

CENTRAL FILES



Carolina Power & Light Company

June 12, 1979

FILE: NG-3513 (R)

SERIAL: GD-79-1510

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, GA 30303

UNNRO REGION
ATLANTA, GA
JUN 13 4 01:11

H. B. ROBINSON STEAM ELECTRIC PLANT
DOCKET NO. 50-261
LICENSE NO. DPR-23
RESPONSE TO IE BULLETIN 79-01

Dear Mr. O'Reilly:

Your letter of February 8, 1979, requested information on the environmental qualification of Class 1E equipment. This letter and its attached report provide Carolina Power & Light Company's response to your request.

The only stem-mounted limit switches of concern on Robinson safety systems have already been addressed in our responses to IE Bulletin 78-04 on March 29, 1978 and March 9, 1979. In view of the modifications described in those responses, we see no further concerns with stem-mounted limit switches at this time.

The attached report summarizes the qualification information available on Robinson Class 1E equipment. Actions to be taken by CP&L as a result of the findings of the report are outlined below.

Transmitter replacement, which was motivated by operational considerations not environmental concerns, will continue as new units are delivered and plant conditions permit.

We have not been able to find actual testing data on the ASCO solenoid valves used in containment, Item Number 12, and therefore CP&L will replace these valves with qualified ones at the next refueling outage. The extremely short operability time requirement and the fail safe on loss of air or power feature of the valves provide adequate assurance that operation may continue without undue risk to the public health and safety until replacement.

The McIntosh Equipment level switch, Item 23, will be replaced as quickly as a qualified replacement switch can be found and plant conditions permit. These switches only provide information to the operator and therefore no automatic safety actions are compromised even if the switches fail, and there are indirect ways in which the necessary level information could be obtained.

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Mr. James P. O'Reilly

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No information could be found on the cable splices made up inside containment at Robinson. CP&L will replace splices in safety-related cables with qualified materials. At the present time, the exact magnitude of this effort is not yet known and therefore we do not know if one or more refueling outages will be required for this effort. As plant conditions permit, a survey of the affected cables will be made to determine the number and location of the splices. When sufficient data is available to permit a detailed schedule to be prepared, we will inform you. There is no evidence that the splices were not prepared in a sound, craftsmanlike manner, and we believe that the plant can continue to operate without undue risk to the public health and safety while this issue is responsibly resolved.

We have not yet been able to find data on the radiation testing of the penetrations, Item 22, and connectors, Item 34. These issues will be pursued with Westinghouse to determine if test data or analytical results are available to qualify these components. Upon the completion of this continuing investigation, we will provide you with the results.

If you have any questions, please do not hesitate to contact my staff.

Yours very truly,



for E. E. Utley
Executive Vice President
Power Supply & Customer Services

CSB/jnh*

cc: Messrs. R. A. Hartfield
J. G. Davis