



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

May 13, 2011

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: NEXTERA ENERGY, INC., AND FLORIDA POWER AND LIGHT COMPANY –  
REQUEST FOR ADDITIONAL INFORMATION REGARDING 2011  
DECOMMISSIONING FUNDING STATUS REPORT FOR ST. LUCIE, UNITS 1  
AND 2, TURKEY POINT, UNITS 3 AND 4, SEABROOK, DUANE ARNOLD, AND  
POINT BEACH, UNITS 1 AND 2

Dear Mr. Nazar:

On March 23, 2011, Florida Power & Light Company (FPL), on behalf of all owners of the below-listed plants, submitted to the Nuclear Regulatory Commission (NRC) the 2011 Decommissioning Funding Status (DFS) report for St. Lucie Nuclear Plant, Units 1 and 2, Turkey Point Nuclear Plant, Units 3 and 4, Seabrook Station, Duane Arnold Energy Center, and Point Beach Nuclear Plant Units 1 and 2, as required under Title 10 of the *Code of Federal Regulations* Part 50.75(f)(1) (Agencywide Documents and Management System Accession No. ML110840036).

The NRC staff has reviewed your submittal and finds that the additional 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 and, on May 4, 2011, Mr. Mark Dryden 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. 50-335, 50-389, 50-250, 50-251,  
50-443, 50-331, 50-266, and 50-301

Enclosure: Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

NEXTERA ENERGY, INC., AND FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE UNITS 1 AND 2, TURKEY POINT UNITS 3 AND 4,

SEABROOK, DUANE ARNOLD, AND POINT BEACH UNITS 1 AND 2

DOCKET NUMBERS 50-335, 50-389, 50-250, 50-251,

50-266, 50-301, 50-331, AND 50-443

In a March 23, 2011, letter (Agencywide Documents Access and Management System Accession No. ML110840036), Florida Power & Light Company (FPL), on behalf of all owners of the below-listed plants, submitted to the Nuclear Regulatory Commission (NRC) the 2011 Decommissioning Funding Status (DFS) report for St. Lucie Nuclear Plant, Units 1 and 2 (St. Lucie 1 and 2), Turkey Point Nuclear Plant, Units 3 and 4 (Turkey Point 3 and 4), Seabrook Station (Seabrook), Duane Arnold Energy Center (Duane Arnold), and Point Beach Nuclear Plant Units 1 and 2 (Point Beach 1 and 2), as required under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50.75(f)(1). To complete its review, the NRC staff requests the following additional information.

**1. Assumptions used regarding escalation in decommissioning costs, rate of earnings on decommissioning funds and rates of other factors used in funding projections**

Within the DFS report, it was stated that FPL, as well as the other owners, are allowed to assume rates used regarding the rate of escalation in decommissioning costs, rates of earnings on decommissioning funds and rates of other factors used in funding projections. According to 10 CFR 50.75(f)(1):

The information in [the DFS] report must include [ . . . ] the assumptions used regarding rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections. . .

Provide a citation (e.g., an Order by the rate-regulatory authority) for the regulatory entity's authority to set the rates used in the DFS report.

**2. Citation for Site-Specific Study**

On March 23, 2011, FPL only provided the total dollar amounts, not a year-by-year breakdown of site-specific cost estimates for St. Lucie 1 and 2, Turkey Point 3 and 4, and Seabrook, for the amount of decommissioning funds estimated to be required.

Pursuant to 10 CFR 50.75(e)(1)(i) and (ii), the licensee must specifically describe the safe storage period in order to take credit for projected future earnings when it uses a site-specific estimate as the basis for using the prepayment or external sinking fund methods of financial assurance.

Provide the site specific cost estimates for St. Lucie 1 and 2, Turkey Point 3 and 4 and Seabrook, unless they were previously submitted to NRC. If the cost estimates were previously submitted to the NRC, then provide a reference to the submittals. The site specific cost estimates should include a summary schedule of annual expenses, projected earnings, and end-of-year fund balances, expressed in 2010 dollars.

### **3. Any material changes to trust agreements**

In FPL's DFS report, FPL did not explicitly state if there were any material changes to the trust fund agreements for Point Beach 2. According to 10 CFR 50.75(f)(1), each power reactor licensee shall report. . . for each reactor or part of a reactor that it owns. . . . any material changes to trust agreements. Provide a discussion of whether there were any material changes to the trust fund agreements for Point Beach 2.

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Sincerely,

/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 No. ML11104A016

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