

September 28, 2001

Mr. Oliver D. Kingsley, President
Exelon Nuclear
Exelon Generation Company, LLC
200 Exelon Way, KSA 3-E
Kennett Square, PA 19348

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 -
ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT
IMPACT RELATED TO PROPOSED EXEMPTION (TAC NOS. MB2219 AND
MB2220)

Dear Mr. Kingsley:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for an exemption for the Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, dated June 15, 2001. The proposed action would exempt rooms 222 and 429 from the requirement to have an automatic fire detection system.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

/RA/

John P. Boska, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosure: Environmental Assessment

cc w/encl: See next page

September 28, 2001

Mr. Oliver D. Kingsley, President
Exelon Nuclear
Exelon Generation Company, LLC
200 Exelon Way, KSA 3-E
Kennett Square, PA 19348

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 -
ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT
IMPACT RELATED TO PROPOSED EXEMPTION (TAC NOS. MB2219 AND
MB2220)

Dear Mr. Kingsley:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for an exemption for the Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, dated June 15, 2001. The proposed action would exempt rooms 222 and 429 from the requirement to have an automatic fire detection system.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

/RA/

John P. Boska, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosure: Environmental Assessment

cc w/encl: See next page

DISTRIBUTION:

MO'Brien	PUBLIC	CCarpenter
JBoska	ACRS	PDI-2 R/F
OGC	BPlatchek, RGN-I	
EAdensam (EGA1)	JClifford	

ADAMS ACCESSION NUMBER: ML012220627

OFFICE	PM/PD1-2	LA/PD1-2	PD/RGEB	OGC	SC/PD1-2
NAME	JBoska	MO'Brien	CCarpenter	SHom	JClifford
DATE	9/7/01	9/6/01	9/13/01	9/21/01	9/25/01

OFFICIAL RECORD COPY

Peach Bottom Atomic Power Station
Units 2 and 3

cc:

Mr. Edward Cullen
Vice President & General Counsel
Exelon Generation Company, LLC
300 Exelon Way
Kennett Square, PA 19348

Mr. J. Doering
Site Vice President
Peach Bottom Atomic Power Station
1848 Lay Road
Delta, PA 17314

Mr. G. Johnston
Plant Manager
Peach Bottom Atomic Power Station
1848 Lay Road
Delta, PA 17314

Mr. A. Winter
Regulatory Assurance Manager
Peach Bottom Atomic Power Station
1848 Lay Road
Delta, PA 17314

Resident Inspector
U.S. Nuclear Regulatory Commission
Peach Bottom Atomic Power Station
P.O. Box 399
Delta, PA 17314

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Roland Fletcher
Department of Environment
Radiological Health Program
2400 Broening Highway
Baltimore, MD 21224

Correspondence Control Desk
Exelon Generation Company, LLC
200 Exelon Way, KSA 1-N-1
Kennett Square, PA 19348

A. F. Kirby, III
External Operations - Nuclear
Delmarva Power & Light Company
P.O. Box 231
Wilmington, DE 19899

Chief-Division of Nuclear Safety
PA Dept. of Environmental Protection
P.O. Box 8469
Harrisburg, PA 17105-8469

Board of Supervisors
Peach Bottom Township
R. D. #1
Delta, PA 17314

Public Service Commission of Maryland
Engineering Division
Chief Engineer
6 St. Paul Center
Baltimore, MD 21202-6806

Mr. Richard McLean
Power Plant and Environmental
Review Division
Department of Natural Resources
B-3, Tawes State Office Building
Annapolis, MD 21401

Dr. Judith Johnsrud
National Energy Committee
Sierra Club
433 Orlando Avenue
State College, PA 16803

Manager-Financial Control & Co-Owner
Affairs
Public Service Electric and Gas Company
P.O. Box 236
Hancocks Bridge, NJ 08038-0236

Peach Bottom Atomic Power Station
Units 2 and 3

cc:

Mr. Jeffrey A. Benjamin
Vice President-Licensing
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

Mr. Michael P. Gallagher
Director - Licensing
Mid-Atlantic Regional Operating Group
Exelon Generation Company, LLC
200 Exelon Way, KSA 3-E
Kennett Square, PA 19348

Mr. Joseph Hagan
Senior Vice President
Mid-Atlantic Regional Operating Group
Exelon Generation Company, LLC
200 Exelon Way, KSA 3-N
Kennett Square, PA 19348

Mr. John Skolds
Chief Operating Officer
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

Mr. William Bohlke
Senior Vice President, Nuclear Services
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

Mr. John Cotton
Senior Vice President, Operations Support
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

UNITED STATES NUCLEAR REGULATORY COMMISSIONEXELON GENERATION COMPANY, LLCDOCKET NOS. 50-277 AND 50-278PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an exemption from Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix R, Section III.F, "Automatic Fire Detection", for Facility Operating Licenses Nos. DPR-44 and DPR-56, issued to Exelon Generation Company, LLC, et al. (the licensee), for operation of the Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, located in York County, Pennsylvania. Therefore, as required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

ENVIRONMENTAL ASSESSMENTIdentification of the Proposed Action:

The proposed action would grant an exemption from the requirements of 10 CFR Part 50, Appendix R, Section III.F, "Automatic Fire Detection," to the extent that they require the installation of automatic fire detection systems in certain areas that contain or present an exposure fire hazard to safety-related or safe shutdown systems or components. The licensee is seeking an exemption from the requirements for an automatic fire detection system for room 222, a Unit 2 feedwater heater room in the turbine building, and room 429, the Unit 2 and Unit 3 turbine generator hall in the turbine building.

The proposed action is in accordance with the licensee's application for exemption dated June 15, 2001.

The Need for the Proposed Action:

The proposed exemption is needed in order to preclude dose exposure for workers during maintenance and testing of detection systems, and considerable expense, should plant modifications be required to be made.

Environmental Impacts of the Proposed Action:

The NRC has completed its evaluation of the proposed action and concludes that with the proposed exemption there will be an adequate level of fire protection and the underlying purpose of 10 CFR Part 50, Appendix R, Section III.F, will be met for the affected areas of the plant such that there would be no significant increase in the risk of fires at this facility.

The proposed action will not significantly increase the probability or consequences of accidents, no changes are being made in the types of effluents that may be released off site, and there is no significant increase in occupational or public radiation exposure. Therefore, there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does not have a potential to affect any historic sites. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, there are no significant nonradiological environmental impacts associated with the proposed action.

Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

Environmental Impacts of the Alternatives to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action (i.e., the “no-action” alternative). Denial of the application would result in no significant change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

The action does not involve the use of any different resource than those previously considered in the Final Environmental Statement for PBAPS Units 2 and 3, dated April 1973.

Agencies and Persons Consulted:

On August 15, 2001, the staff consulted with the Pennsylvania State official, Dennis Dyckman of the Pennsylvania Department of Environmental Protection, Nuclear Safety Division, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee’s letter dated June 15, 2001. Documents may be examined, and/or copied for a fee, at the NRC’s Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the ADAMS Public Library component on the NRC Web site, <http://www.nrc.gov> (the Public Electronic Reading Room). If you do not have access to ADAMS or if there are problems in

- 4 -

accessing the documents located in ADAMS, contact the NRC PDR Reference staff at 1-800-397-4209, or 301-415-4737, or by e-mail at pdr@nrc.gov.

Dated at Rockville, Maryland, this 28 th day of September 2001.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

John P. Boska, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation