



Carolina Power & Light Company

P. O. Box 101, New Hill, N C 27562

January 30, 1985

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

NRC-319

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986 - 900,000 KW - Unit 1
SOCKOLETS AND WELDOLETS -
QUESTIONABLE STARTING MATERIAL, ITEM 178

Dear Mr. O'Reilly:

Attached is our final report on the subject item which was deemed reportable per the provisions of 10CFR 50.55(e) and 10CFR, Part 21, on June 19, 1984. With this report, Carolina Power & Light Company considers this matter closed.

If you have any questions regarding this matter, please do not hesitate to contact me.

Yours very truly,

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

RMP/sae

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

FINAL REPORT

SOCKOLETS AND WELDOLETS -
QUESTIONABLE STARTING MATERIAL

ITEM 178

January 30, 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 deficiency. Stainless steel sockolets and weldolets not supplied in accordance with NCA 3800.

ITEM: 1" and 1/2" ASME III Code Class 2 Weldolets and Sockolets.

SUPPLIED BY: Guyon Alloys, Ind., 950 S. 4th. St., Harrison, New Jersey 07029.

NATURE OF DEFICIENCY: Bonney Forge, the fitting manufacturer, performed an internal review and found that the material was not supplied in accordance with NCA 3800. (The mill test report was not verified by Bonney Forge testing).

DATE PROBLEM OCCURRED: CP&L was notified by Guyon Alloys on May 29, 1984 that the documentation was deficient.

DATE PROBLEM REPORTED: On June 19, 1984, CP&L (Mr. K. V. Hate') notified the NRC (Mr. A. Hardin) that this item was reportable per the provisions of 10CFR50.55(e) and 10CFR, Part 21.

SCOPE OF PROBLEM: 139 each 1" and 1/2" weldolets and sockolets.

SAFETY IMPLICATION: Since the documentation did not meet ASME Code requirements, the potential existed for failure if the fittings were installed in an ASME Class 2 or 3 line.

REASON DEFICIENCY IS REPORTABLE: The materials were incorrectly qualified as ASME Class 2.

CORRECTIVE ACTION: Of the 139 fittings received, 132 were returned to the vendor. The three (3) heat numbers in question were represented in the 132 fittings returned to the vendor. Bonney Forge and Guyon Alloys informed CP&L that the required chemical overchecks were performed and deemed acceptable. Documentation for the 7 fittings which remain on site has now been received.

PREVENTIVE MEASURES: Bonney Forge has informed CP&L that the cause of the problem was due to a misunderstanding by previously employed quality personnel as to which parts of their starting material inventory were purchased as nuclear and which parts were purchased to commercial specifications. Housekeeping and inadequate review during order processing in the Quality Control Department were also contributing factors.

PREVENTIVE
MEASURES: (Cont'd)

Bonney Forge has stated that their inventory has now been correctly identified as nuclear or commercial grade. Bonney Forge further stated that nuclear orders being processed through their Quality Control Department now receive at least two reviews to verify the correct material assignment.

Bonney Forge informed CP&L that an in-depth review of all materials shipped from their Carlinville Plant was performed, and that they found no similar discrepancies other than those identified to purchasers by letter dated February 15, 1984. As a result of the February 15, 1984 notification, CP&L has reported to the NRC on Item 174 dealing with similar deficiencies with materials manufactured by Bonney Forge and purchased by CP&L through Hub, Inc., Tucker, Georgia.