

FEB 07 1992

Docket Nos. 50-277
50-278

Mr. D. M. Smith
Senior Vice President-Nuclear
Philadelphia Electric Company
Nuclear Group Headquarters
Correspondence Control Desk
P. O. Box 195
Wayne, Pennsylvania 19087-0195

Dear Mr. Smith:

Subject: Emergency Service Water System Inspection at Peach Bottom Atomic Power
Station NRC Combined Inspection 50-277/91-31 and 50-278/91-31

This letter refers to the NRC special inspection of the emergency service water (ESW) system conducted by Mr. L. Prividy and others from October 15, 1991 through January 7, 1992, at the Peach Bottom Atomic Power Station, Delta, Pennsylvania. Our inspectors reviewed the adequacy of the ESW system which provides cooling water to safety related components that protect the health and safety of the public. We also examined your corrective actions to address ESW system weaknesses identified in July 1991. The results of these inspections, as detailed in the enclosed report, were discussed with Mr. K. Powers and other members of your station and engineering departments.

In general, our inspectors found your corrective actions to be effective to resolve previously identified ESW system weaknesses. They observed good progress by your personnel in monitoring and understanding the ESW system's performance. We encourage your continued efforts in this regard.

It is our understanding that: (1) You will continue monthly testing of the ESW system per test procedure RT-B-033-600-2; assess the system performance during summer months with elevated inlet water temperatures and inform us of your intent and justification in advance when you decide to adopt a longer interval between tests; (2) You are evaluating the permanent installation of instrumentation for measuring ESW system flows and you will provide an updated status to us regarding this evaluation by April 30, 1992.

Further, we understand that you will address the valve mispositioning deficiency discussed in Paragraph 6.1 of this report in your response to the Notice of Violation issued in NRC Inspection Report 50-277;278/91-30. Both of these issues are similar and deal with valve mispositioning deficiencies and, therefore, warrant a single response.

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Potential enforcement actions are under active consideration by the NRC. We will inform you in future correspondence the results of our deliberations.

If our understanding of the above commitments is incorrect, please notify me, in writing, as soon as possible; otherwise, no reply to this letter is required.

Your cooperation with us in this matter is appreciated.

Sincerely,

Marvin W. Hodges, Director
Division of Reactor Safety

Enclosure: Inspection Report Nos. 50-277/91-31 and 50-278/91-31

cc w/encl:

D. R. Helwig, Vice President, Nuclear Engineering and Services
R. N. Charles, Chairman, Nuclear Review Board
D. B. Miller, Vice President, Peach Bottom Atomic Power Station
C. Schaefer, External Operations - Nuclear, Delmarva Power & Light Co.
K. P. Powers, Plant Manager, Peach Bottom Atomic Power Station
A. A. Fulvio, Regulatory Engineer, Peach Bottom Atomic Power Station
J. W. Austin, Project Manager, Peach Bottom Atomic Power Station
J. W. Durham, Sr., Senior Vice President and General Counsel
J. A. Isabella, Director, Generation Projects Department,
Atlantic Electric
B. W. Gorman, Manager, External Affairs
E. J. Cullen, Esquire, Assistant General Counsel (Without Report)
R. L. Hovis, Esquire
R. McLean, Power Plant Siting, Nuclear Evaluations
G. J. Beck, Manager, Licensing Section
D. Poulsen, Secretary of Harford County Council
R. Ochs, Maryland Safe Energy Coalition
J. H. Walter, Chief Engineer, Public Service Commission of Maryland
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
K. Abraham, PAO (2) All Inspection Reports
NRC Resident Inspector
Commonwealth of Pennsylvania
TMI - Alert (TMIA)

Mr. D. M. Smith

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Region I Docket Room (with concurrences)

Management Assistant, DRMA (w/o encl)

R. Blough, DRP

L. Doerflein, DRP

B. Norris, DRP

DRS SALP Coordinator

M. Miller, SLO

R. Lobel, EDO

J. Shea, NRR

C. Miller, PDI-2, NRR

W. Lanning, DRS

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