



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

July 25, 1991

Docket No.: 50-261

Mr. Lynn W. Eury
Executive Vice President
Power Supply
Carolina Power & Light Company
P.O. Box 1551
Raleigh, North Carolina 27602

Dear Mr. Eury:

SUBJECT: CORPORATE/H. B. ROBINSON UNIT NO. 2 MOTOR OPERATED VALVE INSPECTION
(NRC INSPECTION REPORT 50-261/91-201)

We are forwarding the report of the motor-operated valve (MOV) team inspection conducted by the U. S. Nuclear Regulatory Commission's (NRC's) Office of Nuclear Reactor Regulation (NRR) from June 10 through 14, 1991, at the Carolina Power & Light (CP&L) nuclear engineering offices in Raleigh, North Carolina. This inspection reviewed the programs you developed in response to NRC Generic Letter (GL) 89-10, "Safety-Related Motor-Operated Valve Testing and Surveillance." Implementation of your corporate program was reviewed for the H. B. Robinson Steam Electric Plant Unit No. 2 (H. B. Robinson 2). The areas examined during the inspection are discussed in the enclosed inspection report.

The results of this inspection were discussed with your staff during the exit meeting on June 14, 1991. The team found that portions of an acceptable MOV program had been developed by CP&L, but identified many weaknesses, especially with the H. B. Robinson plant implementing procedures. Overall the team identified nine significant weaknesses. Of specific concern was CP&L's failure to properly document and evaluate discrepant conditions found on two safety-related MOVs. A similar concern was identified during a previous MOV inspection at H. B. Robinson 2 (NRC Inspection Report 50-261/89-200), and the continued failure to properly document and evaluate conditions that question component or system operability is a problem that warrants increased management attention. Other weaknesses identified by the team included inadequate procedures for controlling the performance and evaluation of diagnostic testing and a setpoint document that did not contain minimum thrust requirements or limit switch or torque switch settings for a large number of valves. These combined weaknesses indicate a lack of overall management attention and priority to MOV issues at the Robinson site. The team also noted that the CP&L stance on valve mispositioning is not in conformance with the recommendations of GL 89-10.

Strengths related to the MOV program were identified in the areas of training, the number of valves to be tested under differential pressure, industry group

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involvement, and the electrical reviews related to thermal overload sizing, motor performance in high ambient temperature conditions, and degraded voltage.

Please inform us in writing, within 60 days, when the actions to address the open items contained in Appendix A to the enclosed inspection report will be available for reinspection. In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosure will be placed in the NRC Public Document Room. Any enforcement actions resulting from this inspection will be issued by Region II under separate correspondence.

Should you have any questions concerning this inspection, please contact the NRR Project Manager, Ronnie Lo, or the Inspection Team Leader, Jeffrey Jacobson. Messrs. Lo and Jacobson can be reached at (301) 492-1457 and (301) 492-0996, respectively.

Sincerely,

ORIGINAL SIGNED BY STEVEN A. VARGA

Steven A. Varga, Director
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Inspection Report 50-261

cc: See next page

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Mr. L. W. Eury
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H. B. Robinson Steam Electric
Plant, Unit No. 2

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