

USNRC REGION II  
ATLANTA, GEORGIA  
**CP&L**

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Carolina Power & Light Company

P. O. Box 101, New Hill, N. C. 27562  
July 1, 1983

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

NRC-93  
50-400

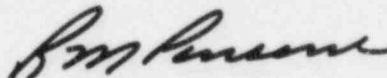
CAROLINA POWER & LIGHT COMPANY  
SHEARON HARRIS NUCLEAR POWER PLANT  
1986-90 - 900,000 KW - UNITS 1 & 2  
REMOVAL OF EXPANSION ANCHORS AFTER INSPECTION,  
ITEM 132

Dear Mr. O'Reilly:

Attached is the final report on the subject item which was deemed reportable per the provisions of 10CFR50.55(e) on June 1, 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. V. Stello (NRC)

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CAROLINA POWER & LIGHT COMPANY  
SHEARON HARRIS NUCLEAR POWER PLANT

UNITS 1 AND 2

FINAL REPORT

REMOVAL OF EXPANSION ANCHORS AFTER INSPECTION  
ITEM 132

JULY 1, 1983

REPORTABLE UNDER 10CFR50.55(e)

SUBJECT:

Shearon Harris Nuclear Power Plant Unit No. 1  
10CFR50.55(e) reportable deficiency concerning a  
seismic hanger base plate and expansion anchors  
being removed after inspection without prior  
notification to Construction Inspection.

ITEM:

DR-C-1860: The hanger base plate installed under  
anchor placement 1FH261-014 was removed, after  
installation and inspection, without prior notifi-  
cation to Construction Inspection as required by  
procedure.

SUPPLIED BY:

This is not a supplier-related deficiency. The  
plate was field fabricated and installed.

NATURE OF DEFICIENCY:

This plate was installed using drilled-in expansion  
anchors which were torqued to the required tension  
pre-load, inspected and accepted. The plate was  
subsequently removed by craftsmen to facilitate  
attachment of the seismic hanger, without notification  
to Construction Inspection as required by procedure  
to ensure reinspection after reinstallation.

DATE PROBLEM OCCURRED:

This problem was detected on April 18, 1983.

DATE PROBLEM REPORTED:

On May 3, 1983, Mr. M. M. Pugh notified Mr. A. Hardin,  
NRC, that this item was potentially reportable per  
provisions of 10CFR50.55(e). On June 1, 1983, Mr.  
K. V. Hate' notified Mr. A. Hardin that this item was  
reportable.

SCOPE OF PROBLEM:

This problem is limited to a single hanger base  
plate in the Fuel Handling Building.

SAFETY IMPLICATION:

The base plate supports a pipe hanger which, in turn,  
supports the chilled water spray pipe. Had the  
plate been incorrectly reinstalled and failed as a  
result, the remaining pipe hangers would not have  
been adequate to support the pipe.

REASON DEFICIENCY  
IS REPORTABLE:

Engineering evaluation indicates the pipe would not  
have been adequately supported by remaining hangers  
had this one failed.

CORRECTIVE ACTION:

The hanger base plate has been reinstalled and retorqued and accepted by Construction Inspection.

PREVENTATIVE MEASURE:

The inspection procedure TP-39, Rev. 5 (currently in the approval cycle) includes a requirement for an inspection indicator to help ensure that a reoccurrence will be easily detectable.