

CP&L

Carolina Power & Light Company

34 SEP 10 P 1: 21

H. B. ROBINSON STEAM ELECTRIC PLANT
POST OFFICE BOX 790
HARTSVILLE, SOUTH CAROLINA 29550

AUG 31 1984

Robinson File No: 11720

Serial: RSEP/84-544

Mr. James P. O'Reilly, Regional Administrator
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, N. W., Suite 3100
Atlanta, Georgia 30323

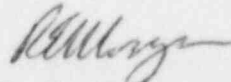
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
10CFR21 REPORT ON TEST SWITCHES

Dear Mr. O'Reilly:

Carolina Power and Light Company hereby notifies the NRC of an item reportable under 10CFR21. Enclosed is the H. B. Robinson, Unit 2, 10CFR21 Notification Form. Mr. Austin Hardin, NRC Region II, and Mr. Guy Beatty, Jr., Manager of the Robinson Nuclear Project have been notified of this report.

If you have any questions concerning this report, please contact our staff or me.

Very truly yours,



R. E. Morgan
General Manager
H. B. Robinson SEG Plant

CLW/wp

Enclosure

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NRC - 10CFR21 NOTIFICATION FORM

Robinson File No. 13520A

Report Date: 29 Aug. 84

CAROLINA POWER AND LIGHT COMPANY
H.B. ROBINSON SEG PLANT, UNIT NO. 2
POST OFFICE BOX 790
HARTSVILLE, SOUTH CAROLINA 29550

Docket No. 50-261

License No. DPR-23

1. Nature of defect or failure to comply: Approximately 10% of the switches purchased for test switches in the protection/safeguard circuitry did not pass installation continuity checks.
Block, Contact RE
Block, Contact RC
2. Date Identified:
29 Aug. 84
3. Basic component information (if applicable):
 - a. Supplier: REES, Inc., Fremont, Indiana
 - b. Component Quantity: 11
 - c. Where Located: Reactor protection/safeguard test switches
4. Nature of the defect or failure to comply and the safety hazard which was or could be created: Test switch is placed in the open position to allow test of circuit. Failure of switch to pass signal in normally closed position would prevent actuation of the respective protection/safeguard signal.
5. Advice related to the defect or failure to comply received from supplier: Manufacturer indicated this appears to be an isolated problem and is investigating.
6. Corrective action that was, is, will be taken; and length of time that has been or will be taken to complete the action: (Attach additional sheets as necessary.)

See Attached

Submitted By: _____

R. E. M. [Signature]
General Manager

Corrective Action Which Has Been Taken:

1. Reverified continuity of REES test switches which passed continuity checks and were installed.
2. Disassembled switches not passing continuity check and observed that contacts appeared deformed.
3. Disassembled switches that passed continuity check, and contacts appear normal.

Corrective Action Which Will Be Taken:

1. Review interim test methods to ensure that continuity testing as a result of this concern is adequate because the only method of visual inspection requires destroying contact.
2. Temporarily increase the frequency of continuity testing until results justify return to normal frequency.
3. Long Term - Determine the feasibility of improving the quality of the current switches or replacement by another qualified vendor.