



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 24, 2010

Mr. Mano Nazar
Executive Vice President and
Chief Nuclear Officer
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

SUBJECT: TURKEY POINT UNITS 3 AND 4 – REQUEST FOR ADDITIONAL
INFORMATION REGARDING TECHNICAL SPECIFICATION CHANGES
FOR HEAVY LOADS OVER THE SPENT FUEL POOLS
(TAC NOS. ME3379 AND ME3380)

Dear Mr. Nazar:

By letter dated February 16, 2010 (Agencywide Documents Access and Management System Accession No. ML100600441), Florida Power and Light Company (FPL, the licensee) requested an amendment to Facility Operating License Nos. DPR-31 and DPR-41 for Turkey Point, Units 3 and 4. The proposed changes would remove two technical specifications that restrict the movement of heavy loads over the spent fuel pools.

The U.S. Nuclear Regulatory Commission staff has reviewed your submittal and finds that the information contained in the enclosed Request for Additional Information is needed before we can complete the review. This was discussed with members of the FPL staff on July 20, 2010, with a followup call on August 11, 2010. Mr. Bob Tomonto indicated that a response would be provided within 30 days of the date of this letter.

If you have any questions, please contact me at (301) 415-5888.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason C. Paige", is written over the typed name.

Jason C. Paige, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosure: Request for Additional Information

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REQUEST FOR ADDITIONAL INFORMATION

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT UNITS 3 AND 4

DOCKET NUMBERS 50-250 and 50-251

By letter dated February 16, 2010 (Agencywide Documents Access and Management System Accession No. ML100600441), Florida Power and Light Company (FPL, the licensee) requested an amendment to Facility Operating License Nos. DPR-31 and DPR-41 for Turkey Point, Units 3 and 4. The proposed changes would remove two technical specifications that restrict the movement of heavy loads over the spent fuel pools. To complete its review of the license amendment request, the Nuclear Regulatory Commission staff requests the following additional information.

1. Section 3.0, "Background," of the licensee's February 16, 2010, submittal notes, in part, that the licensee is upgrading the spent fuel cask handling crane to a single-failure-proof crane design, and is also upgrading the crane support structure.

Submit design information to provide reasonable assurance that the new crane support structure will meet the appropriate design specifications.

2. Section 3.0, "Background," of the submittal notes, in part, that the licensee has decided on the implementation of an Independent Spent Fuel Storage Installation (ISFSI) for future storage of spent fuel in a dry cask storage system.

Confirm that the proposed ISFSI will be addressed in a separate licensing submittal.

3. Section 5.0, "Regulatory Analysis," of the licensee's February 16, 2010 submittal notes that Criteria 1 through 4 of Title 10 of the *Code of Federal Regulations*, Section 50.36(c)(2)ii are not applicable to Technical Specifications (TSs) 3/4.9.7 and 3/4.9.12, and that the TSs can, therefore, be relocated to other licensee-controlled documents.

Describe how the TS restrictions will be maintained when the TSs are relocated to the Updated Final Safety Analysis Report or to other licensee-controlled documents.

4. Section 8.2, "Static and Dynamic Load Tests," of Attachment 3 of the submittal notes, in part, that load testing of the fully assembled crane will be completed on site to verify the proper operation and structural integrity of the replacement bridge and runway support structure. Site load testing is performed at 125 percent of the crane maximum critical load design rated load.

Describe how the test procedure for the fully assembled crane will verify the proper operation and structural integrity of the replacement bridge and runway support structure.

Enclosure

August 24, 2010

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/RA/

Jason C. Paige, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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ADAMS Accession Number: **ML102280215**

*via memo

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