

July 7, 2003

Mr. William Jefferson, Jr.  
Site Vice President  
St. Lucie Nuclear Plant  
6501 South Ocean Drive  
Jensen Beach, Florida 34957

SUBJECT: LICENSE RENEWAL SAFETY EVALUATION REPORT FOR ST. LUCIE  
NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Jefferson:

By letter dated November 29, 2001, Florida Power and Light Company (FPL) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for renewal of the St. Lucie Nuclear Plant, Units 1 and 2, operating licenses for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The NRC staff determined that the LRA was complete and acceptable for docketing on January 24, 2002. Since that time, the NRC staff has reviewed the LRA, issued requests for additional information (RAIs), reviewed FPL's responses to the staff's RAIs, developed a safety evaluation report (SER) with open items (issued February 7, 2003), and reviewed FPL's responses to the open items. On the basis of this review, the staff has prepared the enclosed SER to document the findings of the safety review of the LRA and supporting documentation for St. Lucie Nuclear Plant, Units 1 and 2.

If you have any questions regarding this matter, please contact the license renewal project manager, Mr. Noel Dudley, at 301-415-1154.

Sincerely,

**/RA/**

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-335 and 50-389

Enclosure: As stated

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**ST. LUCIE PLANT**

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