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ATLANTA, GEORGIA
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Carolina Power & Light Company

P. O. Box 101, New Hill, N. C. 27562
July 5, 1983

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Mr. James P. O'Reilly
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 2900)
Atlanta, Georgia 30303

NRC-97

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986-90 - 900,000 KW - UNITS 1 & 2
PIPE HANGER FRAME BASE METAL REDUCTION, ITEM 136

Dear Mr. O'Reilly:

Attached is the final report on the subject item which was deemed reportable per the provisions of 10CFR50.55(e) and 10CFR, Part 21, on June 6, 1983. With this report, Carolina Power and 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
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 NO. 1

FINAL REPORT

C-1-195 SUPPORT FRAME WELDING DEFECTS

ITEM NO. 136

JUNE 30, 1983

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

SUBJECT: SHNPP Unit No. 1 10CFR50.55(e) and 10CFR21 reportable item - Welding Defects in Pipe Support Frame C-1-195

ITEM: Shop welding of pipe support frame.

SUPPLIED BY: Bergen-Paterson Pipesupport Corp., Laconia, New Hampshire

NATURE OF DEFICIENCY: Frame C-1-195 was fabricated by PX Engineering in Boston, Massachusetts working under subcontract to Bergen-Paterson. The frame was shipped in several large, shop-welded subassemblies. In order to install these fabricated portions of the frame, it was necessary for us to cut through some of the shop welds. This revealed that weld preparations had been improperly done with torch cuts through the base metal, which had been concealed by the attaching members.

DATE PROBLEM OCCURRED: DDR-1562 was written on May 23, 1983.

DATE PROBLEM REPORTED: On June 6, 1983, Mr. N. J. Chiangi notified the NRC (Mr. A. Hardin) that this item was reportable.

SCOPE OF PROBLEM: Large Pipe Support Frame C-1-195

SAFETY IMPLICATIONS: The damaged base metal which was revealed could have significantly affected the ability of the frame to provide necessary support during a seismic event. Other joints not investigated may have had similar or more serious defects.

CORRECTIVE ACTION: The frame fabricated by PX Engineering will not be used, and no additional shipments from PX Engineering will be accepted. Frame C-1-195 will be refabricated using certified material with welding performed on site.