



Carolina Power & Light Company

P.O. Box 101, New Hill, N.C. 27562
July 24, 1984

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

NRC-243

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986 - 900,000 KW - UNIT 1
BOLTS - MAXIMUM HARDNESS VALUES EXCEEDED, ITEM 175

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) and 10CFR, Part 21, on May 17, 1984. CP&L is pursuing this matter, and it is currently projected that corrective action and submission of the final report will be accomplished by September 26, 1984.

Thank you for your consideration in this matter.

Yours very truly,

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

RMP/jam

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

SECOND INTERIM REPORT

BOLTS
MAXIMUM HARDNESS VALUES EXCEEDED

ITEM 175

JULY 24, 1984

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. Bolts received exceeded maximum
hardness values.

ITEM: Bolts intended for use on seismic
instrumentation supports.

SUPPLIED BY: Hub, Inc., Tucker, Georgia

NATURE OF
DEFICIENCY: Seismic Class I bolts were certified to ASTM A-193
Grade B8 by the vendor, Hub, Inc. Subject bolts
received by CP&L did not meet hardness requirements
of ASTM A-193, Grade B8. All bolts had a hardness
value significantly above the maximum allowed.

DATE PROBLEM
REPORTED: On May 17, 1984, CP&L (K.V. Hate') notified the
NCR (Mr. A. Hardin) of a reportable item per the
provisions of 10CFR50.55(e) and 10CFR, Part 21.

SCOPE OF
PROBLEM: These bolts were received, tested, and then placed
on hold. Items were not issued to the field for
installation. The intended use was for support
of seismic instrumentation.

SAFETY
IMPLICATION: If subject bolts were used, seismic instrumentation
supports could have failed.

REASON DEFICIENCY
IS REPORTABLE: (Same as above).

CORRECTIVE ACTION: The subject bolts are to be returned to the vendor
for: 1) heat treatment and returned to site or 2)
returned to vendor and order cancelled.

FINAL REPORT:

The final report is still pending the shipment of the bolts back to the vendor and obtaining cause and preventive measures from the vendor and/or manufacturer. There has been a delay in acquiring cause and preventive measures. Further discussions are planned between the vendor and Harris management. The final report is projected to be issued by September 26, 1984.