



PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION
R. D. 1, Box 268
Delta, Pennsylvania 17514
(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,

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Q PDR

Pool
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cc: R. A. Burricelli, Public Service Electric & Gas
T. M. Gerusky, Commonwealth of Pennsylvania
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

bcc: J. W. Austin	A4-4N, Peach Bottom
J. A. Basilio	52A-5, Chesterbrook
G. J. Beck	52A-5, Chesterbrook
J. A. Bernstein	51A-13, Chesterbrook
R. N. Charles	51A-1, Chesterbrook
Commitment Coordinator	52A-5, Chesterbrook
Correspondence Control Program	61B-3, Chesterbrook
J. B. Cotton	53A-1, Chesterbrook
G. V. Cranston	63B-5, Chesterbrook
E. J. Cullen	323-1, Main Office
A. D. Dycus	A3-1S, Peach Bottom
A. A. Fulvio	A4-4N, Peach Bottom
D. R. Helwig	51A-11, Chesterbrook
C. J. McDermott	S13-1, Main Office
D. B. Miller, Jr.	SMD-1, Peach Bottom
PB Nuclear Records	A4-2S, Peach Bottom
K. P. Powers	A4-1S, Peach Bottom
J. M. Pratt	B-2-S, Peach Bottom
J. T. Robb	51A-13, Chesterbrook
D. M. Smith	52C-7, Chesterbrook