



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

January 31, 1991

Docket Nos. 50-352
and 50-353

Mr. George J. Beck
Manager-Licensing, MC 5-2A-5
Philadelphia Electric Company
Nuclear Group Headquarters
Correspondence Control Desk
P. O. Box No. 195
Wayne, Pennsylvania 19087-0195

Dear Mr. Beck:

SUBJECT: PHILADELPHIA ELECTRIC COMPANY IN-HOUSE REACTOR CORE RELOAD
METHODOLOGY TOPICAL REPORTS (TAC NOS. 79030 AND 79031)

We previously approved, with restrictions, six of Philadelphia Electric Company's (PECo) Topical reports for use in analyses for Peach Bottom, Units 2 and 3. These reports describe in-house reactor core reload analysis methodologies. The six reports were PECO-FMS-0001 through PECO-FMS-0006. PECO-FMS-0001 and PECO-FMS-0002 were approved by our letter of October 22, 1987. PECO-FMS-0003 through PECO-FMS-0006 were approved by our letters of September 21, 1989, November 23, 1988, November 9, 1989 and June 15, 1990, respectively. Each approval was documented by an accompanying safety evaluation, which discussed the conditions and restrictions on the use of the topical reports in reload analyses. In each case, our approval for your use of the topical reports in licensing applications was limited to Peach Bottom, Units 2 and 3.

Your letter of August 24, 1990 requested our approval for application of the PECO reload analysis methodologies described in Topical Reports PECO-FMS-0001 through PECO-FMS-0005 to Limerick Generating Station, Units 1 and 2, with the same restrictions and conditions previously specified for Peach Bottom, Units 2 and 3.

Your letter provided justification for the applicability of your reload methodology Topical Reports to Limerick, Units 1 and 2. Peach Bottom 2 and 3 and Limerick 1 and 2 are of the General Electric BWR-4 design, having very similar reactor systems, rated operating parameters, reload fuel designs and core loading configurations. You also discussed how the computer codes and procedures described in the Topical Reports would account for the minor differences that exist between the two Peach Bottom units and the two Limerick units.

Your proposed use of PECO Topical Reports FMS-0001, FMS-0002, FMS-0003, FMS-0004 and FMS-0005 for core reload analyses for Limerick, Units 1 and 2, is hereby approved, subject to the conditions and restrictions in the above cited

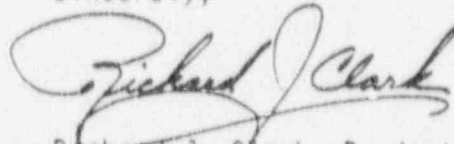
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Mr. George J. Beck

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SEs and TERs associated with each report. As discussed with your staff, additional information is needed to support the applicability of FMS-0006 to Limerick, Units 1 and 2.

Sincerely,

A handwritten signature in cursive script that reads "Richard J. Clark". The signature is written in dark ink and is positioned above the typed name and title.

Richard J. Clark, Project Manager
Project Directorate 1-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

Mr. George J. Beck
Philadelphia Electric Company

Limerick Generating Station
Units 1 & 2

cc:

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Sanatoga, Pennsylvania 19464

Mr. George J. Beck

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SEs and TERs associated with each report. As discussed with your staff, additional information is needed to support the applicability of FMS-0006 to Limerick, Units 1 and 2.

Sincerely,

Original signed by
Richard J. Clark

Richard J. Clark, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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