

May 7, 2003

Mr. Michael P. Gallagher  
Director, Licensing & Regulatory Affairs  
Mid-Atlantic Regional Operating Group  
Exelon Corporation  
200 Exelon Way  
Kennett Square, PA 19348

SUBJECT: ISSUANCE OF RENEWED FACILITY OPERATING LICENSE NOS. DPR-44  
AND DPR-56 FOR PEACH BOTTOM ATOMIC POWER STATION, UNIT NOS.  
2 AND 3

Dear Mr. Gallagher:

The U.S. Nuclear Regulatory Commission (NRC) has issued Renewed Facility Operating License Nos. DPR-44 (Enclosure 1) and DPR-56 (Enclosure 2) together with the Technical Specifications, Appendix A (Enclosures 3 and 5), and the Environmental Technical Specifications, Appendix B (Enclosures 4 and 6), for the Peach Bottom Atomic Power Station, Unit Nos. 2 and 3 (Peach Bottom, Units 2 and 3). These renewed facility operating licenses have been issued on the basis of our review of your application dated July 2, 2001, as supplemented by letters dated November 26 and December 19, 2002; and January 14, January 29, January 31, and February 5, 2003. The Technical Specifications for Peach Bottom, Units 2 and 3, were not amended as a result of our review.

Renewed Facility Operating License No. DPR-44 (the renewed license for Peach Bottom, Unit 2) expires at midnight, August 8, 2033. Renewed Facility Operating License No. DPR-56 (the renewed license for Peach Bottom, Unit 3) expires at midnight, July 2, 2034.

The technical basis for issuing the renewed licenses is set forth in NUREG-1769, "Safety Evaluation Report Related to the License Renewal of Peach Bottom Atomic Power Station, Units 2 and 3," dated March 2003. The results of the environmental review related to the issuance of the renewed licenses are contained in NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 10, Regarding Peach Bottom Atomic Power Station, Units 2 and 3," dated January 22, 2003.

Amendment 250 to the Facility Operating License for Unit 3 was issued by the NRC on November 22, 2002. The Facility Operating License is now superseded by the Renewed Facility Operating License. Amendment 250 authorized an increase in power level. It is to be implemented following installation of an improved feedwater flow measurement system during the 14th refueling outage, currently scheduled for fall 2003. Amendment 250 includes a revised page number three for the Unit 3 Facility Operating License, and several revised pages for the Unit 3 Technical Specifications. Upon implementation of Amendment 250, do not replace

M. Gallagher

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page 3 of the Renewed Facility Operating License, since the Renewed Facility Operating License already reflects the increased power level. As the Technical Specifications changes approved by Amendment 250 have not yet been implemented, the Technical Specifications issued with the Renewed Facility Operating License for Unit 3 do not contain the revised pages identified in Amendment 250.

Enclosure 7 is a copy of the related *Federal Register* notice of issuance of the renewed licenses. The original has been sent to the Office of the Federal Register for publication.

Sincerely,

**/RA/**

David Solorio, Senior Reactor Engineer  
License Renewal Section  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosures: 1. Renewed Facility Operating License No. DPR-44  
2. Renewed Facility Operating License No. DPR-56  
3. Technical Specifications, Appendix A, for Peach Bottom, Unit 2  
4. Environmental Technical Specifications, Appendix B, for Peach Bottom, Unit 2  
5. Technical Specifications, Appendix A, for Peach Bottom, Unit 3  
6. Environmental Technical Specifications, Appendix B, for Peach Bottom, Unit 3  
7. *Federal Register* Notice

cc w/Encls 1, 2, 3, 4, 5, 6 and 7: See next page

page 3 of the Renewed Facility Operating License, since the Renewed Facility Operating License already reflects the increased power level. As the Technical Specifications changes approved by Amendment 250 have not yet been implemented, the Technical Specifications issued with the Renewed Facility Operating License for Unit 3 do not contain the revised pages identified in Amendment 250.

Enclosure 7 is a copy of the related *Federal Register* notice of issuance of the renewed licenses. The original has been sent to the Office of the Federal Register for publication.

Sincerely,

**/RA/**

David Solorio, Senior Reactor Engineer  
 License Renewal Section  
 License Renewal and Environmental Impacts Program  
 Division of Regulatory Improvement Programs  
 Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

- Enclosures:
1. Renewed Facility Operating License No. DPR-44
  2. Renewed Facility Operating License No. DPR-56
  3. Technical Specifications, Appendix A, for Peach Bottom, Unit 2
  4. Environmental Technical Specifications, Appendix B, for Peach Bottom, Unit 2
  5. Technical Specifications, Appendix A, for Peach Bottom, Unit 3
  6. Environmental Technical Specifications, Appendix B, for Peach Bottom, Unit 3
  7. *Federal Register* Notice

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DISTRIBUTION: Letter to M. P. Gallagher Re: Peach Bottom, Units 2 and 3, Renewed Licenses, Dated: May 7, 2003  
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R. Hoefling

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C. Munson  
S. Duraiswamy  
RLEP Staff

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J. Boska  
D. Lew  
M. Modes

Because the Technical Specifications for Peach Bottom, Units 2 and 3, are being reissued with the renewed licenses, only Exelon Company will receive the package with the Technical Specifications enclosed. If a hard copy of the Technical Specifications is needed, they can be retrieved from ADAMS or by contacting the project manager, David Solorio, at 301 415-1973.

Peach Bottom Atomic Power Station, Units 2 and 3

cc:

Vice President, General Counsel and  
Secretary  
Exelon Generation Company, LLC  
300 Exelon Way  
Kennett Square, PA 19348

Site Vice President  
Peach Bottom Atomic Power Station  
Exelon Generation Company, LLC  
1848 Lay Road  
Delta, PA 17314

Plant Manager  
Peach Bottom Atomic Power Station  
Exelon Generation Company, LLC  
1848 Lay Road  
Delta, PA 17314

Regulatory Assurance Manager  
Peach Bottom Atomic Power Station  
Exelon Generation Company, LLC  
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  
1800 Washington Blvd.  
Baltimore, MD 21230

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

Rich Janati, Chief  
Division of Nuclear Safety  
Bureau of Radiation Protection  
Department of Environmental Protection  
Rachel Carson State Office Building  
P.O. Box 8469  
Harrisburg, PA 17105-8469

Board of Supervisors  
Peach Bottom Township  
545 Broad Street Ext.  
Delta, PA 17314-9203

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

Manager Licensing-Limerick and Peach  
Bottom  
Exelon Generation Company, LLC  
Nuclear Group Headquarters  
Correspondence Control  
P.O. Box 160  
Kennett Square, PA 19348

Mr. Alan P. Nelson  
Nuclear Energy Institute  
1776 I Street, NW., Suite 400  
Washington, DC 20006-3708

Peach Bottom Atomic Power Station, Units 2 and 3

cc:

Director - Licensing  
Mid-Atlantic Regional Operating Group  
Exelon Generation Company, LLC  
Nuclear Group Headquarters  
Correspondence Control  
P.O. Box 160  
Kennett Square, PA 19348

Chief Operating Officer  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President-Licensing and Regulatory  
Affairs  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

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

Senior Vice President, Nuclear Services  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President, Mid-Atlantic Operations  
Support  
Exelon Generation Company, LLC  
200 Exelon Way, KSA 3-N  
Kennett Square, PA 19348

Manager License Renewal  
Exelon Generation Company, LLC  
200 Exelon Way  
Kennett Square, PA 19348

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

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-277 AND 50-278

EXELON GENERATION COMPANY, LLC

PSEG NUCLEAR, LLC

PEACH BOTTOM ATOMIC POWER STATION, UNIT NOS. 2 AND 3

NOTICE OF ISSUANCE OF RENEWED FACILITY

OPERATING LICENSE NOS. DPR-44, AND DPR-56

FOR AN ADDITIONAL 20-YEAR PERIOD

Notice is hereby given that the U.S. Nuclear Regulatory Commission (the Commission) has issued Renewed Facility Operating License Nos. DPR-44, and DPR-56 to Exelon Generation Company, LLC (Exelon) and PSEG Nuclear, LLC (the licensees) of the Peach Bottom Atomic Power Station, Units 2 and 3 (Peach Bottom, Units 2 and 3). Exelon is the operator of Peach Bottom, Units 2 and 3. Renewed Facility Operating License No. DPR-44 authorizes operation of Peach Bottom, Unit 2, by Exelon at reactor core power levels not in excess of 3514 megawatts thermal in accordance with the provisions of the Peach Bottom, Unit 2, renewed license and the Technical Specifications. Renewed Facility Operating License No. DPR-56 authorizes operation of Peach Bottom, Unit 3, by Exelon at reactor core power levels not in excess of 3514 megawatts thermal in accordance with the provisions of the Peach Bottom, Unit 3, renewed license and the Technical Specifications.

Peach Bottom, Units 2 and 3, are boiling water nuclear reactors located partly in Peach Bottom Township, York County, partly in Drumore Township, Lancaster County, and partly in Fulton Township, Lancaster County in southeastern Pennsylvania.

The applications for the renewed licenses complied with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. As required by the Act and the Commission's regulations in 10 CFR Chapter I, the Commission has made appropriate findings, which are set forth in each license. Prior public notice of the action involving the proposed issuance of these renewed licenses and of an opportunity for a hearing regarding the proposed issuance of these renewed licenses was published in the *Federal Register* on August 31, 2001 (66 FR 46036).

For further details with respect to this action, see (1) the Exelon Generation Company's license renewal applications for Peach Bottom, Units 2 and 3, dated July 2, 2001, as supplemented by letters dated November 26 and December 19, 2002, and January 14, January 29, January 31, and February 5, 2003; (2) the Commission's Safety Evaluation Report (SER), dated February 5, 2003 (NUREG-1769); (3) the licensee's Updated Final Safety Analysis Report; and (4) the Commission's Final Environmental Impact Statement, NUREG-1437, Supplement 10, dated January 22, 2003. These documents are available at the NRC's Public Document Room, One White Flint North, Public File Area 01 F21, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be available electronically from the Agency wide Documents Access and Management System (ADAMS). Public Electronic Reading Room on the internet at the NRC Web site <http://www.nrc.gov/reading-rm/adams.html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC PDR Reference Staff by telephone at 1-800-397-4209, 301-415-4737 or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

Copies of Renewed Facility Operating License Nos. DPR-44 and DPR-56 may be obtained by writing to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, Attention: Director, Division of Regulatory Improvement Programs. Copies of the Safety Evaluation Report, NUREG-1769, and the Final Environmental Impact Statement, NUREG-1437, Supplement 10) may be purchased from the National Technical Information Service, Springfield, Virginia 22161-0002 (<http://www.ntis.gov>), 1-800-553-6847, or the Superintendent of Documents, U.S. Government Printing Office, P.O. Box 371954, Pittsburgh, PA 15250-7954 ([http://www.access.gpo.gov/su\\_docs](http://www.access.gpo.gov/su_docs)), 202-512-1800. All orders should clearly identify the NRC publication number and the requestor's Government Printing Office deposit account number or VISA or MasterCard number and expiration date.

Dated at Rockville, Maryland, this 7th day of May 2003.

FOR THE NUCLEAR REGULATORY COMMISSION

*/RA/*

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation