

Docket Nos. 50-250
and 50-251

AUG 15 1975

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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. 12 to Facility Operating License No. DPR-31 and Amendment No. 11 to Facility Operating License No. DPR-41 for Turkey Point Nuclear Generating Units 3 and 4. These amendments include Change No. 24 to the joint Technical Specifications and are in response to your request dated June 13, 1975, as supplemented July 11, 1975.

These amendments modify the specified horizontal and dome tendons tested during the Unit 4 containment structure tendon surveillance test program so that tendons are not specified which are either inaccessible due to physical obstructions or inaccessible during reactor operation.

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

Sincerely,

151

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

Enclosures:

1. Amendment No. 12 to License No. DPR-31
2. Amendment No. 11 to License No. DPR-41
3. Safety Evaluation
4. Federal Register Notice

cc: See next page

OFFICE	ORB#3	ORB#3	OELD	ORB#3	TR
SURNAME	RIngram/dg	Elliott/dg		GLear	LShao
DATE	7/30/75	7/30/75	8/8/75	8/12/75	7/30/75

AUG 1 5 1975

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

OFFICE >						
SURNAME >						
DATE >						

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

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ATTN: Dr. Robert E. Uhrig
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P. O. Box 013100
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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

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Florida Power & Light Company - 2 -

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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. 12
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 June 13, 1975, as supplemented July 11, 1975, 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, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment. Paragraph 3.B. of Facility License No. DPR-31 is hereby amended to read as follows:

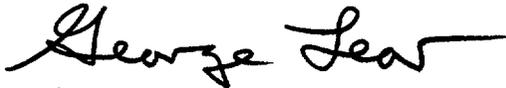
3.B. Technical Specifications

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. 24.



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

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "George Lear". The signature is written in black ink and is positioned above the typed name and title.

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

Attachment:
Change No. 24 to
Technical Specifications

Dated: AUG 1 5 1975

ATTACHMENT TO LICENSE AMENDMENTS NOS. 12 AND 11
CHANGE NO. 24 TO THE TECHNICAL SPECIFICATIONS
FACILITY OPERATING LICENSES NOS. DPR-31 AND DPR-41
DOCKET NOS. 50-250 AND 50-251

Revise Appendix A as follows:

Remove page 4.4-4 and replace it with the attached revised page 4.4-4.

4.6 TENDON SURVEILLANCE

Lift-off

Lift-off readings will be taken for the following nine (9) tendons available for inspection:

<u>Unit 3</u>	<u>Unit 4</u>
Horizontal 62H18,42H70,64H50	13H38, 42H57, 64H70 24
Vertical 23V1,45V7,61V1	12V29,34V29,56V29
Dome 1D27,2D28,3D28	1D28, 2D14, 3D28 24

Wire Inspection

One horizontal, one vertical and one dome tendon will be relaxed and one wire will be removed from each as a sample. (At subsequent inspections different tendons will be used for the sample). Wires will be visually inspected for corrosion and pitting. Tensile tests will be performed on three (3) samples cut from each wire (one from each end and one from the middle) of a length equal to the maximum length acceptable for the test apparatus to be used.

After samples are taken, tendons will be re-tensioned and final lift-off readings will be taken.

Test Frequency

Lift-off readings and wire inspection will take place at the end of the first, third and every fifth year thereafter from the date of the structural integrity test. Tendon surveillance may be conducted during reactor operation.

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. 11
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 June 13, 1975, as supplemented July 11, 1975, 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, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment. Paragraph 3.B. of Facility License No. DPR-41 is hereby amended to read as follows:

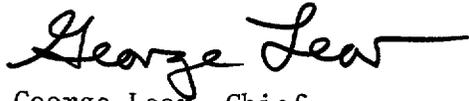
3.B. Technical Specifications

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 changes thereto through Change No. 24.



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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:
Change No. 24 to
Technical Specifications

Dated: AUG 15 1975

ATTACHMENT TO LICENSE AMENDMENTS NOS. 12 AND 11
CHANGE NO. 24 TO THE TECHNICAL SPECIFICATIONS
FACILITY OPERATING LICENSES NOS. DPR-31 AND DPR-41
DOCKET NOS. 50-250 AND 50-251

Revise Appendix A as follows:

Remove page 4.4-4 and replace it with the attached revised page 4.4-4.

4.6 TENDON SURVEILLANCE

Lift-off

Lift-off readings will be taken for the following nine (9) tendons available for inspection:

<u>Unit 3</u>	<u>Unit 4</u>	
Horizontal 62H18,42H70,64H50	13H38, 42H57, 64H70	24
Vertical 23V1,45V7,61V1	12V29,34V29,56V29	
Dome 1D27,2D28,3D28	1D28, 2D14, 3D28	24

Wire Inspection

One horizontal, one vertical and one dome tendon will be relaxed and one wire will be removed from each as a sample. (At subsequent inspections different tendons will be used for the sample). Wires will be visually inspected for corrosion and pitting. Tensile tests will be performed on three (3) samples cut from each wire (one from each end and one from the middle) of a length equal to the maximum length acceptable for the test apparatus to be used.

After samples are taken, tendons will be re-tensioned and final lift-off readings will be taken.

Test Frequency

Lift-off readings and wire inspection will take place at the end of the first, third and every fifth year thereafter from the date of the structural integrity test. Tendon surveillance may be conducted during reactor operation.

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 12 TO LICENSE NO. DPR-31 AND
AMENDMENT NO. 11 TO LICENSE NO. DPR-41

(CHANGE NO. 24 TO THE TECHNICAL SPECIFICATIONS)

FLORIDA POWER & LIGHT COMPANY

TURKEY POINT NUCLEAR GENERATING UNITS 3 & 4

DOCKETS NOS. 50-250 AND 50-251

Introduction

By letter dated June 13, 1975, Florida Power and Light Company (FPL) proposed changes to the Technical Specifications of Facility Operating Licenses DPR-31 and DPR-41 for Turkey Point Nuclear Generating Units 3 and 4. Supplemental information relating to the requested changes was supplied by FPL in their letter of July 11, 1975. FPL requested that the specified horizontal and dome tendons tested during the Unit 4 containment structure tendon surveillance test program be modified in order that tendons are not specified which are either inaccessible due to physical obstructions or inaccessible during reactor operation.

Because Units 3 and 4 share joint Technical Specifications, FPL has proposed modifying the Technical Specifications for Unit 3 to reflect the proposed revisions to the Unit 4 Technical Specifications. However, the specified tendon surveillance test program for Unit 3 will remain unchanged.

Discussion

In preparing for the Turkey Point Unit 4 containment structure tendon surveillance test, FPL discovered that four of the nine tendons mentioned in the Technical Specifications could not be inspected. The required surveillance was not possible since these four tendons are either inaccessible because of physical obstructions or are located in the vicinity of the main steam relief valve discharge. The area in the vicinity of the main steam relief valve discharge is inaccessible during reactor operation because of potential steam discharge and the possibility of injury to persons nearby. Therefore, FPL has proposed substituting three horizontal tendons and one dome tendon for the presently specified inaccessible tendons.

FPL has selected substitute tendons which perform the same function as do the presently specified tendons and have the same environmental exposure. All other specified requirements of the tendon surveillance program remained unchanged.



Evaluation

We have examined the location of the proposed substitute tendons and have noted that the three substitute horizontal tendons do not cover an approximate 30° section on the periphery of the Unit 4 containment structure. However, even though this 30° section is not covered by the tested tendons, we have concluded that the substitute tendons: (1) adequately determine the effects of corrosion on the Unit 4 containment structure tendons and (2) satisfy the requirements of Regulatory Guide 1.35, "Inservice Inspection of UngROUTED Tendons in Prestressed Concrete Containment Structures". This conclusion is based in part on the Turkey Point Technical Specification requirement that complete tendon surveillance tests be performed on both Units 3 and 4. The requirement that complete tendon surveillance tests be performed for both units is in excess of the requirements of Regulatory Guide 1.35. Regulatory Guide 1.35 allows visual inspection of the second of two units located on the same site if both units were constructed by the same contractor in the same manner at approximately the same time. The performance of tensile tests and tendon lift-off readings on both units, rather than on just one unit, increases the probability that any variation in tendon performance will be observed.

Based on our evaluation, we have determined that the Unit 4 tendon surveillance test program is not diminished in effectiveness by the proposed changes. Therefore, we conclude that the proposed Technical Specification changes are 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: AUG 1 5 1975

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET 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. 12 and 11, 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.

These amendments modify the specified horizontal and dome tendons to be tested during the Unit 4 containment structure tendon surveillance test program so that tendons are not specified which are either inaccessible due to physical obstructions or inaccessible during reactor operation. Because Units 3 and 4 share joint Technical Specifications, Specifications for Unit 3 have been modified to reflect the revisions to the Unit 4 Technical Specifications. However, the specified tendon surveillance test program for Unit 3 remains unchanged.

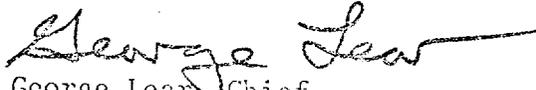
The application for the amendments complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR 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 June 13, 1975, and supplemental letter dated July 11, 1975, (2) Amendment No. 12 to License No. DPR-31 and Amendment No. 11 to License No. DPR-41, with Change No. 24, 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 AUG 1 5 1975

FOR THE NUCLEAR REGULATORY COMMISSION


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