



Carolina Power & Light Company

P. O. Box 101, New Hill, N. C. 27562
November 30, 1984

Mr. James P. O'Reilly
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 2900)
Atlanta, Georgia 30323

NRC-299

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986 - 900,000 KW - UNIT 1
COMPONENT COOLING WATER
SYSTEM BUTTERFLY VALVE OPERATORS, ITEM 181

Dear Mr. O'Reilly:

Attached is an interim report on the subject item which was deemed reportable per the provisions of 10CFR 50.55(e) and 10CFR, Part 21, on October 31, 1984. CP&L is pursuing this matter, and it is currently projected that corrective action and submission of the final report will be accomplished by June 30, 1985.

Thank you for your consideration in this matter.

Yours very truly,

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

RMP/rt

Attachment

cc: Messrs. G. Maxwell/R. Prevatte (NRC-SHNPP)
Mr. R. C. DeYoung (NRC)

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CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1

FIRST INTERIM REPORT

COMPONENT COOLING WATER SYSTEM
BUTTERFLY VALVE OPERATORS

ITEM NO. 181

NOVEMBER 28, 1984

REPORTABLE UNDER 10CFR50.55(e) AND 10CFR21

SUBJECT: 10CFR50.55(e) and 10CFR21 Reportable Item
Shearon Harris Nuclear Power Plant Unit 1
Unqualified Valve Operators for Component Cooling
Water System Butterfly Valves

ITEM: Valve operators (Limitorque) for component cooling
water system valves.

SUPPLIED BY: Westinghouse Water Reactor Divisions

NATURE OF
DEFICIENCY: CP&L identified in July, 1984 that motor operators
supplied by Westinghouse for certain butterfly valves
in the component cooling water system were not
qualified as 1E.

DATE PROBLEM
WAS CONFIRMED
TO EXIST: CP&L determined on July 3, 1984 that a potentially
reportable condition existed.

PROBLEM
REPORTED: N. J. Chiangi notified the NRC (Mr. A. Hardin) that
this item was potentially reportable under
10CFR50.55(e) and 10CFR21 on July 5, 1984.

K. Hate' notified the NRC (Mr. P. Fredrickson) that
this item was reportable under 10CFR50.55(e) and
10CFR21 on October 31, 1984.

SCOPE OF
PROBLEM: SHNPP Unit 1 component cooling water system butterfly
valve operators (four).

SAFETY
IMPLICATIONS: Failure of the operators could create the inability
to separate the redundant trains of component cooling
water, except by manual closure via the hand
operators.

REASON PROBLEM
IS REPORTABLE: Failure of the operators could lead to a degraded
safety condition.

CORRECTIVE
ACTION:

Westinghouse is evaluating the condition to determine whether operators can be qualified to 1E. If they are unable to do this, then the operators must be replaced.

FINAL REPORT:

A final report will be issued when the corrective action has been completed. This is now anticipated to be June 30, 1985.