

October 24, 2001

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, UNITS 1 AND 2 — TELEPHONE CONFERENCE SUMMARY
RE: RESPONSE TO NRC BULLETIN 2001-01, "CIRCUMFERENTIAL
CRACKING OF REACTOR PRESSURE VESSEL HEAD PENETRATION
NOZZLES" (TAC NOS. MB2664 AND MB2665)

Dear Mr. Stall:

U.S. Nuclear Regulatory Commission (NRC) Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles," was issued on August 3, 2001, regarding the recent discoveries of cracked and leaking Alloy 600 vessel head penetration (VHP) nozzles, including control rod drive mechanism and thermocouple nozzles, at four pressurized water reactors (PWRs), which raised concerns about the structural integrity of VHP nozzles throughout the PWR industry.

Your response to the bulletin, for the St. Lucie Plant, Units 1 and 2, was provided by letter dated September 4, 2001. During a telephone call on October 11, 2001, to discuss your response to the bulletin for St. Lucie, Unit 2, you expressed your intent to perform an effective visual inspection of 100% of the nozzles. However, you added that you needed to review the information available regarding the design of the vessel head and the insulation to determine if the visual inspection of 100% of the nozzles was feasible.

Additional telephone calls were conducted on October 18, and October 23, 2001, to discuss the status of your inspection plans. Based on these conversations, you stated that you would submit a revision to your Bulletin response by the week of October 29, 2001, stating your plan to conduct an effective visual inspection of 100% of the Unit 2 reactor vessel head penetrations during the fall 2001 refueling outage. The primary method will be a boroscope inspection under the insulation. However, if the inspection cannot be completed using this method, removal of the insulation and/or a volumetric inspection from under the head may be used as alternative methods.

If you have any questions regarding this matter, please contact me at 301-415-3974 or BTM3@nrc.gov.

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

cc: See next page

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

ST. LUCIE PLANT

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