

June 11, 2002

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: TURKEY POINT PLANT, UNITS 3 AND 4 - REQUEST FOR ADDITIONAL
INFORMATION REGARDING PROPOSED ALTERNATIVE EXAMINATION
FOR REACTOR PRESSURE VESSEL NOZZLE INNER RADIUS (TAC NOS.
MB5031 AND MB5032)

Dear Mr. Stall:

By letter dated May 6, 2002 Florida Power and Light Company requested relief from the ultrasonic examination requirements of the American Society of Mechanical Engineers Code, Section XI, Table IWB-2500-1, Examination Category B-D, Item B3.100. The U.S. Nuclear Regulatory Commission staff has reviewed your submittal 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 May 30 and 31, 2002, and it was agreed that a response would be provided within 30 days of receipt of this letter.

If you have any questions, please contact me at (301) 415-2315.

Sincerely,

/RA/

Eva A. Brown, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosure: Request for Additional Information

cc w/encl: See next page

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DATE	6/04/2002	6/04/2002	6/05/2002	6/06/2002

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REQUEST FOR ADDITIONAL INFORMATION
ALTERNATIVE EXAMINATION FOR REACTOR PRESSURE VESSEL
NOZZLE INNER RADIUS
TURKEY POINT PLANT, UNITS 3 AND 4
DOCKET NOS. 50-250 AND 50-251

- 1) In Section II, Examination Requirements, provide the specific systems and functions for each of the components listed in the table.
- 2) Describe the system you will use to perform the visual examination, include a description of the magnification and resolution capability of the proposed system, and discuss how the examination will be performed (direct, remote, enhanced, etc...). This discussion should include the criteria that will be applied to assure an equivalent resolution to ultrasonic testing.
- 3) Provide a comparison of the benefits of your proposed examination method to that of the American Society of Mechanical Engineers Section XI code required examination, including equivalency of inspection surface coverage.
- 4) Describe the acceptance criteria that would be used for crack-like surface flaws.
- 5) Provide a table describing to what extent these nozzles have been previously examined, include nozzle size, date of prior examination, percent coverage achieved, and type of nondestructive examination conducted. Include a discussion of the results and the percentage coverage achieved.
- 6) Provide the specific dates for the current inservice inspection intervals for Turkey Point Units 3 and 4.
- 7) Discuss whether significant thermal cycling during operation has been experienced by the subject components at either unit.
- 8) Discuss how you came to the conclusion that 100 percent of the surface area will be examined and provide sketches and/or other documentation that supports your conclusion.

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

cc:

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TURKEY POINT PLANT

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