

MAY 26 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: COMBINED INSPECTION 50-277/91-31 AND 50-278/91-31; EMERGENCY
SERVICE WATER SYSTEM INSPECTION AT PEACH BOTTOM

This refers to your letter dated April 28, 1992, in response to our letter dated
February 7, 1992.

Thank you for informing us of your planned actions regarding the feasibility of installing
permanent flow instrumentation for the emergency service water system. These actions will
be examined during future inspections of your licensed program.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:
Clifford J. Anderson

Clifford J. Anderson, Acting Chief
Engineering Branch
Division of Reactor Safety

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MAY 26 1992

Mr. D. M. Smith

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cc:

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,
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D. Poulsen, Secretary of Harford County Council
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J. H. Walter, Chief Engineer, Public Service Commission of Maryland
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Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
Commonwealth of Pennsylvania
TMI - Alert (TMIA)

bcc:

Region I Docket Review (with concurrences)
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RI:DRS
Privity

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PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION
R. D. 1, Box 208
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(717) 456-7014

PEACH BOTTOM--THE POWER OF EXCELLENCE

D. B. Miller, Jr.
Vice President

April 28, 1992

Docket Nos. 50-277
50-278

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

SUBJECT: Plans for installing Emergency Service Water Flow Measuring
Instrumentation

REFERENCE: NRC Combined Inspection 50-277/91-31; 50-278/91-31,
Emergency Service Water System Inspection

The following is provided in response to your request in the referenced report concerning a special inspection of our Emergency Service Water (ESW) system. The request was to provide to the NRC the status of PECO plans for installing flow instrumentation that would allow for more precise flow monitoring of ESW.

A modification was initiated in November 1991 to evaluate the feasibility of installing permanent flow instrumentation on the ESW system. This modification has been approved to begin conceptual design. The modification team has been studying the options available for instrumenting the supply and/or return piping for selected ESW loads. The evaluation of the flow meter options includes aspects such as instrument accuracy, installation costs, ease of use, compatibility with raw water systems, maintenance/calibration requirements, equipment qualification and power requirements. It is expected that this study will be complete in the 3rd quarter of 1992. The results will then be presented to station management for final approval.

Based on approval of the conceptual design, it is expected that flow instrumentation will be installed during the 9th refueling outage for Unit 3 and the 10th refueling outage for Unit 2. Currently, these outages are scheduled for the 4th quarter of 1993 and the 4th quarter of 1994 respectively.

Sincerely,

~~9205010258~~
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cc: R. A. Burricelli, Public Service Electric & Gas
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J. J. Lyash, USNRC Senior Resident Inspector
T. T. Martin, Administrator, Region I, USNRC
H. C. Schwemm, Atlantic Electric
R. I. McLean, State of Maryland
C. D. Schaefer, Delmarva Power

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