

Florida Department of
Environmental Protection

Memorandum

To: Jeff Koerner *JK*
Through: Jon Holtom *JH*
From: Tom Cascio *TC*
Date: August 1, 2011 *40M*
Subject: Final Minor Source Air Construction Permit
Project No. 0250003-015-AC
Florida Power and Light Company, Turkey Point Nuclear Plant
Replacement of Two Emergency Diesel Engines

Attached for your review is the final minor air construction permit package for the Turkey Point Nuclear Plant, which is located in Miami-Dade County, 10 miles east of Florida City on SW 344th Street, in Florida City, Florida. Briefly, the final permit authorizes replacement of two emergency diesel engines for instrument air compressors at the facility. No comments on the Draft Permit were received from the public, the Local Air Program, the EPA Region 4 Office or the applicant. I recommend your approval of the attached final permit package.

Attachments

JKH/tbc

FINAL DETERMINATION

PERMITTEE

Florida Power and Light Company
700 Universe Boulevard
Juno Beach, Florida 33408

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Office of Permitting and Compliance
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. 0250003-015-AC
Minor Air Construction Permit
Turkey Point Nuclear Plant

This air construction permit authorizes replacement of two emergency diesel engines for instrument air compressors at the facility.

NOTICE AND PUBLICATION

The Department distributed a draft minor air construction permit package on July 11, 2011. The applicant published the Public Notice in the Miami Herald on July 17, 2011. The Department received the proof of publication on July 22, 2011. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

No comments on the Draft Permit were received from the public, the Local Air Program, the EPA Region 4 Office or the applicant.

CONCLUSION

The final action of the Department is to issue the permit with no changes.



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE

Florida Power and Light Company
700 Universe Boulevard
Juno Beach, Florida 33408

Authorized Representative:
Gabriel Mendoza, Chemistry Manager

Air Permit No. 0250003-015-AC
Permit Expires: July 1, 2012
Minor Source Air Construction Permit
Turkey Point Nuclear Plant
Replacement of Emergency Diesel Engines

This is the final air construction permit, which authorizes replacement of two emergency diesel engines for instrument air compressors at the facility. The proposed work will be conducted at the Turkey Point Nuclear Plant, which is a nuclear power generation plant (Standard Industrial Classification No. 4911). The facility is located in Miami-Dade County, 10 miles east of Florida City on SW 344th Street, in Florida City, Florida. The Universal Transverse Mercator (UTM) coordinates are Zone 17,567.2 km East, and 2813.2 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit. As noted in the Final Determination provided with this final permit, no changes were made to the draft permit.

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the 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 must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida
For the Division of Air Resource Management

Jeffrey F. Koerner, P.E., Program Administrator
Office of Permitting and Compliance

8-3-11
(Date)

FINAL PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on 8-3-2011 to the persons listed below.

- Gabriel Mendoza, Florida Power and Light Company: gabriel.mendoza@fpl.com
- Kevin Washington, Florida Power and Light Company: kevin_washington@fpl.com
- Kennard F. Kosky, P.E., Golder Associates, Inc.: kkosky@golder.com
- H. Patrick Wong, Miami-Dade DERM: wongp@miamidade.gov
- Lennon Anderson, P.E., Southeast District Office: lennon.anderson@dep.state.fl.us
- Kathleen Forney, EPA Region 4: forney.kathleen@epa.gov
- Barbara Friday, DEP Office of Air Permitting and Compliance: barbara.friday@dep.state.fl.us
- Lynn Scarce, DEP Office of Air Permitting and Compliance: lynn.scarce@dep.state.fl.us

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Lynn Scarce (Clerk) August 3, 2011 (Date)

SECTION 1. GENERAL INFORMATION

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The Turkey Point Title V Source is composed of two separate co-located power plants: the Fossil Plant and the Nuclear Plant. The Nuclear Plant consists of two nuclear generating units with a combined capacity of 1,332 megawatts (MW); nine diesel emergency generators; miscellaneous diesel engines; and miscellaneous unregulated and insignificant emissions units and/or activities. The existing Nuclear Plant includes the following emissions units.

Facility ID No. 0250003	
ID No.	Emission Unit Description
005	Four 2.5 MW Diesel Emergency Generators
006	Five Other Diesel Emergency Generators
007	Miscellaneous Diesel Plant Equipment, including Air Compressor Engines

Proposed Project

This project authorizes replacement of two emergency diesel engines (currently part of Unit 007) for instrument air compressors at the facility. In the event station power is lost, Turkey Point Units 003 and 004 (nuclear reactors) have emergency generators (Unit 005) that supply critical systems including electric power for the instrument air compressors. In the event that the emergency generators cannot supply electric power for instrument air, the diesel engines provide backup power to instrument air compressors (i.e., the new instrument air compressor diesel engines are a backup to a backup system). This project will modify the following emissions unit.

Facility ID No. 0250003	
ID No.	Emission Unit Description
007	Miscellaneous Diesel Plant Equipment, including Air Compressor Engines

FACILITY REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility has units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Office of Permitting and Compliance, Division of Air Resource Management, Florida Department of Environmental Protection (Department). The Office of Permitting and Compliance's mailing address is: 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the District Office and Local Air Program. The mailing address and phone number of the Southeast District Office is: 400 North Congress Avenue, West Palm Beach, Florida 33401, 561/681-6600. The mailing address and phone number of the Local Air Program is: Miami-Dade County Department of Environmental Resources Management, 701 NW 1st Court Suite 400 Miami, Florida 33136, 305/372-6925.
3. Appendices: The following Appendices are attached as part of this permit: Appendix A. Citation Formats and Glossary of Common Terms; and Appendix B. General Conditions.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Application for Title V Permit: This permit authorizes construction of the permitted emissions units and initial operation to determine compliance with Department rules. A Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220 and Chapter 62-213, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Two Emergency Diesel Engines

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
007	Two Caterpillar C11 ACERT™ Industrial Engines, 350 brake horsepower (bhp), I-6, 4-stroke-cycle diesel engines

EQUIPMENT

- Emergency Diesel Engines: The permittee is authorized to install two diesel engines to provide backup power to instrument air compressors. [Application No. 0250003-015-AC]

The Caterpillar model C11 is an inline, six cylinder, four-stroke-cycle diesel engine. The cylinder bore has a diameter of 5.12 inches, and the stroke piston is 5.51 inches long. The engine's compression ratio is 17 to 1. When operating at 2,100 revolutions per minute (rpm), the horsepower range is 305 to 370. When operating at 1,200 revolutions per minute, the pound-feet of torque range is 1,050 to 1,450. The fuel rate at 2,100 rpm is 19.1 gallons/hour. The engines will burn ultra low sulfur diesel fuel with 15 ppm (parts per million) sulfur content by weight.

In the event station power is lost, Turkey Point Units 003 and 004 (nuclear reactors) have emergency generators (Unit 005) that supply critical systems including electric power for the instrument air compressors. In the event that the emergency generators cannot supply electric power for instrument air, the diesel engines provide backup power to instrument air compressors (i.e., the new instrument air compressor diesel engines are a backup to a backup system).

The following table provides important details for these emissions units:

E.U. ID No.	Engine Brake HP	Date of Construction	Model Year	Primary Fuel	Type of Engine	Displacement liters/cylinder (l/c)	Serial #	Date of last modification or reconstruction
007	325	01/03/11	2011	Diesel	Emergency	1.85	GLS0 3911 and GLS0 3912	N/A

PERFORMANCE RESTRICTIONS

- Permitted Capacity: The maximum allowable heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
007	5.85	Ultra low sulfur diesel fuel

Heat input may be determined by using fuel flow meters in conjunction with the heating value of the fired fuel. [Rules 62-4.160(2) & 62-210.200 (PTE), F.A.C.]

- Authorized Fuel: The Stationary Reciprocating Internal Combustion Engines (RICE) must use diesel fuel that meets the following requirements for non-road diesel fuel:
 - Sulfur Content. The sulfur content shall not exceed = 15 ppm = 0.0015% by weight (ultra low sulfur) for non-road fuel.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Two Emergency Diesel Engines

- b. *Cetane and Aromatic.* The fuel must have a minimum cetane index of 40 or must have a maximum aromatic content of 35 volume percent.

[40 CFR 60.4207(b) and 80.510(b); Application No. 0250003-015-AC and Rule 62-210.200(PTE), F.A.C.]

4. Restricted Hours of Operation:

- a. *Emergency Situations.* There is no time limit on the use of emergency stationary RICE in emergency situations. [40 CFR 60.4211(e)]
- b. *Maintenance and Testing.* Each RICE is authorized to operate for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by federal, state, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. [40 CFR 60.4211(e)]
- c. *Other Situations.* Each RICE cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity. [40 CFR 60.4219; Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

5. NO_x Emissions: Nitrogen oxides (NO_x) emissions shall not exceed 4.75 lb per million Btu heat input. This limit 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.; Application No. 0250003-015-AC]
6. Compliance with NO_x Reasonably Available Control Technology (RACT) Standard: If the owner or operator of a emissions unit subject to the requirements of this rule assumes a more stringent NO_x emissions limit than the RACT emissions limit established in subsection 62-296.570(4), F.A.C., compliance with the emissions unit's NO_x emissions limit in its air construction permit shall be considered compliance with RACT for purposes of this rule. Note that the NO_x emissions limit specified in Specific Condition 7 is more stringent than the emissions limit specified in Specific Condition 5. [Rule 62-296.570(2), F.A.C.]
7. NMHC + NO_x Emissions: Non-methane hydrocarbons (NMHC) and NO_x emissions shall not exceed 4.0 grams per kilowatt hour (g/KW-hr). [40 CFR 60.4205(b)]
8. CO Emissions: Carbon monoxide (CO) emissions shall not exceed 3.5 g/KW-hr. [40 CFR 60.4205(b)]
9. PM Emissions: Particulate matter (PM) emissions shall not exceed 0.2 g/KW-hr. [40 CFR 60.4205(b)]

TESTING REQUIREMENTS

10. NTE Standards: Exhaust emissions from stationary compression ignition (CI) internal combustion engines (ICE) that are complying with the emission standards in Specific Conditions 7. - 9. must not exceed the not to exceed (NTE) numerical requirements, rounded to the same number of decimal places as the applicable standard, determined from the following equation: $NTE = (1.25) \times (\text{Standard})$. [40 CFR 60.4212]
11. Compliance Requirements: No stack testing for compliance with emissions limits is required. The owner or operator must demonstrate compliance according to one of the methods below:
- a. *Certification.* Have purchased an engine certified according to 40 CFR Part 89 or Part 94, as applicable, for the same model year and maximum engine power.
- b. *Manufacturer Data.* Keep records of engine manufacturer data indicating compliance with the standards.

[40 CFR 60.4211(b)]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Two Emergency Diesel Engines

MONITORING REQUIREMENTS

12. Hour Meter: The owner or operator must install a non-resettable hour meter if one is not already installed. [40 CFR 60.4209(a)]
13. Operation and Maintenance: The owner or operator must operate and maintain the stationary CI internal combustion engine according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, owners and operators may only change those settings that are permitted by the manufacturer. The owner or operator must meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply. [40 CFR 60.4211(a)]

RECORDS AND REPORTS

14. Required Records: Owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner or operator must record the time of operation of the engine and the reason the engine was in operation during that time. [40 CFR 60.4214]
15. Record Retention:
 - a. The owner or operator must keep records in a suitable and readily available form for expeditious reviews.
 - b. The owner or operator must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record.[40 CFR 63.6660 and 40 CFR 63.10(b)(1)]

GENERAL PROVISIONS

16. Subpart A: The owner or operator must comply with the general provisions in 40 CFR 60 Subpart A. [40 CFR 60.4218]

SECTION 4. APPENDICES

Contents

Appendix A. Citation Formats and Glossary of Common Terms

Appendix B. General Conditions

SECTION 4. APPENDIX A

Citation Formats and Glossary of Common Terms

CITATION FORMATS

The following illustrate the formats used in the permit to identify applicable requirements from permits and regulations.

Old Permit Numbers

Example: Permit No. AC50-123456 or Permit No. AO50-123456

Where: “AC” identifies the permit as an Air Construction Permit

“AO” identifies the permit as an Air Operation Permit

“123456” identifies the specific permit project number

New Permit Numbers

Example: Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

Where: “099” represents the specific county ID number in which the project is located

“2222” represents the specific facility ID number for that county

“001” identifies the specific permit project number

“AC” identifies the permit as an air construction permit

“AF” identifies the permit as a minor source federally enforceable state operation permit

“AO” identifies the permit as a minor source air operation permit

“AV” identifies the permit as a major Title V air operation permit

PSD Permit Numbers

Example: Permit No. PSD-FL-317

Where: “PSD” means issued pursuant to the preconstruction review requirements of the Prevention of Significant Deterioration of Air Quality

“FL” means that the permit was issued by the State of Florida

“317” identifies the specific permit project number

Florida Administrative Code (F.A.C.)

Example: [Rule 62-213.205, F.A.C.]

Means: Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

GLOSSARY OF COMMON TERMS

° F: degrees Fahrenheit

AAQS: Ambient Air Quality Standard

acf: actual cubic feet

acfm: actual cubic feet per minute

ARMS: Air Resource Management System (DEP database)

BACT: best available control technology

bhp: brake horsepower

Btu: British thermal units

CAM: compliance assurance monitoring

CEMS: continuous emissions monitoring system

cfm: cubic feet per minute

SECTION 4. APPENDIX A

Citation Formats and Glossary of Common Terms

CFR: Code of Federal Regulations	NESHAP: National Emissions Standards for Hazardous Air Pollutants
CAA: Clean Air Act	NO_x: nitrogen oxides
CMS: continuous monitoring system	NSPS: New Source Performance Standards
CO: carbon monoxide	O&M: operation and maintenance
CO₂: carbon dioxide	O₂: oxygen
COMS: continuous opacity monitoring system	Pb: lead
DARM: Division of Air Resource Management	PM: particulate matter
DEP: Department of Environmental Protection	PM₁₀: particulate matter with a mean aerodynamic diameter of 10 microns or less
Department: Department of Environmental Protection	ppm: parts per million
dscf: dry standard cubic feet	ppmv: parts per million by volume
dscfm: dry standard cubic feet per minute	ppmvd: parts per million by volume, dry basis
EPA: Environmental Protection Agency	QA: quality assurance
ESP: electrostatic precipitator (control system for reducing particulate matter)	QC: quality control
EU: emissions unit	PSD: prevention of significant deterioration
F.A.C.: Florida Administrative Code	psi: pounds per square inch
F.A.W.: Florida Administrative Weekly	PTE: potential to emit
F.D.: forced draft	RACT: reasonably available control technology
F.S.: Florida Statutes	RATA: relative accuracy test audit
FGD: flue gas desulfurization	RBLC: EPA's RACT/BACT/LAER Clearinghouse
FGR: flue gas recirculation	SAM: sulfuric acid mist
Fl: fluoride	scf: standard cubic feet
ft²: square feet	scfm: standard cubic feet per minute
ft³: cubic feet	SIC: standard industrial classification code
gpm: gallons per minute	SIP: State Implementation Plan
gr: grains	SNCR: selective non-catalytic reduction (control system used for reducing emissions of nitrogen oxides)
HAP: hazardous air pollutant	SO₂: sulfur dioxide
Hg: mercury	TPD: tons/day
I.D.: induced draft	TPH: tons per hour
ID: identification	TPY: tons per year
kPa: kilopascals	TRS: total reduced sulfur
lb: pound	UTM: Universal Transverse Mercator coordinate system
MACT: maximum achievable technology	VE: visible emissions
MMBtu: million British thermal units	VOC: volatile organic compounds
MSDS: material safety data sheets	
MW: megawatt	

SECTION 4. APPENDIX B

General Conditions

The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.987(6) and 403.722(5), 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 any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

SECTION 4. APPENDIX B

General Conditions

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. 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.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (not applicable);
 - b. Determination of Prevention of Significant Deterioration (not applicable); and
 - c. Compliance with New Source Performance Standards (applicable).
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - (a) The date, exact place, and time of sampling or measurements;
 - (b) The person responsible for performing the sampling or measurements;
 - (c) The dates analyses were performed;
 - (d) The person responsible for performing the analyses;
 - (e) The analytical techniques or methods used;
 - (f) The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Scearce, Lynn

From: Scearce, Lynn
Sent: Wednesday, August 03, 2011 10:09 AM
To: 'gabriel.mendoza@fpl.com'
Cc: 'kevin_washington@fpl.com'; 'kkosky@golder.com'; 'wongp@miamidade.gov'; Anderson, Lennon; 'forney.kathleen@epa.gov'; Cascio, Tom; Holtom, Jonathan; 'Scearce, Lynn'; Friday, Barbara
Subject: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit
Attachments: 0250003-015-AC, Turkey Point Nuclear Plant_signature_page.pdf

Tracking:	Recipient	Delivery	Read
	'gabriel.mendoza@fpl.com'	✓	aug. 3rd ✓
	'kevin_washington@fpl.com'	✓	aug 3rd ✓
	'kkosky@golder.com'		
	'wongp@miamidade.gov'		
	Anderson, Lennon	Delivered: 8/3/2011 10:09 AM	Read: 8/3/2011 12:37 PM
	'forney.kathleen@epa.gov'		
	Cascio, Tom	Delivered: 8/3/2011 10:09 AM	Read: 8/3/2011 10:52 AM
	Holtom, Jonathan	Delivered: 8/3/2011 10:09 AM	Read: 8/3/2011 1:10 PM
	'Scearce, Lynn'		Read: 8/3/2011 10:10 AM
	Friday, Barbara	Delivered: 8/3/2011 10:09 AM	Read: 8/3/2011 10:51 AM
	Scearce, Lynn	Delivered: 8/3/2011 10:09 AM	

Dear Mr. Mendoza:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Attention:

Owner/Company Name: FLORIDA POWER and LIGHT (PTF)
Facility Name: TURKEY POINT POWER PLANT
Project Number: 0250003-015-AC
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: MIAMI-DADE

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0250003.015.AC.F_pdf.zip

The Office of Permitting and Compliance is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the “*Air Permit Documents Search*” website at <http://www.dep.state.fl.us/air/emission/apds/default.asp>.

Permit project documents addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Office of Permitting and Compliance.

Note: The attached document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

Regards,

Lynn Scearce

Office of Permitting and Compliance (OPC)

Division of Air Resources Management

850-717-9025

Scearce, Lynn

From: Mendoza, Gabriel [Gabriel.Mendoza@fpl.com]
To: Scearce, Lynn
Sent: Wednesday, August 03, 2011 12:26 PM
Subject: Read: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Your message was read on Wednesday, August 03, 2011 12:26:20 PM (GMT-05:00) Eastern Time (US & Canada).

Scearce, Lynn

From: Washington, Kevin [Kevin.Washington@fpl.com]
Sent: Wednesday, August 03, 2011 10:22 AM
To: Scearce, Lynn
Subject: RE: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Lynn,

I am able to access the documents.

Thank you

Kevin Washington

Project Manager

Florida Power & Light Company

From: Scearce, Lynn [mailto:Lynn.Scearce@dep.state.fl.us]
Sent: Wednesday, August 03, 2011 10:09 AM
To: Mendoza, Gabriel
Cc: Washington, Kevin; kkosky@golder.com; wongp@miamidade.gov; Anderson, Lennon; forney.kathleen@epa.gov; Cascio, Tom; Holtom, Jonathan; Scearce, Lynn; Friday, Barbara
Subject: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Dear Mr. Mendoza:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Attention:

Owner/Company Name: FLORIDA POWER and LIGHT (PTF)
Facility Name: TURKEY POINT POWER PLANT
Project Number: 0250003-015-AC
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: MIAMI-DADE

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0250003.015.AC.F_pdf.zip

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Permit project documents addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Office of Permitting and Compliance.

Note: The attached document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

Regards,

Lynn Searce

Office of Permitting and Compliance (OPC)

Division of Air Resources Management

850-717-9025

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

Scearce, Lynn

From: Microsoft Exchange
To: gabriel.mendoza@fpl.com; kevin_washington@fpl.com
Sent: Wednesday, August 03, 2011 10:09 AM
Subject: Relayed: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

gabriel.mendoza@fpl.com

kevin_washington@fpl.com

Subject: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Sent by Microsoft Exchange Server 2007

Scearce, Lynn

From: Wong, Patrick (DERM) [WongP@miamidade.gov]
To: Scearce, Lynn
Sent: Wednesday, August 03, 2011 10:09 AM
Subject: Read: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Your message was read on Wednesday, August 03, 2011 10:09:20 AM (GMT-05:00) Eastern Time (US & Canada).

Scearce, Lynn

From: Kosky, Ken [Ken_Kosky@golder.com]
To: Scearce, Lynn
Sent: Wednesday, August 03, 2011 10:17 AM
Subject: Read: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Your message was read on Wednesday, August 03, 2011 10:16:36 AM (GMT-05:00) Eastern Time (US & Canada).

Scearce, Lynn

From: Washington, Kevin [Kevin.Washington@fpl.com]
To: Scearce, Lynn
Sent: Wednesday, August 03, 2011 10:19 AM
Subject: Read: Turkey Point Nuclear Plant, 0250003-015-AC, Final Permit

Your message was read on Wednesday, August 03, 2011 10:18:34 AM (GMT-05:00) Eastern Time (US & Canada).