

Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

www.exeloncorp.com

April 23, 2004

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Peach Bottom Atomic Power Station, Units 2 and 3  
Facility Operating License Nos. DPR-44 and DPR-56  
NRC Docket Nos. 50-277 and 50-278

Subject: 2004 Emergency Preparedness Exercise Scenario

Dear Sir/Madam:

Attached is the Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, 2004 Emergency Preparedness Exercise scenario for NRC review. The scenario information is being submitted 60 days prior to the scheduled June 22, 2004, biennial exercise in accordance with NRC letter dated August 9, 1989, regarding the submittal of "Emergency Exercise Objectives and Scenario Guidelines." This emergency exercise is a biennial full-participation exercise, and therefore, will involve participation of offsite emergency response agencies.

The attached scenario package provides the scenario objectives, schedule, exercise rules, and controller contingency and simulation information. This package also contains data relating to plant conditions, radiation levels and release rates, and samples of the data to be presented. The scenario information attached to this letter is of a confidential nature and is not for public disclosure. The August 9, 1989, letter identifies which individuals should receive copies of the exercise objective information. However, based on discussions with NRC Region I representatives concerning the submittal of exercise objective and scenario information, the objectives for the PBAPS 2004 Emergency Preparedness Exercise will only be distributed to those individuals involved in evaluating this exercise.

Mr. John W. Karkoska, Manager, Emergency Preparedness, has been designated as your interface for this emergency exercise. Please forward all future correspondence concerning this exercise to him at the address identified below:

Exelon Generation Company  
Emergency Preparedness  
200 Exelon Way, Suite 320  
Kennett Square, PA 19348

DF01

~~EX49~~

PBAPS, Units 2 & 3  
2004 Emergency Preparedness Exercise Scenario  
April 23, 2004  
Page 2

If you have any questions, please contact Mr. Karkoska directly at (610) 765-5035.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael P. Gallagher". The signature is fluid and cursive, with the first name "Michael" being more prominent than the last name "Gallagher".

Michael P. Gallagher  
Director – Licensing & Regulatory Affairs  
Exelon Generation Company, LLC

Attachment

cc: H. J. Miller, Administrator, Region I, USNRC (w/o Attachment)  
R. J. Conte, Chief, Human Performance and Emergency Preparedness Branch,  
USNRC, Region I (2 copies of Attachment)  
C. Smith, USNRC Senior Resident Inspector, PBAPS (w/ Attachment)  
E. Beachley, Pennsylvania Emergency Management Agency (w/ Attachment)  
J. Droneburg, Maryland Emergency Management Agency (w/ Attachment)  
Chairperson, Regional Assistance Committee, FEMA, Region III (w/ Attachment)

Attachment  
2004 Emergency Preparedness Exercise Scenario Manual