

PHILADELPHIA ELECTRIC COMPANY

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SHIELDS L. DALTROFF
VICE PRESIDENT
ELECTRIC PRODUCTION

(215) 841-5001

October 6, 1983

Docket No. 50-277

Mr. John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20055

Dear Mr. Stolz:

This letter provides additional information concerning the Philadelphia Electric Company presentation to the NRC staff on Thursday, September 29, 1983, relative to IGSCC inspection and repairs underway for Peach Bottom Unit 2.

At that meeting, draft reports "Evaluation of Recirculation Manifold to Sweepolet Weld Indications in the Peach Bottom Unit 2" and "Fracture Mechanics Evaluation and Weld Overlay Design for the Indications in the Peach Bottom 2 Recirculation and RHR Piping" were presented and discussed.

Among other things, these reports provided justification for returning the unit to service without providing repair to two RHR pipe welds and two recirculation manifold sweepolet welds having indications of cracking in accordance with analysis performed according to Appendix X to Section XI of the ASME code.

This letter is intended to assure that, although the reports provide technical analysis to support 24 months of operation, our plans as outlined in the September 29, 1983, meeting are to return the unit to service and operate 6 months to exhaust the present fuel load.

Planning and material procurement to replace pipe during the Unit 2 refueling outage scheduled to begin in March of 1984 is now being studied in our Engineering & Research Department. The pipe replacement being studied would remove all welds with confirmed indications from service. If for some unforeseen reason the pipe replacement cannot be accomplished to remove

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these welds, then appropriate weld repairs would be applied during that refueling outage.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "S. H. Sattler".

cc: A. R. Blough, Site Inspector