

Date: 11/14/97 4:28:23 PM
From: Elizabeth Walker TAL
Subject: New Posting
To: See Below

There is a new posting available on the Florida Website

TURKEY POINT
0250003001AV

Proposed

The notification letter is encoded and attached. If you have any questions, please let me know.

Thanks,
Elizabeth

Date: 10/20/97 10:24:19 AM
From: Elizabeth Walker TAL
Subject: New and Updated postings
To: See Below

There are some new postings available on the Florida Website.

UTILITY BOARD OF THE CITY OF KEY WEST
Stock Island 0870003001AV Draft
FLORIDA POWER & LIGHT 0250003001AV(Fossil) Draft
Turkey Point 0250003002AV(Nuclear) Draft
INDIAN RIVER PLANT
ORLANDO UTILITY COMMISSION 0090008001AV Draft

Also, there were some updates to the following information on our website:

TECO
HOOKERS POINT STATION 0570038001AV Draft

If you have any questions, please let me know

Thanks
Elizabeth

To: adams yolanda
To: pierce carla
To: Barbara Boutwell TAL
To: Scott Sheplak TAL
To: Terry Knowles TAL
To: gates kim
CC: Steve Welsh TAL



October 9, 1997

Mr. Steve Welsh
State of Florida
Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Draft Permit No. 0250003-002-AV
FPL Turkey Point Nuclear Plant Initial Title V Permit

Dear Mr. Welsh:

Pursuant to your conversation with Rich Piper, Scott Busa and other FPL representatives yesterday regarding the subject draft permit, enclosed please find the following documents:

1. Excerpt taken from Turkey Point Nuclear plant's Final System Analysis Report - Design Criteria for the Emergency Diesel Generators (Emission Unit 001).
2. Lead sampling results associated with personnel monitoring at the Gun Range.
3. A matrix providing the basis for the gallon-per-year proposed annual limitation for Emission Unit 003.

We would like to reiterate our contention that the main plant emergency diesel generators (Emission Unit 001 in the draft permit) can clearly be qualified as "Fire and Safety equipment" and thus qualify for the exemption provided in DEP Rule 62-210.300(3)22. We therefore urge that the Department consider exempting these units from Title V.

Please note that the Hazardous Waste storage building does not appear in the current version of the facility's DERM permit; therefore we are not including a copy of this document. DERM has indicated that they do intend to include the building in the next iteration of the permit, which is expected to be received at Turkey Point within a few weeks.

RECEIVED

OCT 13 1997

BUREAU OF
AIR REGULATION

Thank you for your prompt attention to the issues raised in this correspondence. Please do not hesitate to contact Rich Piper at (561) 691-7058 if he may be of further assistance.

Very truly yours,

Richard Piper for

Vito A. Kaminskas
Services Manager
Florida Power & Light Company

10/16/97 cc: Steve Welsh

Post-It™ brand fax transmittal memo 7871		# of pages > 2
To Rich PARR	From V. LAUDATO	
Co.	Co.	
Dept.	Phone #	
Fax # 691-7070	Fax #	

Inter-Office Correspondence

To: Turkey Point Nuclear
L.J.A.S.C.

Date: June 9, 1995

From: T.L. Moser T.M.

Department: Nuclear Division
Industrial Health &
Safety

Subject: Air Sample For Lead Exposure.

On June 5, 1995 an air quality assessment was performed at the gun range at PTN. The results for lead were well below the OSHA permissible exposure limits.

Sampling Conditions:

There was a moderate south eastern wind, the temperature was 88 degrees. Sample pumps were placed on two security officers. The sample time was approximately three hours at 2 liters per minute. The officers fired: 128 rounds of 9mm pistol
40 rounds of .223mm AR 15
8 rounds of 12 gauge shotgun

Area Conditions:

The area around the gun range was clean, there is a berm wall approximately 12 feet high north and south of the range and a berm wall to the west approximately 20 feet high.

Results:

The air samples taken, were sent to Roche Analytics Lab and the results were:
Sample 60595A was 0.008 mg/ M3
Sample 60595B was 0.010 mg/ M3
(The Permissible exposure limit (PEL) for lead is 0.05 mg/ M3).

If you have any questions or need further assistance please call me at 694-4173.

ATTACHMENT:

Copies to: Vince Laudato
Fred Marcussen
Butch Sambito

Mike Bin
Gary Mayer
Bill Korte

8 ELECTRICAL SYSTEMS

8.1 DESIGN BASIS

The electrical design of nuclear Units 3 and 4 at Turkey Point is based on the principle that each of these two units shall be self-sufficient to the extent practicable, considering shared systems/components, and shall have adequate auxiliary equipment to meet emergency conditions. The electrical system has been designed to provide sufficient normal and emergency auxiliary electrical power to assure the capability for a safe and orderly shutdown as well as continued maintenance of the units in a safe condition under all credible circumstances.

8.1.1 PRINCIPAL DESIGN CRITERIA

Performance Standards

Criterion: "Those systems and components of reactor facilities which are essential to the prevention of accidents which could affect the public health and safety or the mitigation of their consequences shall be designed, fabricated, and erected to performance standards that will enable the facility to withstand, without loss of the capability to protect the public, the additional forces that might be imposed by natural phenomena such as earthquakes, tornadoes, flooding conditions, winds, ice, and other local site effects. The design bases so established shall reflect: (a) appropriate consideration of the most severe of these natural phenomena that have been recorded for the site and the surrounding area, and (b) an appropriate margin for withstanding forces greater than those recorded to reflect uncertainties about the historical data and their suitability as a basis for design." (GDC 2)

Electrical systems and components vital to safety, including the Emergency Diesel Generators (EDGs), are designated as seismic Class/Category I and designed so their integrity is not impaired by the maximum hypothetical earthquake, wind storm, floods or disturbances on the offsite electrical system. Power, control and instrument cable systems, motors and other

**FPL Turkey Point Nuclear Plant Maximum Potential
Pollutant Emissions
for Additional Plant Equipment
(Emission Unit 3)**

Pollutant	AP-42 Emission Factor (lb/mmBtu) (diesel fuel)		S.S.G.F. Diesel (lb/hour) (diesel fuel)		Instrument Air 3 ea hydrolazers (lb/hour) (diesel fuel)		Service Water Diesel Pump (lb/hour) (diesel fuel)		6 ea. Diesel Air Compressors (lb/hour) (diesel fuel)		21 ea Rental Air Compressors (lb/hour) (diesel fuel)		Total Emissions TPY @ 400 hour per year each	Total Gallons Consumed @ 400 hours/year each
	43	15	8	7.7	44.6	12								
SOx	0.29	1.18	0.95	0.30	1.76	9.94							3.17	160,520
NOx	4.41	17.99	14.39	4.62	26.75	151.14							48.14	
CO	0.95	3.88	3.10	0.99	5.76	32.56							10.37	
PM	0.31	1.26	1.01	0.32	1.88	10.62							3.38	
VOC	0.35	1.43	1.14	0.37	2.12	12.00							3.82	

* Used 136,000 btu/gal x gph for each machine for mmBtu/hour calculation

** Estimated gph of s.s.g.f. based on horsepower rating

*** Air compressor gph is for all 6 combined (various sizes)



October 7, 1997

Mr. Scott M. Sheplak, P.E.
State of Florida
Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED

OCT 10 1997

BUREAU OF
AIR REGULATION

Re: Draft Permit No. 0250003-002-AV
FPL Turkey Point Nuclear Plant Initial Title V Permit

Dear Mr. Sheplak:

After reviewing the subject draft Title V permit, FPL has identified several issues which need to be addressed. We plan to contact you at 1:00 pm on Wednesday 10/8/97 to discuss them.

Placard Page - Please change the address to the following:

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

Section III. Emission Units and Conditions

Subsection A Diesel Generators and Engines (page 5) - FPL has discovered that in Emission Unit #2 we in fact have five (5) Other Diesel Emergency Generators, instead of the 4 originally listed in our application. There are three places on page 5 that need to be changed to reflect this; the Emission Unit ID description, paragraph one, and paragraph three. Also in paragraph three, we request that the words "and water supply" be stricken, as they do not apply to Emission Unit #2.

Essential Potential to Emit (PTE) Parameters

Specific Condition A.3. Hours of Operation - We request that the language be changed as follows:

~~No diesel engine or generator shall operate more than 400 hours per year.~~

A.3.a For Emission Unit-001, the hours of operation shall be limited to a combined total of 1,400 hours for the four main plant emergency diesel generators. This limit shall be waived whenever the diesels are being operated as required to mitigate

reactor damage or to protect the health and safety of the public from releases of radioactive material.

A.3.b. For Emission Unit 002, no diesel engine or generator shall operate more than 400 hours per year.

A.3.c. For Emission Unit 003, the hours of operation shall be considered to be less than 400 hours per year per piece of equipment as long as the total fuel consumption for all equipment included in Emission Unit 003 is less than 160,520 gallons per year.

Specific Condition A.6. - We request that the following change be made:

By this permit, annual and permit renewal compliance testing for visible emissions is not required for these emissions units while burning diesel fuel ~~for less than 400 hours per year~~ in each generator or engine **within the operating limits of Specific Conditions A.1. through A.3.**

Specific Condition A.7. - We request that the following change be made:

By this permit, annual and permit renewal compliance testing for NOx emissions is not required for these emissions units while burning diesel fuel ~~for less than 400 hours per year~~ in each generator or engine **within the operating limits of Specific Conditions A.1. through A.3.**

In order to address how heat input will be determined for compliance with Specific Condition A.1., we request that either an additional Specific Condition be added, or a footnote be added to the permit as follows:

“Heat input for the diesel generators in Emission Units 1 and 2 may be determined via the use of fuel flow measurement in conjunction with Btu analysis of the fuel oil fired”.

Appendix E-1. List of Exempt Emissions Units and/or Activities - We request that the following items be added to the list:

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 am 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 that 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.

20. Whether or not listed in this permit, any other facility, emission unit or pollution-emitting activity listed in FDEP Rule 62-210.300(a) or which may in the future be listed in Rule 62-210.300(a) and which is located at the facility.

Appendix U-1, Unregulated Emissions Units and/or Activities - We request that the list of unregulated emissions units be amended as follows:

Fugitive emissions, VOCs

Fugitive emissions, Particulate Matter

70,000 gallon No. 2 light (diesel) oil storage tank

40,400 gallon No. 2 light (diesel) oil storage tank

(4) 2000 gallon diesel fuel storage tanks

4000 gallon unleaded gasoline storage tank

2000 gallon unleaded gasoline storage tank

Unleaded gasoline dispensing facilities with monthly throughput of less than 20,000 gallons

Mineral acid (H₂SO₄) tank

Slime sucker pumps

Chemical addition tanks

Steam generator blowdown flashtank

Steam generator atmospheric dumps

Condenser air ejector vents/hogging jets

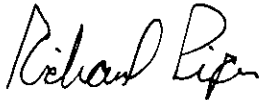
Pesticide/Herbicide application

In order to update our application, I have enclosed the following revised pages which I request that you insert in our application in the appropriate places:

1. Application Information (4 pages)
2. Facility Supplemental Information (2 pages)
3. Emissions Unit Information (4 pages)
4. Emission Point (Stack/Vent) Information (3 pages)
5. Segment (Process/Fuel) Information (1 page)
6. Emissions Unit Pollutant Detail Information (1 page)
7. Revised Attachment PTNFS_3.bmp - Facility Flow Diagram
8. Revised Attachment PTNU2D_1.bmp - Emission Unit Flow Diagram

Thank you for your prompt attention to the issues raised in this correspondence. Please do not hesitate to contact me at (561) 691-7058 if I may be of further assistance.

Very truly yours,



Richard Piper
Senior Environmental Specialist
Florida Power & Light Company

10/16/97 cc - Steve Welsh
Scott Shuplak

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy form.

Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and a brief reference to the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: Florida Power & Light Company	
2. Site Name: Turkey Point Nuclear Plant	
3. Facility Identification Number : Unknown	
4. Facility Location Information: Facility Street Address: 9760 S.W. 344 Street (10 miles east of Florida City on Palm Drive) City: Florida City County: Dade Zip Code: 33035	
5. Relocatable Facility? (Y/N): N	6. Existing Permitted Facility?(Y/N): Y

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

<p>1. Name and Title of Owner/Authorized Representative or Responsible Official: Name: Vito Kaminskas Title : Services Manager</p>
<p>2. Owner or Responsible Official Mailing Address: Organization/Firm: FPL Environmental Services Department Street Address: 9760 S.W. 344 Street City: Florida City State: FL Zip Code: 33035</p>
<p>3. Owner or Responsible Official Telephone Numbers: Telephone: 3052466090 Fax: 305 2466783</p>
<p>4. Owner or Responsible Official Statement:</p> <p><i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200 F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statues of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i></p> <p>_____ Signature</p> <p>_____ Date</p>

* Attach letter of authorization if not currently on file.

Application Contact Information

1. Name and Title of Application Contact: Name: Richard G. Piper Title: Environmental Specialist			
2. Application Contact Mailing Address: Organization/Firm: FPL Environmental Services Department Street Address: P.O. Box 14000 City: Juno Beach State: FL Zip Code: 33408			
3. Application Contact Telephone Numbers: Telephone: 5616917058 Fax: 5616917070			

Application Comment

This application is being submitted to obtain a federally-enforceable construction and operation permit for the Turkey Point Nuclear plant. The Turkey Point nuclear facility consists of two nuclear generating units with a combined capacity of 1,332 megawatts. The nuclear generating units, which are regulated by the Nuclear Regulatory Commission (NRC) are not included in this application.

The facility also contains several ancillary pieces of diesel-driven equipment (such as diesel generators and air compressors) and fuel oil storage tanks. This ancillary equipment, when considered in aggregate, has the potential to emit in excess of 100 tpy of NOx. The nuclear plants are co-located with the two Turkey Point fossil generating plants (which are major sources under Title 5). However, this application is being submitted separately from the fossil units' application, pursuant to the application instructions (page 6 of DEP Form 62-210.900(1) paragraph five): "For permits issued under Chapter 62-213, F.A.C., to sources that include emissions units subject to regulation by the Nuclear Regulatory Commission, the applicant may elect to submit multiple applications for a single Title V source and to have corresponding multiple permits issued by the Department".

The facility also contains an adjacent cooling canal system, with associated support equipment and office (Land Utilization department). Emissions from the Land Utilization equipment are primarily associated with heavy diesel equipment, such as trucks, backhoes, airboats, and the like, and are exempt from consideration in Title V permitting due to being mobile sources. Regulated emissions associated with the Land Utilization Department include fugitive dust (considered in Emission Unit section 4) and miscellaneous small diesel and gasoline-driven equipment, such as pumps and air compressors. These emissions are considered in Emission Unit 3.

This application is structured as follows: The "main plant emergency diesel generators" which supply backup power to the nuclear power plant auxiliary equipment, are addressed in Emission Unit 1 section of the application. Other diesel generators which supply backup power to certain other equipment at the facility are addressed in Emission Unit section 2 of the application. Emission Unit 3 contains information regarding miscellaneous diesel-driven small equipment at the facility. The facility's safety-related equipment, paint spray booth, sandblast enclosure, tanks, and miscellaneous fugitive emissions are considered in the Unregulated Emission Units section (Emission Unit section 4 of the application).

NOx is the pollutant that is emitted in the largest quantity from the internal combustion (diesel-driven) equipment. Facility-wide potential NOx emissions, reflective of the operating limits which FPL is proposing, are as follows:

Emission Unit 1 (4 Main plant emergency diesel generators) (1400 hours per year limit combined total)	78.44 tons per year
Emission Unit 2 (Other emergency diesel generators) (400 hours per year limit each)	6.0 tons per year
Emission Unit 3 (Miscellaneous plant equipment) (annual fuel usage limit of 160,520 gallons)	48.14 tons per year
Emission Unit 4 (Exempt Diesel Equipment)	2.16 tons per year
Total:	137.74 tons per year

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications For Facility :/

1. Area Map Showing Facility Location: PTNFS-1.BMP (Enter the Attached Document ID, NA - Not Applicable, Waived - WaiverRequested, or Attach an Electronic Submission File)
2. Facility Plot Plan: PTNFS-2.BMP (Enter the Attached Document ID, NA - Not Applicable, Waived - WaiverRequested, or Attach an Electronic Submission File)
3. Process Flow Diagram(s): PTNFS-3.BMP (Enter the Attached Document ID, NA - Not Applicable, Waived - WaiverRequested, or Attach an Electronic Submission File)
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: PTNFS-4.txt (Enter the Attached Document ID, NA - Not Applicable, Waived - WaiverRequested, or Attach an Electronic Submission File)
5. Fugitive Emissions Identification : PTNFS-5.txt (Enter the Attached Document ID, NA - Not Applicable, Waived - WaiverRequested, or Attach an Electronic Submission File)
6. Supplemental Information for Construction Permit Application: Not Applicable (Enter the Attached Document ID, NA - Not Applicable, or Attach an Electronic Submission File)

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: Not Applicable (Enter the Attached Document ID, NA - Not Applicable, or Attach an Electronic Submission File)
8. List of Equipment/Activities Regulated under Title VI: PTNFS-8.txt (Enter the Attached Document ID, NA - Not Applicable, Onsite - Equipment/Activities Onsite but not Required to be Individually Listed, or Attach an Electronic Submission File)
9. Alternative Methods of Operation: Not Applicable (Enter the Attached Document ID, NA - Not Applicable, or Attach an Electronic Submission File)
10. Alternative Modes of Operation (Emissions Trading): Not Applicable (Enter the Attached Document ID, NA - Not Applicable, or Attach an Electronic Submission File)
11. Identification of Additional Applicable Requirements: Not Applicable (Enter the Attached Document ID, NA - Not Applicable, or Attach an Electronic Submission File)

12. Compliance Assurance Monitoring Plan: Not Applicable

(Enter the Attached Document ID, NA - Not Applicable, or Attach an Electronic Submission File)

13. Risk Management Plan Verification: NA

(Enter the Attached Document ID, NA - Not Applicable, Plan Submit - Plan to be submitted to Implementing Agency by Required Date, or Attach an Electronic Submission File)

14. Compliance Report and Plan: NA

(Enter the Attached Document ID, NA - Not Applicable, or Attach an Electronic Submission File)

15. Compliance Statement (Hard-copy Required): PTNFS-14.txt

(Enter the Attached Document ID, NA - Not Applicable)

III. EMISSIONS UNIT INFORMATION

Information for Facility - ID : 1 Emission Unit # : 2

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Units? Check one:

- The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- The emissions unit addressed in this Emissions Unit Information Section is a unregulated emissions unit.

2. Single Process, Group Processes, or Fugitive Only?

Enter The Number (1-3): 1

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point(stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Auxiliary Emergency Diesel Generators
2. Emissions Unit Identification Number: Unknown (No Corresponding ID or Unknown)
3. Emission Unit Status Code: (A or C) : A
4. Acid Rain Unit? (Y/N): N
5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): This emission unit considers several pieces of equipment; the security system diesel generator, the sewage plant diesel generator, and three meteorological tower diesel generators. The initial startup dates, manufacturer and model numbers vary with each piece of equipment.

Emissions Unit Control Equipment

A. Control Equipment # :

1. Description (limit to 200 characters): None
2. Control Device or Method Code:

B. Control Equipment # :

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C. Control Equipment # :

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units)**

Emissions Unit Details

1. Initial Startup Date (DD-MON-YYYY):
2. Long-term Reserve Shutdown Date (DD-MON-YYYY):
3. Package Unit: Manufacturer: _____ Model Number: _____
4. Generator Nameplate Rating: MW
5. Incinerator Information: Dwell Temperature: °F Dwell Time: seconds Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: 4.08 mmBtu/hr
2. Maximum Incineration Rate: lbs/hr tons/day
3. Maximum Process or Throughput Rate: Units:
4. Maximum Production Rate: Units:
5. Operating Capacity Comment (limit to 200 characters): Information provided is for the security system diesel generator, which is the largest.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule: hours/day days/week weeks/yr 400 hours/yr

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

Information for Facility-ID Emission Unit # :2

1. Identification of Point on Plot Plan or Flow Diagram: PTN security system emergency diesel generator
2. Emission Point Type Code (1,2,3,4) : 3
3. Descriptions of Emissions Points Comprising this Emissions Unit : Sewage plant diesel gen., security system diesel gen., 3 meteorological tower diesel gen.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
5. Discharge Type Code (D, F, H, P, R, V, W) : v
6. Stack Height: 13 ft
7. Exit Diameter: 0.67 ft
8. Exit Temperature: 1006 °F
9. Actual Volumetric Flow Rate: 3686 acfm
10. Percent Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm
12. Nonstack Emission Point Height: ft
13. Emission Point UTM Coordinates: Zone: 17 East: 567282.32 North: 2813081.87
14. Emission Point Comment (limit to 200 characters):

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

Information for Facility-ID Emission Unit # :2

1. Identification of Point on Plot Plan or Flow Diagram: PTN sewage emergency diesel generator
2. Emission Point Type Code (1,2,3,4) : 1
3. Descriptions of Emissions Points Comprising this Emissions Unit : Sewage plant diesel gen., security system diesel gen., 3 meteorological tower diesel gen.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
5. Discharge Type Code (D, F, H, P, R, V, W) : H
6. Stack Height: 7.25 ft
7. Exit Diameter: 0.33 ft
8. Exit Temperature: 847 °F
9. Actual Volumetric Flow Rate: 1114 acfm
10. Percent Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm
12. Nonstack Emission Point Height: ft
13. Emission Point UTM Coordinates: Zone: 17 East: 567086.79 North: 2813080.89
14. Emission Point Comment (limit to 200 characters):

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

Information for Facility-ID / Emission Unit # :2

1. Identification of Point on Plot Plan or Flow Diagram: PTN meteorological tower diesel generators
2. Emission Point Type Code (1,2,3,4) : 3
3. Descriptions of Emissions Points Comprising this Emissions Unit : Sewage plant diesel gen., security system diesel gen., 3 meteorological tower diesel gen.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
5. Discharge Type Code (D, F, H, P, R, V, W) : H
6. Stack Height: 7.25 ft
7. Exit Diameter: 0.33 ft
8. Exit Temperature: 847 °F
9. Actual Volumetric Flow Rate: 1114 acfm
10. Percent Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm
12. Nonstack Emission Point Height: ft
13. Emission Point UTM Coordinates: Zone: East: North:
14. Emission Point Comment (limit to 200 characters): Stack height, exit diameter, temperature and flow rate are estimates.

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate:

Information for Facility_ID : / Emission Unit #: 2 Segment #: /

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Diesel fuel fired in the meteorological tower emergency diesel generators (3)
2. Source Classification Code (SCC): 2-01-001-02
3. SCC Units: thousand gallons
4. Maximum Hourly Rate: 0.005
5. Maximum Annual Rate: 2
6. Estimated Annual Activity Factor:
7. Maximum Percent Sulfur: 0.5
8. Maximum Percent Ash: 0.01
9. Million Btu per SCC Unit: 136
10. Segment Comment (limit to 200 characters): Information provided above is based on 5 gallons per hour of fuel consumption for the 3 met. tower generators combined.

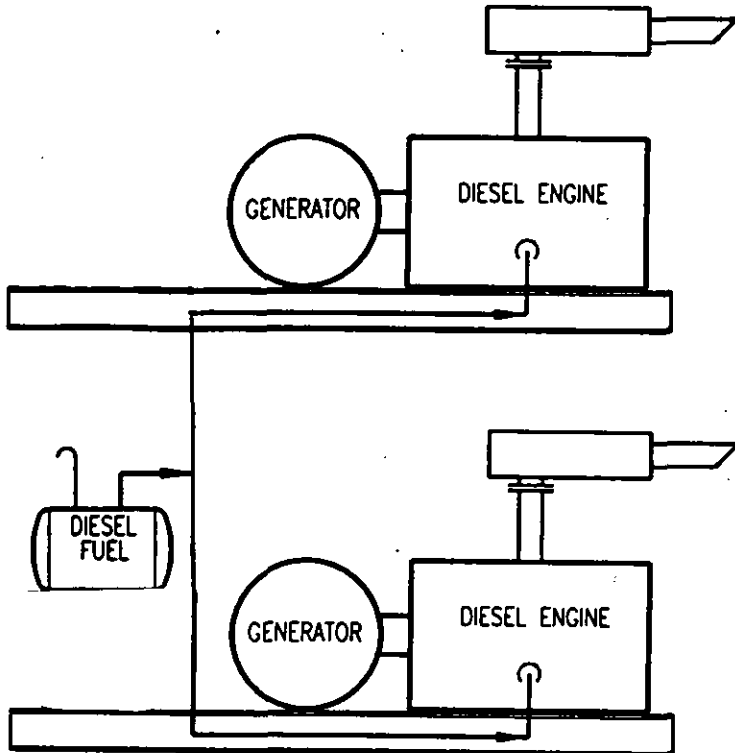
**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Information for Facility_ID: / Emission Unit #: 2 Pollutant #: /

Pollutant Detail Information

1. Pollutant Emitted: Nitrogen Oxides
2. Total Percent Efficiency of Control: %
3. Potential Emissions: 29.99 lbs/hr 6 tons/yr
4. Synthetically Limited? (Yes/No): Y
5. Range of Estimated Fugitive/Other Emissions: (1, 2, 3) : to tons/yr
6. Emission Factor: 4.41 Units lb/mmBtu Reference: AP42
7. Emissions Method Code: (0, 1, 2, 3, 4, 5): 3 <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): 4.41 lb/mmBtu x 15 gph x 0.136 mmBtu/gal = 9.0 lb/hour 4.41 lb/mmBtu x 1 gph x 0.136 mmBtu/gal = 0.6 lb/hour 4.41 lb/mmBtu x 2 gph x 0.136 mmBtu/gal x 2 = 2.4 lb/hour 4.41 lb/mmBtu x 30 gph x 0.136 mmBtu/gal = 17.99 lb/hour 9 + 0.6 + 2.4 + 17.99 = 29.99 lb/hour 29.99 lb/hour x 400 hours/year = 11,516 lb / 2,000 lb/ton = 6.0 TPY
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): FPL is requesting a 400 hour-per-year limit on each of the diesel generators in this emission unit section, in lieu of annual emission testing, per DEP Rule 62-297.340(1)(c)2..

WALKDOWN INFORMATION	ORG	BY	DATE
	ENGINEERING ORGANIZATION		
AS-BUILT INFORMATION	ORG	BY	DATE
TECHNICAL ACCEPTANCE	ORG	BY	DATE



60 METER METEOROLOGICAL TOWER
DIESEL GENERATOR

BAR CODE

0	8/22/95	ISSUED FOR TITLE V PERMIT	PWB	PWB	CSP	CSP	ETS
REV	DATE	REVISION DESCRIPTION	BY	CH	DDR	APR	ORG

	SYSTEM	YY	DISCIPLINE	M	PLANT/UNIT	TURKEY POINT NUCLEAR			
	SCALE	N/A	CAD FILE NAME	JP000637	TITLE	EMISSION UNIT FLOW DIAGRAM MISCELLANEOUS DIESELS ATTACHMENT NO. EU2D			
	DRAWING SIZE	A (8.5X11)	FPL ARCHIVE NAME	JP000637					
DRAWING NUMBER					JETS-M0022-YY	SHEET	1 OF 1	REV	0

Florida Department of
Environmental Protection

Memorandum

TO: C. H. Fancy, P.E., Chief
Bureau of Air Regulation

THROUGH: Scott M. Sheplak, P.E.

FROM: Cindy L. Phillips, P.E. *CP*

RE: Draft Title V Permit No. 0250003-002-AV
Florida Power and Light - Turkey Point Nuclear Plant

DATE: September 2, 1997

I have reviewed the referenced DRAFT permit for this power plant in **DADE COUNTY** and believe that it provides reasonable assurance of compliance with applicable rules and statutes.

Please review this DRAFT permit and, if acceptable, please sign the letter of intent and the Intent to Issue. If you would like to make any revisions, or have any questions, please let me know.

STATEMENT OF BASIS

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

Initial Title V Air Operation Permit
DRAFT Permit No.: 0250003-002-AV

This Title V air operation permit 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 in the application and approved drawings, plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

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. 0250003-002-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. 0250003-001-AV.

The Nuclear Plant consists of two nuclear generating units with a combined capacity of 1,332 megawatts, eight diesel emergency generators, and miscellaneous diesel engines. The two nuclear generating units which are regulated by the Nuclear Regulatory Commission (NRC) are not included in this application.

Specifically, emissions unit -001 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 -002 consists of four other diesel emergency generators used for the plant's security system, wastewater treatment and water supply, and meteorological assessment. These generators also fire low sulfur (0.5%) diesel fuel.

Emissions unit -003, miscellaneous diesel plant equipment, consisting of :

- (3) PTN hydrolazer diesel engines;
 - (2) PTN instrument air compressor diesel engines;
 - (1) standby steam generator feed pump diesel engine;
 - (1) PTN service water diesel pump; and
- up to 40 PTN diesel air compressors.

Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Based on the initial Title V permit application received June 12, 1996, this Title V Source is a major source of hazardous air pollutants (HAPs).



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary


P.E. Certification Statement

Permittee:
Florida Power and Light
Turkey Point Nuclear Plant

DRAFT Permit No.: 0250003-002-AV
Facility ID No.: 0250003

Project type: Initial Title V Air Operation Permit

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).



C. L. Phillips
Registration Number: 50246

(seal)

9-2-97

date

Permitting Authority:
State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/921-9534
Fax: 850/922-6979

Z 127 635 529



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent by Mr. Vito Kaminskas	
Street and No. P.O. Box 14000	
P.O., State and Zip Code Juno Beach, Florida 33408	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date FP&L - Turkey Point (Nuclear Plant) 09/08/97 DRAFT PERMIT	

PS Form 3800, March 1993

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:
Mr. Vito Kaminskas
Nuclear Services Manager
Florida Power & Light Company
P.O. Box 14000
Juno Beach, Florida 33408

5. Signature (Addressee)

6. Signature (Agent)
H. COP, 20

I also wish to receive the following services (for an extra fee):

1. Addressee's Address

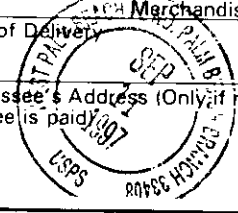
2. Restricted Delivery
Consult postmaster for fee.

4a. Article Number
2 127 635 529

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)



Thank you for using Return Receipt Service.



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

September 2, 1997

Vito Kaminskas
Nuclear Services Manager
Florida Power & Light
P.O. Box 14000
Juno Beach, FL 33408

Re: DRAFT Title V Permit No.: 0250003-002-AV
Turkey Point Nuclear Plant

Dear Mr. Kaminskas:

One copy of the DRAFT Title V Air Operation Permit for the Turkey Point Nuclear Plant located 10 miles east of Florida City on Palm Drive, 33035, Dade County, is enclosed. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" is also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" must be published as soon as possible upon receipt of this letter. This issue is important in order for you to receive your Title IV Acid Rain permit by January 1, 1998, pursuant to the Clean Air Act and Section 403.782, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Scott M. Sheplak, P.E., at the above letterhead address. If you have any other questions, please contact Steve Welsh at 850/488-1344.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/w

Enclosures

cc: Ms. Carla E. Pierce, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Yolanda V. Adams, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

In the Matter of an
Application for Permit by:

Florida Power & Light
P.O. Box 14000
Juno Beach, Florida 33408

Draft Permit No.: 0250003-002-AV
Turkey Point Nuclear Plant
Dade County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Florida Power & Light, applied on June 13, 1996, to the permitting authority for a Title V air operation permit for the Turkey Point Nuclear Plant located 10 miles east of Florida City on Palm Drive, 33035, Dade County.

The permitting authority has permitting jurisdiction 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. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.0872, F.S., and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 904/488-1344; Fax: 904/922-6979), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150(6), F.A.C.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the enclosed Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

The permitting authority will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any other person must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

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

In addition to the above, a person subject to regulation has the right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the application proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following:

A request for mediation must contain the following information:

- (a) The names, addresses, and telephone numbers of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator

separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at 410 M. Street, SW, Washington, D.C. 20460.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**



C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on 9/8/97 to the person(s) listed:

Vito Kaminskas, Plant General Manager

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) were sent by U.S. mail on the same date to the persons and agencies listed:

Kennard F. Kosky, P.E., Golder Associates
Richard Piper, FPL
Isidore Goldman, DEP Southeast District
Robert Wong, DERM

The undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT were sent by U.S. mail on the same date to the person listed:

Ms. Gail Kamaras, Legal Environmental Assistance Foundation

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.

Barbara J. Boutwell 9/8/97
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Title V DRAFT Permit No.: 0250003-002-AV
Turkey Point Nuclear Plant
Dade County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Florida Power & Light, for the Turkey Point Nuclear Plant located 10 miles east of Florida City on Palm Drive, 33035, Dade County. The applicant's name and address are: Florida Power & Light, P.O. Box 14000, Juno Beach, FL 33408.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

The permitting authority will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 904/488-9730; Fax: 904/487-4938). Petitions must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;

(e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;

(f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

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

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at 410 M. Street, SW, Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 904/488-1344
Fax: 904/922-6979

Affected District/Local Program:

FDEP Southeast District
400 North Congress Avenue, Second Floor
P. O. Box 15425,
West Palm Beach, Florida 33416-5425

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

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, P.E., at the above address, or call 850/488-1344, for additional information.

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

Initial Title V Air Operation Permit
DRAFT Permit No.: 0250003-002-AV

Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section

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

Telephone: 850/488-1344
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

August 29, 1997

Initial Title V Air Operation Permit
DRAFT Permit No.: 0250003-002-AV

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Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

Permittee:

Florida Power & Light
Turkey Point Nuclear Plant
P.O. Box 14000
Juno Beach, Florida 33408

DRAFT Permit No.: 0250003-002-AV

Facility ID No.: 0250003

SIC Nos.: 49, 4911

Project: Initial Title V Air Operation Permit

This permit is for the operation of the Turkey Point Nuclear Plant. This facility is located at 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.

STATEMENT OF BASIS: This Title V air operation permit 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 operate the Turkey Point Nuclear Plant as described in the application 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/or Activities
Appendix E-1, List of Exempt Emissions Units and/or Activities
APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97)

Effective Date: January 1, 1998

Renewal Application Due Date: July 5, 2002

Expiration Date: December 31, 2002

Howard L. Rhodes, Director
Division of Air Resources
Management

HLR/clp/sw

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. 0250003-002-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. 0250003-001-AV.

The Nuclear Plant consists of two nuclear generating units with a combined capacity of 1,332 megawatts, eight diesel emergency generators, miscellaneous diesel engines, and miscellaneous unregulated and exempt 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 application received June 12, 1996, 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

<u>E.U. ID</u>	<u>Brief Description</u>
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<u>No.</u>	
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-001	(4) 2.5 MW Diesel Emergency Generators
-002	(4) Other Diesel Emergency Generators
-003	Miscellaneous Diesel Plant Equipment
-xxx	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

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

These documents are on file with the permitting authority:

Initial Title V Permit Application received June 13, 1996

{Permitting Note: These emissions units have no previous permits.}

Section II. Facility-wide Conditions

The following conditions apply facility-wide:

1. APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97), is a part of this permit. {Permitting note: APPENDIX TV-1, 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). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and
b. certification forms and/or RMPs according to the promulgated rule schedule.
[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. Exempt Emissions Units and/or Activities. Appendix E-1, List of Exempt 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.; Proposed by applicant in the initial Title V permit application received June 12, 1996]

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. The permittee shall submit all compliance, annual operating reports and other correspondence 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

11. Any reports, data, notification, certifications, and requests required to be sent to the United States Environmental Protection Agency 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: 404/562-9095

Section III. Emissions Units and Conditions

Subsection A. Diesel Generators and Engines

<u>E.U. ID</u>	<u>Brief Description</u>
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<u>No.</u>	
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-001	(4) 2.5 MW Diesel Emergency Generators
-002	(4) Other Diesel Emergency Generators
-003	Miscellaneous Diesel Plant Equipment

The emissions units located at the Turkey Point Nuclear Plant are comprised of four large 2.5 MW diesel driven generators to provide emergency power to plant auxiliary equipment, four other emergency generators, and approximately 47 miscellaneous diesel engines used for other applications at the facility.

Specifically, emissions unit -001 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 -002 consists of 4 other diesel emergency generators used for the plant's security system, wastewater treatment and water supply, and meteorological assessment. These generators also fire low sulfur (0.5%) diesel fuel.

Emissions unit -003, miscellaneous diesel plant equipment, consisting of :

- (3) PTN hydrolazer diesel engines;
 - (2) PTN instrument air compressor diesel engines;
 - (1) standby steam generator feed pump diesel engine;
 - (1) PTN service water diesel pump; and
- up to 40 PTN diesel air compressors.

{Permitting note: These units are regulated under Reasonably Available Control Technology (RACT) - Requirements for Major VOC- and NO_x-Emitting Facilities Rule 62-297.570, F.A.C. Note: both 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 operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
-001 (each generator)	24.89 MMBtu/hr	Diesel
-002 (each generator)	4.08 MMBtu/hr	Diesel

For emission Unit -003, the combined fuel usage for all equipment shall not exceed 160,520 gallons per year of diesel fuel.

[Rules 62-4.160(2) & 62-210.200 (PTE), F.A.C., applicant requested per Title V application.]

A.2. Methods of Operation - Fuels. The only fuel authorized to be burned 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.3. Hours of Operation. No diesel engine or generator shall operate more than 400 hours per year.

[Rule 62-210.200, 62-296.570(4)(a)3., F.A.C.; applicant requested per Title V application.]

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. }

A.4. Visible Emissions. Visible emissions shall not exceed 20 percent opacity. The test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C.

[Rule 62-296.320(4)(b)1. and 4., F.A.C.]

A.5. Nitrogen Oxides. NO_x 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.]

A.6. By this permit, annual and permit renewal compliance testing for visible emissions is not required for these emissions units while burning diesel fuel for less than 400 hours per year in each generator or engine.

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

A.7. 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 per year in each generator or engine.

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

A.8. 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 and DERM.

[Rule 62-297.310(7)(c), F.A.C.]

Excess Emissions

A.9. 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.10. 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.11. 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.]

A.12. In the case of excess emissions resulting from malfunctions, the permittee shall notify DERM 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 Department or DERM.

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

Appendix U-1, List of Unregulated Emissions Units and/or Activities.
Florida Power & Light **DRAFT Permit No.: 0250003-002-AV**
Turkey Point Nuclear Station

Unregulated Emissions Units and/or 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 below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘exempt emissions units’.

E.U. ID No. Brief Description of Emissions Units and/or Activity

-xxx	Gas decay tanks
	Fuel building exhaust
	Diesel oil storage tanks
	Fuel pool
	Lube oil vapor extractor system
	Atmospheric dumps
	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
	Slime sucker pumps
	Chemical add tank
	Degasifier
	Gun Range
	70,000 gallon No. 2 light oil tank
	Diesel “day tanks”
	40,400 gallon No. 2 light oil tank

[electronic file name: 0250003N.doc]

Appendix E-1, List of Exempt Emissions Units and/or Activities

Florida Power & Light

DRAFT Permit No.: 0250003-002-AV

Turkey Point Nuclear Station

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The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Full 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 whether a facility containing such emissions units or activities would be subject to any applicable requirements. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., are also exempt from the permitting requirements of Chapter 62-213, F.A.C., provided such emissions units and activities also meet the exemption criteria of Rule 62-213.430(6)(b), F.A.C. The below listed emissions units and/or activities are hereby exempt pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or 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 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.

Appendix E-1, List of Exempt Emissions Units and/or Activities

Florida Power & Light

DRAFT Permit No.: 0250003-002-AV

Turkey Point Nuclear Station

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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.

Note: No exemption shall be granted to any emissions unit or activity if:

1. Such unit or activity would be subject to any unit-specific applicable requirement;
2. Such unit or activity, in combination with other units and activities proposed for exemption, would cause the facility to exceed any major source threshold(s) as defined in Rule 62-213.420(3)(c)1., F.A.C., unless it is acknowledged in the permit application that such units or activities would cause the facility to exceed such threshold(s); or
3. Such unit or activity would emit or have the potential to emit:
 - a. 500 pounds per year or more of lead and lead compounds expressed as lead;
 - b. 1,000 pounds per year or more of any hazardous air pollutant;
 - c. 2,500 pounds per year or more of total hazardous air pollutants; or
 - d. 5.0 tons per year or more of any other regulated pollutant.

[Rule 62-213.430(6), F.A.C.]

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

Florida Power and Light
 Turkey Point Station - Nuclear

DRAFT Permit #: 0250003-002-AV
 Facility ID #: 0250003

This table summarizes information for convenience purposes only, & does not supersede any terms or conditions of this permit.
E.U. -001, -002 All Diesel Generators and Engines

Pollutant/Parameter	Fuel	Hours/Year	Allowable Emissions			Equivalent Emissions *		Regulatory Citations	See Permit Condition
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
VE	diesel		20%					Rule 62-296.320(4)(b)4.a.	III.A.4.
NOx	diesel		4.75 lbs./MMBtu					Rule 62-296.570(4)(b)7	III.A.5.

Notes: * -- Equivalent Emissions provided for information only.

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97)

[Note: This attachment includes "canned conditions" developed from the "Title V Core List."]

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

Chapter 62-4, F.A.C.

1. General Prohibition. Any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule. The Department may issue a permit only after it receives reasonable assurance that the installation will not cause pollution in violation of any of the provisions of Chapter 403, F.S., or the rules promulgated thereunder. A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit.

[Rule 62-4.030, Florida Administrative Code (F.A.C.); Section 403.087, Florida Statute (F.S.)]

2. Not federally enforceable. Procedure to Obtain Permits: Application.

(1) Any person desiring to obtain a permit from the Department shall apply on forms prescribed by the Department and shall submit such additional information as the Department by law may require.

(2) All applications and supporting documents shall be filed in quadruplicate with the Department.

(3) To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. All applications for a Department permit shall be certified by a professional engineer registered in the State of Florida except when the application is for renewal of an air pollution operation permit at a minor facility as defined in Rule 62-210.200, F.A.C., or where professional engineering is not required by Chapter 471, F.S. Where required by Chapter 471 or 492, F.S., applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

(4) Processing fees for air construction permits shall be in accordance with Rule 62-4.050(4), F.A.C.

(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.

(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.

(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.

(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.

(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Rule 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this Subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.

(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application.

[Rule 62-4.050, F.A.C.]

3. Standards for Issuing or Denying Permits. Except as provided at Rule 62-213.460, F.A.C., the issuance of a permit does not relieve any person from complying with the requirements of Chapter 403, F.S., or Department rules.

[Rule 62-4.070(7), F.A.C.]

4. Modification of Permit Conditions.

(1) For good cause 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. For the purpose of this section, good cause shall include, but not be limited to, any of the following:

- (a) A showing that an improvement in effluent or emission quality or quantity can be accomplished because of technological advances without unreasonable hardship.
- (b) A showing that a higher degree of treatment is necessary to effect the intent and purpose of Chapter 403, F.S.
- (c) A showing of any change in the environment or surrounding conditions that requires a modification to conform to applicable air or water quality standards.
- (e) Adoption or revision of Florida Statutes, rules, or standards which require the modification of a permit condition for compliance.

(2) A permittee may request a modification of a permit by applying to the Department.

(3) A permittee may request that a permit be extended as a modification of the permit. Such a request must be submitted to the Department in writing before the expiration of the permit. Upon timely submittal of a request for extension, unless the permit automatically expires by statute or rule, the permit will remain in effect until final agency action is taken on the request. For construction permits, an extension shall be granted if the applicant can demonstrate reasonable assurances that, upon completion, the extended permit will comply with the standards and conditions required by applicable regulation. For all other permits, an extension shall be granted if the applicant can demonstrate reasonable assurances that the extended permit will comply with the standards and conditions applicable to the original permit. A permit for which the permit application fee was prorated in accordance with Rule 62-4.050(4)(1), F.A.C., shall not be extended. In no event shall a permit be extended or remain in effect longer than the time limits established by statute or rule.

[Rule 62-4.080, F.A.C.]

5. Renewals. Prior to one hundred eighty (180) days before the expiration of a permit issued pursuant to Chapter 62-213, F.A.C., the permittee shall apply for a renewal of a permit using forms incorporated by reference in the specific rule chapter for that kind of permit. A renewal application shall be timely and sufficient. If the application is submitted prior to 180 days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department or, if there is court review of the Department's final agency action, until a later date is required by Section 120.60, F.S., provided that, for renewal of a permit issued pursuant to Chapter 62-213, F.A.C., the applicant complies with the requirements of Rules 62-213.420(1)(b)3. and 4., F.A.C.

[Rule 62-4.090(1), F.A.C.]

6. Suspension and Revocation.

(1) Permits shall be effective until suspended, revoked, surrendered, or expired and shall be subject to the provisions of Chapter 403, F.S., and rules of the Department.

(2) Failure to comply with pollution control laws and rules shall be grounds for suspension or revocation.

(3) A permit issued pursuant to Chapter 62-4, F.A.C., shall not become a vested property right in the permittee. The Department may revoke any permit issued by it if it finds that the permit holder or the permit holder's agent:

- (a) Submitted false or inaccurate information in application or operational reports.
- (b) Has violated law, Department orders, rules or permit conditions.
- (c) Has failed to submit operational reports or other information required by Department rules.
- (d) Has refused lawful inspection under Section 403.091, F.S.

[Rule 62-4.100, F.A.C.]

7. **Not federally enforceable.** Financial Responsibility. The Department may require an applicant to submit proof of financial responsibility and may require the applicant to post an appropriate bond to guarantee compliance with the law and Department rules.

[Rule 62-4.110, F.A.C.]

8. Transfer of Permits.

- (1) Within 30 days after the sale or legal transfer of a permitted facility, an "Application for Transfer of Permit" (DEP Form 62-1.201(1)) must be submitted to the Department. This form must be completed with the notarized signatures of both the permittee and the proposed new permittee.
- (2) The Department shall approve the transfer of a permit unless it determines that the proposed new permittee cannot provide reasonable assurances that conditions of the permit will be met. The determination shall be limited solely to the ability of the new permittee to comply with the conditions of the existing permit, and it shall not concern the adequacy of these permit conditions. If the Department proposes to deny the transfer, it shall provide both the permittee and the proposed new permittee a written objection to such transfer together with notice of a right to request a Chapter 120, F.S., proceeding on such determination.
- (3) Within 30 days of receiving a properly completed Application for Transfer of Permit form, the Department shall issue a final determination. The Department may toll the time for making a determination on the transfer by notifying both the permittee and the proposed new permittee that additional information is required to adequately review the transfer request. Such notification shall be served within 30 days of receipt of an Application for Transfer of Permit form, completed pursuant to Rule 62-4.120(1), F.A.C. If the Department fails to take action to approve or deny the transfer within 30 days of receipt of the completed Application for Transfer of Permit form, or within 30 days of receipt of the last item of timely requested additional information, the transfer shall be deemed approved.
- (4) The permittee is encouraged to apply for a permit transfer prior to the sale or legal transfer of a permitted facility. However, the transfer shall not be effective prior to the sale or legal transfer.
- (5) Until this transfer is approved by the Department, the permittee and any other person constructing, operating, or maintaining the permitted facility shall be liable for compliance with the terms of the permit. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations occurring prior to the sale or legal transfer of the facility.

[Rule 62-4.120, F.A.C.]

9. Plant Operation-Problems. If the permittee is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules.

[Rule 62-4.130, F.A.C.]

10. For purposes of notification to the Department pursuant to Rule 62-4.130, F.A.C., Plant Operation-Problems, "immediately" shall mean the same day, if during a workday (i.e., 8:00 a.m. - 5:00 p.m.), or the first business day after the incident, excluding weekends and holidays.

[40 CFR 70.6(a)(3)(iii)(B)]

11. **Not federally enforceable.** Review. Failure to request a hearing within 14 days of receipt of notice of proposed or final agency action on a permit application or as otherwise required in Chapter 62-103, F.A.C., shall be deemed a waiver of the right to an administrative hearing.

[Rule 62-4.150, F.A.C.]

12. Permit Conditions. All permits issued by the Department shall include the following general conditions:

- (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 403.087(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 does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- (5) This permit does not relieve the permittee from liability for harm 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 F.S. 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 reasonable 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 F.S. 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.
- (10) The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.
- (11) This permit is transferable only upon Department approval in accordance with Rule 62-4.120, 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.
- (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 five (5) years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used; and,
 - 6. 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.
- [Rules 62-4.160 and 62-213.440(1)(b), F.A.C.]

13. Construction Permits.

(1) No person shall construct any installation or facility which will reasonably be expected to be a source of air or water pollution without first applying for and receiving a construction permit from the Department unless exempted by statute or Department rule. In addition to the requirements of Chapter 62-4, F.A.C., applicants for a Department Construction Permit shall submit the following as applicable:

- (a) A completed application on forms furnished by the Department.
- (b) An engineering report covering:
 - 1. plant description and operations,
 - 2. types and quantities of all waste material to be generated whether liquid, gaseous or solid,
 - 3. proposed waste control facilities,
 - 4. the treatment objectives,
 - 5. the design criteria on which the control facilities are based, and,
 - 6. other information deemed relevant.

Design criteria submitted pursuant to Rule 62-4.210(1)(b)5., F.A.C., shall be based on the results of laboratory and pilot-plant scale studies whenever such studies are warranted. The design efficiencies of the proposed waste treatment facilities and the quantities and types of pollutants in the treated effluents or emissions shall be indicated. Work of this nature shall be subject to the requirements of Chapter 471, F.S. Where confidential records are involved, certain information may be kept confidential pursuant to Section 403.111, F.S.

- (c) The owners' written guarantee to meet the design criteria as accepted by the Department and to abide by Chapter 403, F.S. and the rules of the Department as to the quantities and types of materials to be discharged from the installation. The owner may be required to post an appropriate bond or other equivalent evidence of financial responsibility to guarantee compliance with such conditions in instances where the owner's financial resources are inadequate or proposed control facilities are experimental in nature.

(2) The construction permit may contain conditions and an expiration date as determined by the Secretary or the Secretary's designee.

(3) When the Department issues a permit to construct, the permittee shall be allowed a period of time, specified in the permit, to construct, and to operate and test to determine compliance with Chapter 403, F.S., and the rules of the Department and, where applicable, to apply for and receive an operation permit. The Department may require tests and evaluations of the treatment facilities by the permittee at his/her expense.

[Rule 62-4.210, F.A.C.]

14. Operation Permit for New Sources. To properly apply for an operation permit for new sources, the applicant shall submit certification that construction was completed noting any deviations from the conditions in the construction permit and test results where appropriate.

[Rule 62-4.220, F.A.C.]

Chapter 62-103, F.A.C.

15. Public Notice, Public Participation, and Proposed Agency Action. The permittee shall comply with all of the requirements for public notice, public participation, and proposed agency action pursuant to Rule 62-103.150 and Rule 62-210.350, F.A.C.

[Rules 62-103.150, 62-210.350 and 62-213.430(1)(b), F.A.C.]

16. Administrative Hearing. The permittee shall comply with all of the requirements for a petition for administrative hearing or waiver of right to administrative proceeding pursuant to Rule 61-103.155, F.A.C.

[Rule 62-103.155, F.A.C.]

Chapter 62-204, F.A.C.

17. Asbestos. This permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. This permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Compliance with Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, Section 61.145, is required for any asbestos demolition or renovation at the source.

[40 CFR 61; Rule 62-204.800, F.A.C.; and, Chapter 62-257, F.A.C.]

Chapter 62-210. F.A.C.

18. Permits Required. The owner or operator of any emissions unit which emits or can reasonably be expected to emit any air pollutant shall obtain an appropriate permit from the Department prior to beginning construction, modification, or initial or continued operation of the emissions unit unless exempted pursuant to Department rule or statute. All emissions limitations, controls, and other requirements imposed by such permits shall be at least as stringent as any applicable limitations and requirements contained in or enforceable under the State Implementation Plan (SIP) or that are otherwise federally enforceable. Except as provided at Rule 62-213.460, F.A.C., issuance of a permit does not relieve the owner or operator of any emissions unit from complying with applicable emission limiting standards or other requirements of the air pollution rules of the Department, or any other applicable requirements under federal, state, or local law.

(1) Air Construction Permits. An air construction permit shall be obtained by the owner or operator of any proposed new or modified facility or emissions unit prior to the beginning of construction or modification, in accordance with all applicable provisions of Chapters 62-210, 62-212 and 62-4, F.A.C. The construction permit shall be issued for a period of time sufficient to allow construction or modification of the facility or emissions unit and operation while the new or modified facility or emissions unit is conducting tests or otherwise demonstrating initial compliance with the conditions of the construction permit.

(2) Air Operation Permits. Upon expiration of the air operation permit for any existing facility or emissions unit, subsequent to construction or modification and demonstration of initial compliance with the conditions of the construction permit for any new or modified facility or emissions unit, or as otherwise provided in Chapter 62-210 or Chapter 62-213, the owner or operator of such facility or emissions unit shall obtain a renewal air operation permit, an initial air operation permit, or an administrative correction or revision of an existing air operation permit, whichever is appropriate, in accordance with all applicable provisions of Chapter 62-210, Chapter 62-213, and Chapter 62-4, F.A.C.

(a) Minimum Requirements for All Air Operation Permits. At a minimum, a permit issued pursuant to this subsection shall:

1. Specify the manner, nature, volume and frequency of the emissions permitted, and the applicable emission limiting standards or performance standards, if any;
2. Require proper operation and maintenance of any pollution control equipment by qualified personnel, where applicable in accordance with the provisions of any operation and maintenance plan required by the air pollution rules of the Department.
3. Contain an effective date stated in the permit which shall not be earlier than the date final action is taken on the application and be issued for a period, beginning on the effective date, as provided below.

a. The operation permit for an emissions unit which is in compliance with all applicable rules and in operational condition, and which the owner or operator intends to continue operating, shall be issued or renewed for a five-year period, except that, for Title V sources subject to Rule 62-213.420(1)(a)1., F.A.C., operation permits shall be extended until 60 days after the due date for submittal of the facility's Title V permit application as specified in Rule 62-213.420(1)(a)1., F.A.C.

b. Except as provided in Rule 62-210.300(2)(a)3.d., F.A.C., the operation permit for an emissions unit which has been shut down for six months or more prior to the expiration date of the current operation permit, shall be renewed for a period not to exceed five years from the date of shutdown, even if the emissions unit is not maintained in operational condition, provided:

- (i) the owner or operator of the emissions unit demonstrates to the Department that the emissions unit may need to be reactivated and used, or that it is the owner's or operator's intent to apply to the Department for a permit to construct a new emissions unit at the facility before the end of the extension period; and,
- (ii) the owner or operator of the emissions unit agrees to and is legally prohibited from providing the allowable emission permitted by the renewed permit as an emissions offset to any other person under Rule 62-212.500, F.A.C.; and,
- (iii) the emissions unit was operating in compliance with all applicable rules as of the time the source was shut down.

c. Except as provided in Rule 62-210.300(2)(a)3.d., F.A.C., the operation permit for an emissions unit which has been shut down for five years or more prior to the expiration date of the current operation permit shall be renewed for a maximum period not to exceed ten years from the date of shutdown, even if the emissions unit is not maintained in operational condition, provided the conditions given in Rule 62-210.300(2)(a)3.b., F.A.C., are met and the owner or operator demonstrates to the Department that failure to renew the permit would constitute a hardship, which may include economic hardship.

d. The operation permit for an electric utility generating unit on cold standby or long-term reserve shutdown shall be renewed for a five-year period, and additional five-year periods, even if the unit is not maintained in operational condition, provided the conditions given in Rules 62-210.300(2)(a)3.b.(i) through (iii), F.A.C., are met.

4. In the case of an emissions unit permitted pursuant to Rules 62-210.300(2)(a)3.b., c., and d., F.A.C., include reasonable notification and compliance testing requirements for reactivation of such emissions unit and provide that the owner or operator demonstrate to the Department prior to reactivation that such reactivation would not constitute reconstruction pursuant to Rule 62-204.800(7), F.A.C.

[Rules 62-210.300(1) & (2), F.A.C.]

19. Notification of Startup. The owner or operator of any emissions unit or facility which has a valid air operation permit and which has been shut down more than one (1) year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of sixty (60) days prior to the intended startup date.

(a) The notification shall include the planned startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.

(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.

[Rule 62-210.300(5), F.A.C.]

20. Emissions Unit Reclassification.

(a) Any emissions unit whose operation permit has been revoked as provided for in Chapter 62-4, F.A.C., shall be deemed permanently shut down for purposes of Rule 62-212.500, F.A.C. Any emissions unit whose permit to operate has expired without timely renewal or transfer may be deemed permanently shut down, provided, however, that no such emissions unit shall be deemed permanently shut down if, within 20 days after receipt of written notice from the Department, the emissions unit owner or operator demonstrates that the permit expiration resulted from inadvertent failure to comply with the requirements of Rule 62-4.090, F.A.C., and that the owner or operator intends to continue the emissions unit in operation, and either submits an application for an air operation permit or complies with permit transfer requirements, if applicable.

(b) If the owner or operator of an emissions unit which is so permanently shut down, applies to the Department for a permit to reactivate or operate such emissions unit, the emissions unit will be reviewed and permitted as a new emissions unit.

[Rule 62-210.300(6), F.A.C.]

21. Public Notice and Comment.

(1) Public Notice of Proposed Agency Action.

(a) Notwithstanding any discretionary public notice requirements contained in Rule 62-103.150(2)(a), F.A.C., a notice of proposed agency action on permit application, where the proposed agency action is to issue the permit, shall be published by any applicant for:

1. A construction permit for any proposed new or modified facility or emissions unit;
2. An operation permit, permit renewal or permit revision subject to Rule 62-210.300(2)(b), F.A.C.; or
3. An operation permit, permit renewal, or permit revision subject to Chapter 62-213, F.A.C., except those permit revisions meeting the requirements of Rule 62-213.412(1), F.A.C.

(b) The notice required by Rule 62-210.350(1)(a), F.A.C., shall be published in accordance with all otherwise applicable provisions of Rule 62-103.150, F.A.C.

(2) Additional Public Notice Requirements for Emissions Units Subject to Prevention of Significant Deterioration or Nonattainment-Area Preconstruction Review.

(a) Before taking final agency action on a construction permit application for any proposed new or modified facility or emissions unit subject to the preconstruction review requirements of Rule 62-212.400 or 62-212.500, F.A.C., the Department shall comply with all applicable provisions of Rule 62-103.150, F.A.C., and provide an opportunity for public comment which shall include as a minimum the following:

1. A complete file available for public inspection in at least one location in the district affected which includes the information submitted by the owner or operator, exclusive of confidential records under Section 403.111, F.S., and the Department's analysis of the effect of the proposed construction or modification on ambient air quality, including the Department's preliminary determination of whether the permit should be approved or disapproved;
2. A 30-day period for submittal of public comments; and.

3. A notice, by advertisement in a newspaper of general circulation in the county affected, specifying the nature and location of the proposed facility or emissions unit, whether BACT or LAER has been determined, the degree of PSD increment consumption expected, if applicable, and the location of the information specified in paragraph 1. above; and notifying the public of the opportunity for submitting comments and requesting a public hearing.
- (b) The notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall be prepared by the Department and published by the applicant in accordance with all applicable provisions of Rule 62-103.150, F.A.C., except that the applicant shall cause the notice to be published no later than thirty (30) days prior to final agency action.
- (c) A copy of the notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall also be sent by the Department to the Regional Office of the U. S. Environmental Protection Agency and to all other state and local officials or agencies having cognizance over the location of such new or modified facility or emissions unit, including local air pollution control agencies, chief executives of city or county government, regional land use planning agencies, and any other state, Federal Land Manager, or Indian Governing Body whose lands may be affected by emissions from the new or modified facility or emissions unit.
- (d) A copy of the notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall be displayed in the appropriate district, branch and local program offices.
- (e) An opportunity for public hearing shall be provided in accordance with Chapter 120, F.S., and Rule 62-103.150, F.A.C.
- (f) Any public comments received shall be made available for public inspection in the location where the information specified in Rule 62-210.350(2)(a)1., F.A.C., is available and shall be considered by the Department in making a final determination to approve or deny the permit.
- (g) The final determination shall be made available for public inspection at the same location where the information specified in Rule 62-210.350(2)(a)1., F.A.C., was made available.
- (h) For a proposed new or modified emissions unit which would be located within 100 kilometers of any Federal Class I area or whose emissions may affect any Federal Class I area, and which would be subject to the preconstruction review requirements of Rule 62-212.400, F.A.C., or Rule 62-212.500, F.A.C.:
1. The Department shall mail or transmit to the Administrator a copy of the initial application for an air construction permit and notice of every action related to the consideration of the permit application.
 2. The Department shall mail or transmit to the Federal Land Manager of each affected Class I area a copy of any written notice of intent to apply for an air construction permit; the initial application for an air construction permit, including all required analyses and demonstrations; any subsequently submitted information related to the application; the preliminary determination and notice of proposed agency action on the permit application; and any petition for an administrative hearing regarding the application or the Department's proposed action. Each such document shall be mailed or transmitted to the Federal Land Manager within fourteen (14) days after its receipt by the Department.
- (3) Additional Public Notice Requirements for Facilities Subject to Operation Permits for Title V Sources.
- (a) Before taking final agency action to issue a new, renewed, or revised air operation permit subject to Chapter 62-213, F.A.C., the Department shall comply with all applicable provisions of Rule 62-103.150, F.A.C., and provide an opportunity for public comment which shall include as a minimum the following:
1. A complete file available for public inspection in at least one location in the district affected which includes the information submitted by the owner or operator, exclusive of confidential records under Section 403.111, F.S.; and
 2. A 30-day period for submittal of public comments.
- (b) The notice provided for in Rule 62-210.350(3)(a), F.A.C., shall be prepared by the Department and published by the applicant in accordance with all applicable provisions of Rule 62-103.150, F.A.C., except that the applicant shall cause the notice to be published no later than thirty (30) days prior to final agency action.
- (c) The notice shall identify:
1. The facility;
 2. The name and address of the office at which processing of the permit occurs;
 3. The activity or activities involved in the permit action;
 4. The emissions change involved in any permit revision;
 5. The name, address, and telephone number of a Department representative from whom interested persons may obtain additional information, including copies of the permit draft, the application, and all relevant supporting materials, including any permit application, compliance plan, permit, monitoring report, and compliance statement required pursuant to Chapter 62-213, F.A.C. (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), and all other materials available to the Department that are relevant to the permit decision;
 6. A brief description of the comment procedures required by Rules 62-103.150 and 62-210.350(3), F.A.C.;
 7. The time and place of any hearing that may be held, including a statement of procedure to request a hearing (unless a hearing has already been scheduled); and,

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

8. The procedures by which persons may petition the Administrator to object to the issuance of the proposed permit after expiration of the Administrator's 45-day review period.

[Rule 62-210.350, F.A.C.]

22. Administrative Permit Corrections.

(1) A facility owner shall notify the Department by letter of minor corrections to information contained in a permit. Such notifications shall include:

- (a) Typographical errors noted in the permit;
- (b) Name, address or phone number change from that in the permit;
- (c) Any other similar minor administrative change at the source; and,
- (d) A change requiring more frequent monitoring or reporting by the permittee.
- (e) Changes listed at 40 CFR 72.83(a)(1), (2), (6), (9) and (10), hereby adopted and incorporated by reference, to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o;
- (f) Changes listed at 40 CFR 72.83(a)(11), hereby adopted and incorporated by reference, to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o, provided the notification is accompanied by a copy of any EPA determination concerning the similarity of the change to those listed at Rule 17-210.360(1)(e).

(2) Upon receipt of such notifications the Department shall within 60 days correct the permit and provide a corrected copy to the owner.

(3) For facilities subject to Chapter 62-213, F.A.C., a copy shall be provided to EPA and any approved local air program in the county where the facility or any part of the facility is located.

(4) The Department shall incorporate requirements resulting from issuance of new or revised construction permits into existing operation permits issued pursuant to Chapter 62-213, F.A.C., if the construction permit revisions incorporate requirements of federally enforceable preconstruction review and if the applicant requests at the time of application that all of the requirements of Rule 62-213.430(1), F.A.C., be complied with in conjunction with the processing of the construction permit application.

[Rule 62-210.360, F.A.C.]

23. Reports.

(3) Annual Operating Report for Air Pollutant Emitting Facility.

(a) The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed each year.

(c) The annual operating report shall be submitted to the appropriate Department District or Department approved local air pollution control program office by March 1 of the following year unless otherwise indicated by permit condition or Department request.

[Rule 62-210.370(3), F.A.C.]

24. Circumvention. No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]

25. Forms and Instructions. The forms used by the Department in the stationary source control program are adopted and incorporated by reference in this section. The forms are listed by rule number, which is also the form number, with the subject, title and effective date. Copies of forms may be obtained by writing to the Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

(1) Application for Air Permit - Long Form, Form and Instructions.

- (a) Acid Rain Part (Phase II), Form and Instructions.
 - 1. Repowering Extension Plan, Form and Instructions.
 - 2. New Unit Exemption, Form and Instructions.
 - 3. Retired Unit Exemption, Form and Instructions.

(b) Reserved.

(5) Annual Operating Report (AOR) for Air Pollutant Emitting Facility, Form and Instructions.

[Rule 62-210.900, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

Chapter 62-213, F.A.C.

26. Annual Emissions Fee. Each Title V source permitted to operate in Florida must pay between January 15 and March 1 of each year, upon written notice from the Department, an annual emissions fee in accordance with Rule 62-213.205, F.A.C., and the appropriate form and associated instructions.

[Rules 62-213.205 and 62-213.900(1), F.A.C.]

27. Annual Emissions Fee. Failure to pay timely any required annual emissions fee, penalty, or interest constitutes grounds for permit revocation pursuant to Rule 62-4.100, F.A.C.

[Rule 62-213.205(1)(g), F.A.C.]

28. Annual Emissions Fee. Any documentation of actual hours of operation, actual material or heat input, actual production amount, or actual emissions used to calculate the annual emissions fee shall be retained by the owner for a minimum of five (5) years and shall be made available to the Department upon request.

[Rule 62-213.205(1)(j), F.A.C.]

29. Annual Emissions Fee. DEP Form 62-213.900(1), F.A.C., "Major Air Pollution Source Annual Emissions Fee Form", must be completed by the permittee and submitted with the annual emissions fee.

[Rule 62-213.205(4), F.A.C.]

30. Air Operation Permit Fees. After December 31, 1992, no permit application processing fee, renewal fee, modification fee or amendment fee is required for an operation permit for a Title V source.

[Rule 62-213.205(5), F.A.C.]

31. Permits and Permit Revisions Required. All Title V sources are subject to the permit requirements of Chapter 62-213, F.A.C.

[Rule 62-213.400, F.A.C.]

32. No Title V source may operate except in compliance with Chapter 62-213, F.A.C.

[Rule 62-213.400(1), F.A.C.]

33. Changes Without Permit Revision. Title V sources having a valid permit issued pursuant to Chapter 62-213, F.A.C., may make the following changes without permit revision, provided that sources shall maintain source logs or records to verify periods of operation in each alternative method of operation:

(1) Permitted sources may change among those alternative methods of operation allowed by the source's permit as provided by the terms of the permit;

(2) Permitted sources may implement the terms or conditions of a new or revised construction permit if:

(a) The application for construction permit complied with the requirements of Rule 62-213.420(3) and (4), F.A.C.;

(b) The terms or conditions were subject to federally enforceable preconstruction review pursuant to Chapter 62-212, F.A.C.; and,

(c) The new or revised construction permit was issued after the Department and the applicant complied with all the requirements of Rule 62-213.430(1), F.A.C.;

(3) A permitted source may implement operating changes after the source submits any forms required by any applicable requirement and provides the Department and EPA with at least 7 days written notice prior to implementation. The source and the Department shall attach each notice to the relevant permit;

(a) The written notice shall include the date on which the change will occur, and a description of the change within the permitted source, the pollutants emitted and any change in emissions, and any term or condition becoming applicable or no longer applicable as a result of the change;

(b) The permit shield described in Rule 62-213.460, F.A.C., shall not apply to such changes;

(4) Permitted sources may implement changes involving modes of operation only in accordance with Rule 62-213.415, F.A.C.

[Rule 62-213.410, F.A.C.]

34. Immediate Implementation Pending Revision Process.

(1) Those permitted Title V sources making any change that constitutes a modification pursuant to paragraph (a) of the definition of modification at Rule 62-210.200, F.A.C., but which would not constitute a modification pursuant to paragraph (b) of the same definition, may implement such change prior to final issuance of a permit revision in accordance with Rule 62-213.412, F.A.C., provided the change:

- (a) Does not violate any applicable requirement;
- (b) Does not contravene any permit term or condition for monitoring, testing, recordkeeping or reporting, or any compliance certification requirement;
- (c) Does not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis under the provisions of Chapter 62-212 or 62-296, F.A.C.;
- (d) Does not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject including any federally enforceable emissions cap or federally enforceable alternative emissions limit.

(2) A Title V source may immediately implement such changes after they have been incorporated into the terms and conditions of a new or revised construction permit issued pursuant to Chapter 62-212, F.A.C., and after the source provides to EPA, the Department, each affected state and any approved local air program having geographic jurisdiction over the source, a copy of the source's application for operation permit revision. The Title V source may conform its application for construction permit to include all information required by Rule 62-213.420, F.A.C., in lieu of submitting separate application forms.

(3) The Department shall process the application for operation permit revision in accordance with the provisions of Chapter 62-213, F.A.C., except that the Department shall issue a draft permit revision or a determination to deny the revision within 60 days of receipt of a complete application for operation permit revision or, if the Title V source has submitted a construction permit application conforming to the requirements of Rule 62-213.420, F.A.C., the Department shall issue a draft permit or a determination to deny the revision at the same time the Department issues its determination on issuance or denial of the construction permit application. The Department shall not take final action until all the requirements of Rule 62-213.430(1)(a), (c), (d), and (e), F.A.C., have been complied with.

(4) Pending final action on the operation permit revision application, the source shall implement the changes in accordance with the terms and conditions of the source's new or revised construction permit.

(5) The permit shield described in Rule 62-213.460, F.A.C., shall not apply to such changes until after the Department takes final action to issue the operation permit revision.

(6) If the Department denies the source's application for operation permit revision, the source shall cease implementation of the proposed changes.

[Rule 62-213.412, F.A.C.]

35. Permit Applications.

(1) Duty to Apply. For each Title V source, the owner or operator shall submit a timely and complete permit application in compliance with the requirements of Rules 62-213.420, 62-4.050(1) & (2), and 62-210.900, F.A.C.

(a) Timely Application.

3. For purposes of permit renewal, a timely application is one that is submitted in accordance with Rule 62-4.090, F.A.C.

(b) Complete Application.

1. Any applicant for a Title V permit, permit revision or permit renewal must submit an application on DEP Form No. 62-210.900(1), which must include all the information specified by Rule 62-213.420(3), F.A.C., except that an application for permit revision must contain only that information related to the proposed change. The applicant shall include information concerning fugitive emissions and stack emissions in the application. Each application for permit, permit revision or permit renewal shall be certified by a responsible official in accordance with Rule 62-213.420(4), F.A.C.

2. For those applicants submitting initial permit applications pursuant to Rule 62-213.420(1)(a)1., F.A.C., a complete application shall be an application that substantially addresses all the information required by the application form number 62-210.900(1), and such applications shall be deemed complete within sixty days of receipt of a signed and certified application unless the Department notifies the applicant of incompleteness within that time. For all other applicants, the applications shall be deemed complete sixty days after receipt, unless the Department, within sixty days after receipt of a signed application for permit, permit revision or permit renewal, requests additional documentation or information needed to process the application. An applicant making timely and complete application for permit, or timely application for permit renewal as described by Rule 62-4.090(1), F.A.C., shall continue to operate the source

under the authority and provisions of any existing valid permit or Florida Electrical Power Plant Siting Certification, provided the applicant complies with all the provisions of Rules 62-213.420(1)(b)3. and 4., F.A.C. Failure of the Department to request additional information within sixty days of receipt of a properly signed application shall not impair the Department's ability to request additional information pursuant to Rules 62-213.420(1)(b)3. and 4., F.A.C.

3. For those permit applications submitted pursuant to the provisions of Rule 62-213.420(1)(a)1., F.A.C., the Department shall notify the applicant if the Department becomes aware at any time during processing of the application that the application contains incorrect or incomplete information. The applicant shall submit the corrected or supplementary information to the Department within ninety days unless the applicant has requested and been granted additional time to submit the information. Failure of an applicant to submit corrected or supplementary information requested by the Department within ninety days or such additional time as requested and granted shall render the application incomplete.

4. For all applications other than those addressed at Rule 62-213.420(1)(b)3., F.A.C., should the Department become aware, during processing of any application that the application contains incorrect information, or should the Department become aware, as a result of comment from an affected State, an approved local air program, EPA, or the public that additional information is needed to evaluate the application, the Department shall notify the applicant within 30 days. When an applicant becomes aware that an application contains incorrect or incomplete information, the applicant shall submit the corrected or supplementary information to the Department. If the Department notifies an applicant that corrected or supplementary information is necessary to process the permit, and requests a response, the applicant shall provide the information to the Department within ninety days of the Department request unless the applicant has requested and been granted additional time to submit the information or, the applicant shall, within ninety days, submit a written request that the Department process the application without the information. Failure of an applicant to submit corrected or supplementary information requested by the Department within ninety days, or such additional time as requested and granted, or to demand in writing within ninety days that the application be processed without the information shall render the application incomplete. Nothing in this section shall limit any other remedies available to the Department.

[Rules 62-213.420(1)(a)3. and 62-213.420(1)(b)1., 2., 3. & 4., F.A.C.]

36. Confidential Information. Whenever an applicant submits information under a claim of confidentiality pursuant to Section 403.111, F.S., the applicant shall also submit a copy of all such information and claim directly to EPA.

[Rule 62-213.420(2), F.A.C.]

37. Standard Application Form and Required Information. Applications shall be submitted under Chapter 62-213, F.A.C., on forms provided by the Department and adopted by reference in Rule 62-210.900(1), F.A.C. The information as described in Rule 62-210.900(1), F.A.C., shall be included for the Title V source and each emissions unit. An application must include information sufficient to determine all applicable requirements for the Title V source and each emissions unit and to evaluate a fee amount pursuant to Rule 62-213.205, F.A.C.

[Rule 62-213.420(3), F.A.C.]

38. Certification by Responsible Official (RO). 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, the statements and information in the document are true, accurate, and complete.

[Rule 62-213.420(4), F.A.C.]

39.a. Permit Renewal and Expiration. Permits being renewed are subject to the same requirements that apply to permit issuance at the time of application for renewal. Permit renewal applications shall contain that information identified in Rules 62-210.900(1) and 62-213.420(3), F.A.C. Unless a Title V source submits a timely application for permit renewal in accordance with the requirements of Rule 62-4.090(1), F.A.C., the existing permit shall expire and the source's right to operate shall terminate.

b. Permit Revision Procedures. Permit revisions shall meet all requirements of Chapter 62-213, F.A.C., including those for content of applications, public participation, review by approved local programs and affected states, and review by EPA, as they apply to permit issuance and renewal, except that permit revisions for those activities implemented pursuant to Rule 62-213.412, F.A.C., need not meet the requirements of Rule 62-213.430(1)(b), F.A.C. The Department shall require permit revision in accordance with the provisions of Rule 62-4.080, F.A.C., and 40 CFR 70.7(f), whenever any source becomes

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

subject to any condition listed at 40 CFR 70.7(f)(1), hereby adopted and incorporated by reference. The below requirements from 40 CFR 70.7(f) are adopted and incorporated by reference in Rule 62-213.430(4), F.A.C.:

o 40 CFR 70.7(f): Reopening for Cause.

(1) This section contains provisions from 40 CFR 70.7(f) that specify the conditions under which a Title V permit shall be reopened prior to the expiration of the permit. A Title V permit shall be reopened and revised under any of the following circumstances:

(i) Additional applicable requirements under the Act become applicable to a major Part 70 source with a remaining permit term of 3 or more years. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii).

(ii) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approved by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

(iii) The permitting authority or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

(iv) The Administrator or the permitting authority determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(2) Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

(3) Reopenings under 40 CFR 70.7(f)(1) shall not be initiated before a notice of such intent is provided to the Part 70 source by the permitting authority at least 30 days in advance of the date that the permit is to be reopened, except that the permitting authority may provide a shorter time period in the case of an emergency.

[Rules 62-213.430(3) & (4), F.A.C.; and, 40 CFR 70.7(f)]

40. Permit Duration. Operation permits for Title V sources may not be extended as provided in Rule 62-4.080(3), F.A.C., if such extension will result in a permit term greater than five (5) years.

[Rule 62-213.440(1)(a), F.A.C.]

41. Monitoring Information. All records of monitoring information shall specify the date, place, and time of sampling or measurement and the operating conditions at the time of sampling or measurement, the date(s) analyses were performed, the company or entity that performed the analyses, the analytical techniques or methods used, and the results of such analyses.

[Rule 62-213.440(1)(b)2.a., F.A.C.]

42. Retention of Records. Retention of records of all monitoring data and support information shall be for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

[Rule 62-213.440(1)(b)2.b., F.A.C.]

43. Monitoring Reports. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports.

[Rule 62-213.440(1)(b)3.a., F.A.C.]

44. Deviation from Permit Requirements Reports. The permittee shall report in accordance with the requirements of Rules 62-210.700(6) and 62-4.130, F.A.C., any deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken.

[Rule 62-213.440(1)(b)3.b., F.A.C.]

45. Reports. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), F.A.C.

[Rule 62-213.440(1)(b)3.c., F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

46. If any portion of the final permit is invalidated, the remainder of the permit shall remain in effect.
[Rule 62-213.440(1)(d)1., F.A.C.]
47. It shall not be a defense for a permittee in an enforcement action that maintaining compliance with any permit condition would necessitate halting of or reduction of the source activity.
[Rule 62-213.440(1)(d)3., F.A.C.]
48. A Title V source shall comply with all the terms and conditions of the existing permit until the Department has taken final action on any permit renewal or any requested permit revision, except as provided at Rule 62-213.412(2), F.A.C.
[Rule 62-213.440(1)(d)4., F.A.C.]
49. A situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3), hereby adopted and incorporated by reference.
[Rule 62-213.440(1)(d)5., F.A.C.]
50. Confidentiality Claims. Any permittee may claim confidentiality of any data or other information by complying with Rule 62-213.420(2), F.A.C.
[Rule 62-213.440(1)(d)6., F.A.C.]
51. Statement of Compliance. The permittee shall submit a statement of compliance with all terms and conditions of the permit. Such statement shall be submitted to the Department and EPA annually, or more frequently if specified by Rule 62-213.440(2), F.A.C., or by any other applicable requirement. The statement of compliance shall include the identity of each term or condition of the permit for which each unit has remained in compliance during the period covered by the statement. The statement shall include identification of all methods used to demonstrate compliance and identification of each term or condition of the permit for which any unit has not remained in compliance during the period covered by the statement. For each term or condition for which the source has not remained in compliance during the period covered by the statement, the statement shall also identify each unit not in compliance and each term and condition with which the unit was not in compliance and state the inclusive dates that the source was not in compliance, the actions taken to achieve compliance and the method used to demonstrate compliance. Such statement shall be accompanied by a certification by a responsible official, in accordance with Rule 62-213.420(4), F.A.C.
[Rule 62-213.440(3), F.A.C.]
52. Permit Shield. Except as provided in Chapter 62-213, F.A.C., compliance with the terms and conditions of a permit issued pursuant to Chapter 62-213, F.A.C., shall be deemed compliance with any applicable requirements in effect as of the date of permit issuance, provided that the source included such applicable requirements in the permit application. Nothing in Rule 62-213.460, F.A.C., or in any permit shall alter or affect the ability of EPA or the Department to deal with an emergency, the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance, or the requirements of the Federal Acid Rain Program.
[Rule 62-213.460, F.A.C.]
53. Forms and Instructions. The forms used by the Department in the Title V source operation program are adopted and incorporated by reference in Rule 62-213.900, F.A.C. The form is listed by rule number, which is also the form number, and with the subject, title, and effective date. Copies of forms may be obtained by writing to the Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, or by contacting the appropriate permitting authority.
(1) Major Air Pollution Source Annual Emissions Fee (AEF) Form.
[Rule 62-213.900(1), F.A.C.]
Chapter 62-256, F.A.C.
54. Not federally enforceable. Open Burning. This permit does not authorize any open burning nor does it constitute any waiver of the requirements of Chapter 62-256, F.A.C. Source shall comply with Chapter 62-256, F.A.C., for any open burning at the source.
[Chapter 62-256, F.A.C.]

Chapter 62-281, F.A.C.

55. Refrigerant Requirements. Any facility having refrigeration equipment, including air conditioning equipment, which uses a Class I or II substance (listed at 40 CFR 82, Subpart A, Appendices A and B), and any facility which maintains, services, or repairs motor vehicles using a Class I or Class II substance as refrigerant must comply with all requirements of 40 CFR 82, Subparts B and F, and with Rule 62-281.100, F.A.C. Those requirements include the following restrictions:

- (1) Any facility having any refrigeration equipment normally containing 50 (fifty) pounds of refrigerant, or more, must keep servicing records documenting the date and type of all service and the quantity of any refrigerant added pursuant to 40 CFR 82.166;
 - (2) No person repairing or servicing a motor vehicle may perform any service on a motor vehicle air conditioner (MVAC) involving the refrigerant for such air conditioner unless the person has been properly trained and certified as provided at 40 CFR 82.34 and 40 CFR 82.40, and properly uses equipment approved pursuant to 40 CFR 82.36 and 40 CFR 82.38, and complies with 40 CFR 82.42;
 - (3) No person may sell or distribute, or offer for sale or distribution, any substance listed as a Class I or Class II substance at 40 CFR 82, Subpart A, Appendices A and B, except in compliance with Rule 62-281.100, F.A.C., and 40 CFR 82.34(b), 40 CFR 82.42, and/or 40 CFR 82.166;
 - (4) No person maintaining, servicing, repairing, or disposing of appliances may knowingly vent or otherwise release into the atmosphere any Class I or Class II substance used as a refrigerant in such equipment and no other person may open appliances (except MVACs as defined at 40 CFR 82.152) for service, maintenance or repair unless the person has been properly trained and certified pursuant to 40 CFR 82.161 and unless the person uses equipment certified for that type of appliance pursuant to 40 CFR 82.158 and unless the person observes the practices set forth at 40 CFR 82.156 and 40 CFR 82.166;
 - (5) No person may dispose of appliances (except small appliances, as defined at 40 CFR 82.152) without using equipment certified for that type of appliance pursuant to 40 CFR 82.158 and without observing the practices set forth at 40 CFR 82.156 and 40 CFR 82.166;
 - (6) No person may recover refrigerant from small appliances, MVACs and MVAC-like appliances (as defined at 40 CFR 82.152), except in compliance with the requirements of 40 CFR 82, Subpart F.
- [40 CFR 82: and, Chapter 62-281, F.A.C. (Chapter 62-281, F.A.C., is not federally enforceable)]

Chapter 62-296, F.A.C.

56. **Not federally enforceable until SIP approved.** Industrial, Commercial, and Municipal Open Burning Prohibited. Open burning in connection with industrial, commercial, or municipal operations is prohibited, except when:

- (a) Open burning is determined by the Department to be the only feasible method of operation and is authorized by an air permit issued pursuant to Chapter 62-210 or 62-213, F.A.C.; or
- (b) An emergency exists which requires immediate action to protect human health and safety; or
- (c) A county or municipality would use a portable air curtain incinerator to burn yard trash generated by a hurricane, tornado, fire or other disaster and the air curtain incinerator would otherwise be operated in accordance with the permitting exemption criteria of Rule 62-210.300(3), F.A.C.

[Rule 62-296.320(3), F.A.C.]

57. Unconfined Emissions of Particulate Matter.

(4)(c)1. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any emissions unit whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.

3. Reasonable precautions may include, but shall not be limited to the following:

- a. Paving and maintenance of roads, parking areas and yards.
- b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar emissions units.
- d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the emissions unit to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- e. Landscaping or planting of vegetation.
- f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- g. Confining abrasive blasting where possible.
- h. Enclosure or covering of conveyor systems.

4. In determining what constitutes reasonable precautions for a particular facility, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

[Rules 62-296.320(4)(c)1., 3., & 4. F.A.C.]

[electronic file name: tv-1.doc]



FPL
ENVIRONMENTAL SERVICES DEPARTMENT
PO BOX 14000
JUNO BEACH, FLORIDA 33408

DATE: October 7, 1997

SEND TO:

NAME: Scott Sheplak

COMPANY: FDEP

FAX NUMBER: 850 922 6979

PHONE NUMBER: _____

FROM: RICH PIPER

PHONE NUMBER: (561) 691- 7058

FAX NUMBER: (561) 691- 7070

NUMBER OF PAGES (INCLUDING COVER SHEET): 5

COMMENTS/INSTRUCTIONS:

Scott - These are our comments on the Turkey Point Nuclear
draft permit application. I will send you revised pages for updating our
application via US mail. Talk to you tomorrow afternoon.

Rich



Florida Power & Light Company, Environmental Services Dept., P.O. Box 14000, Juno Beach, FL 33408

October 7, 1997

Mr. Scott M. Sheplak, P.E.
State of Florida
Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Draft Permit No. 0250003-002-AV
FPL Turkey Point Nuclear Plant Initial Title V Permit

Dear Mr. Sheplak:

After reviewing the subject draft Title V permit, FPL has identified several issues which need to be addressed. We plan to contact you at 1:00 pm on Wednesday 10/8/97 to discuss them.

Placard Page - Please change the address to the following:

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

Section III. Emission Units and Conditions

Subsection A Diesel Generators and Engines (page 5) - FPL has discovered that in Emission Unit #2 we in fact have five (5) Other Diesel Emergency Generators, instead of the 4 originally listed in our application. There are three places on page 5 that need to be changed to reflect this; the Emission Unit ID description, paragraph one, and paragraph three. Also in paragraph three, we request that the words "and water supply" be stricken, as they do not apply to Emission Unit #2.

Essential Potential to Emit (PTE) Parameters

Specific Condition A.3. Hours of Operation - We request that the language be changed as follows:

~~No diesel engine or generator shall operate more than 400 hours per year.~~

A.3.a For Emission Unit-001, the hours of operation shall be limited to a combined total of 1,400 hours for the four main plant emergency diesel generators. This limit shall be waived whenever the diesels are being operated as required to mitigate

reactor damage or to protect the health and safety of the public from releases of radioactive material.

A.3.b. For Emission Unit 002, no diesel engine or generator shall operate more than 400 hours per year.

A.3.c. For Emission Unit 003, the hours of operation shall be considered to be less than 400 hours per year per piece of equipment as long as the total fuel consumption for all equipment included in Emission Unit 003 is less than 160,520 gallons per year.

Specific Condition A.6. - We request that the following change be made:

By this permit, annual and permit renewal compliance testing for visible emissions is not required for these emissions units while burning diesel fuel ~~for less than 400 hours per year~~ in each generator or engine within the operating limits of Specific Conditions A.1. through A.3.

Specific Condition A.7. - We request that the following change be made:

By this permit, annual and permit renewal compliance testing for NOx emissions is not required for these emissions units while burning diesel fuel ~~for less than 400 hours per year~~ in each generator or engine within the operating limits of Specific Conditions A.1. through A.3.

In order to address how heat input will be determined for compliance with Specific Condition A.1., we request that either an additional Specific Condition be added, or a footnote be added to the permit as follows:

"Heat Input for the diesel generators in Emission Units 1 and 2 may be determined via the use of fuel flow measurement in conjunction with Btu analysis of the fuel oil fired".

Appendix E-1, List of Exempt Emissions Units and/or Activities - We request that the following items be added to the list:

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 am 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 that 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.

20. Whether or not listed in this permit, any other facility, emission unit or pollution-emitting activity listed in FDEP Rule 62-210.300(a) or which may in the future be listed in Rule 62-210.300(a) and which is located at the facility.

Appendix U-1, Unregulated Emissions Units and/or Activities - We request that the list of unregulated emissions units be amended as follows:

Fugitive emissions, VOCs

Fugitive emissions, Particulate Matter

70,000 gallon No. 2 light (diesel) oil storage tank

40,400 gallon No. 2 light (diesel) oil storage tank

(4) 2000 gallon diesel fuel storage tanks

4000 gallon unleaded gasoline storage tank

2000 gallon unleaded gasoline storage tank

Unleaded gasoline dispensing facilities with monthly throughput of less than 20,000 gallons

Mineral acid (H₂SO₄) tank

Slime sucker pumps

Chemical addition tanks

Steam generator blowdown flashtank

Steam generator atmospheric dumps

Condenser air ejector vents/hogging jets

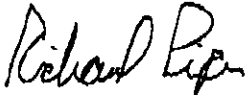
Pesticide/Herbicide application

In order to update our application, I have enclosed the following revised pages which I request that you insert in our application in the appropriate places:

1. Application Information (4 pages)
2. Facility Supplemental Information (2 pages)
3. Emissions Unit Information (4 pages)
4. Emission Point (Stack/Vent) Information (3 pages)
5. Segment (Process/Fuel) Information (1 page)
6. Emissions Unit Pollutant Detail Information (1 page)
7. Revised Attachment PTNFS_3.bmp - Facility Flow Diagram
8. Revised Attachment PTNU2D_1.bmp - Emission Unit Flow Diagram

Thank you for your prompt attention to the issues raised in this correspondence. Please do not hesitate to contact me at (561) 691-7058 if I may be of further assistance.

Very truly yours,



Richard Piper
Senior Environmental Specialist
Florida Power & Light Company

10/9/97 cc: Scott Stapleton
Steve Welsh



FLORIDA POWER & LIGHT COMPANY

FAX COVER SHEET

Turkey Point Nuclear Plant
9760 SW 344 Street
Florida City, Florida 33035
Fax: 305-246-6783

Barbara
KUI

DATE: 10/1/97

TIME: 11:00 AM

TO: Scott Sheplak
FDER

PHONE: (850) 488-1344

FAX: (850) 922-6979

FROM: Al Gould

PHONE:

FAX:

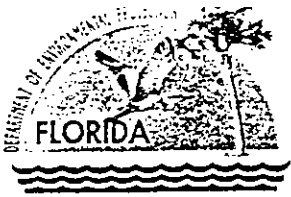
RE: Publication of Public Notice for Permit NO. 0250003-2 + 0250003-1

Number of pages including cover sheet: 3

FPL
Turkey Point Nuclear Plant
Turkey Point Fossil Plant

Message:

My understanding is that the Department should
have received this notice direct from the Miami
Herald. However, since you have not seen it, I
am, at your suggestion, faxing you a copy
to ensure you receive notification within
7 days of publication. Thank you.



- 17 copy -
0250003-002-AV
Nuclear

Lawton Chiles
Governor

FROM: SCOTT M. SHEPLAK, P.E.
PROFESSIONAL ENGINEER
BUREAU OF AIR REGULATION

STATE OF FLORIDA
DEPT. OF ENVIRONMENTAL PROTECTION
DIV. OF AIR RESOURCES MANAGEMENT
MAIL STATION #5505
2600 BLAIR STONE ROAD
TALLAHASSEE, FL 32399-2400

PHONE: (904) 488-1344
FAX: (904) 922-6979
E-MAIL: SHEPLAK_S@DEP.STATE.FL.US
WEB SITE: http://www.dep.state.fl.us

Virginia B. Wetherell
Secretary

FAX TRANSMITTAL SHEET

TO: Mr. Rick Prier, FP&L

DATE: 9/23/97 FAX # 561/691-7070

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 4

Re: Combined Public Notice Turkey Point

COMMENTS: _____

PHONE: _____

FAX NUMBER: 904/922-6979

If there are any problems with this fax transmittal, please call the above phone number.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMITS

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Turkey Point Power Plants
Title V DRAFT Permit No.: 0250003-001-AV (Fossil Plant)
Title V DRAFT Permit No.: 0250003-002-AV (Nuclear Plant)
Dade County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue Title V air operation permits to Florida Power & Light, for the Turkey Point Fossil and Nuclear Plants located 9.5 miles east of Florida City on SW 344 Street, Florida City, 33034, Dade County. The applicant's name and address are: Florida Power & Light, P.O. Box 14000, Juno Beach, FL 33408.

The permitting authority will issue the Title V PROPOSED Permits, and subsequent Title V FINAL Permits, in accordance with the conditions of the Title V DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change to either DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

The permitting authority will issue the permits with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 904/488-9730; Fax: 904/487-4938). Petitions must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;

(d) A statement of the material facts disputed by the petitioner, if any;

(e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;

(f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

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

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at 401 M. Street, SW, Washington, D.C. 20460.

A complete project file for both the nuclear and fossil plants is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 904/488-1344
Fax: 904/922-6979

Affected District/Local Program:

FDEP Southeast District
400 North Congress Avenue, Second Floor
P. O. Box 15425
West Palm Beach, Florida 33416-5425

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

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, P.E., at the above address, or call 850/488-1344, for additional information.

File Copy

Florida Department of
Environmental Protection

Memorandum

TO: Isidore Goldman, SED

FROM: Bruce Mitchell *RM*

DATE: April 8, 1997

SUBJECT: Completeness Review of an Application Package for a Title V Operation Permit
Florida Power & Light Co., Turkey Point : 0250003-001-AV

Enclosed is an application package for a Title V operation permit that is being processed in Tallahassee. Please review the package for completeness and respond in writing by May 9, 1997, if you have any comments. Otherwise, no response is required.

It is very important to verify the compliance statement regarding the facility, since we do not have a readily effective means of determining compliance at the time the application was submitted. Please advise if you know of any emissions unit(s) that were not in compliance at that time and provide supporting information. You should have a copy on file of the original initial Title V permit application submittal. Also, please do not write on these documents.

If there are any questions, please call the project engineer, Steve Welsh, at 904/488-1344 or SC: 278-1344.

RBM/bjb

Enclosure

cc: Joe Kahn

Steve Welsh
Reading File