

Docket Nos 50-250
50-251

AUG 14 1975

Florida Power & Light Company
ATTN: Dr. Robert E. Uhrig
Vice President
P. O. Box 013100
Miami, Florida 33101

Gentlemen:

In response to your request dated December 17, 1974, the NRC staff has completed its review and has issued Amendment No. 11 with its attachment, Change No.23 to Facility Operating License No. DPR-31 and Amendment No.10 with its attachment, Change No.23 to Facility Operating License No. DPR-41 for the Turkey Point Nuclear Plant, Units 3 and 4, respectively. These changes revise appropriate sections in the Appendix B Environmental Technical Specifications for the respective licenses.

The amendments authorize you to substitute fish traps for the present method of seining and trawling to obtain fish samples at the same eight stations used for plankton collections. Additionally, the amendments permit you to utilize gill nets to collect fish samples at four of these stations which are situated in waters deep enough to permit the use of this fisheries method.

The staff has evaluated the potential environmental impact of operating the plant in accordance with these amendments and has concluded that there will be no change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. The amendments revise fishery techniques only and should provide more extensive data and result in a more effective fish monitoring program at the Turkey Point site. Having made this determination, the Commission has further concluded, pursuant to 10 CFR 51.5(d)(4), that an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

The amendments address fishery techniques only and do not involve new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. The Commission has also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by the proposed action.

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These amendments and the associated revised pages to the Appendix B Environmental Technical Specifications are enclosed together with the related Federal Register Notice.

Sincerely,

Original signed by

George Lear, Chief
Operating Reactors Branch No. 3
Division of Reactor Licensing

Enclosures:

1. Amendment No.11 to DPR-31
w/ Change No. 23
2. Amendment No.10 to DPR-41
w/ Change No. 23
3. Federal Register Notice

cc: w/Enclosures: See next page

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C. Haupt: mh

7/16/75

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	SURNAME	RCleveland	GWKnighton	DRMuller	DElliott	GLear	
	DATE	7/24/75	8/4/75	8/6/75	8/6/75	7/24/75	8/6/74

AUG 14 1975

Florida Power & Light Company

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cc: w/enclosure

Jack R. Newman, Esquire
Lowenstein, Newman, Reis & Axelrad
1025 Connecticut Avenue, N. W.
Suite 1214
Washington, D. C. 20036

Mr. Ed Maroney
Bureau of Intergovernmental Relations
725 South Bronough Street
Tallahassee, Florida 32304

Honorable Ray Goode
County Manager of Metropolitan
Dade County
Miami, Florida 33130

Mr. Dave Hopkins
Environmental Protection Agency
Region IV Office
1421 Peachtree Street, N. E.
Atlanta, Georgia 30309

Environmental & Urban Affairs Library
Florida International University
Miami, Florida 33199

Mr. Sheldon Meyers
Office of Federal Activities
Environmental Protection Agency
Room W-541, Waterside Mall
401 M. Street, S. W.
Washington, D. C. 20460

AUG 14 1975

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

TURKEY POINT NUCLEAR PLANT, UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 11
License No. DPR-31

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Florida Power and Light Company dated December 17, 1974, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the license, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations; and
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.
2. Accordingly, Paragraph 3.B. of Facility License No. DPR-31 is hereby amended to read as follows:

"B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the

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license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 23 ."

3. This license amendment is effective as of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

George Lear, Chief
Operating Reactors Branch 3
Division of Reactor Licensing

Attachment:
Change No. 23 to the Technical
Specifications

Date of Issuance AUG 14 1975

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AUG 14 1975

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 11 TO FACILITY OPERATING LICENSE
NO. DPR-31 CHANGE NO. 23 TO THE TECHNICAL SPECIFICATIONS

" AMENDMENT NO. 10 TO FACILITY OPERATING LICENSE
NO. DPR-41 CHANGE NO. 23 TO THE TECHNICAL SPECIFICATIONS

FLORIDA POWER & LIGHT COMPANY

TURKEY POINT PLANT, UNITS NOS. 3 AND 4

DOCKET NOS. 50-250 AND 50-251

Revise Appendix B as follows:

Insert new page 12a.

components of the aquatic community of the Turkey Point cooling canal system. The results obtained will be compared with condenser cooling water data and sediment chemistry data to detect any biological changes that may be the result of operation of the Turkey Point power plant units. This information will be further compared with the three years of baseline data on the biological characteristics of the adjacent Biscayne Bay/Card Sound estuary system already collected by the University of Miami in a program jointly funded by the AEC and FPL.

- a. Plankton: Water samples for plankton analysis will be collected monthly at each of eight stations.

Phytoplankton: Samples will be taken monthly and analyzed quantitatively in terms of sample volume to establish the dominant genera of the community, biomass, and pigment (chlorophyll "a") content. Primary productivity will also be determined monthly.

Zooplankton: Samples will be taken monthly and analyzed quantitatively in terms of sample volume to determine taxonomic groups present, their relative abundance, biomass, and life history stage.

- b. Fish: Fish samples will be collected monthly by fish traps at the same eight stations used for plankton collections. In addition, gill nets will be employed at the four plankton stations located in waters of sufficient depth to permit the effective use of this fisheries technique. All samples will be analyzed for species present, their relative abundance, their life history stage, biomass, and size distribution.

Change 23

In the event of exceptional kills in the cooling system canals, notification shall be made within 24 hours by telephone or telegraph to the Office of Inspection and Enforcement.

Change 23

- c. Benches: Sediment samples will be collected monthly at the same locations as plankton and analyzed for:

Characteristics of the Soil: Samples will be analyzed for pH, salinity, conductivity, and the presence of selected nutrients. These data will be compared with samples collected from three aquatic control areas outside the cooling canal system itself.

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FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-251

TURKEY POINT NUCLEAR PLANT, UNIT 4

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 10
License No. DPR-41

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Florida Power and Light Company dated December 20, 1974, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the license, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations; and
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.
2. Accordingly, Paragraph 3.B. of Facility License No. DPR-41 is hereby amended to read as follows:

"B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the

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license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 23."

3. This license amendment is effective as of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

George Lear, Chief
Operating Reactors Branch 3
Division of Reactor Licensing

Attachment:
Change No. 23 to the Technical
Specifications

Date of Issuance: AUG 14 1975

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DATE >

AUG 14 1975

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 11 TO FACILITY OPERATING LICENSE
NO. DPR-31 CHANGE NO. 23 TO THE TECHNICAL SPECIFICATIONS

AMENDMENT NO. 10 TO FACILITY OPERATING LICENSE
NO. DPR-41 CHANGE NO. 23 TO THE TECHNICAL SPECIFICATIONS

FLORIDA POWER & LIGHT COMPANY

TURKEY POINT PLANT, UNITS NOS. 3 AND 4

DOCKET NOS. 50-250 AND 50-251

Revise Appendix B as follows:

Insert new page 12a

components of the aquatic community of the Turkey Point cooling canal system. The results obtained will be compared with condenser cooling water data and sediment chemistry data to detect any biological changes that may be the result of operation of the Turkey Point power plant units. This information will be further compared with the three years of baseline data on the biological characteristics of the adjacent Biscayne Bay/Card Sound estuary system already collected by the University of Miami in a program jointly funded by the AEC and FPL.

- a. Plankton: Water samples for plankton analysis will be collected monthly at each of eight stations.

Phytoplankton: Samples will be taken monthly and analyzed quantitatively in terms of sample volume to establish the dominant genera of the community, biomass, and pigment (chlorophyll "a") content. Primary productivity will also be determined monthly.

Zooplankton: Samples will be taken monthly and analyzed quantitatively in terms of sample volume to determine taxonomic groups present, their relative abundance, biomass, and life history stage.

- b. Fish: Fish samples will be collected monthly by fish traps at the same eight stations used for plankton collections. In addition, gill nets will be employed at the four plankton stations located in waters of sufficient depth to permit the effective use of this fisheries technique. All samples will be analyzed for species present, their relative abundance, their life history stage, biomass, and size distribution.

Change 23

In the event of exceptional kills in the cooling system canals, notification shall be made within 24 hours by telephone or telegraph to the Office of Inspection and Enforcement.

Change 23

- c. Benthos: Sediment samples will be collected monthly at the same locations as plankton and analyzed for:

Characteristics of the Soil: Samples will be analyzed for pH, salinity, conductivity, and the presence of selected nutrients. These data will be compared with samples collected from three aquatic control areas outside the cooling canal system itself.

AUG 14 1975

Docket Nos. 50-250
and 50-251

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Docketing and Service Section
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FEDERAL REGISTER NOTICE OF ISSUANCE OF FACILITY LICENSE AMENDMENT
FOR THE TURKEY POINT NUCLEAR PLANT, UNITS 3 AND 4

Two signed originals of a Federal Register Notice identified as follows
are enclosed for transmittal to the Office of the Federal Register for
filing and publication.

FLORIDA POWER AND LIGHT COMPANY

DOCKET NOS. 50-250 AND 50-251

TURKEY POINT NUCLEAR PLANT, UNITS 3 AND 4

NOTICE OF ISSUANCE OF FACILITY LICENSE AMENDMENTS

Twelve additional conformed copies are enclosed for your use.

Original signed by
George W. Knighton

George W. Knighton, Chief
Environmental Projects Branch No. 1
Division of Reactor Licensing

Enclosure:
As stated

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DATE➤	2/27/75	7/16/75	3/1/75	8/4/75		

AUG 14 1975

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-250 AND 50-251

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT NUCLEAR PLANT, UNITS 3 AND 4

NOTICE OF ISSUANCE OF FACILITY LICENSE AMENDMENTS

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments Nos. 11 and 10 to Facility Operating Licenses Nos. DPR-31 and DPR-41, respectively, issued to Florida Power and Light Company which revised the Technical Specifications for operation of the Turkey Point Nuclear Plant, Units 3 and 4, located in Dade County, Florida. The amendments are effective as of their issuance.

The amendments permit the licensee to substitute fish traps for the present method of seining and trawling to collect fish samples at the same eight stations used for plankton collections. It also permits the use of gill nets at four of these stations which are situated in waters deep enough to permit the use of this fisheries method. The amendments revise fishery techniques only, and involve no significant environmental impacts nor new safety issues not previously reviewed by the Commission.

Having made this determination, the Commission has further concluded pursuant to 10 CFR 51.5(d)(4) that no environmental statement, negative declaration or environmental impact appraisal needs to be prepared in connection with the issuance of these amendments.

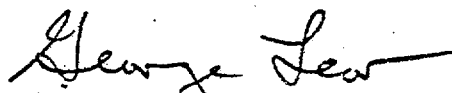
The application for the amendments complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendments. Prior public notice of these amendments is not required since the amendments do not involve a significant hazards consideration.

For further details with respect to this action, see (1) the application for amendments dated December 17, 1974, (2) Amendment No. 11 to License No. DPR-31, with Change No. 23 and (3) Amendment No. 10 to License No. DPR-41, with Change No. 23. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. and the Environmental & Urban Affairs Library, Florida International University, Miami, Florida 33199.

A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this 14th day of August 1975.

FOR THE NUCLEAR REGULATORY COMMISSION


George Lear, Chief
Operating Reactors Branch 3
Division of Reactor Licensing