

October 11, 2000

Mr. D. E. Young, Vice President  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Unit No. 2  
3581 West Entrance Road  
Hartsville, South Carolina 29550

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) - REQUEST FOR RELIEF  
FROM THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)  
BOILER AND PRESSURE VESSEL CODE, SECTION XI, RE: INSERVICE  
TESTING OF CHECK VALVES, H. B. ROBINSON, UNIT 2 (TAC NO. MA9672)

Dear Mr. Young:

By letter dated August 4, 2000, you submitted Relief Request SI-VRR-4, seeking relief from the requirements of the ASME Code, Section XI, for the H. B. Robinson Steam Electric Plant, Unit 2, third 10-year inservice testing interval. The staff has reviewed the information that you provided in the subject request for relief, but needs additional information to complete its review of the submittal. The staff's RAI is enclosed.

This request was discussed with Mr. Albert Garrou of your staff on October 3, 2000, and a mutually agreeable target date was established for a response to the RAI of within 30 days of receipt of this RAI. Please note that the staff will make every effort to meet your requested date of February 1, 2001, but that date may be impacted by the time required to process the RAI response. The staff appreciates the efforts expended with respect to this matter.

If you should have any questions regarding this request, please contact me at (301) 415-1478.

Sincerely,

***/RA/***

Ram Subbaratnam, Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-261

Enclosure: RAI

cc w/encl: See next page

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Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
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Yes/No	Yes/No	Yes/No	Yes/No

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**REQUEST FOR ADDITIONAL INFORMATION**  
**ON THIRD 10-YEAR INTERVAL INSERVICE TESTING**  
**RELIEF REQUEST SI-VRR-4**  
**FOR**  
**CAROLINA POWER & LIGHT COMPANY (CP&L)**  
**H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT 2**  
**DOCKET NUMBER: 50-261**

**SCOPE**

The staff has reviewed relief request SI-VRR-4 submitted by CP&L for H. B. Robinson in a letter dated August 4, 2000. The following are comments from the staff and additional information requested to complete the review.

1. Provide a detailed description how these valves are currently tested, e.g., how frequent the reduced flow test is performed, how the test flow is measured, how many valves are subject to non-intrusive test during each test, what method of non-intrusive testing is used and why it was chosen, how many person-hours are needed to perform the non-intrusive test, and how much exposure or dose would occur from each test. A copy of the test procedure would be helpful.
2. Provide details of the methodology used to determine the flow rate for the proposed reduced flow test, by calculation, and previous test results that are indicative that the valve discs are impacting the backstop.
3. The licensee states that increase radiation exposure is currently incurred in order to perform the flow test because test equipment must be installed to measure the flow rate. Explain the difference in terms of flow measurements and equipment used between the current test and proposed alternative test, and why increased exposure is currently incurred.
4. The licensee states that to perform the test to verify obturator position, additional operation of safety-related pumps is required. Explain why additional pumps are required for current tests but not for the proposed alternative tests.

Mr. D. E. Young  
Carolina Power & Light Company

H. B. Robinson Steam Electric  
Plant, Unit No. 2

cc:

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Mr. H. K. Chernoff  
Supervisor, Licensing/Regulatory Programs  
Carolina Power & Light Company  
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