

CP&L

Carolina Power & Light Company

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P.O. Box 101, New Hill, N.C. 27562
January 18, 1985

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

NRC-314

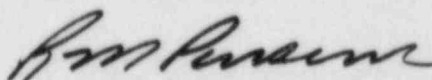
CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986 - 900,000 KW - UNIT 1
WELD DEFICIENCIES IN UNIT 1 CHILLED WATER VALVES,
HAMMEL DAHL ITT - ITEMS 127 & 199

Dear Mr. O'Reilly:

Attached is an interim report on the subject items which were deemed reportable per the provisions of 10CFR50.55(e) and 10CFR, Part 21 on May 5, 1983 (Item 127) and December 21, 1984 (Item 199). By copy of this correspondence, Item 127 is re-opened by Carolina Power and Light Company. This report supersedes the previous final report on Item 127 issued October 31, 1983. Carolina Power and Light Company is pursuing this matter, and it is currently projected that corrective action and submission of the final report will be accomplished by July 31, 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/dd

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

WELD DEFICIENCIES IN UNIT 1 CHILLED WATER VALVES

ITEM 127
&
ITEM 199

INTERIM REPORT

JANUARY 18, 1985

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

SUBJECT:

Shearon Harris Nuclear Power Plant Unit No. 1, 10CFR50.55(e) and 10CFR, Part 21 reportable items. Shop weld deficiencies in three-way chilled water valves purchased under Purchase Order N.Y. 435176, line items 163 and 168.

ITEM:

To date, valves identified are as follows:
Item 127; (DDR-1422) Valve 3CX-W25SB-1
Item 199; (NCR 84-2372) Valves 3CX-W175A-1 and 3CX-W24SB-1 (Note: Others are suspect)

SUPPLIED BY:

Hammel Dahl ITT, Warwick, Rhode Island

NATURE OF DEFICIENCY:

In March 1983 (Item 127) and in December 1984 (Item 199), the Quality Assurance Department, Shearon Harris Nuclear Power Plant, reported lack of penetration on the I.D. of vendor shop welds in the above referenced valves.

DATE PROBLEM OCCURRED:

Refer to the section above.

DATE PROBLEM REPORTED:

On May 5, 1983 (Item 127) and December 21, 1984 (Item 199), CP&L (Mr. N. J. Chiangi) notified the NRC (Mr. A. Hardin) that these items were reportable per the provisions of 10CFR50.55(e) and 10CFR, Part 21.

On October 31, 1983, CP&L (Mr. R. M. Parsons) issued a final report to the NRC (Mr. J. P. O'Reilly) on Item 127.

(Note: This report supersedes the final report on Item 127 issued October 31, 1983)

SCOPE OF PROBLEM:

The deficiencies involve the loss of safety-related chilled water. To date, three (3) valves have been identified as being deficient. An investigation is continuing to determine the full scope of this problem.

SAFETY IMPLICATION:

Loss of safety-related chilled water could potentially jeopardize the allowable environmental parameters of certain vital instruments in the main control room.

REASON DEFICIENCY IS REPORTABLE:

The loss of chilled water due to failure of the welds could result in the reduction of cooling in safety trains A& B air handling units. On the assumption failure occurs simultaneously on both trains, the loss of cooling in the control room would occur. This could result in a heat up which may exceed environmental qualification parameters of vital instruments.

**CORRECTIVE
ACTION:**

The three identified valves have been returned to the vendor for repairs. One valve (3CX-W25SB-1) has been received back on site and accepted based on repairs performed by the vendor.

An investigation is currently underway by site QA personnel to identify additional valves from the subject order which are now suspect.

**PREVENTIVE
MEASURES:**

Preventive measures will be by Hammel Dahl ITT.

FINAL REPORT:

The final report on these items will be issued after completion of our investigation and the affected valves have been repaired, accepted and adequate preventive measures have been received from Hammel Dahl. The projected date for the issuance of a final report is now July 31, 1985.