July 10, 1975

Dockets Nos. 50-250 251

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

Gentlemen:

DISTRIBUTION:

NRC PDR	BScharf (15)
Local PDR	PCollins
Dockets (2)	SVarga
ORB#3 rdg	CHebron
OELD	ACRS (14)
OI&E (3)	AESteen
NDube	DEisenhut
BJones (4)	TBAbernathy
JMMcGough	Gray file
JSaltzman	extra cps
RIngram	
DElliott	
JGuibert	
GLear	
SKari	

The Commission has issued the enclosed Amendment No. 8 to Facility Operating License No. DPR-31 and Amendment No. 7 to Facility Operating License No. DPR-41 for Turkey Point Nuclear Generating Units 3 and 4. These amendments include Change No. 20 to the joint Technical Specifications and are in response to your request dated September 19, 1974, and letters dated September 19 and December 23, 1974.

These amendments modify those portions of the licenses and Technical Specifications which relate to the receipt, possession and use of byproduct, source, and special nuclear material.

Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

/s/

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

Enclosures:
1. Amendment No. 8
2. Amendment No. 7
3. Safety Evaluation
4. Federal Register Notice

cc: See next page

SEE PREVIOUS YELLOW FOR CONCURRENCES

OFFICE ➤	ORB#3					
SURNAME ➤	GLear GL					
DATE ➤	7/ 9 /75					

DISTRIBUTION:
NRC PDR PCollins
Local PDR SVarga
Dockets (2) CHebron (Amed only)
ORB#3 rdg ACRS (14)
OELD AESteen
OI&E (3) TBAbernathy
NDube
BJones (w/4 encls)
JMMcGough
JSaltzman, OAI (w/o TS)
~~SATSSKK~~ RIngram
DElliott
JGuibert
GLear
SKari w/o TS
~~WSNXXXSK~~ BScharf (15)
TJCarter

Dockets Nos. 50-250
and 50-251

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

Gentlemen:

The Commission has issued the enclosed Amendment No. 8 to Facility Operating License No. DPR-31 and Amendment No. 7 to Facility Operating License No. DPR-41 for Turkey Point Nuclear Generating Units 3 and 4. These amendments include Change No. 20 to the joint Technical Specifications and are in response to your request dated September 19, 1974, supplemental letters dated September 19 and December 23, 1974~~and discussions with the Nuclear Regulatory Commission staff~~.

These amendments modify those portions of the licenses and Technical Specifications which relate to the receipt, possession and use of byproduct, source, and special nuclear material.

Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

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

Enclosures:
1. Amendment No. 8
2. Amendment No. 7
3. Safety Evaluation
4. Federal Register Notice

cc: See next page

OFFICE ➤	ORB#3	ORB#3	ORB#3	OELD	ORB#3	
SURNAME ➤	RIngram:kmf	JGuibert	DElliott	WSCHANDLER	GLear	
DATE ➤	5/ 20 /75	5/20 /75	5/ 20 /75	5/ 3 /75	5/ /75	

Form AEC-318 (Rev. 9-53) AECM 0240 ☆ U. S. GOVERNMENT PRINTING OFFICE: 1974-526-166

Florida Power & Light Company

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

DISTRIBUTION:
NRC PDR
Local PDR
Dockets (2)
ORB#3 rdg
OELD
OI&E (3)
NDube
BJones (w/4 encls)
MMcGough
JSaltzman, OAI (w/o TS)
RIngram
DElliott
JGuibert
GLear
SKari w/o TS
BScharf (15)
TJCarter
PCollins
SVarga
CHebron (Amed only)
ACRS (14)
AESteen
TBAbernathy

Dockets Nos: 50-250
and 50-251

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

Gentlemen:

The Commission has issued the enclosed Amendment No. 8 to Facility Operating License No. DPR-31 and Amendment No. 7 to Facility Operating License No. DPR-41 for Turkey Point Nuclear Generating Units 3 and 4. These amendments include Change No. 20 to the joint Technical Specifications and are in response to your request dated September 19, 1974, supplemental letters dated September 19 and December 23, 1974 and discussions with the Nuclear Regulatory Commission staff.

These amendments modify those portions of the licenses and Technical Specifications which relate to the receipt, possession and use of byproduct, source, and special nuclear material.

Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

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

Enclosures:
1. Amendment No. 8
2. Amendment No. 7
3. Safety Evaluation
4. Federal Register Notice

cc: See next page

OFFICE ➤	ORB#3	ORB#3	ORB#3	OELD	ORB#3	
SURNAME ➤	RIngram:kmf	JGuibert	DElliott		GLear	
DATE ➤	5/ /75	5/ /75	5/ /75	5/ /75	5/ /75	

Form AEC-318 (Rev. 9-53) AECM 0240

☆ U. S. GOVERNMENT PRINTING OFFICE: 1974-526-166

Florida Power & Light Company

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

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

TURKEY POINT NUCLEAR GENERATING UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 8
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 (the licensee) dated September 19, 1974, as supplemented September 19 and December 23, 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 application, 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, Facility License No. DPR-31 is hereby amended as indicated below:

   A. Delete paragraphs 2.B. through 2.D. and add:

      2.B. Pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended as of April 1, 1975;

      2.C. Pursuant to the Act and 10 CFR Parts 30, 40 and 70 to receive, possess, and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;

2.D. Pursuant to the Act and 10 CFR Part 30 to receive, possess, and use at any time 100 millicuries each of any byproduct material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactively contaminated apparatus;

2.E. Pursuant to the Act and 10 CFR Parts 40 and 70 to receive, possess and use at any time 100 milligrams each of any source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactively contaminated apparatus;

2.F. Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

B. Revise paragraph 3.B. to read as follows:

3.B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 21.

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

FOR THE NUCLEAR REGULATORY COMMISSION

George Lear

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

Attachment:
Change No. 20 to
Technical Specifications

Dated: JUL 10 1975

ATTACHMENT TO LICENSE AMENDMENTS NOS. 8 AND 7

CHANGE NO. 20 TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSES NOS. DPR-31 AND DPR-41

DOCKETS NOS. 50-250 AND 50-251

Revise Appendix A as follows:

Remove Pages	Insert New Pages
ii	ii
iii	iii
-	3.11-1
4.13-1	4.13-1
6.5-1	6.5-1
-	6.5-1a
6.6-3	6.6-3
-	6.6-3a
-	B3.11-1

TABLE OF CONTENTS (Continued)

3.11 MISCELLANEOUS RADIOACTIVE MATERIALS SOURCES

Applicability: Applies to byproduct, source, and special nuclear radioactive sources.

Objective: To assure that leakage from byproduct, source, and special nuclear radioactive material sources does not exceed allowable limits.

Specification:

1. The source leakage test performed pursuant to Specification 4.13 shall be capable of detecting the presence of 0.005 μCi of radioactive material on the test sample. If the test reveals the presence of 0.005 μCi or more of removable contamination, it shall immediately be withdrawn from use, decontaminated, and repaired, or be disposed of in accordance with Commission regulations.

   Those quantities of by-product material that exceed the quantities listed in 10 CFR 30.71 Schedule B are to be leak tested in accordance with the schedule described in Surveillance Requirement 4.13. All other sources (including alpha emitters) containing greater than 0.1 microcuries are also to be leak tested in accordance with the Surveillance Requirement 4.13.

2. A complete inventory of licensed radioactive materials in possession shall be maintained current at all times.

4.13 RADIOACTIVE MATERIALS SOURCES SURVEILLANCE

Applicability: Applies to leakage testing of byproduct, source, and special nuclear radioactive material sources.

Objective: To assure that leakage from byproduct, source, and special nuclear radioactive material sources does not exceed allowable limits.

Specification: Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an agreement State, as follows:

1. Each sealed source, except startup sources subject to core flux, or those exempted by Specification 3.11, containing radioactive material, other than Hydrogen 3, with a half-life greater than 30 days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. 20
2. The periodic leak test required does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another user unless they have been leak tested within six months prior to the date of use or transfer. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, sealed sources shall not be put into use until tested.
3. Startup sources shall be leak tested prior to and following any repair or maintenance and before being subjected to core flux.

6.5 UNIT OPERATING RECORDS

6.5.1 Records and logs relative to the following items shall be retained for 6 years:

a. Records of normal nuclear unit operation, including power levels and periods of operation at each power level.

b. Records of principal maintenance activities, including inspection, repair, substitution or replacement of principal items of equipment pertaining to nuclear safety.

c. Records of abnormal occurrences.

d. Records of periodic checks, inspections and calibrations performed to verify that surveillance requirements are being met.

e. Records of any special reactor test or experiments.

f. Records of changes made in the Operating Procedures.

g. Records of radioactive shipments.

h. Test results, in units of microcuries, for leak tests performed pursuant to Specification 4.13. 20

i. Record of annual physical inventory verifying accountability of sources on record.

6.5.2 Records relative to the following items shall be retained for the life of nuclear Units 3 and 4:

a. Records and drawing changes reflecting nuclear unit design modifications made to the systems and equipment described in the FSAR.

b. Records of new and spent fuel inventory, transfers of fuel, and assembly histories.

c. Records of plant radiation and contamination surveys.

d. Records of off-site radiological environmental monitoring surveys.

e. Records of radiation exposure of all plant personnel, and others who enter radiation control areas.

(i) changes in nuclear unit design,

(ii) performance characteristics (e.g., equipment and fuel performance),

(iii) changes in procedures which were necessitated by (i) and (ii) or which otherwise were required to improve the safety of operations.

(iv) results of surveillance tests and inspections required by these technical specifications,

(v) the results of any periodic containment leak rate tests performed during the reporting period,

(vi) a brief summary of those changes, tests and experiments requiring authorization from the Commission pursuant to 10 CFR Part 50.59(a), and

(vii) any changes in the nuclear unit operating organization which involve positions which are designated as key supervisory personnel on Figure 6.1-2.

(viii) results of required leak tests performed on sources if the tests reveal the presence of 0.005 μCi or more of removable contamination. 20

(b) Power Generation

A summary of power generated during the reporting period including:

(i) gross thermal power generated (in MWH)

(ii) gross electrical power generated (in MWH)

(iii) net electrical power generated (in MWH)

(iv) number of hours the reactor was critical

(v) number of hours the generator was on-line

(vi) histogram of thermal power vs. time

B3.11 BASES FOR LIMITING CONDITION FOR OPERATION - MISCELLANEOUS RADIOACTIVE MATERIAL SOURCES

Ingestion for inhalation of source material may give rise to total body or organ irradiation. This specification assures that leakage from radioactive material sources does not exceed allowable limits. In the unlikely event that those quantities of radioactive by-product materials of interest to this specification which are exempt from leakage testing are ingested or inhaled, they represent less than one maximum permissible body burden for total body irradiation. The limits for all other sources (including alpha emitters) are based upon 10 CFR 70.39(c) limits for plutonium. 20

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-251

TURKEY POINT NUCLEAR GENERATING UNIT 4

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 7
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 (the licensee) dated September 19, 1974, as supplemented September 19 and December 23, 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 application, 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, Facility License No. DPR-41 is hereby amended as indicated below:

   A. Delete paragraphs 2.B. through 2.D. and add:

      2.B. Pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended as of April 1, 1975;

      2.C. Pursuant to the Act and 10 CFR Parts 30, 40 and 70 to receive, possess, and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;

2.D. Pursuant to the Act and 10 CFR Part 30 to receive, possess, and use at any time 100 millicuries each of any byproduct material without restriction to chemical or physical form, for sample analysis or instrument calibration;

2.E. Pursuant to the Act and 10 CFR Parts 40 and 70 to receive, possess and use at any time 100 milligrams each of any source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration;

2.F. Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

B. Revise paragraph 3.B. to read as follows:

3.B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 21.

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

FOR THE NUCLEAR REGULATORY COMMISSION

George Lear

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

Attachment:
Change No. 20 to
Technical Specifications

Dated:
JUL 10 1975

ATTACHMENT TO LICENSE AMENDMENTS NOS. 8 AND 7

CHANGE NO. 20 TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSES NOS. DPR-31 AND DPR-41

DOCKETS NOS. 50-250 AND 50-251

Revise Appendix A as follows:

Remove Pages	Insert New Pages
ii	ii
iii	iii
-	3.11-1
4.13-1	4.13-1
6.5-1	6.5-1
-	6.5-1a
6.6-3	6.6-3
-	6.6-3a
-	B3.11-1

TABLE OF CONTENTS (Continued)

TABLE OF CONTENTS (continued)

3.11 MISCELLANEOUS RADIOACTIVE MATERIALS SOURCES

Applicability: Applies to byproduct, source, and special nuclear radioactive sources.

Objective: To assure that leakage from byproduct, source, and special nuclear radioactive material sources does not exceed allowable limits.

Specification:

1. The source leakage test performed pursuant to Specification 4.13 shall be capable of detecting the presence of 0.005 μCi of radioactive material on the test sample. If the test reveals the presence of 0.005 μCi or more of removable contamination, it shall immediately be withdrawn from use, decontaminated, and repaired, or be disposed of in accordance with Commission regulations. 20

   Those quantities of by-product material that exceed the quantities listed in 10 CFR 30.71 Schedule B are to be leak tested in accordance with the schedule described in Surveillance Requirement 4.13. All other sources (including alpha emitters) containing greater than 0.1 microcuries are also to be leak tested in accordance with the Surveillance Requirement 4.13.

2. A complete inventory of licensed radioactive materials in possession shall be maintained current at all times.

4.13 RADIOACTIVE MATERIALS SOURCES SURVEILLANCE

Applicability: Applies to leakage testing of byproduct, source, and special nuclear radioactive material sources.

Objective: To assure that leakage from byproduct, source, and special nuclear radioactive material sources does not exceed allowable limits.

Specification: Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an agreement State, as follows:

1. Each sealed source, except startup sources subject to core flux, or those exempted by Specification 3.11, containing radioactive material, other than Hydrogen 3, with a half-life greater than 30 days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. 20
2. The periodic leak test required does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another user unless they have been leak tested within six months prior to the date of use or transfer. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, sealed sources shall not be put into use until tested.
3. Startup sources shall be leak tested prior to and following any repair or maintenance and before being subjected to core flux.

6.5 UNIT OPERATING RECORDS

6.5.1 Records and logs relative to the following items shall be retained for 6 years:

a. Records of normal nuclear unit operation, including power levels and periods of operation at each power level.

b. Records of principal maintenance activities, including inspection, repair, substitution or replacement of principal items of equipment pertaining to nuclear safety.

c. Records of abnormal occurrences.

d. Records of periodic checks, inspections and calibrations performed to verify that surveillance requirements are being met.

e. Records of any special reactor test or experiments.

f. Records of changes made in the Operating Procedures.

g. Records of radioactive shipments.

h. Test results, in units of microcuries, for leak tests performed pursuant to Specification 4.13. 20

i. Record of annual physical inventory verifying accountability of sources on record.

6.5.2 Records relative to the following items shall be retained for the life of nuclear Units 3 and 4:

a. Records and drawing changes reflecting nuclear unit design modifications made to the systems and equipment described in the FSAR.

b. Records of new and spent fuel inventory, transfers of fuel, and assembly histories.

c. Records of plant radiation and contamination surveys.

d. Records of off-site radiological environmental monitoring surveys.

e. Records of radiation exposure of all plant personnel, and others who enter radiation control areas.

(i) changes in nuclear unit design,

(ii) performance characteristics (e.g., equipment and fuel performance),

(iii) changes in procedures which were necessitated by (i) and (ii) or which otherwise were required to improve the safety of operations.

(iv) results of surveillance tests and inspections required by these technical specifications,

(v) the results of any periodic containment leak rate tests performed during the reporting period,

(vi) a brief summary of those changes, tests and experiments requiring authorization from the Commission pursuant to 10 CFR Part 50.59(a), and

(vii) any changes in the nuclear unit operating organization which involve positions which are designated as key supervisory personnel on Figure 6.1-2.

(viii) results of required leak tests performed on sources if the tests reveal the presence of 0.005 μCi or more of removable contamination. 20

(b) Power Generation

A summary of power generated during the reporting period including:

(i) gross thermal power generated (in MWH)

(ii) gross electrical power generated (in MWH)

(iii) net electrical power generated (in MWH)

(iv) number of hours the reactor was critical

(v) number of hours the generator was on-line

(vi) histogram of thermal power vs. time

B3.11 BASES FOR LIMITING CONDITION FOR OPERATION - MISCELLANEOUS RADIOACTIVE MATERIAL SOURCES

Ingestion for inhalation of source material may give rise to total body or organ irradiation. This specification assures that leakage from radioactive material sources does not exceed allowable limits. In the unlikely event that those quantities of radioactive by-product materials of interest to this specification which are exempt from leakage testing are ingested or inhaled, they represent less than one maximum permissible body burden for total body irradiation. The limits for all other sources (including alpha emitters) are based upon 10 CFR 70.39(c) limits for plutonium.

20

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 8 TO LICENSE NO. DPR-31 AND AMENDMENT NO. 7 TO LICENSE NO. DPR-41

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT NUCLEAR GENERATING UNITS 3 AND 4

DOCKETS NOS. 50-250 AND 50-251

Introduction

By letter dated September 19, 1974, Florida Power and Light Company (FPL) proposed license amendments to Facility Operating Licenses DPR-31 and DPR-41 for Turkey Point Nuclear Generating Units 3 and 4.

The proposed amendments involve the modification of those parts of the Facility Operating Licenses which relate to the receipt, possession, and use of byproduct source, and special nuclear material.

In support of the proposed license amendments, FPL has:

a. Proposed Technical Specification changes which (1) provide for leakage testing of miscellaneous radioactive materials sources, (2) establish surveillance requirements for the leakage tests, and (3) require retention of leakage test results.

b. Updated the Radioactive Materials Safety portion of the Final Safety Analysis Report (FSAR) for Turkey Point Nuclear Generating Units 3 and 4.

Discussion

By letter dated December 16, 1974, we requested that nuclear power facility licensees, with the exception of FPL, provide: (1) proposed amendments to the conditions of existing Facility Operating Licenses which relate to the receipt, possession, and use of byproduct, source, and special nuclear materials; (2) proposed Technical Specification changes which provide for leakage testing and the related surveillance and reporting requirements for miscellaneous radioactive material sources; (3) FSAR revisions to include information described in Regulatory Guide 1.70.3, "Additional Information, Radioactive Materials Safety For Nuclear Power Plants", of February 1974. Our letter included

standard formats and guidelines for the requested proposals.

The objective of the requests made in our letter of December 16, 1974 was to add flexibility to the operation of nuclear power plants by establishing a more generalized approach to the licensing of byproduct, source, and special nuclear materials. This objective would reduce the number of licensing actions required as a result of changes in possession limits of related materials. In order to assure that adequate safeguards be maintained within the framework of this more generalized approach, provisions for more stringent control, accountability, and leakage testing of byproduct, source and special nuclear materials were included.

As noted above, the December 16, 1974 letter was not sent to FPL. In this case, the licensee had submitted proposed license amendments concerning byproduct, source, and special nuclear materials prior to the issuance of our letter of December 16, 1974. Notwithstanding this early submittal, the FPL proposed license amendments, as supplemented and modified following discussions between the NRC staff and FPL, are responsive to the requests and guidelines of our letter of December 16, 1974.

Evaluation

The proposed Technical Specification changes and the FSAR revisions have been reviewed by the NRC staff with particular attention to the Radioactive Materials Safety program. We evaluated the personnel qualifications, facilities, equipment, and procedures for handling byproduct, source, and special nuclear material, as described in the revised FSAR and we conclude that they are consistent with the provisions of Regulatory Guide 1.70.3. Based on our review, we also conclude that the comprehensive testing and surveillance program, as established by the proposed Technical Specification changes, provides additional assurance that leakage from radioactive material sources will not exceed allowable limits.

We evaluated the amount of reactor fuel which can be received, used, and possessed by the licensee under provisions of the proposed license amendments by assuming that: (1) the new fuel storage area is filled with unused fuel at equilibrium concentration, (2) the reactor is filled with unused fuel at equilibrium concentration, and (3) the spent fuel storage pit is filled with reactor fuel which has been used to equilibrium burnup. We concluded by this evaluation that the provisions of the proposed license amendments will not significantly alter the amount of reactor fuel which can be received, used, and possessed by the licensee. The proposed amendments do not authorize the licensee to receive, use, or possess fuel significantly different from that currently described in the FSAR.

We further conclude that the proposed license amendment, as supported by the proposed Technical Specification changes and the FSAR revisions, are acceptable in that they:

a. Comply with the guidance and intent of our letter of December 16, 1974.

b. Assure that the amount and type of reactor fuel which can be received, used, and possessed is limited by the onsite fuel storage capacity and the requirements for reactor operation which have been approved previously by the NRC staff and which are described in the FSAR as of April 1, 1975.

c. Provide reasonable assurance that byproduct, source, and special nuclear material will be stored, used, and accounted for in a manner which meets the applicable radiation protection provisions of 10 CFR Parts 20, 30, 40 and 70.

Summary

The licensee's radiation protection program, as supplemented by the FSAR revisions and the proposed Technical Specifications additions, has been evaluated. We have concluded that the incorporation of flexible yet controlled licensing provisions for the receipt, possession, and use of byproduct, source, and special nuclear material into the Facility Operating Licenses for Turkey Point Nuclear Generating Units 3 and 4 is acceptable.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the change does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the change does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: JUL 10 1975

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKETS NOS. 50-250 AND 50-251

FLORIDA POWER AND LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY

OPERATING LICENSES

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments Nos. 8 and 7, respectively, to Facility Operating Licenses Nos. DPR-31 and DPR-41 issued to Florida Power and Light Company for operation of the Turkey Point Nuclear Generating Units 3 and 4, located in Dade County, Florida. The amendments are effective as of the date of issuance.

The amendments change the Facility Licenses and the Technical Specifications to permit generalized provisions for the receipt, possession, and use of byproduct, source, and special nuclear material. The license amendments do not authorize the licensee to receive, use or possess reactor fuel in an amount or type significantly different from that currently described in the Final Safety Analysis Report for Turkey Point Nuclear Generating Units 3 and 4.

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 September 19, 1974, and supplemental letters dated September 19 and December 23, 1974, (2) Amendment No. 8 to License No. DPR-31 and Amendment No. 7 to License No. DPR-41, with Change No. 20, and (3) the Commission's related Safety Evaluation. 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 at the Environmental & Urban Affairs Library, Florida International University, Miami, Florida.

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 10th day of July, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

George Lear

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