

Docket No. 50-250

JUL 19 1972

DISTRIBUTION: w/encls:

- *AEC PDR
- *Local PDR
- *EGCase
RSBoyd
- *RCDeYoung
- *DJSkovholt
- *PFCollins
- *JGallo, OGC
RO (2)
- *NDube (w/3 encls)
- *Docket file
L Reading
PWR-2 Reading
PSCheck
MService (2)

Florida Power & Light Company
 ATTN: Dr. James Coughlin
 Senior Vice President
 P. O. Box 3100
 Miami, Florida 33101

* indicates including Tech Specs

Gentlemen:

Facility Operating License No. DPR-31, with appended Technical Specifications, is enclosed. The license authorizes Florida Power & Light Company to possess, use, and operate the Turkey Point Nuclear Generating Unit No. 3 nuclear power reactor at steady state power levels not to exceed 2200 megawatts thermal, in accordance with the provisions of the license and Technical Specifications appended thereto. A copy of a related notice which has been forwarded to the Office of the Federal Register for filing and publication is also enclosed.

Two signed copies of Amendment No. 4 to Indemnity Agreement No. B-46, which covers the activities authorized under License No. DPR-31, are enclosed for your review and acceptance. Please sign and return one copy of the amendment to this office.

Sincerely,

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director
 for Pressurized Water Reactors
 Directorate of Licensing

Enclosures:

1. License DPR-31 w/Tech Specs
2. Federal Register Notice
3. Amend No. 4 to IA No. B-46

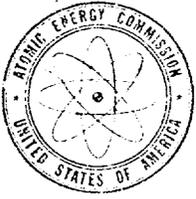
- bcc: HJMcAlduff TWLaughlin, DTIE*
 HMueller, GMR/H NHGoodrich, ASLB*
 EBTremmel, IP ~~FKaras, SECY*~~
 RLeith, OC JSaltzman, OAI
 JAHarris, PI JVerme, SMN
 JRBuchanan, ORNL* DNussbaumer
 AWElls, ASLB

cc w/encls 1 & 2:

Mr. Jack Newman, Lowenstein, Newman & Reis, 1100 Connecticut Avenue, NW
 Washington, D. C. 20036

RW

OFFICE ▶	AD/PWRs	PWR-2	OGC	AD/PWRs	OAI	
SURNAME ▶	<i>sub</i> NMBrown:ng	<i>KK</i> KKniel		<i>RCDeYoung</i> RCDeYoung	JSaltzman	
DATE ▶	7/19/72	7/19/72	7/ /72	7/19/72	7/ /72	



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

FACILITY OPERATING LICENSE

License No. DPR-31

The Atomic Energy Commission (the Commission) having found that:

- a. Construction of the Turkey Point Nuclear Generating Unit No. 3 (the facility) has been substantially completed in conformity with Provisional Construction Permit No. CPPR-27, the application as amended, the provisions of the Atomic Energy Act of 1954, as amended (the Act), and the rules and regulations of the Commission;
- b. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
- c. There is reasonable assurance (i) that the facility can be operated at steady state power levels up to 2200 megawatts thermal in accordance with this license without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the regulations of the Commission;
- d. Florida Power and Light Company is technically and financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;
- e. The applicable provisions of 10 CFR Part 140 have been satisfied; and
- f. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public.

Facility Operating License No. DPR-31 is hereby issued to Florida Power and Light Company (FPL), as follows:

1. This license applies to the Turkey Point Nuclear Generating Unit No. 3 nuclear power reactor, a pressurized, light water moderated and cooled reactor, and associated steam generators and electrical generating equipment (the facility). The facility is located on the applicant's Turkey Point site in Dade County, about 25 miles south of Miami, Florida, and is described in the application for construction permit and facility license, as amended.
2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses FPL:
 - A. Pursuant to Section 104b of the Atomic Energy Act of 1954, as amended (the Act), and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility as a utilization facility at the designated location on the Turkey Point site;
 - B. Pursuant to the Act and 10 CFR Part 70, "Special Nuclear Material," to receive, possess, and use at any one time up to 3,200 kilograms of uranium 235 contained in reactor fuel assemblies and in monitoring system detectors, and 18 grams of PuO₂ containing 80% Pu-238 as Pu-Be neutron sources in connection with operation of the facility;
 - C. Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Material," to receive, possess, and use in connection with operation of the facility any byproduct material with Atomic Numbers between 3 and 83, inclusive, as sealed sources; and
 - D. Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not to separate, such byproduct and special nuclear material as may be produced by operation of the facility.
3. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations; 10 CFR Part 20, Section 30.34 of 10 CFR Part 30, Section 40.41 of 10 CFR Part 40, Sections 50.54 and 50.59 of 10 CFR Part 50, and Section 70.32 of 10 CFR Part 70; and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect, and is subject to the additional conditions specified below:

A. Maximum Power Level

The applicant is authorized to operate the facility at steady state power levels not in excess of 2200 megawatts (thermal).

B. Technical Specifications

The Technical Specifications contained in Appendix A attached hereto are hereby incorporated in this license. FPL shall operate the facility at steady state power levels not in excess of 2200 megawatts thermal in accordance with the Technical Specifications, and may make changes therein only when authorized by the Commission in accordance with the provisions of Section 50.59 of 10 CFR Part 50. Not later than thirty (30) days from the date of issuance of this license, FPL shall submit proposed Technical Specifications dealing with limits on salinity and temperature of discharged cooling water, and defining a suitable surveillance program which embodies monitoring and assessment of the environmental impact of the plant cooling system.

C. Reports

FPL shall issue certain reports to the AEC in accordance with the requirements of the Technical Specifications.

D. Records

FPL shall originate and maintain facility operating records in accordance with the requirements of the Technical Specifications.

4. FPL shall proceed with implementation of the recommendations set forth in paragraphs 7b and c. of the "Summary and Conclusions" section of the "Final Environmental Statement Related to Operation of Turkey Point Plant, Florida Power and Light Company, Docket Nos. 50-250 and 50-251," issued July 1972 by the AEC Directorate of Licensing. No later than thirty (30) days from the date of issuance of this license, FPL shall submit to the AEC, for review and approval, its plan for the implementation of such recommendations.

5. This license is effective as of the date of issuance, and shall expire at midnight April 27, 2007.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
D. J. Skovhelt 

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Attachment:
Appendix A - Technical Specifications

Date of Issuance: **JUL 19 1972**

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-250

FLORIDA POWER & LIGHT COMPANY
(Turkey Point Nuclear Generating Unit No. 3)

NOTICE OF ISSUANCE OF FACILITY OPERATING LICENSE

Notice is hereby given that the Atomic Energy Commission (the Commission) has issued Facility Operating License No. DPR-31 to Florida Power and Light Company (the licensee) which authorizes the licensee to operate the Turkey Point Nuclear Generating Unit No. 3, at steady state power levels not in excess of 2200 megawatts (thermal), in accordance with the provisions of the license and the Technical Specifications appended thereto. The Notice of AEC Consideration of Issuance of Facility Operating License was published in the Federal Register on October 30, 1971, (36 F.R. 20906). The Turkey Point Nuclear Generating Unit No. 3 is a pressurized water nuclear reactor located at the licensee's site in Dade County, Florida.

A Notice of Hearing on this facility was published by the Commission in the Federal Register on April 4, 1972, (37 F.R. 6777). The notice indicated that an Atomic Safety and Licensing Board (Board) would be designated by the Commission to conduct the hearing, provided for intervention by Paul Siegel, and provided an opportunity to make limited appearances to other persons who wished to make a statement in the proceeding but who did not wish to intervene. The Notice of Hearing also provided that the issue for hearing consideration would be the steam line safety valve header failure of December 2, 1971, as

refined through appropriate prehearing procedure, and that, depending on the resolution thereof, authorization for issuance of the license might be granted or denied, or that the license might be authorized as appropriately conditioned. The Notice of Hearing further provided that an operating license would be issued only after appropriate findings had been made by the Director of Regulation on certain specified matters not embraced by the Board's decision.

On July 10, 1972, after a public hearing held pursuant to the Notice of Hearing, the Board issued an "Order Resolving Issue Prescribed for Consideration" which set forth the Board's conclusion that "the safety valve header system as now constructed and tested can be operated without undue risk to the health and safety of the public".

The Commission's regulatory staff has inspected the facility and has determined that for operation as authorized by this license, the facility has been constructed in accordance with the application, as amended, the provisions of Provisional Construction Permit No. CPPR-27, the Atomic Energy Act of 1954, as amended, and the Commission's regulations. The licensee has submitted proof of financial protection in satisfaction of the requirement of 10 CFR Part 140.

In accordance with the Notice of Hearing, the Director of Regulation has made the findings which are set forth in the license, and has concluded that the application, as amended, complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Chapter 1, and that the issuance of the license

will not be inimical to the common defense and security or the health and safety of the public.

The Director of Regulation has also concluded that postponement of the issuance of this license until thirty (30) days after the final detailed statement on environmental considerations was made available to the public, is impracticable.

The license is effective as of the date of issuance and shall expire on April 27, 2007, unless extended for good cause shown or upon the earlier issuance of a superseding operating license.

A copy of (1) Facility Operating License No. DPR-31, complete with Technical Specifications, (2) the applicant's Environmental Report dated November 15, 1970 and supplements thereto, dated April 4, 1971, November 8, 1971, and March 16, 1972, respectively, (3) the report of the Advisory Committee on Reactor Safeguards, dated June 18, 1971, (4) the "Safety Evaluation by the Division of Reactor Licensing [now the Directorate of Licensing], U.S. Atomic Energy Commission, in the Matter of the Florida Power and Light Company, Turkey Point Plant, Units 3 and 4", dated March 15, 1972, (5) the Final Safety Analysis Report and amendments thereto, (6) the Draft Statement on Environmental Considerations dated February 11, 1972, and (7) the Final Detailed Environmental Statement dated July 1972, are available for public inspection at the Commission's Public Document Room at 1717 H Street, NW, Washington, D. C. Copies of these documents will also be made available at the Lily Lawrence Row Public Library, 212 Northwest, First Avenue,

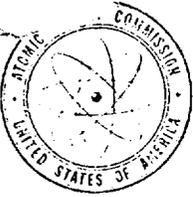
Homestead, Florida 33030, for inspection by members of the public between the hours of 10:00 a.m. to 8:00 p.m. on Monday and 10:00 a.m. to 5:30 p.m. on Tuesday through Saturday. Copies of items (1), (4), (6), and (7) may be obtained upon request addressed to the United States Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland this 19th day of July 1972.

FOR THE ATOMIC ENERGY COMMISSION

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director
for Pressurized Water reactors
Directorate of Licensing



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

AMENDMENT TO INDEMNITY AGREEMENT NO. B-46

AMENDMENT NO. 4

Effective JUL 19 1972, Indemnity Agreement No. B-46, dated August 4, 1970, between Florida Power and Light Company and the Atomic Energy Commission as amended, is hereby further amended as follows:

Item 2a. of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 - Amount of financial protection

- a. \$1,000,000 (From 12:01 a.m., August 4, 1970 to 12:00 midnight, JUL 18 1972, inclusive)
\$95,000,000 (From 12:01 a.m., JUL 19 1972)

Item 3 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 3 - License number or numbers

- SNM-1194 (From 12:01 a.m., August 4, 1970, to 12:00 midnight, JUL 18 1972, inclusive)
SNM-1276 (From 12:01 a.m., December 30, 1971)
DPR-31 (From 12:01 a.m., JUL 19 1972)

Item 4 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 4 - Location

The Auxiliary Building for the licensee's Turkey Point Nuclear Generating Unit No. 3 located about 25 miles south of Miami in Dade County, Florida. The Auxiliary Building is indicated by a heavy line on Figure 1.2-3 attached hereto, and made a part hereof.

(From 12:01 a.m., August 4, 1970, to 12:00 midnight, December 29, 1971, inclusive)

The Auxiliary Building for the licensee's Turkey Point Nuclear Generating Unit No. 3 and the fuel handling structure for the licensee's Turkey Point Nuclear Generating Unit No. 4 both located about 25 miles south of Miami in Dade County, Florida. The Auxiliary Building and the fuel handling structure are indicated by heavy lines on Figure 1.2-3 attached hereto, and made a part hereof.

(From 12:01 a.m., December 30, 1971 to
12:00 midnight, JUL 18 1972 , inclusive)

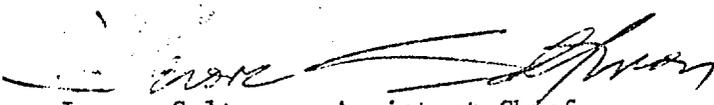
All the premises, including the land and all buildings and structures, known as the Florida Power and Light Company's Turkey Point Power Station except the portions of said station which are used exclusively in connection with the operation of conventionally (fossil) fueled Units Nos. 1 and 2. The location is delineated by a red line on Figure 5610-SK-C-267, attached hereto and made a part hereof. The Turkey Point Power Station is located on the shore of Biscayne Bay approximately twenty-five (25) miles south of Miami, Florida.

(From 12:01 a.m., JUL 19 1972)

Item 5 of the Attachment to the indemnity agreement is amended by the addition of the following:

Nuclear Energy Liability Policy (Facility Form) No. MF-55
issued by Mutual Atomic Energy Liability Underwriters.

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION


Jerome Saltzman, Assistant Chief
Office of Antitrust and Indemnity
Directorate of Licensing

Accepted _____, 1972

By _____
FLORIDA POWER AND LIGHT COMPANY