



Carolina Power & Light Company

P. O. Box 101, New Hill, N. C. 27562
October 1, 1982

Mr. James P. O'Reilly
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 3100)
Atlanta, Georgia

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1985-89 - 900,000 KW - UNITS 1 & 2 05000400, 05000401
POTENTIALLY REPORTABLE ITEM - SHEARED PINION KEYS
ON LIMITORQUE VALVE MOTOR OPERATORS

Dear Mr. O'Reilly:

Attached for your use and information is an interim report on the above subject potentially reportable item.

Yours very truly

R. M. Parsons
Project General Manager
Shearon Harris Nuclear Power Plant

RMP/sh

cc: Mr. G. Maxwell (NRC-SHNPP)
Mr. V. Stello (NRC)

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CAROLINA POWER & LIGHT COMPANY

SHEARON HARRIS NUCLEAR POWER PLANT

Units 1 and 2

Interim Report

September 30, 1982

Potentially Reportable Under
10CFR50.55(e) and 10CFR21

SUBJECT: 10CFR50.55(e) and 10CFR21 Units 1 and 2 Potentially Reportable Item at SHNPP concerning Limitorque Valve Motor Operators

ITEMS: All Westinghouse-supplied valves fitted with Limitorque motor operators

SUPPLIED BY: Limitorque Corporation

NATURE OF DEFICIENCY: There is a potential for valve motor operators to have sheared pinion keys. Lack of specific information on pinion key material of various models of Limitorque operators was the basis of the above deficiency.

DATE PROBLEM CONFIRMED TO EXIST: Westinghouse Letter CQL-6978 dated August 10, 1982, and received August 16, 1982.

PROBLEM REPORTED: On September 3, 1982, Mr. L. E. Jones notified the NRC (Mr. A. Hardin) that this item was potentially reportable.

SCOPE OF PROBLEM: All Westinghouse-supplied valves fitted with Limitorque operators.

REASON PROBLEM IS POTENTIALLY REPORTABLE: Failure of safety-related valve motor operators could lead to a significant safety deficiency.

CORRECTIVE ACTION: Since this item has been declared potentially reportable, the final reportability status has not yet been determined. Westinghouse is continuing to discuss this item further with Limitorque Corporation. If this item is deemed reportable, then a corrective action plan and final report date will be submitted later. The anticipated date of reportability status is April 1, 1983.