

September 22, 2005

Mr. J. A. Stall
Senior Vice President, Nuclear and
Chief Nuclear Officer
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

SUBJECT: ST. LUCIE UNITS 1 AND 2 - WITHDRAWAL OF AN AMENDMENT REQUEST
REGARDING REVISING THE LICENSING BASES TO UTILIZE THE ALTERNATE
SOURCE TERM (TAC NOS. MC0882 AND MC0883)

Dear Mr. Stall:

By two letters dated September 18, 2003, Florida Power and Light Company (FPL) requested amendments to revise Facility Operating Licenses DPR-67 and NPF-16 for St. Lucie Units 1 and 2, respectively. The proposed amendments would have revised the licensing bases to utilize the alternate source term (AST) as allowed in Title 10 of the *Code of Federal Regulations*, Part 50, Section 67 for reanalysis of the radiological consequences of the Updated Final Safety Analysis Report (UFSAR) Chapter 15 accidents for St. Lucie Units 1 and 2.

Portions of the Unit 2 request were approved on January 31, 2005, as part of Amendment 138 regarding the change in reload methodology and increase in steam generator tube plugging. Subsequently, by letter dated August 11, 2005, you withdrew the Unit 1 amendment request and the remaining portions of the Unit 2 amendment request that had not been approved in Amendment 138.

The Commission has filed the enclosed Notices of Withdrawal of Application for Amendment to the Facility Operating Licenses with the Office of the Federal Register for publication.

In your withdrawal letter, you indicated that FPL plans to resubmit these license amendment requests at a later date. Prior to a new submittal, FPL should meet with the NRC staff to clarify the relevant current licensing bases and discuss NRC staff expectations for review, as discussed in a June 14, 2005, meeting regarding the AST.

The NRC staff agrees that the treatment of the release of iodine from back leakage into the refueling water tank and the acceptance criteria for the waste gas decay tank rupture event are open issues. However, as noted in your letter, revised analyses also must be submitted for other issues. The only evaluations that were completed by the NRC staff are those associated with the approval of Amendment 138 for St. Lucie Unit 2. The evaluations of other accident analyses and design basis calculations will depend on the revised analyses and resolution of differences between the submittal and the current licensing bases as described in each unit's UFSAR. The bases for dose projections and dispersion models also need to be clarified. There were several proposed deviations from NRC guidelines, in particular, Regulatory Guide (RG) 1.183, "Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors," and RG 1.52, "Design, Testing, and Maintenance Criteria for Post Accident

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Engineered-Safety-Feature Atmosphere Cleanup System Air Filtration and Adsorption Units of Light-Water-Cooled Nuclear Power Plants.” Methods and solutions different from those set out in the guides require adequate justification in order for the staff to make a timely determination of their acceptability. Finally, plant-specific applicability must be demonstrated for any precedents cited.

This completes the NRC staff’s work on TAC Nos. MC0882 and MC0883. If you have any questions, please feel free to contact me at 301-415-3974.

Sincerely,

/RA/

Brendan T. Moroney, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

Enclosure: Notices of Withdrawal

cc w/encl: See next page

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Accident Engineered-Safety-Feature Atmosphere Cleanup System Air Filtration and Adsorption Units of Light-Water-Cooled Nuclear Power Plants.” Methods and solutions different from those set out in the guides require adequate justification in order for the staff to make a timely determination of their acceptability. Finally, plant-specific applicability must be demonstrated for any precedents cited.

This completes the NRC staff’s work on TAC Nos. MC0882 and MC0883. If you have any questions, please feel free to contact me at 301-415-3974.

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UNITED STATES NUCLEAR REGULATORY COMMISSION

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-335

NOTICE OF WITHDRAWAL OF APPLICATION FOR

AMENDMENT TO FACILITY OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has granted the request of Florida Power and Light Company (the licensee) to withdraw its September 18, 2003, application for a proposed amendment to Facility Operating License No. DPR-67 for the St. Lucie Plant, Unit No. 1, located in St. Lucie County, Florida.

The proposed amendment would have revised the licensing bases to utilize the alternate source term as allowed in Title 10 of the *Code of Federal Regulations*, Part 50, Section 67 for reanalysis of the radiological consequences of the Updated Final Safety Analysis Report Chapter 15 accidents for St. Lucie Unit 1.

The Commission had previously issued a Notice of Consideration of Issuance of Amendment published in the *Federal Register* on October 28, 2003 (68 FR 61477). However, by letter dated August 11, 2005, the licensee withdrew the proposed change.

For further details with respect to this action, see the application for amendment dated September 18, 2003, and the licensee's letter dated August 11, 2005, which withdrew the application for license amendment. Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, Public File Area 01 F21, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the Agencywide Documents Access and Management Systems

(ADAMS) Public Electronic Reading Room on the internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams/html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC PDR Reference staff by telephone at 1-800-397-4209, or 301-415-4737 or by email to pdr@nrc.gov.

Dated at Rockville, Maryland, this 22nd day of September 2005.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Brendan T. Moroney, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

UNITED STATES NUCLEAR REGULATORY COMMISSION

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-389

NOTICE OF WITHDRAWAL OF APPLICATION FOR
AMENDMENT TO FACILITY OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has granted the request of Florida Power and Light Company (the licensee) to withdraw its September 18, 2003, application for a proposed amendment to Facility Operating License No. NPF-16 for the St. Lucie Plant, Unit No. 2, located in St. Lucie County, Florida.

The proposed amendment would have revised the licensing bases to utilize the alternate source term as allowed in Title 10 of the *Code of Federal Regulations*, Part 50, Section 67 for reanalysis of the radiological consequences of the Updated Final Safety Analysis Report Chapter 15 accidents for St. Lucie Unit 2.

The Commission had previously issued a Notice of Consideration of Issuance of Amendment published in the *Federal Register* on October 28, 2003 (68 FR 61479). The Commission approved portions of the requested amendment as part of Amendment 138 to Facility Operating License No. NPF-16 on January 31, 2005. The Notice of Issuance was published in the FEDERAL REGISTER on February 15, 2005 (70 FR 7772). However, by letter dated August 11, 2005, the licensee withdrew the remaining portions of the proposed change that had not been approved in Amendment 138.

For further details with respect to this action, see the application for amendment dated

September 18, 2003, and the licensee's letter dated August 11, 2005, which withdrew the application for license amendment. Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, Public File Area 01 F21, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the Agencywide Documents Access and Management Systems (ADAMS) Public Electronic Reading Room on the internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams/html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC PDR Reference staff by telephone at 1-800-397-4209, or 301-415-4737 or by email to pdr@nrc.gov.

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Brendan T. Moroney, Project Manager, Section 2
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