



Carolina Power & Light Company

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P.O. Box 101, New Hill, N.C. 27562
July 19, 1984

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

NRC-241

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986 - 900,000 KW - UNIT 1
IN-CORE FLUX MAPPING SYSTEM -
SYSTEM INTERACTIONS, ITEM 179

Dear Mr. O'Reilly:

On June 22, 1984, Mr. N. J. Chiangi notified the NRC (Mr. D. Verrelli) of a potentially reportable item per the provisions of 10CFR50.55(e) and 10CFR, Part 21. The NRC was informed that the interaction scenario postulating portions of the nonsafety flux mapping system falling on the in-core instrumentation tubing/seal table during a seismic event has not been adequately considered by Westinghouse.

CP&L is currently waiting on Westinghouse to perform a structural integrity analysis for the portion of the in-core flux mapping system that is located above the in-core instrumentation tubing/seal table. It is projected that the analysis will be received and a report on the reportability of this item will be issued by September 30, 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

cc: Messrs. G. Maxwell/R. Prevatte (NRC-SHNPP)
Mr. R. C. DeYoung (NRC)

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