



Carolina Power & Light Company

SHEARON HARRIS NUCLEAR PROJECT
P. O. Box 165
New Hill, North Carolina 27562

FEB 28 1986

File Number: SHF/10-13510E
Letter Number: HO-860236 (O)

NRC-418

Dr. J. Nelson Grace
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 2900)
Atlanta, Georgia 30323

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986 - 900,000 KW - UNIT 1
DEFECTIVE WELDS ON 480V SWITCHGEAR, P.O. NY-435171
ADDENDUM NO. 1 TO FINAL REPORT - ITEM 104

Dear Dr. Grace:

Attached is Addendum No. 1 to the Final 10CFR50.55(e) Report issued to the NRC on March 28, 1985 for the above subject item. This addendum addresses the concern identified in Inspection Report RII: GAH 50-400/85-22.

If you have any questions regarding this matter, please contact me.

Yours very truly,

R. A. Watson
Vice President
Shearon Harris Nuclear Power Plant

MW:cwj

Attachment

cc: Mr. G. Maxwell (NRC-SHNPP)
Mr. J. M. Taylor (NRC)

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SHEARON HARRIS NUCLEAR POWER PLANT

UNIT NO. 1

DEFECTIVE WELDS ON 480V SWITCHGEAR

ADDENDUM NO. 1 TO FINAL REPORT - ITEM 104
ISSUED MARCH 28, 1985

FEBRUARY 24, 1986

During an audit by the NRC of our 10CFR50.55(e) files, a question was raised in regard to the above subject. The NRC inspector questioned the justification for accepting several welds which were not reinspected due to being covered with a coating of shellac. In response to the inspector's concern CP&L reviewed the method of evaluation of the shellac covered welds. Based on the concern, CP&L removed the coatings on the critical welds on one of the six safety related switchgears. Results of this inspection revealed no significant deficiencies in weld quality. Subsequent qualification testing and analysis was performed utilizing the weld configuration and quality of the as-built condition. The equipment was shown to be seismically adequate based on the final qualification report.