



Carolina Power & Light Company

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P. O. Box 101, New Hill, N. C. 27562
October 12, 1983

Mr. James P. O'Reilly
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 2900)
Atlanta, Georgia 30301

NRC-128

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986-90 - 900,000 KW - UNITS 1 & 2
MAIN CONTROL BOARD WELD DEFICIENCIES,
PURCHASE ORDER NY-435002, ITEM 103

Dear Mr. O'Reilly:

Attached is our second interim report on the subject item which was deemed reportable per the provisions of 10CFR50.55(e), on March 10, 1983. CP&L is pursuing this matter, and it is currently projected that corrective action and submission of the final report will be accomplished by January 31, 1984.

Thank you for your consideration in this matter.

Yours very truly,

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

RMP/sh

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 1

INTERIM REPORT NO. 2
MAIN CONTROL BOARD WELD DEFICIENCIES

ITEM 103

OCTOBER 12, 1983

REPORTABLE UNDER 10CFR50.55(e)

SUBJECT: Shearon Harris Nuclear Power Plant, Unit 1, 10CFR50.55(e)
Reportable Deficiency in the Main Control Board (MCB)
supplied under Purchase Order NY-435002, Westinghouse
Shop Order 395

ITEM: Structural Welding

SUPPLIED BY: Westinghouse Electric Corporation, Orville, Ohio

NATURE OF DEFICIENCY: The subject Unit 1 equipment has been received at the site.

During a CP&L site QA inspection of the equipment, weld deficiencies were noted when compared to the vendor's welding criteria.

DATE PROBLEM OCCURRED: The problem was noted by CP&L site QA inspection on September 30, 1982.

DATE PROBLEM REPORTED: October 14, 1982, CP&L (N. J. Chiangi) notified the NRC (Mr. C. Hehl) that this item was potentially reportable under 10CFR50.55(e).

March 10, 1983 - CP&L (N. J. Chiangi) notified the NRC (Mr. C. Hehl) that this item was reportable under 10CFR50.55(e).

SCOPE OF PROBLEM: The deficiency involves all sections (A, B, C, D) of the MCB. The board is fabricated in sections only due to physical limitations of handling and shipping. When installed, it becomes a single unit.

SAFETY IMPLICATIONS: Seismic qualification of the MCB is required to assure structural integrity during a seismic event. Safety-related components are located in the board; thus, structural failure of the board would jeopardize operation of the safety-related equipment.

REASONS
DEFICIENCY IS
REPORTABLE:

During initial site inspection, several welds were identified as missing or possibly needing repair. Further inspection, using vendor weld criteria determined that six (6) welds should be added or repaired.

CORRECTIVE
ACTION:

The identified deficient welding has been repaired by the vendor. The MCB will be reinspected to vendor weld criteria. Any deficiency found will be corrected.

The vendor is performing a seismic qualification analysis using design criteria to which the MCB was built.

FINAL REPORT:

The original completion date of October 15, 1983 for the vendor's seismic qualification analysis was not met due to commercial problems between CP&L and the vendor. These problems have been resolved and the new scheduled completion date is now December 30, 1983. A final report will be issued after CP&L review. The scheduled report date is January 31, 1984.