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AUTH.NAME AUTHOR AFFILIATION
RICHEY,R.B. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Requests NRC approval of withdrawal of commitment date of 880601 to begin flow rate monitoring.

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CP&L

Carolina Power & Light Company

SERIAL: NLS-88-141

June 3, 1988

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
REVISED COMMITMENT REGARDING CONTAINMENT SPRAY
PUMP IN-SERVICE TESTING (IST)

Gentlemen:

In accordance with Carolina Power and Light Company's (CP&L) commitment to the NRC in our letter dated March 8, 1988, the IST surveillance test (OST-352) for the Containment Spray Pumps (CSP) was modified such that a different flow path was used which would allow monitoring flow in addition to differential pressure. This change was made to resolve NRC's concern regarding flow measurement in accordance with Section XI of the ASME Code, Table IWP-3100-1. On performing this revised test (Revision 16), the vibration amplitude of the A-CSP exceeded the test acceptance criteria. Additional evaluation confirmed that the vibration was a result of the increased restriction of the one-inch recirculation flow path used in Revision 16 as compared to the two-inch flow path used in previous testing (Revision 15) and not a problem with actual pump operation.

Consultation with the pump vendor revealed that the vibration experienced during the revised test exceeded the recommended vibration for continuous operation. Therefore, testing the pumps using this procedure could represent a operability concern.

In order to resolve the concern regarding excessive pump vibration during testing, CP&L requests NRC approval of our withdrawal of our commitment date of June 1, 1988, to begin flow rate monitoring. CP&L will provide within 45 days a plan and schedule for implementation of flow monitoring during in-service testing of the CSPs. In the interim, until flow monitoring can be implemented, CP&L will continue to perform the previous in-service testing procedure which monitors all of the Table IWP-3100-1 parameters except flow rate. This procedure will be implemented as Revision 17.

The above information was discussed with Mr. R. Lo of your staff on June 3, 1988. Should you have further questions in this matter, please contact Mr. J. M. Curley at 803-383-1367.

Yours very truly,

R. B. Richey
Manager
Licensing and Nuclear Fuel

DCS/MDM/che (5426MDM)
cc: Dr. J. Nelson Grace
Mr. R. Lo
Mr. L. Garner (NRC-HBR)

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411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602