

SEP 14 1992

Licenses: DPR-44, DPR-56

Dockets: 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 PREPAREDNESS (EP) INSPECTION 50-277/92-19 and  
50-278/92-19**

Enclosed is the report of the August 26-28, 1992 inspection, by Mr. L. Eckert and others, of Peach Bottom Atomic Power Station emergency preparedness (EP) and of the full-participation, annual EP exercise. Our inspection findings were based on inspector observations, document reviews, and post-exercise discussions with your staff.

The inspection conclusion was that exercise performance demonstrated the ability to protect public health and safety. Exercise strengths included attentiveness to on-site personnel safety; simulator control room command and control; Emergency Director knowledge of the plant, the abnormal conditions, and the emergency procedures; mitigation/restoration efforts, an excellent capability to display pictures, graphs, and graphic ari displays in the emergency news center; and site security performance.

Our review also identified that this very challenging exercise and your practice of rotating response personnel participating in exercises exposed vulnerabilities that might not otherwise have been identified. That challenge was accompanied by exercise weaknesses involving Emergency Operations Facility command, control, and communications resulting in non-recognition of the release pathway, faulty Protective Action Recommendation formulation, non-consideration of use of potassium iodide for field teams, and inaccuracies in information provided to the media. Nonetheless, we consider the response capability improvements that result from such strong challenges to be a strength in assuring your ability to respond effectively to accidents.

As you requested during a discussion on August 31, 1992 between Mr. McCabe of this office and yourself, we have scheduled a management meeting (open to the public) to review your corrective actions with you at 1:00 p.m., September 17, 1992, in the NRC Region I office.

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Thank you for your cooperation.

Original Signed By:  
Richard W. Cooper

Richard W. Cooper, Director  
Division of Radiation Safety  
and Safeguards

Enclosure: Inspection Report 50-277/92-19 and 50-278/92-19

cc w/encl:

R. N. Charles, Chairman, Nuclear Review Board  
D. B. Miller, Vice President, Peach Bottom Atomic Power Station  
G. Rainey, Vice President, Nuclear Services Department  
G. Cranston, General Manager, Nuclear Engineering Division  
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  
G. J. Beck, Jr., Manager, Licensing Section  
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  
R. McLean, Power Plant Siting, Nuclear Evaluations  
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)  
NRC Resident Inspector  
Commonwealth of Pennsylvania  
TMI - Alert (TMIA)

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SEP. 14 1992

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3

bcc w/encl:

Region I Docket Room (with concurrences)

E. Wenzinger, DRP

C. Anderson, DRP

DRS/EB SALP Coordinator

R. Lobel, OEDO

J. Shea, NRR

FEMA Region III RAC Chairman

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4

CONCURRENCES:

LLE

McKerri  
9/14/92



McCabe  
9/14/92



Joyner  
9/14/92



Cooper  
9/14/92

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