



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

April 9, 1992

Docket No. 50-352

Mr. George J. Beck  
Manager-Licensing, MC 52A-5  
Philadelphia Electric Company  
Nuclear Group Headquarters  
Correspondence Control Desk  
P.O. Box No. 195  
Wayne, Pennsylvania 19087-0195

Dear Mr. Beck:

SUBJECT: INDICATION IN REACTOR VESSEL RECIRCULATION RISER NOZZLE TO SAFE END WELD, LIMERICK GENERATING STATION, UNIT 1, (TAC NO. MB3078)

Your letter of April 3, 1992 requested approval for the application of the Mechanical Stress Improvement Process (MSIP) to the N2H recirculation riser nozzle to safe end weld at Limerick Generating Station, Unit 1. Approval is hereby granted subject to the following commitments described in your letter and confirmed in discussions with your staff:

1. An ultrasonic testing (UT) examination will be performed following the application of the MSIP, prior to startup from the current (fourth) refueling outage. The results of this examination will be used as the baseline for future examinations of the N2H nozzle to safe end weld. Also, prior to startup from the current outage, the post-MSIP UT results will be provided to the NRC.
2. Future examinations of the N2H nozzle to safe end weld will be performed in accordance with the requirements of the Limerick Technical Specifications (TSs). Section 4.0.5.f of the TSs requires that "the Inservice Inspection (ISI) Program for piping identified in NRC Generic Letter 88-01 shall be performed in accordance with the staff positions on schedules, methods and personnel, and sample expansion included in the Generic Letter". As confirmed with your staff, this TS section requires that the weld be reinspected at each of the next four Unit 1 refueling outages to meet the staff position on inspection schedules in Generic Letter 88-01 and NUREG-0313, Revision 2.
3. The performance of the Limerick chemistry staff in maintaining high quality reactor water chemistry during the past operating cycle minimized the potential for intergranular stress corrosion cracking of stainless steel piping in Units 1 and 2. You will continue to strive to maintain reactor water chemistry within the EPRI guidelines and will continue with implementation of the Condensate Filter Demineralizer Optimization Program at Limerick. You will complete installation of the deep bed demineralizers in the condensate system during the current outage and, following testing, the units will be placed in service during the early part of the next operating cycle.

JFO  
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PDR

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- 4. The ability to continue monitoring the N2H nozzle to safe end weld with the Crack Advance Verification System (CAVS) during the fifth operating cycle will be evaluated. A final decision regarding this continued CAVS monitoring will be reached prior to startup from the current refueling outage and discussed with the NRC at that time.

Sincerely,

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

cc: See next page

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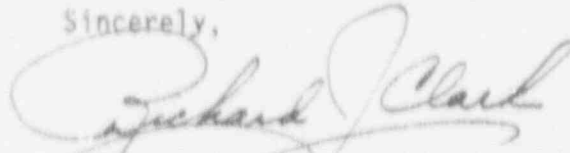
Mr. George J. Beck

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April 9, 1992

4. The ability to continue monitoring the N2H nozzle to safe end weld with the Crack Advance Verification System (CAVS) during the fifth operating cycle will be evaluated. A final decision regarding this continued CAVS monitoring will be reached prior to startup from the current refueling outage and discussed with the NRC at that time.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard J. Clark". The signature is written in dark ink and is positioned above the typed name and title.

Richard J. Clark, Senior Project Manager  
Project Directorate I-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

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