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# PHILADELPHIA ELECTRIC COMPANY

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SHIELDS L. DALTROFF  
VICE PRESIDENT  
ELECTRIC PRODUCTION

April 15, 1981

Re: Docket Nos. 50-277  
50-278

IE Bulletin 80-07

Mr. Boyce H. Grier, Director  
Office of Inspection & Enforcement  
Region I  
US Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406



Dear Mr. Grier:

This letter is in response to the portion of IE Bulletin 80-07 dealing with plants now in a scheduled refueling outage, forwarded to us on April 4, 1980, concerning BWR jet pump assembly failure. The "Action to Be Taken by Licensees" for "Plants Now in Scheduled Refueling Outage Prior to Restart" is restated below with our response.

## Action to be Taken by Licensees For Plants Now in Scheduled Refueling Outage Prior to Restart

1. Visual inspections assisted by TV camera shall be conducted to assess the integrity of the jet pump structures, the holdown beam assembly, hold-downs, wedge and restrainer assembly. Particular attention should be given to areas of unusual wear, failed keeper welds or other evidence of distress that could be indicative of loss of beam assembly preload.
2. Ultrasonic examinations, utilizing GE procedures TP-508.0642 (Rev. A) or equivalent, shall be conducted to assess the integrity of the jet pump hold-down beams at the mid length ligament areas bounding the beam bolt.

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Response

The required inspection of Peach Bottom Unit 3 jet pumps was performed utilizing underwater TV equipment. The jet pump hold down, beam inspection was performed following General Electric procedure TP-508.0654, Rev. C. This procedure, which is applicable to BWR 4 plants, was used in place of the procedure reference in Item 2 above which is applicable to earlier plants.

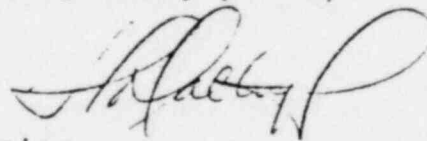
The inspection data was obtained by General Electric Company personnel qualified to ANSI, Level II standards. The results were reviewed and accepted by the Philadelphia Electric Company, Maintenance Department's ISI Senior Engineer.

Of the 20 jet pumps only jet pump number 6 showed indications under ultrasonic (UT) examination although no reportable indications were found by visual examination. An interpretation of the UT results shows that the indications are in the area of the hold down bolts. It is planned to remove this beam for further evaluation during the current refuel/maintenance outage.

A similar inspection program performed on Unit 2 during April 1980, reported to you by letter dated May 2, 1980, found no rejectable indications.

The jet pump operability surveillance initiated in response to paragraph B.2 of IE Bulletin 80-07 shall continue.

Very truly yours,



cc: U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
Washington, DC 20555

COMMONWEALTH OF PENNSYLVANIA :

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COUNTY OF PHILADELPHIA :

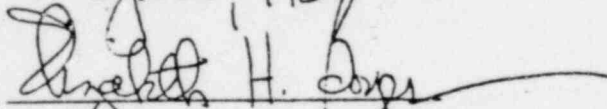
S. L. Daltroff, being first duly sworn, deposes and says:

That he is Vice President of Philadelphia Electric Company, the Applicant herein; that he has read the foregoing response to IE Bulletin 30-07 and knows the contents thereof; and that the statements and matters set forth therein are true and correct to the best of his knowledge, information and belief.



Subscribed and sworn to  
before me this 16<sup>th</sup> day

of April, 1981



Notary Public

ELIZABETH H. BOYER

Notary Public, Phila., Phila. Co.

My Commission Expires Jan. 30, 1982