



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

December 11, 1989

Docket Nos. 50-352/353

Mr. George A. Hunger, Jr.  
Director-Licensing, MC 5-2A-5  
Philadelphia Electric Company  
Correspondence Control Desk  
P.O. Box No. 195  
Wayne, Pennsylvania 19087-0195

Dear Mr. Hunger:

SUBJECT: RESPONSE TO NRC BULLETIN 88-04 (TAC NOS. 69931 AND 69932)

On May 5, 1988, the NRC staff issued NRC Bulletin 88-04, "Potential Safety-Related Pump Loss." The bulletin requested the evaluation of all safety-related pumps for 1) pump-to-pump interaction during miniflow operation that could result in dead-heading one or more of the pumps, and 2) the adequacy of the minimum flow bypass lines with respect to damage resulting from operation and testing in the minimum flow mode. The bulletin also requested that within 60 days of receipt of the bulletin, licensees provide a written response that (a) summarizes the problems and the systems affected, (b) identifies the short-term and long-term modifications to plant operating procedures or hardware that have been or are being implemented, (c) identifies an appropriate schedule for long-term resolution of this and other significant problems that are identified as a result of this bulletin, and (d) provides justification for continued operation, particularly with regard to General Design Criterion 35 of Appendix A to Title 10 of the Code of Federal Regulations (10 CFR Part 50), "Emergency Core Cooling" and 10 CFR 50.46, "Acceptance Criteria for Emergency Core Cooling Systems for Light Water Nuclear Power Reactors." Additionally, the staff requested that within 30 days of completion of the long-term resolution actions, licensees provide a written response describing the actions taken.

By letters dated June 30, 1988 and April 28, 1989, you responded to Bulletin 88-04. Your response provided the information requested in a, b, c, and d above. Your response also described long-term resolution actions, and identified completion dates of April, 1989 (Unit 2) and fall of 1990 (Unit 1) for those actions. This fulfills your requirement in responding to Bulletin 88-04.

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As discussed in Bulletin 88-04, you should document and maintain for at least two years an evaluation of your actions in responding to the bulletin. These records may be subject to future auditing.

Sincerely,



E. H. Trottier, Project Manager  
Project Directorate 1-2  
Division of Reactor Projects 1/11  
Office of Nuclear Reactor Regulation

cc:  
See next page

As discussed in Bulletin 88-04, you should document and maintain for at least two years an evaluation of your actions in responding to the bulletin. These records may be subject to future auditing.

Sincerely,

/S/

E. H. Trottier, Project Manager  
Project Directorate I-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

cc:  
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Mr. George A. Hunger, Jr.  
Philadelphia Electric Company

Limerick Generating Station  
Units 1 & 2

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