



Carolina Power & Light Company

July 19, 1982

File: SH N-2/18  
Item 90

CQAD 82-1248

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

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1  
DOCKET NO. 50-400  
ASTM A325 NUTS USED ON ASTM A490 BOLTS

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

Dear Mr. O'Reilly:

On June 18, 1982, the NRC (Mr. C. Hehl) 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 ASTM A325 nuts were found on ASTM A490 bolts in two structural connections in the Unit 1 Turbine Building.

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. 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.

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Thank you for your consideration in this matter.

Yours very truly,

A handwritten signature in dark ink, appearing to read "N. J. Chiangi", with a large, stylized loop at the end.

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

NJC/mt

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