

PHILADELPHIA ELECTRIC COMPANY

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October 26, 1979

Re: Docket Nos.: 50-277
50-278

IE Bulletin 79-24

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

Dear Mr. Grier:

This letter is in response to IE Bulletin No. 79-24, which you forwarded to us on September 27, 1979, concerning frozen lines. The "Action to be Taken by Licensees" and our response are stated below.

Action to be Taken by Licensees

All licensees and construction permit holders receiving this Bulletin for action are requested to review their plants to determine that adequate protective measures have been taken to assure that safety-related process, instrument, and sampling lines do not freeze during extremely cold weather. The results of these reviews should be reported to the Regional Director by October 31, 1979.

Response

A review of Peach Bottom Atomic Power Station cold weather operation has revealed no safety related process, instrument, or sampling line freezing problems. This review, starting in 1974

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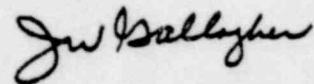
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with commercial operation of both Unit 2 and 3, includes the last 5 winters.

One non-safety related process line has been affected during extremely cold weather. This involved the liquid radwaste 4 inch discharge pipe which runs underground from the southern end of the Unit 2 Turbine Building to downstream of the 'D' cooling tower discharge. This line became frozen during extremely cold weather and prevented the discharge of liquid radwaste. A modification was performed in 1976 which provided a service water flush connection to the radwaste discharge line. This service water flush line is placed in service prior to extremely cold weather and has eliminated the problem.

No other cold weather problems associated with the process, instrument, or sampling lines have been observed during this 5 year period at Peach Bottom.

Very truly yours,



cc: United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Division of Reactor Operations Inspection
Washington, DC 20555

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