

# PHILADELPHIA ELECTRIC COMPANY

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SHIELDS L. DALTROFF  
VICE PRESIDENT  
ELECTRIC PRODUCTION

April 15, 1985

Docket No. 50-277

Mr. J. F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
Washington, DC 20555

Subject: Peach Bottom Atomic Power Station - Unit 2  
Justification for Continued Operation following  
Current Refueling/Major Modification Outage

Reference: Order Confirming Licensee Commitments on Pipe  
Crack Related Issues, J. F. Stolz, USNRC, to E.  
G. Bauer, Jr., PECO, November 30, 1983

Dear Mr. Stolz:

The reference confirmatory order permitted operation of Peach Bottom Unit 2 for a period of 4,100 hours based on crack growth calculations and overlay repairs performed during the Summer 1983 outage.

Peach Bottom Unit 2 was subsequently removed from service, on April 28, 1984 for a refueling/major modification outage and is expected to return to service in late May, 1985. During this outage the recirculation system, residual heat removal system (RHR) suction and return piping within containment, a portion of RHR head spray, ten recirculation inlet safe-ends, two jet pump penetration seals and a portion of the reactor water cleanup system piping were replaced with material less susceptible to intergranular stress corrosion cracking. As required by the order contained in Paragraph III of the reference confirmatory order, the plans for pipe replacement activities were transmitted to the NRC for review on March 6, 1984 via letter, S. L. Daltroff, PECO to J. F. Stolz, USNRC.

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Mr. J. F. Stolz, USNRC

April 15, 1985

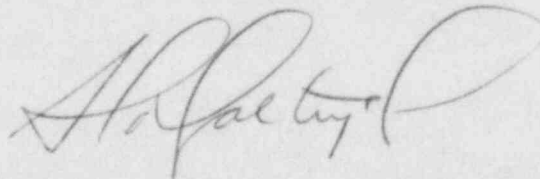
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In further compliance with the requirements of the reference confirmatory order, specifically, the orders contained in Paragraph IV, this letter transmits Philadelphia Electric Company's Justification for Continued Operation for NRC review and approval prior to unit restart following completion of the current outage.

The enclosed report is intended to be sufficiently detailed to preclude the necessity of NRC review of previous Philadelphia Electric Company to NRC correspondence relative to the mitigation of intergranular stress corrosion cracking in primary system piping on Peach Bottom Unit 2.

Should you require any additional information, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. F. Stolz", is written over the typed name.

Enclosures

cc: T. P. Johnson, Site Inspector