



Carolina Power & Light Company

P. O. Box 101, New Hill, N. C. 27562  
October 13, 1982

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NRC-11  
USNRC REGION II  
ATLANTA, GEORGIA

Mr. James P. O'Reilly  
United States Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Northwest (Suite 3100)  
Atlanta, Georgia 30303

CAROLINA POWER & LIGHT COMPANY  
SHEARON HARRIS NUCLEAR POWER PLANT  
1985-89 - 900,000 KW - UNITS 1 & 2  
ITEM NO. 90; DR-AS-48, ITEM NO. 92, DR-AS-56, DR-AS-57

Dear Mr. O'Reilly:

On June 18, 1982, Mr. C. Hebl of the NRC was notified of a potentially reportable item per provisions of 10CFR50.55(e), and on July 2, Mr. A. Hardin was notified of two additional examples of the same problem, also evaluated as potentially reportable. These were Items 90 and 92, respectively, and consisted of connections between structural steel members in the Unit No. 1 turbine building which were found to have gaps between the mating surfaces, and which also had A490 bolts with A325 nuts.

These items were referred to Ebasco Services, Inc. for evaluation. Ebasco designed a test procedure for testing the A490 bolts with A325 nuts. These tests are in progress at an independent test lab under the direction of the CP&L Materials Test Laboratory. When testing is complete, the results will be used by Ebasco to complete evaluation of the connections.

We now estimate test results will be available and evaluation complete by November 30, 1982.

Yours very truly,

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

RMP/sh

cc: Mr. G. Maxwell (NRC-SHNPP)  
Mr. V. Stello (NRC)

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