

CP&L
Carolina Power & Light Company
Raleigh, N. C. 27602

COPY

File: SH N-2/18
Item 58

June 19, 1981

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



SHEARON HARRIS NUCLEAR POWER PLANT UNITS 1, 2, 3, AND 4
DOCKET NOS. 50-400, 50-401, 50-402, 50-403
WESTINGHOUSE/EBASCO DESIGN INTERFACE

Dear Mr. O'Reilly:

Attached is an interim report on the subject item which was deemed potentially reportable on May 20, 1981. As stated in the report, the need for Westinghouse and/or Ebasco reanalysis will be determined by December 1, 1981. By December 15, 1981, we will either determine reportability based on our review of the situation or submit another interim report providing the item status and the new date as to when the reportability evaluation will be completed.

Thank you for your consideration in this matter.

NJC/gea (893/957)
Attachment

cc: Mr. G. Maxwell W/A
Mr. V. Stello (2) W/A ✓

Yours very truly,
Original Signed By
N. J. Chiangi
N. J. Chiangi - Manager
Engineering & Construction
Quality Assurance/Quality Control

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SHNPP
UNIT NOS. 1, 2, 3, AND 4

Westinghouse/Ebasco Design Interface

INTERIM REPORT

June 17, 1981

Potentially Reportable Under 10CFR50.55(e)
and 10CFR21

Prepared by: CP&L

SUBJECT: 10CFR50.55(e) and 10CFR21 Potentially Reportable Item -
SHNPP
Westinghouse/Ebasco Design Interface

ITEMS: Design Input and Calculations

SUPPLIED BY: Westinghouse
Ebasco

NATURE OF

DEFICIENCY: Concern that communication between Ebasco and Westinghouse on design changes that could affect design work has not been fully effective.

DATE PROBLEM
WAS CONFIRMED
TO EXIST:

There is not yet any confirmation that a problem does/ does not exist, therefore, the potentially reportable status of this situation.

PROBLEM

REPORTED: May 20, 1981 - N. J. Chiang informed the NRC (Mr. R. Butcher) that this item was potentially reportable under 10CFR50.55(e) and 10CFR21.

SCOPE OF
PROBLEM:

Preliminary investigations of the potential generic situation between Ebasco and Westinghouse indicate that differences may exist between later Ebasco design changes to inputs used by Westinghouse in their calculations and those originally used in the Westinghouse calculations.

REASON PROBLEM
IS POTENTIALLY

REPORTABLE: The significance of these design changes and their impact on Westinghouse/Ebasco calculations is currently being evaluated.

CORRECTIVE
ACTION:

To improve the method of communicating these changes, reconcile the present mismatches (if any), and assure coordination of future design changes, the following steps will be taken:

1. Westinghouse to identify Ebasco design information used by Westinghouse.
2. Ebasco to identify Westinghouse design information used by Ebasco.
3. Ebasco and Westinghouse to identify the latest design information.
4. Westinghouse and Ebasco to determine whether mismatches require reanalysis to reconcile inconsistencies.

5. Ebasco to initiate system of flagging transmittal of "interface" documents. Westinghouse to track the latest Ebasco design information against the information used by Westinghouse.

The need for Westinghouse and/or Ebasco reanalysis will be determined by December 1, 1981. By December 15, 1981, we will either determine reportability based on our review of the situation or submit another interim report. We feel this schedule represents a responsible approach to the concern.