

CP&L

Carolina Power & Light Company

P. O. Box 101, New Hill, N. C. 27562
April 15, 1983

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NRC-58

83 APR 19 A 9:49
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
1986-90 - 900,000 KW - UNITS 1 & 2
BOLTED CONNECTIONS WITH EXCESSIVE GAPS AND ASTM A325 NUTS
ON ASTM A490 BOLTS, ITEM 92

Dear Mr. O'Reilly:

On July 2, 1982, Mr. A. Hardin of the NRC was notified by CP&L of a potentially reportable item per provisions of 10CFR50.55(e). The item consisted of structural steel connections with gaps between the mating surfaces, and ASTM A490 bolts installed with ASTM A325 nuts, in the Unit No. 1 Turbine Building. Subsequent inspections in the Turbine No. 1 and Containment No. 1 Buildings revealed other connections with the same problem.

As stated in our interim report (NRC-26, dated November 30, 1982), tests performed on ASTM A490 bolts with A325 nuts showed there is no significant loss in load capacity of the connections due to this bolt/nut combination, and the bolts were accepted to be left "as-is" by PW-AS-2229. We further stated in this report that all connections with gaps between the mating surfaces which had so far been evaluated had been non-reportable, but that each similar connection identified must be evaluated individually and this was continuing, along with the structural connection reinspection. We projected this reinspection and evaluation to be complete by April 15, 1983.

We have completed the planned reinspection of connections in both Turbine No. 1 and Containment No. 1 Buildings, and all deficiencies noted have been referred to Ebasco Services, where they are currently under evaluation (in conjunction with Items 102 and 112).

We expect the evaluation to be complete by December 31, 1983 and, for this reason, we request an extension until January 12, 1984 for submitting a report on the reportability of this item.

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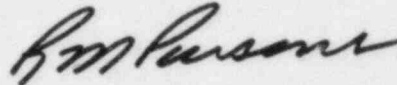
Mr. James P. O'Reilly

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Thank you for your consideration in this matter.

Yours very truly,

A handwritten signature in dark ink, appearing to read "R. M. Parsons". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

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

RMP/sh

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