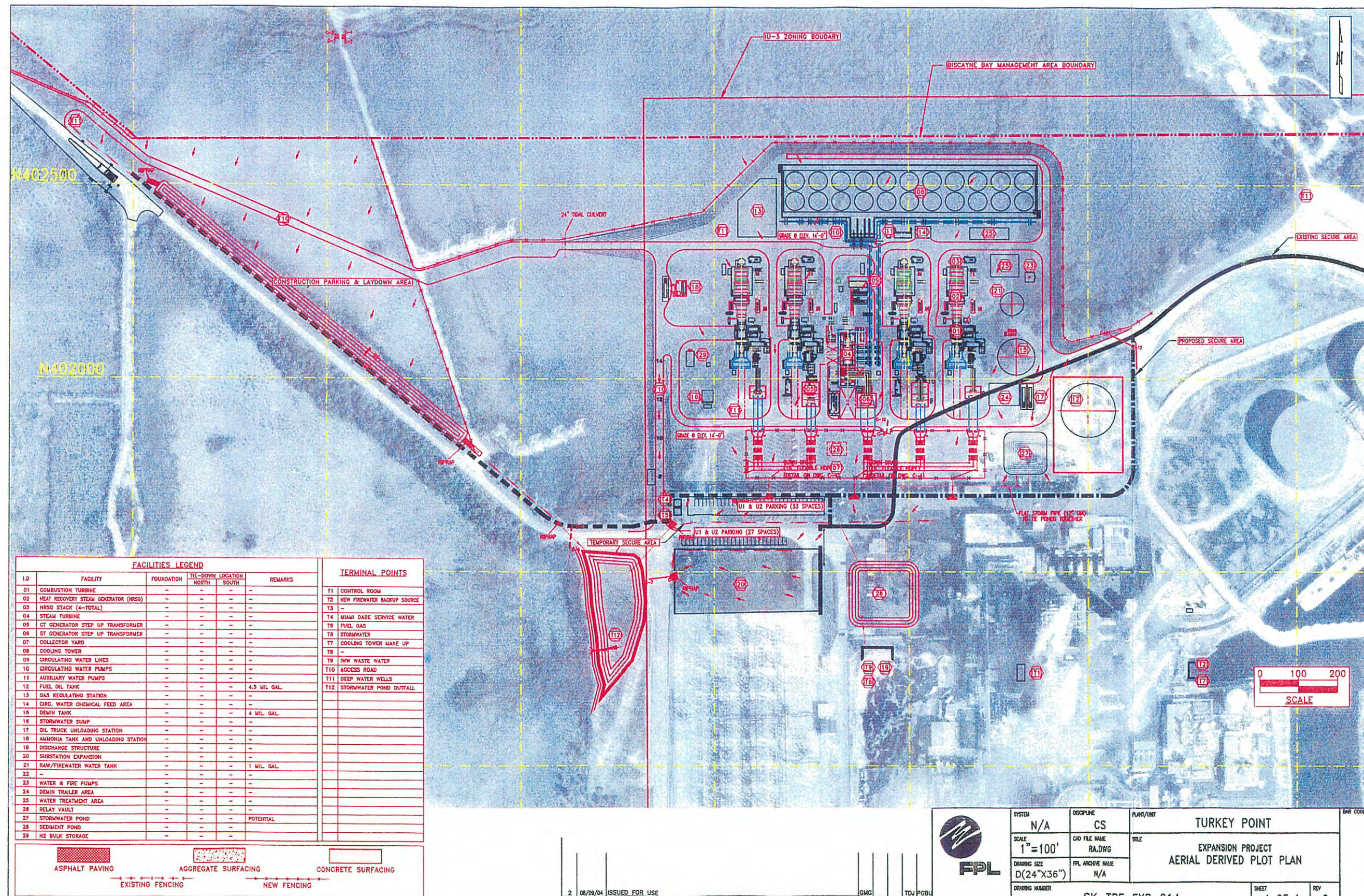


Exhibit B: Emergency Agreement

EMERGENCY RESPONSE CAPABILITY AGREEMENT

This Agreement, shall be effective as of July 1, 1982, by and between the Parties hereto, to wit: the State of Florida Department of Health and Rehabilitative Services (hereinafter "Department"), and Florida Power & Light Company (hereinafter "Company").

W I T N E S S E T H

WHEREAS, the Department is an agency designated under Chapter 252, Florida Statutes, to protect the public health and safety in the State of Florida regarding matters relating to radioactive materials; and

WHEREAS, the Company owns and operates the Turkey Point and St. Lucie Nuclear Power Plants (hereinafter "the Plants"); and

WHEREAS, the Parties desire to enter into an Agreement by which the Department, pursuant to applicable federal and state regulations, will maintain an adequate capability to respond to radiological emergencies at the Plants.

NOW THEREFORE, in consideration of the mutual promises contained herein, the Parties agree as follows:

1.0 DUTIES OF THE DEPARTMENT

1.1 The Department shall receive and record all reports of radiological emergencies at the Plants, as provided in the State of Florida Radiological Emergency Management Plan for Nuclear Power Plants (hereinafter referred to as "the Plan" and incorporated herein by reference); assess the impact or potential impact of such emergencies; and activate provisions of the Plan to assess levels of

radioactivity in off-site areas. Off-site areas are all areas other than owner-controlled areas as that term is defined in Company's Radiological Emergency Plans. The Department will be guided but not bound by the criteria of 10 CFR 140.84 in establishing that there has been substantial discharge or dispersal of radioactive material to off-site areas or owner-controlled areas occupied by members of the general public.

1.2 The Department shall coordinate the provisions of the Plan as applicable to the required emergency response capability of the Department.

1.3 The Department shall coordinate action taken pursuant to the Plan with similar applicable plans of federal, state and local governmental agencies with jurisdiction.

1.4 The Department shall train Department personnel, and assist in training other state and local governmental personnel, in order to familiarize them with the health hazards and emergency operating procedures applicable to radiological emergencies and to assure an adequate emergency response capability on the part of the Department.

1.5 The Department shall assist state and local governmental agencies in planning for required protective actions.

1.6 The Department shall provide radiological laboratory capability, including mobile laboratory facilities, and field radiological instrumentation, equipment and supplies for use by the Department to ensure that measures outlined above are properly and effectively carried out.

1.7 In the event of an on-site radiological emergency, the Department shall aid and advise the Company in its efforts to contain the release of radioactive materials.

2.0 DUTIES OF THE COMPANY

- 2.1 The Company shall pay the Department in accordance with Section 3.0 - "Payment".
- 2.2 The Company shall comply with the insurance requirements of Section 4.0 - "Insurance".

3.0 PAYMENT

- 3.1 Company shall pay to Department actual costs incurred by Department's Office of Radiation Control in the implementation of Florida Statutes Section 252.60 "Radiological Emergency Preparedness" on behalf of the Company.
- 3.2 The Department shall submit to the Company for its approval an annual budget for expenses to be incurred hereunder.
- 3.3 Payment by the Company shall be made in advance on a quarterly basis. The Department shall submit an invoice for such payments. Upon receipt of such invoice, the Company will review same for approval and use reasonable effort to make payment to the Department no later than thirty days from receipt of said invoice, provided such invoiced costs are within budget limits set forth herein. Supporting documentation shall be made available to the Company upon request.
- 3.4 The Department shall provide to the Company a quarterly accounting of all costs incurred by the Department during the quarter immediately prior thereto. Should the amount of such costs differ from the amount paid to the Department by the Company for such quarter, the difference in payment shall be added to or subtracted from Department's next invoice, as applicable.
- 3.5 The Company will allow flexibility for the Department to increase the budget, without the necessity of approval by the Company, in an amount not to

exceed 5% of the Company's portion of total budget. In addition, the Department may transfer up to 10% among expense categories without prior approval of the Company upon the condition that: (a) such transfers will only be authorized by the Department in the event of an unexpected need in a particular category; and (b) such transfers will be reported to the Company in the quarterly accounting provided for herein. Said transfers shall be made only to enhance the Department's capability to perform its obligations under this Agreement.

4.0 INSURANCE

4.1 For the purposes of this Section only, the terms below shall be defined as follows:

- 4.1.1 Act: Atomic Energy Act of 1954, as amended.
- 4.1.2 ANI/MAELU: American Nuclear Insurers/Mutual Atomic Energy Liability Underwriters.
- 4.1.3 Government Indemnity: An indemnity agreement between the Company and the NRC entered into pursuant to Subsection 170(c) of the Act.
- 4.1.4 NML: Nuclear Mutual Limited
- 4.1.5 NRC: Nuclear Regulatory Commission
- 4.1.6 Nuclear Damage: Any loss, damage, or loss of use, which in whole or in part is caused by, arises out of, results from, or is in any way related, directly or indirectly to the hazardous properties of source, special nuclear or byproduct material, as those materials are defined in the Act.
- 4.1.7 Nuclear Liability Protection System: Liability insurance from ANI/MAELU or other financial protection in such amount and such

form as shall meet the financial protection requirements of the NRC pursuant to Subsection 170(b) of the Act.

4.1.8 Nuclear Energy Hazard: Shall be as defined in the ANI/MAELU insurance policies held by Company.

4.1.9 Nuclear Facility: Shall be as defined in the ANI/MAELU insurance policies held by Company.

4.1.10 Nuclear Plant Site: The description and location of property insured contained on the Declarations page of the NML policy held by Company.

4.2 Company shall, at its expense, maintain Nuclear Liability Protection and Government Indemnity to meet the requirements of Section 170 of the Act. Department shall be included as an insured under the liability insurance. Company waives any right of recourse that it may have against Department on account of liability of Company to third parties caused by or arising out of the Nuclear Energy Hazard to the extent it is indemnified for such liability. This Agreement shall not be construed to be a waiver of the state's sovereign immunity or protection afforded to the state by Chapter 768, Florida Statutes.

In the event that the Act expires, is repealed, or the protection provided is reduced, Company shall, without cost to Department, procure on the date the protection is so effected, and maintain in effect during the period of time Company owns the Nuclear Facility, to the extent available on reasonable terms and consistent with then current customary U.S. electric utility industry practice, contractual indemnity, limitation of liability and/or liability insurance from a recognized market, or in lieu thereof, equivalent protection from alternate sources in order to minimize impairment of the protection afforded Department as set forth above.

4.3 Company shall maintain, at its expense, nuclear property damage insurance

covering property on the Nuclear Plant Site from NML or other acceptable markets. Terms of coverage shall be at the discretion of Company. Company waives and will require its insurers to waive all rights of recovery against Department and its suppliers of every tier for Nuclear Damage to any property located at the Nuclear Plant Site to the extent Company is indemnified for such damage by its nuclear property damage insurers. To the extent that Company recovers damages from a third party for Nuclear Damage to any property located at the Nuclear Plant Site, Company shall indemnify Department and its suppliers against any liability for any damages which such third party recovers from Department or suppliers for such Nuclear Damage. This Agreement shall not be construed to be a waiver of the state's sovereign immunity or protection afforded to the state by Chapter 768, Florida Statutes.

5.0 MISCELLANEOUS

5.1 Nothing expressed or implied in this Agreement shall relieve the Company of its legal responsibilities under the laws of Florida or from compliance with any law, regulation or requirement of the U. S. Nuclear Regulatory Commission or other governmental agency having jurisdiction over the licensing or operation of the Plants.

5.2 The Company and the Department shall use their best efforts to implement provisions of the Company's Radiological Emergency Plans and the Plan in a coordinated manner.

5.3 The Parties shall notify each other, as provided in this Agreement, of any and all changes made in their respective plans.

5.4 This Agreement shall not serve to limit any action of the Department or

other State agencies under the laws of Florida to protect the public health and safety not specifically prohibited by law.

5.5 All notices pertaining to or affecting the provisions of this Agreement shall be in writing and delivered either in person or by registered or certified mail to the Parties at the following addresses:

The Department

Mailed or Delivered: Department of Health and Rehabilitative Services
Assistant Secretary for Operations
1317 Winewood Blvd.
Tallahassee, Florida 32301

The Company

Mailed: Florida Power & Light Company
Vice President Nuclear Energy
P. O. Box 529100
Miami, Florida 33152

Delivered: Florida Power & Light Company
Vice President Nuclear Energy
9250 West Flagler Street
Miami, Florida 33174

Either Party may, at any time, by written notice to the other Party, designate different or additional persons or different addresses for the giving of notices hereunder.

5.6 This Agreement is intended as the exclusive statement of the agreement between the Parties. Parol or extrinsic evidence shall not be used to vary or contradict the express terms of this Agreement, and recourse shall not be had to alleged prior dealings, usage of trade, course of dealing, or course of performance to explain or supplement the express terms of this Agreement. This Agreement shall not be amended or modified, and no waiver of any provision hereof shall be effective unless set forth in a written instrument authorized and executed by duly designated and authorized officers of the Parties with the same formality as this Agreement.

5.7 In the event of a default in any of the terms or conditions of this Agreement, within ten days after receipt of written notice of the existence and nature of the default, the defaulting Party shall take all steps necessary to cure such default as promptly and completely as possible.

5.8 The effective date of this Agreement is July 1, 1982. The term of this Agreement shall be fifty years from the effective date hereof, or until decommissioning of the Plants is completed, whichever is later; provided, however, that either Party may cancel this Agreement at any time, with reasonable cause, upon ninety days prior written notice to the other Party. "Reasonable cause" shall include, but not be limited to, substantial amendment to Chapter 252 of the Florida Statutes.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed .

FLORIDA POWER & LIGHT COMPANY

BY: 

TITLE: Vice President, Nuclear Energy

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND
REHABILITATIVE SERVICES

BY: 

TITLE: Assistant Secretary for
Operations

STATE OF FLORIDA



DEPARTMENT OF

Health & Rehabilitative Services

Bob Graham, Governor

1317 WINEWOOD BOULEVARD

TALLAHASSEE, FLORIDA 32301

April 18, 1983

Mr. Jay J. Maisler
Florida Power & Light Company
Post Office Box 529100
Miami, Florida 33152

Dear Mr. Maisler:

Enclosed is the original fully executed copy of the Emergency Response Capability Agreement between the State of Florida, Department of Health & Rehabilitative Services and Florida Power & Light Company.

A proposed budget of our funding requirements for Fiscal Year 1983-84 has been finalized and is presently in review by the Department. We anticipate that it will be returned to us in the near future, at which time we will send to FPL for review and approval.

We are pleased to have finalized the Agreement under which our emergency response plans and preparedness will operate.

Sincerely,


Lyle E. Jerrett, Ph.D.
Director, Office of
Radiation Control

Enclosure

Copy to Wallace B. Johnson, HRS

Appendices A and B

Appendices A and B (copies of federal air permits) are referenced in, and are a part of the current Conditions of Certification for the Unit 5 combined cycle plant. Appendices A and B will not change as a result of this certification, and are not included herein. Copies of these appendices (along with the current Conditions of Certification) can be viewed and downloaded from the following website:

http://www.dep.state.fl.us/siting/Highlights/Conditions/8055TurkeyPt/FPL%20Turkey%20Point_ModB.pdf

Appendix A	Current Title V Air Operation Permit 0250003-009-AV for Fossil Plant
Appendix B	Air Construction Permit PSD-FL-388

Appendix C: Title V Air Operation Permit 0250003-004-AV

Florida Power & Light
Turkey Point Nuclear Plant
Facility ID No.: 0250003
Dade County

Title V Air Operation Permit Renewal
FINAL Permit No.: 0250003-004-AV
Renewal of Title V Air Operation Permit No.: 0250003-002-AV

Permitting Authority:
State of Florida
Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Title V Section

Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Telephone: 850/488-0114
Fax: 850/922-6979

Compliance Authority:
Dade County Department of Environmental Resources Management
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130-1540

Telephone: 305/372-6925
Fax: 305/372-6954

Title V Air Operation Permit Renewal
FINAL Permit No.: 0250003-004-AV
Renewal of Title V Air Operation Permit No.: 0250003-002-AV

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Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

Permittee:

Florida Power & Light Company
Turkey Point Nuclear Plant
9760 S.W. 344th Street
Florida City, Florida 33035

FINAL Permit No.: 0250003-004-AV

Facility ID No.: 0250003

SIC Nos.: 49, 4911

Project: Title V Air Operation Permit Renewal

This permit is for the operation of the Turkey Point Nuclear Plant, and to renew Title V Air Operation Permit No. 0250003-002-AV. This facility is located 10 miles east of Florida City on Palm Drive, Dade County; UTM Coordinates: Zone 17, 567.2 km East and 2813.2 km North; Latitude: 25° 26' 09" North and Longitude: 80° 19' 52" West.

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. 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 permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix U-1, List of Unregulated Emissions Units and Activities

Appendix I-1, List of Insignificant Emissions Units and Activities

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)

TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/07/96)

APPENDIX TV-4, TITLE V CONDITIONS (version dated 02/12/02)

Effective Date: January 1, 2004

Renewal Application Due Date: July 5, 2008

Expiration Date: December 31, 2008

Michael G. Cooke, Director,
Division of Air Resource Management

MGC/sms/bb

"More Protection, Less Process"

Printed on recycled paper.

Section I. Facility Information

Subsection A. Facility Description

The Turkey Point Title V Source is composed of two separate co-located power plants: the Fossil Plant and the Nuclear Plant. This permit, No. 0250003-004-AV, addresses only the (non-nuclear) operations at the Nuclear Plant. The operations at the Fossil Plant are addressed in a separate Title V permit, No. 0250003-005-AV.

The Nuclear Plant consists of two nuclear generating units with a combined capacity of 1,332 megawatts, nine diesel emergency generators, miscellaneous diesel engines, and miscellaneous unregulated and insignificant emissions units and/or activities. This permit does not address the two nuclear generating units which are regulated by the Nuclear Regulatory Commission (NRC).

Based on the initial Title V permit renewal application received May 12, 2003, this Title V Source is a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No.s and Brief Descriptions

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-005	(4) 2.5 MW Diesel Emergency Generators
-006	(5) Other Diesel Emergency Generators
-007	Miscellaneous Diesel Plant Equipment
-008	Unregulated Emissions Units and/or Activities (See Appendix U-1)

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit ID No(s). on all test report submittals, applications, and other correspondence.

Subsection C. Relevant Documents

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History

Statement of Basis

These documents are on file with the permitting authority:

Title V Permit Renewal Application received May 12, 2003

Section II. Facility-wide Conditions

The following conditions apply facility-wide:

1. APPENDIX TV-4, TITLE V CONDITIONS, is a part of this permit. {Permitting note: APPENDIX TV-4, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided a copy when requested or otherwise appropriate.}

2. **Not Federally Enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rule 62-296.320(4)(b)1. & 4., F.A.C.]

4. Prevention of Accidental Releases (Section 112(r) of CAA).

a. The permittee shall submit its risk management plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions, or updates to submittals, should be sent to

RMP Reporting Center
Post Office Box 3346
Merrifield, VA 22116-3346
Telephone: 703/816-4434

and,

b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C. [40 CFR 68]

5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit. [Rule 62-213.440(1), F.A.C.]

6. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

7. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a)]

8. Not Federally Enforceable. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

1. Paving of roads, parking areas and equipment yards;
2. Landscaping and planting vegetation;
3. Use of thick poly-flaps over doorways to prevent any sandblasting material from leaving the sandblast facility. The facility also constructs temporary sandblasting enclosures when necessary in order to perform sandblasting on fixed plant equipment.
4. Maintenance of paved areas;
5. Regular mowing of grass and care of vegetation;
6. Limiting access to plant property by unnecessary vehicles;
7. Bagged chemical products are stored in weather-tight buildings until they are used. Spills of powdered chemical products are cleaned up as soon as possible.
8. Vehicles are restricted to slow speeds on the plant site.

[Rule 62-296.320(4)(c)2., F.A.C.]

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440. F.A.C.]

10. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C. [Rules 62-213.440(3) and 62-213.900, F.A.C.]

{Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of APPENDIX TV-4, TITLE V CONDITIONS)}

11. The permittee shall submit all compliance related notifications, and reports required of this permit to:

Dade County Department of Environmental Resources Management (DERM)
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925
Fax: 305/372-6954

Note: if acceptable to the agency, applicable correspondence may be submitted by electronic mail.

12. Any reports, data, notification, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides, & Toxics Management Division
Operating Permits Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9099
Fax: 404/562-9163

13. Certification by Responsible Official (R.O.). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, that statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.
[Rule 62-213.420(4), F.A.C.]

Section III. Emissions Units and Conditions

<u>E.U. ID</u>	<u>Brief Description</u>
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<u>No.</u>	
-005	(4) 2.5 MW Diesel Emergency Generators
-006	(5) Other Diesel Emergency Generators
-007	Miscellaneous Diesel Plant Equipment

Emissions unit -005 consists of four Electro-Motive (GM) Model 20-645-E4 emergency diesel generators. The generators are referred to by facility personnel as units 3A, 3B, 4A, and 4B. The generators supply backup power to the nuclear power plant auxiliary equipment. These units fire low sulfur (0.5%) diesel fuel. Units 3A and 3B commenced operation in November, 1972, while units 4A and 4B commenced operation in 1991.

Emissions unit -006 consists of five other diesel emergency generators used for the plant's security system, wastewater treatment, and meteorological assessment. These generators also fire low sulfur (0.5%) diesel fuel.

Emissions unit -007, consists of the following miscellaneous diesel plant equipment:

- (6) Service Air compressor diesel engines;
- (3) hydrolazer diesel engines;
- (2) instrument air compressor diesel engines;
- (1) standby steam generator feed pump diesel engine;
- (1) service water diesel pump

{Permitting note: These units are regulated under Reasonably Available Control Technology (RACT) - Requirements for Major VOC- and NOx-Emitting Facilities Rule 62-297.570, F.A.C. Note: these emissions units exceed the fuel usage limits to qualify for exemption under Rule 62-210.300(3)(a).20. and 21., F.A.C.}

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum heat input to each generator in emissions unit -005 shall not exceed 24.89 MMBtu per hour. Heat input may be determined by using fuel flow meters in conjunction with the Btu content of the fired fuel. The maximum heat input to each generator in emissions unit -006 shall not exceed 4.08 MMBtu per hour. Emissions unit -007 heat input shall not exceed 5.85 MMBtu per hour.

[Rules 62-4.160(2) & 62-210.200 (PTE), F.A.C.]

A.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition A.13.

[Rule 62-297.310(2), F.A.C.]

A.3. Methods of Operation - Fuels. The only fuel authorized to be burned is new diesel fuel. The sulfur content shall not exceed 0.5 percent by weight.

[Rules 62-4.160(2), 62-210.200, and 62-213.440(1), F.A.C.; applicant requested per Title V application.]

A.4. Annual Hours of Operation. The units may operate continuously, i.e., for 8,760 hours per year.

[Rule 62-210.200, F.A.C.]

Emission Limitations and Standards

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting Note: Unless otherwise specified, the averaging time(s) for Specific Condition A.5 is based upon specified averaging time of the applicable test method.}

A.5. Nitrogen Oxides. NOx emissions shall not exceed 4.75 lb. per million Btu heat input. These limits shall apply at all times except during periods of startup, shutdown, or malfunction.

[Rule 62-296.570(4)(b)7. and (c), F.A.C.]

Excess Emissions

A.6. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department or DERM for longer duration.

[Rule 62-210.700(1), F.A.C.]

A.7. Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.

[Rule 62-210.700(2), F.A.C.]

A.8. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

Test Methods and Procedures

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.9. NOx Emissions: For units that are not equipped with a continuous emissions monitoring system (CEMS) for NOx, compliance with the emission limits shall be demonstrated by annual emission testing in accordance with applicable EPA Reference Methods from Rule 62-297.401, F.A.C., or other methods approved by the Department in accordance with the requirements of Rule 62-297.620, F.A.C., except as otherwise provided in Rule 62-296.570(4)(b), F.A.C. Annual emission testing shall be conducted during each federal fiscal year (October 1 - September 30). ***Annual compliance testing while firing oil is unnecessary for units operating less than 400 hours in the current federal fiscal year.*** Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision.

For small diesel engines (heat input less than 5 million Btu per hour) operating 400 hours per year or more, compliance shall be demonstrated by a stack test on at least one representative engine for each group of identical engines within the facility.

[Rules 62-296.570(4)(a)3., and 62-297.310(7)(a)3., F.A.C.]

A.10. The test method for NOx shall be EPA Method 7 or 7E, incorporated and adopted by reference in Chapter 62-297, F.A.C.

[Rules 62-296.570(4)(a)3. and 62-297.401(7), F.A.C.]

A.11. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

A.12. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured; provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic

mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

A.13. Operating Rate During Testing. Testing of emissions shall be conducted with each emissions unit operating at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

A.14. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the separate test runs unless otherwise specified in a particular test method or applicable rule.

[Rule 62-297.310(3), F.A.C.]

A.15. Applicable Test Procedures.

(a) **Required Sampling Time.**

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. (Not applicable.)

(b) **Minimum Sample Volume.** Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) (Not applicable.)

(d) **Calibration of Sampling Equipment.** Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.

(e) (Not applicable.)

[Rule 62-297.310(4), F.A.C.]

A.16. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit. Additionally, the permittee of an emissions unit that is not required to conduct a compliance test on at least an annual basis may use permanent or temporary stack sampling facilities. If the permittee chooses to use temporary sampling facilities on an emissions unit, and DERM elects to test the unit, such temporary facilities shall be installed on the emissions unit within five days of a request by DERM and remain on the unit until the testing is complete.

[Rule 62-297.310(6), F.A.C.]

A.17. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

1. (Not applicable.)
2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid fuel for more than 400 hours other than during startup.
3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
 - a. Did not operate; or
 - b. In the case of a fuel burning emissions unit, burned liquid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
 - a. Visible emissions, if there is an applicable standard;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
 - c. Each NESHAP pollutant, if there is an applicable emission standard.
5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid fuel, other than during startup, for a total of more than 400 hours.
6. (Not applicable.)
7. (Not applicable.)
8. (Not applicable.)
9. (See Specific Condition A.22.)
10. An annual compliance test conducted for visible emissions shall not be required for units exempted from permitting at Rule 62-210.300(3)(a), F.A.C., or units permitted under the General Permit provisions at Rule 62-210.300(4), F.A.C.

(b) Special Compliance Tests. When the Department or DERM, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the

emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department or DERM, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7)(a)2., 3., 4., 5., 10., (b) & (c), F.A.C.; SIP approved]

A.18. By this permit, annual and permit renewal compliance testing for NO_x emissions is not required for these emissions units while burning diesel fuel for less than 400 hours in each generator or engine in the current federal fiscal year.

[Rules 62-297.310(7)(a)3. and 4., F.A.C.]

Recordkeeping and Reporting Requirements

A.19. In the case of excess emissions resulting from malfunctions, the permittee shall notify the Dade County Department of Environmental Resources Management in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Dade County Department of Environmental Resources Management.

[Rule 62-210.700(6), F.A.C.]

A.20. Submit to the Dade County Department of Environmental Resources Management a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the permittee of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

[Rules 62-213.440 and 62-296.405(1)(g), F.A.C.]

A.21. Test Reports

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department and Dade County Department of Environmental Resources Management on the results of each such test.

(b) The required test report shall be filed with the Department and Dade County Department of Environmental Resources Management as soon as practical but no later than 45 days after the last sampling run of each test is completed.

(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department and Dade County Environmental Resources Management to determine if the test was properly conducted and the test results properly

computed. The test report other than for an EPA or DEP Method 9 test, shall provide the following information, as appropriate:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

A.22. The owner or operator shall notify the Department or DERM, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
[Rule 62-297.310(7)(a)9., F.A.C.]

Appendix H-1: Permit History

**Florida Power and Light
Turkey Point Nuclear Station**

FINAL Permit No.: 0250003-004-AV
Facility ID No.: 0250003

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type ¹
All	Facility	0250003-002-AV	1/1/1999	12/31/2003	Initial
All	Facility	0250003-004-AV	1/1/2004	12/31/2008	Renewal

¹ Project Type (select one): Title V: Initial, Revision, Renewal, or Admin. Correction; Construction (new or mod.); or, Extension (AC only).

Appendix I-1, List of Insignificant Emissions Units and Activities

Florida Power & Light
Turkey Point Nuclear Station
Page 1 of 4

FINAL Permit No.: 0250003-004-AV

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Unit and Activities

1. Internal combustion engines in boats, aircraft and vehicles used for transportation of passengers or freight.
2. Cold storage refrigeration equipment, except for any such equipment located at a Title V source using an ozone-depleting substance regulated under 40 CFR Part 82.
3. Vacuum pumps in laboratory operations.
4. Equipment used for steam cleaning.
5. Belt or drum sanders having a total sanding surface of five square feet or less and other equipment used exclusively on wood or plastics or their products having a density of 20 pounds per cubic foot or more.
6. Equipment used exclusively for space heating, other than boilers.
7. Laboratory equipment used exclusively for chemical or physical analyses.
8. Brazing, soldering or welding equipment.
9. One or more emergency generators located within a single facility provided:
 - a. None of the emergency generators is subject to the Federal Acid Rain Program; and
 - b. Total fuel consumption by all such emergency generators within the facility is limited to 32,000 gallons per year of diesel fuel, 4,000 gallons per year of gasoline, 4.4 million standard cubic feet per year of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.
10. One or more heating units and general purpose internal combustion engines located within a single facility provided:
 - a. None of the heating units or general purpose internal combustion engines is subject to the Federal Acid Rain Program; and
 - b. Total fuel consumption by all such heating units and general purpose internal combustion engines within the facility is limited to 32,000 gallons per year of diesel

Appendix I-1, List of Insignificant Emissions Units and Activities

- fuel, 4,000 gallons per year of gasoline, 4.4 million standard cubic feet per year of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.
11. Fire and safety equipment.
 12. Surface coating operations within a single facility if the total quantity of coatings containing greater than 5.0 percent VOCs, by volume, used is 6.0 gallons per day or less, averaged monthly, provided:
 - a. Such operations are not subject to a volatile organic compound Reasonably Available Control Technology (RACT) requirement of Chapter 62-296, F.A.C.; and
 - b. The amount of coatings used shall include any solvents and thinners used in the process including those used for cleanup.
 13. Surface coating operations utilizing only coatings containing 5.0 percent or less VOCs, by volume.
 14. Degreasing units using heavier-than-air vapors exclusively, except any such unit using or emitting any substance classified as a hazardous air pollutant.
 15. Bakery ovens and confection cookers when the products are edible and intended for human consumption.
 16. Laundry dryers, extractors or tumblers for fabrics cleaned with only water solutions of bleach or detergents.
 17. Portable air curtain incinerators except any air curtain incinerator intended to be continuously operated at one site for more than six months or at any Department- permitted landfill for any length of time; provided:
 - a. Only land clearing debris or clean dry wood is burned;
 - b. Pit width, length, and side walls are properly maintained so that combustion of the waste within the pit is maintained at an adequate temperature and with sufficient air recirculation to provide enough residence time and mixing for complete combustion and control of emissions. Pit width shall not exceed twelve (12) feet, and vertical side walls shall be maintained;
 - c. No waste is positioned to be burned above the level of the air curtain in the pit;
 - d. Visible emissions do not exceed 40 percent opacity except for up to 30 minutes during periods of startup and shutdown;
 - e. The air curtain incinerator is located at least 300 feet away from any occupied building if it has refractory- lined walls and forced underdraft air or otherwise at least 1,000 feet away from any occupied building; and
 - f. The burning is ignited after 9:00 a.m. and extinguished at least one hour before sunset, except that, in the case of an air curtain incinerator with refractory-lined walls and forced underdraft air which is located at least 1,000 feet away from any off-site occupied building, the burning may commence at sunrise, and the air curtain incinerator may be charged until sunset provided it does not create a nuisance.
 18. Turbine Lube Oil system components.
 19. Activities and/or emission sources regulated by the Nuclear Regulatory Commission pursuant to the Atomic Energy Act.

Appendix I-1, List of Insignificant Emissions Units and Activities

Insignificant Activities

Reactor Power Operation	Refueling Water Tank	Pressurizer
Fuel Pool Cooling	Reactor Drain Tank	Letdown Heat Exchanger
Safety Injection Tanks	RCP Seal Injection	Reactor Refueling
Misc. Primary System Cooling	Contaminant Cleanup	Laundry Drain Tank
Contaminant Purge	Equipment Drain Tank	Plant Vent
Waste Hold-up Tanks	PCP Oil Collection Tank	Waste Ion Exchange and Filters
Volume Control Tank	Spent Resin Tank	Hol-up Tanks
Surge Tank	Primary Water Tank/Degas	Gas Decay Tanks
Boric Acid Storage Tank	Control Room kitchen vents	Aux Building Exhaust
Control Room Toilet Vents	Chemical Add Tank	Lead Acid Battery Room Vents
High Pressure Safety Injection	Health Physics Office Vent	Low Pressure Safety Injection
Laundry Rooms Vents	Containment Spray	Resin Transfer Operations
Chemical Hot Labs	RCS Sample System	PASS Sample System
Demineralizer Water Tank	Fuel Pool	Chemistry/HP Counting Rooms
Fuel Building Exhaust	Diesel Oil Storage Tanks	Dry Storage Warehouse
Offices/ computer rooms	Electrical Generator CO ₂	Electrical Generator H ₂
Turbine Switch Gear	Transformer Cooling Fans	Transformer Maintenance
Atmospheric Dumps	Safety Relief Valves	Auxiliary Steam
Steam Jet Air Ejector	Water Box Priming	Gland Steam Recovery Tank
Condensate Polisher	Chemical Addition Tanks	Wet Lay-up System and Tank
System Generator Blowdown	Chemistry Cold Lab	Chemistry Operations Offices
Chemistry Store Room	Turbine Lube Oil Tank	Oily Water Separators
Satellite Accumulation Drum	Used Oil Collection	Screen Wash Collection Pit
Raw Water Storage Tank	Resin and Charcoal Vessels	Neutralization Basin
Neutralization Tank	Sulfuric Acid Tank	Sodium Hydroxide Tanks
Brine Heating Tank	Degasifier	AC Shop Vents
Equipment	Gas house	Nitrogen Dewar / Trailer
Hydrogen tube Trailer	Hydrolazing	Pesticide Application
Lawn Maintenance	Open Material Stockpiles	Storm Basins
Temporary Trailer Offices	Port-a-johns	Feed Pump Seal Leakoff/Tank
Ranger Hut Vents	Machine Stop Vents	Sewage Plant gases
Sludge Tankers	Maintenance Building Vents	Covered Work Area Vents
Cafeteria Vents	ANPO Vents	Fire House Materials
Break Area Vents	Carpenter Shop/Office Vents	Weld Test Shop Vents
Speakout Vents	HP Support Office Vents	Shop Vents
Backfit QC Building Vents	Paint Building Vents	Oil Storage Building Vents
Switchyard Transformer Vents	Fitness Center Vents	Picnic Pavillion Vents
Gun Range	Day Care Center Vents	'Slime Sucker' pumps @ L.U.

Insignificant Activities Cont.

Operations Support Center Vents	Warehouse offices Vents
Backfit Maintenance Building Vents	Steam Generator Sludge Lancing
Security Building Vents	HP/FFD/Site Med/Sec Office Vents
Radioactive Source Building Vents	Nuclear Administration Building Vents
Haz Waste Storage Building Vents	Aerosol Can Puncturing
Liquid Radwaste Monitoring Tanks	Boric Acid Make-up Tanks
Waste Gas Compressors	CVCS Ion Exchange and Filters
Lube Oil Vapor Extractor System	DEH System Reservoir
Turbine Cooling Water System	Excitor Cooling System
Steam Generator Wet Lay-up	Flammable Liquid Storage Cabinets
Water Treatment Plant control building	Condenser Storage Tank and Degasifier
Use of spray cans and solvents for routine Maintenance	

Appendix U-1, List of Unregulated Emissions Units and Activities

Florida Power & Light Company
Turkey Point Nuclear Station

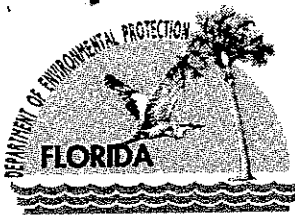
FINAL Permit No.: 0250003-004-AV

Unregulated Emissions Units and Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The emissions units and activities listed below are neither ‘regulated emissions units’ nor ‘insignificant emissions units’.

<u>E.U. ID No.</u>	<u>Brief Description of Emissions Unit and Activity</u>
008	Lube oil vapor extractor system Turbine lube oil tank Sulfuric Acid Tank Open material stockpiles Wastewater treatment plant gases Paint building vents Hazardous waste storage building vents Aerosol can puncturing Miscellaneous Diesel Driven Pumps Slime Sucker pumps Chemical add tanks Gun Range 70,000 gallon No. 2 light oil tank 40,400 gallon No. 2 light oil tank 4,000 gallon unleaded fuel tank (4) 2,000 gallon diesel fuel storage tanks (2) 4,000 gallon diesel oil storage tanks 200 gallon unleaded fuel tank Unleaded gasoline dispensing facilities with monthly throughput of less than 2,000 gallons Fugitive emissions, Particulate matter and VOC’s

Appendix D: NPDES Permit FL0001562-004-IW1N



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

In the Matter of an
Application for Permit by:

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Turkey Point Power Plant
9760 S.W. 344 Street
Florida City, FL 34428

DEP File # FL0001562-004-TWIN/NR
Miami-Dade County
Florida Power & Light Company

Attention: Mr. Terry O. Jones

NOTICE OF PERMIT

Enclosed is Permit Number FL0001562, issued under Section 403.0885, Florida Statutes and DEP Chapter 62-620, Florida Administrative Code, authorizing renewal of a "No Discharge" NPDES permit for internal discharge to an onsite closed-loop recirculating cooling canal system at the Turkey Point Power Plant located at 9670 S.W. 344 Street, Florida City, Miami-Dade County, Florida.

Any party to this order (permit) has the right to seek judicial review of the permit 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 of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, 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 thirty days after this notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Mimi Drew
Director
Division of Water Resource Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400
(850) 245-8336

'More Protection Less Process'

FPL
Turkey Point Power Plant
Permit Number FL0001562

Page 2

FILING AND ACKNOWLEDGMENT

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

G. Shields 05-13-05
Clerk Date

Copies furnished to:

Roosevelt Childress, EPA
Chairman, Miami-Dade County Board of Commissioners
Tim Powell, P.E., DEP SED, West Palm Beach
Buck Oven, P.E., DEP Tallahassee
Betsy Hewitt, DEP Tallahassee (w/o enclosure)

SECOND AMENDMENT TO THE FACT SHEET

DATE: January 28, 2004

PERMIT NUMBER: FL0001562

PERMITTEE: Florida Power & Light Company
Turkey Point Power Plant

The following minor corrections have been made to the proposed permit. None of these corrections alter any of the discharge limitations monitoring requirements in the permit.

1. Permittee Comments

The Permittee requested the following minor corrections to the permit

Typographical errors in the Draft Permit: The Applicant pointed out several typographical errors by the Department which are not listed in the items below. The Department has corrected these errors, which were non-substantive and did not affect any permit limitations or monitoring requirements.

Condition I.A.6.&7. The Permittee pointed out that that previous permits did not include these conditions, which refer to floating foam and visible sheen on surface waters of the state due to discharge of wastewater. The Permittee noted that the conditions are not appropriate because the facility does not discharge to surface waters. The Department concurs, and notes that it included the conditions in error. The conditions have been deleted from the final permit

**STATE OF FLORIDA
INDUSTRIAL WASTEWATER FACILITY PERMIT**

PERMITTEE:

Florida Power & Light Company
9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER:

FL0001562 (Major)

PA FILE NUMBER:

FL0001562-004-IW1N

ISSUANCE DATE:

May 6, 2005

EXPIRATION DATE:

May 5, 2010

RESPONSIBLE AUTHORITY:

Mr. Terry O. Jones
Vice President

FACILITY:

FPL Turkey Point Power Plant
9760 S.W. 344 Street
Florida City, FL 33035
Dade County

Latitude: See Note Below Longitude: See Note Below

Note: Latitude and longitude are not shown at Permittee's request, for purposes of Homeland Security pursuant to federal regulations found at 18 CFR 388.113(c)(i) and (ii) and by Presidential Directive dated December 17, 2003.

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.), and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System (NPDES). 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:

The facility consists of four steam-electric generating units: Two fossil fuel oil-fired units (Units 1&2) and two nuclear units (Units 3&4). Units 1&2 each have a continuous generating capability of 404 megawatts (MW), and Units 3&4 each have a continuous generating capability of 693 MW.

WASTEWATER TREATMENT:

Wastewater from the Turkey Point facility consists of a non-contact once-through condenser cooling water (OTCW), auxiliary equipment cooling water (AECW), low-volume waste (LVW), and stormwater. LVW consists of chemical treatment system wastewater, boiler blowdown, reverse osmosis concentrate, condensate polishing system backwash water, and other process wastestreams. Stormwater includes stormwater associated with industrial activity and stormwater not associated with industrial activity.

OTCW and AECW discharge to the facility's approximately 6,700 acre onsite closed loop cooling canal system. LVW, equipment area stormwater, and non-equipment area stormwater/drainage discharge either directly to the onsite closed loop cooling canal system or indirectly to the same system via solids settling basins and/or neutralization basin. The cooling canal system is not lined, and therefore, discharges to Class G-III groundwater. The cooling canal system does not discharge to surface waters of the state.

PERMITTEE:

Florida Power & Light Company
9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER:

FL0001562

Issuance date:

May 6, 2005

Expiration date:

May 5, 2010

EFFLUENT DISPOSAL:

Surface Water Discharge:

This permit does not authorize discharge to surface waters of the state.

Internal Outfalls:

This permit authorizes discharge from existing internal outfalls I-001 and I-002 to the facility's onsite closed loop cooling canal system.

Groundwater Discharge

This permit authorizes an existing discharge from the onsite closed loop cooling canal system to the surficial aquifer which is a Class G-III groundwater.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Part I through Part VIII on pages 3 through 14 of this permit.

PERMITTEE:

PERMIT NUMBER: FL0001562

Florida Power & Light Company
9760 S.W. 344 Street
Florida City, FL 33035

Issuance date: May 6, 2005
Expiration date: May 5, 2010

I. Effluent Limitations and Monitoring Requirements

A. Surface Water Discharges

1. This permit does not authorize discharge to surface waters of the state
2. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge non process wastewater consisting of non-contact once-through condenser cooling water (OTCW), non-contact auxiliary equipment cooling water (AECW), and other wastestreams (as indicated in the permit renewal application) from Internal Outfall I-001 to the onsite feeder canal within the facility's onsite closed loop cooling canal system. Such discharge shall be limited and monitored by the permittee as specified below:

Parameters (units)	Discharge Limitations			Monitoring Requirements		
	Maximum Daily Average	Daily Maximum	Daily Minimum	Monitoring Frequency	Sample Type	Sample Point
Temperature (F), Water (DEG.F)	--	Report	--	Monthly	Instantaneous	OUI-1
Solids, Total Suspended (MG/L)	--	Report	--	Quarterly	Grab	OUI-1
pH (SU)	--	Report	Report	Quarterly	Grab	OUI-1
Salinity (PPT)	--	Report	--	Quarterly	Grab	OUI-1
Specific Conductance (UMHO/CM)	--	Report	--	Quarterly	Grab	OUI-1
Copper, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-1
Iron, Total Recoverable (MG/L)	--	Report	--	Semiannually	Grab	OUI-1
Zinc, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-1

3. Effluent samples shall be taken at the monitoring site locations listed in permit condition I A 2. and as described below:

Sample Point	Description of Monitoring Location
OUI-1	Cooling water discharge prior to entering the feeder canal within the closed loop cooling canal system

PERMITTEE:

Florida Power & Light Company
9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER: FL0001562

Issuance date: May 6, 2005
Expiration date: May 5, 2010

4. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge process wastewater and stormwater from Internal Outfall I-002 into the facility's onsite closed loop cooling canal system. Such discharge shall be limited and monitored by the permittee as specified below:

Parameters (units)	Discharge Limitations			Monitoring Requirements		
	Monthly Average	Daily Maximum	Daily Minimum	Monitoring Frequency	Sample Type	Sample Point
Solids, Total Suspended (MG/L)	--	Report	--	Semiannually	Grab	OUI-2
PH (SU)	--	Report	Report	Monthly	Grab	OUI-2
Specific Conductance (UMHO/CM)	--	Report	--	Quarterly	Grab	OUI-2
Lead, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-2
Oil and Grease (MG/L)	--	Report	--	Semiannually	Grab	OUI-2
Copper, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-2
Zinc, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-2

5. Effluent samples shall be taken at the monitoring site locations listed in permit condition I A 4. and as described below:

Sample Point	Description of Monitoring Location
OUI-2	discharge from the two solids settling basins or neutralization basin prior to mixing with water in the closed loop cooling canal system

B. Underground Injection Control Systems

1. This section is not applicable to this permit. Discharge by underground injection is regulated under permit UC-13-277655.

C. Land Application Systems

1. This section is not applicable to this facility.

D. Other Methods of Disposal or Recycling

1. There shall be no discharge of industrial wastewater from this facility to ground or surface waters, except as authorized by this permit.

E. Other Limitations and Monitoring and Reporting Requirements

1. 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 Southeast District Office Discharge Monitoring Reports (DMRs) in accordance

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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 on DMR	Monitoring Period	DMR 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 28
	April 1 – June 30	July 28
	July 1 – September 30	October 28
	October 1 – December 31	January 28
Semiannual	January 1 – June 30	July 28
	July 1 – December 31	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.E.2.

- Unless specified otherwise in this permit, all reports and notifications required by this permit, including twenty-four hour notifications, shall be submitted to or reported to the Southeast District Office at the address specified below:

Southeast District Office
400 North Congress, Suite 200
West Palm Beach, FL 33401-3303
Phone Number - (561) 681-6702

- All reports and other information shall be signed in accordance with requirements of Rule 62-620.305, F.A.C.
- The permittee shall provide safe access points for obtaining representative samples which are required by this permit.
- If there is no discharge from the facility on a day scheduled for sampling, the sample shall be collected on the day of the next discharge.
- Bypasses subject to General Conditions VIII.20 and VIII.22 shall be monitored or estimated daily, or as approved by the Department for flow and other parameters required for the specific outfall that is bypassed. Monitoring results shall be reported to the Department.
- There shall be no discharge of polychlorinated biphenyl compounds such as those commonly used for transformer fluid.
- This permit authorizes the use of the following biocides, or their generic equivalents, in various closed cooling water systems without limitations or monitoring: NALCO 7338, NALCO 7330, NALCO 7348, BULAB 6001/6002, BETZ POWERLINE 3610. The Permittee shall notify the Department if there is a discharge of any of these products into the closed cycle cooling canal system in other than de-minimus amounts which contain concentrations of active ingredients above the MDLs for those ingredients.

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- 9 A permit revision from the Department shall be required prior to the use of any biocide or chemical additive, which may be toxic to aquatic life, (except as authorized elsewhere in this permit) in the cooling water system or any other portion of the industrial wastewater system. The permit revision request shall include:

- a. Name and general composition of biocide or chemical
- b. Frequencies of use
- c. Quantities to be used
- d. Proposed effluent concentrations
- e. Acute and/or chronic toxicity data (laboratory reports shall be prepared according to Section 12 of EPA document no. EPA/600/4-90/027 entitled, Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters for Freshwater and Marine Organisms, or most current addition)
- f. Product data sheet
- g. Product label

The Department shall review the above information to determine if a major or minor permit revision is necessary. Discharge associated with the use of such biocide or chemical is not authorized without prior authorization by the Department. Permit revisions shall be processed in accordance with the requirements of Chapter 62-620, F.A.C.

- 10 Discharge of any product registered under the Federal Insecticide, Fungicide, and Rodenticide Act to any waste stream which ultimately may be released to waters of the State is prohibited unless specifically authorized elsewhere in this permit. This requirement is not applicable to products used for lawn and agricultural purposes or to the use of herbicides if used in accordance with labeled instructions and any applicable State permit.

11. Hydrazine and Monoethanolamine (EIA) Monitoring Requirements

- a) Discharge of hydrazine, carbonylhydrazide, dimethylamine, and monoethanolamine (EIA) in the boiler or steam generator blowdown is authorized without limitation or monitoring requirements.
- b) Hydrazine from plant layup water during overhauls and/or refueling outages shall be measured at the outlet from the unit being serviced. Sampling shall be once per day of discharge by grab sample at the maximum expected concentration. Results of sampling will be submitted to the Department upon request. To determine the hydrazine concentration being discharged to the cooling canal system, the following equation shall be used:

$$\frac{(B/S) \text{ Blowdown Flow} \times (B/S) \text{ Hydrazine Concentration}}{\text{Once-through Cooling Water Flow}} = \text{Hydrazine concentration at the closed cycle cooling canal system}$$

Where (B/S) refers to boiler or steam generator

In the event that any value exceeds 3.4 mg/l, the permittee shall immediately modify its release pattern and resample. The Department's Southeast District office will be notified of the situation within five days.

12 Molybdate, Iolytriazole, and Nitrite Discharge Requirements

The discharge of molybdate, tolytriazole, and nitrite to the closed cycle recirculating cooling canal system during maintenance of the auxiliary closed water system is allowed without limitations and monitoring requirements.

13 Non-discharging/Closed Loop Vehicle Wash Recycle System Requirements

- a) No discharge of recycle system wastewater, including filter backwash water, is authorized to surface water or to ground water

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- b) The rainwater diversion system shall be operated in accordance with the facility's Best Management Practice Procedure as indicated on amended drawing No. 297-036, Alternate No. 6, signed and sealed 4/23/99.
 - c) A placard shall be conspicuously posted in the area of the non-discharging/closed loop recycle equipment which indicates the proper operation of the rainwater diversion system i.e. TRUCK WASH RAINWATER VALVE OPERATING PROCEDURE as indicated on amended drawing No. 297-036 Alternate No. 6, signed and sealed 4/23/99.
 - d) Spent process wastewater shall be disposed of at a Department permitted wastewater treatment facility which is capable of treating the wastewater
 - e) Any oil collected from the oil/water separator shall be disposed by a licensed used oil recycler in accordance with Florida Administrative Code 62-710 or otherwise recycled on site through Department approved methods and procedures.
 - f) Any accidental discharge to ground water or surface water shall be reported to the Southeast District office.
14. Notwithstanding any other requirements of this "No Discharge" permit, the permittee shall comply with all applicable provisions of the Final Judgement dated September 10, 1971, in Civil Action Number 70-328-CA issued by the U.S. District Judge C. Clyde Atkins of the Southern District of Florida.

II. Industrial Sludge Management Requirements

A. Basic Management Requirements

- 1. Sludge or other solids generated from the facility shall be reused, reclaimed, or otherwise disposed of in accordance with the requirements of Chapter 62-701, F.A.C.
- 2. The permittee shall keep records at the facility of the amount of sludge or residuals disposed, transported, or incinerated. If a person other than the permittee is responsible for sludge transporting, disposal, or incineration, the permittee shall also keep the following records:
 - a. name, address and telephone number of any transporter, and any manifests or bill of lading used;
 - b. name and location of the site of disposal, treatment or incineration;
 - c. name, address, and telephone number of the entity responsible for the disposal, treatment, or incineration site

III. Ground Water Monitoring Requirements

- 1. This section is not applicable to this facility.

IV. Other Land Application Requirements

- 1. The Permittee's discharge to ground water shall not cause a violation of the minimum criteria for ground water specified in Rule 62-520.400, F.A.C. and 62-520.430, F.A.C.

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V. Operation and Maintenance Requirements

A. Operation of Treatment and Disposal Facilities

1. The permittee shall ensure that the operation of this facility is as described in the application and supporting documents.
2. The operation of the pollution control facilities described in this permit shall be under the supervision of a person who is qualified by formal training and/or practical experience in the field of water pollution control.

B. Record keeping Requirements:

1. The permittee shall maintain the following records on the site of the permitted facility and make them available for inspection:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, 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, other than those required in items a. and f. of this section, required by the permit for at least three years from the date the report was prepared, unless otherwise specified by Department rule;
 - 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, unless otherwise specified by Department rule;
 - d. A copy of the current permit;
 - e. A copy of any required record drawings;
 - f. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date on the logs or schedule.

VI. Schedules

1. The permittee shall achieve compliance with the other conditions of this permit as follows:

Operational level attained	Issuance Date of permit
----------------------------	-------------------------

2. No later than 14 calendar days following a date identified in the above schedule(s) of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by an identified date, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

VII. Other Specific Conditions

A. Specific Conditions Applicable to All Permits

1. Drawings, plans, documents or specifications submitted by the permittee, not attached hereto, but retained on file at the Southeast District Office, are made a part hereof.

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2. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) Florida Statutes, applicable portions of reports to be submitted under this permit, shall be signed and sealed by the professional(s) who prepared them.
3. This permit satisfies Industrial Wastewater program permitting requirements only and does not authorize operation of this facility prior to obtaining any other permits required by local, state or federal agencies.

B. Specific Conditions Related to Construction

1. This section is not applicable to this facility.

C. Duty to Reapply

1. The permittee shall submit an application to renew this permit at least 180 days before the expiration date of this permit.
2. The permittee shall apply for renewal of this permit on the appropriate form listed in Rule 62-620.910, F.A.C., and in the manner established in Chapter 62-620, F.A.C., and the Department of Environmental Protection Guide to Wastewater Permitting including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.
3. An application filed in accordance with subsections 1. and 2. of this part shall be considered timely and sufficient. When an application for renewal of a permit is timely and sufficient, the existing permit shall not expire until the Department has taken final action on the application for renewal or until the last day for seeking judicial review of the agency order or a later date fixed by order of the reviewing court.
4. The late submittal of a renewal application shall be considered timely and sufficient for the purpose of extending the effectiveness of the expiring permit only if it is submitted and made complete before the expiration date.

D. Specific Conditions Related to Existing Manufacturing, Commercial, Mining, and Silviculture Wastewater Facilities or Activities

1. Existing manufacturing, commercial, mining, and silvicultural wastewater facilities or activities that discharge into surface waters shall notify the Department as soon as they know or have reason to believe:
 - a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels
 - (1) One hundred micrograms per liter,
 - (2) Two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter for antimony, or
 - (3) Five times the maximum concentration value reported for that pollutant in the permit application.
 - b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels
 - (1) Five hundred micrograms per liter,
 - (2) One milligram per liter for antimony, or
 - (3) Ten times the maximum concentration value reported for that pollutant in the permit application.

E. Reopener Clause

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1. The permit shall be revised, or alternatively, revoked and reissued in accordance with the provisions contained in Rules 62-620.325 and 62-620.345 F.A.C., if applicable, or to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act (the Act), as amended, if the effluent standards, limitations, or water quality standards so issued or approved:

- a. Contains different conditions or is otherwise more stringent than any condition in the permit/or;
- b. Controls any pollutant not addressed in the permit.

The permit as revised or reissued under this paragraph shall contain any other requirements then applicable.

2. The permit may be reopened to adjust effluent limitations or monitoring requirements should future Water Quality Based Effluent Limitation determinations, water quality studies, DEP approved changes in water quality standards, or other information show a need for a different limitation or monitoring requirement.
3. The Department may develop a Total Maximum Daily Load (TMDL) during the life of the permit. Once a TMDL has been established and adopted by rule, the Department shall revise this permit to incorporate the final findings of the TMDL.

VIII. General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, F.S. Any permit noncompliance constitutes a violation of Chapter 403, F.S., and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1), F.A.C.]
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 constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2), F.A.C.]
3. As provided in Subsection 403.087(6), 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 infringements of federal, state, or local laws or regulations. This permit is not a waiver of or approval 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), F.A.C.]
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), F.A.C.]
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

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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), F.A.C.]

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), F.A.C.]
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), F.A.C.]
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), F.A.C.]
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), F.A.C.]
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, F.A.C. 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), F.A.C.]
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), F.A.C.]
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), F.A.C.]
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), F.A.C.]

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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 Department approves the transfer. [62-620.610(14), F.A.C.]
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), F.A.C.]
16. The permittee shall apply for a revision to the Department permit in accordance with Rule 62-620.300, F.A.C., 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), F.A.C., 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), F.A.C.]
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), F.A.C.]
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)
 - b. If the permittee monitors any contaminate 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. Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300(4), F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - e. Fields activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, 62-160.330, and 62-160.600, F.A.C. [62-620.610(18), F.A.C.]
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), F.A.C.]
20. The permittee shall report to the Department's Southeast District Office 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

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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 untreated or treated 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 Department's Southeast District Office within 24 hours from the time the permittee becomes aware of the circumstances.

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's Southeast District Office shall waive the written report.

[62-620.610(20), F.A.C.]

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

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 preventative maintenance; and
- (3) The permittee submitted notices as required under Condition VIII.22 b. of this permit.

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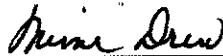
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Condition VIII 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 Condition VIII 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 provision of Condition VIII 22 a. through c. of this permit.
[62-620.610(22), F.A.C.]

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 Condition VIII 20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Condition VIII.5. of this permit
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- 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), F.A.C.]

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Mimi A. Drew
Director, Division of Water Resource Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
(850) 245-8592

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551 , 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Florida Power & Light Company
MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER

FL0001562

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

LIMIT:
CLASS SIZE:

Final
Major

REPORT:
GROUP:

Monthly
Industrial

MONITORING GROUP NUMBER: I-001

MONITORING GROUP DESC: non-contact once through condenser cooling water

COUNTY: 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
Temperature (F), Water	Sample Measurement							
PARM Code 00011 P Mon. Site No. OUL-1	Permit Requirement			Report (Day,Max.)	DEG.F		Monthly	Instantaneous
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							

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):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551 , 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Florida Power & Light Company
MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Industrial

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

MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESC: non-contact once through condenser cooling water

COUNTY: 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
Solids, Total Suspended	Sample Measurement							
PARM Code 00530 P Mon. Site No. OUI-1	Permit Requirement			Report (Day Max.)	MGL		Quarterly	Grab
pH	Sample Measurement							
PARM Code 00400 P Mon. Site No. OUI-1	Permit Requirement			Report (Day Min.)	SU		Quarterly	Grab
Salinity	Sample Measurement							
PARM Code 00480 P Mon. Site No. OUI-1	Permit Requirement			Report (Day Max.)	PPT		Quarterly	Grab
Specific Conductance	Sample Measurement							
PARM Code 00095 P Mon. Site No. OUI-1	Permit Requirement			Report (Day Max.)	UMHO/CM		Quarterly	Grab
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							

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PERMITTEE NAME: Florida Power & Light Company
MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Semiannual
GROUP: Industrial

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

MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESC: non-contact once through condenser cooling water

COUNTY: 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
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 P Mon. Site No. OUI-1	Permit Requirement					Report (Day/Max.)		UG/L		Semiannually	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 P Mon. Site No. OUI-1	Permit Requirement					Report (Day/Max.)		MG/L		Semiannually	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 P Mon. Site No. OUI-1	Permit Requirement					Report (Day/Max.)		UG/L		Semiannually	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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PERMITTEE NAME: Florida Power & Light Company
MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Industrial

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

MONITORING GROUP NUMBER: I-002
MONITORING GROUP DESC: low volume wastewater (LVW) and equipment area stormwater discharged

COUNTY: 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
pH	Sample Measurement							
PARM Code 00400 P Mon. Site No. OUI-002	Permit Requirement			Report (Day.Min.)	Report (Day.Max.)	SU	Monthly	Grab
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
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PERMITTEE NAME: Florida Power & Light Company
MAILING ADDRESS: 9760 S.W. 344 Street
 Florida City, FL 33035

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Industrial

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

MONITORING GROUP NUMBER: I-002
MONITORING GROUP DESC: low volume wastewater (LVW) and equipment area stormwater discharged

COUNTY: 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
Specific Conductance	Sample Measurement										
PARM Code 00095 P Mon. Site No. OUI-002	Permit Requirement					Report (Day/Max.)		UMHO/CM		Quarterly	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
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Florida City, FL 33035

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Semiannual
GROUP: Industrial

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

MONITORING GROUP NUMBER: I-002
MONITORING GROUP DESC: low volume wastewater (LVW) and equipment area stormwater discharged

COUNTY: 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
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. OUI-002	Permit Requirement					Report (Day Max.)		MG/L		Semiannually	Grab
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 P Mon. Site No. OUI-002	Permit Requirement					Report (Day Max.)		UG/L		Semiannually	Grab
Oil and Grease	Sample Measurement										
PARM Code 00556 P Mon. Site No. OUI-002	Permit Requirement					Report (Day Max.)		MG/L		Semiannually	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 P Mon. Site No. OUI-002	Permit Requirement					Report (Day Max.)		UG/L		Semiannually	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 P Mon. Site No. OUI-002	Permit Requirement					Report (Day Max.)		UG/L		Semiannually	Grab
	Sample Measurement										
	Permit Requirement										

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

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.