



Carolina Power & Light Company

July 19, 1982

File: SH N-2/18
Item 92

CQAD 82-1246

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

32 JUL 23 P 2: 20
1 SMO REGION II
ATLANTA, GEORGIA

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1
DOCKET NO. 50-400
BOLTED CONNECTIONS WITH EXCESSIVE GAPS AND
ASTM A325 NUTS ON ASTM A490 BOLTS

Dear Mr. O'Reilly:

On July 2, 1982, the NRC (Mr. A. Hardin) was notified by Carolina Power & Light Company of an item considered potentially reportable per the provisions of 10CFR50.55(e). The NRC was informed that two structural steel bolted connections in the Unit 1 Turbine Building were found to have excessive gaps after tightening and several ASTM A490 bolts had ASTM A325 nuts instead of the required ASTM A490 material nuts.

The intent of this letter is to inform you that Carolina Power & Light Company has not been able to complete its evaluation concerning this matter. Ebasco Services has designed a test procedure to permit evaluation of mis-matched nuts and bolts for acceptability. The testing will be performed by Carolina Power & Light Company at the Shearon Harris Energy and Environmental Center Materials Laboratory. Evaluation of the gaps between connecting structural members is in progress by Ebasco. It is now anticipated that the reportability evaluation will be completed by October 15, 1982, at which time the NRC will be informed of the results. Completion of any corrective action, if required, will depend on the results of the evaluation and extent of corrective action. If the item is deemed reportable, the NRC will be so notified and the projected date of completion of corrective action and final report provided through submittal of an interim letter.

411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

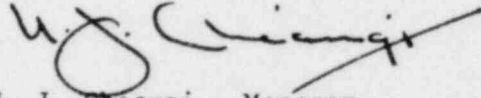
OFFICIAL COPY

B208020217 B20719
PDR ADOCK 05000400
S PDR

IG 27

Thank you for your consideration in this matter.

Yours very truly,

A handwritten signature in black ink, appearing to read "N. J. Chiangi", with a long horizontal stroke extending to the right.

N. J. Chiangi - Manager
Engineering & Construction
Quality Assurance/Quality Control

NJC/mt

cc: Mr. G. Maxwell
Mr. V. Stello (2)