

April 20, 2004

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 PLANT, UNIT 2 - REQUEST FOR ADDITIONAL INFORMATION
REGARDING THE ST. LUCIE UNIT 2 SPRING 2003 STEAM GENERATOR
INSPECTION REPORTS (TAC NO. MC1401)

Dear Mr. Stall:

Following the St. Lucie Unit 2 spring 2003 steam generator (SG) inspection, Florida Power and Light Company (FPL, the licensee) submitted a 15-day SG tube plugging report, pursuant to Section 4.4.5.5.a of the Unit 2 Technical Specifications (TSs), by letter dated May 26, 2003. By letter dated July 21, 2003, FPL submitted, in accordance with Nuclear Energy Institute 97-06, a SG report regarding its condition monitoring and preliminary operational assessments. By letter dated November 21, 2003, the licensee submitted a 12-month SG tube inservice inspection special report, pursuant to Sections 4.4.5.5.b and 6.9.2 of the Unit 2 TSs.

The U. S. Nuclear Regulatory Commission staff has reviewed your submittals and finds that a response to the enclosed request for additional information is needed before we can complete the review. This request was discussed with your staff on March 11, 2004, and Mr. George Madden agreed that a response would be provided by May 28, 2004.

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 No. 50-389

Enclosure: As stated

cc w/encl: See next page

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NRR-088

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REQUEST FOR ADDITIONAL INFORMATION

ST. LUCIE UNIT 2

REVIEW OF STEAM GENERATOR REPORTS RELATED TO

SPRING 2003 STEAM GENERATOR INSPECTION

1. Were cracks detected in any wear scars located in the U-bend region? If so, please describe the inspection findings in detail (e.g., tube identifier, flaw location, etc.). In addition, describe the corrective actions taken (e.g., inspection scope expansion, etc.) and the basis for these corrective actions.
2. Are wear scars located in other regions of the steam generators (e.g., tube support plates and eggcrates) inspected with a rotating probe to determine whether cracking is present at the same location? If not, how are cracks in wear scars differentiated from wear scars in these locations?
3. Were any cracks detected in dings greater than 5 volts? If so, describe the inspection findings in detail (e.g., tube identifier, ding location, ding size, and method of flaw detection [bobbin and/or rotating probe]). In addition, describe the corrective actions taken (e.g., inspection scope expansion, etc.) and the basis for these corrective actions.
4. Single axial indications were detected in steam generator 2B near the diagonal bars on the hot leg (DHB) (e.g., DHB + 2.09 and DHB + 1.63). Please discuss these indications in more detail, including, identifying whether they are located in the freespan, how they were detected (i.e., bobbin and/or rotating probe), the severity of these indications, whether axial flaws near a DHB has previously been identified at St. Lucie 2, other relevant details (if any) and whether an inspection scope expansion was necessary.

Enclosure

Mr. J. A. Stall
Florida Power and Light Company

ST. LUCIE PLANT

cc:
Senior Resident Inspector
St. Lucie Plant
U.S. Nuclear Regulatory Commission
P.O. Box 6090
Jensen Beach, Florida 34957

Mr. G. L. Johnston
Plant General Manager
St. Lucie Nuclear Plant
6351 South Ocean Drive
Jensen Beach, Florida 34957

Craig Fugate, Director
Division of Emergency Preparedness
Department of Community Affairs
2740 Centerview Drive
Tallahassee, Florida 32399-2100

Mr. Terry Patterson
Licensing Manager
St. Lucie Nuclear Plant
6351 South Ocean Drive
Jensen Beach, Florida 34957

M. S. Ross, Managing Attorney
Florida Power & Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

David Moore, Vice President
Nuclear Operations Support
Florida Power and Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

Marjan Mashhadi, Senior Attorney
Florida Power & Light Company
801 Pennsylvania Avenue, NW
Suite 220
Washington, DC 20004

Mr. Rajiv S. Kundalkar
Vice President - Nuclear Engineering
Florida Power & Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

Mr. Douglas Anderson
County Administrator
St. Lucie County
2300 Virginia Avenue
Fort Pierce, Florida 34982

Mr. J. Kammel
Radiological Emergency
Planning Administrator
Department of Public Safety
6000 SE. Tower Drive
Stuart, Florida 34997

Mr. William A. Passetti, Chief
Department of Health
Bureau of Radiation Control
2020 Capital Circle, SE, Bin #C21
Tallahassee, Florida 32399-1741

Mr. William Jefferson, Jr.
Site Vice President
St. Lucie Nuclear Plant
6351 South Ocean Drive
Jensen Beach, Florida 34957-2000