

July 15, 1996

Mr. George A. Hunger, Jr.
Director-Licensing, MC 62A-1
PECO Energy Company
Nuclear Group Headquarters
Correspondence Control Desk
P.O. Box No. 195
Wayne, PA 19087-0195

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNIT NOS. 2 AND 3
(TAC NOS. M94460 AND M94461)

Dear Mr. Hunger:

The Commission has issued the enclosed Amendments Nos. 215 and 220 to Facility Operating License (FOL) Nos. DPR-44 and DPR-56 for the Peach Bottom Atomic Power Station (PBAPS), Unit Nos. 2 and 3. These amendments consist of changes to the FOL for each unit in response to your application dated December 21, 1995.

These amendments modify the PBAPS Units 2 and 3 FOLs to provide for elimination of outdated or superseded material regarding, among other things, environmental monitoring and modifications to the low pressure coolant injection system, and for making the FOL of Unit 2 consistent with the FOL of Unit 3.

You are requested to inform the staff when you have implemented this amendment.

A copy of the Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's Bi-Weekly Federal Register Notice.

Sincerely,
Original signed by:

Joseph W. Shea, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-277/278

- Enclosures: 1. Amendment No. 215 to DPR-44
- 2. Amendment No. 220 to DPR-56
- 3. Safety Evaluation

cc w/encls: See next page

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Docket File	MO'Brien	CGrimes	CMiller
PUBLIC	JShea	JStolz	JKennedy
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OFFICE	PDI-2/LA	PDI-2/PM	BC:PERB	OGC	PDI-2/D
NAME	MO'Brien	JShea	CMiller	APH	JStolz
DATE	7/12/96	7/12/96	6/25/96	7/10/96	7/15/96

OFFICIAL RECORD COPY DOCUMENT NAME: G:\SHEA\PEACH\PB94660.AMD

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 15, 1996

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You are requested to inform the staff when you have implemented this amendment.

A copy of the Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's Bi-Weekly Federal Register Notice.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph W. Shea".

Joseph W. Shea, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-277/278

Enclosures: 1. Amendment No. 215 to DPR-44
2. Amendment No. 220 to DPR-56
3. Safety Evaluation

cc w/encls: See next page

Mr. George A. Hunger, Jr.
PECO Energy Company

Peach Bottom Atomic Power Station,
Units 2 and 3

cc:

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

PECO ENERGY COMPANY

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

DELMARVA POWER AND LIGHT COMPANY

ATLANTIC CITY ELECTRIC COMPANY

DOCKET NO. 50-277

PEACH BOTTOM ATOMIC POWER STATION, UNIT NO. 2

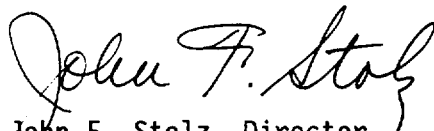
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 215
License No. DPR-44

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by PECO Energy Company, et al. (the licensee), dated December 21, 1995, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I.
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the following paragraphs of Facility Operating License No. DPR-44 are hereby amended as follows:

- 1.I Paragraph 1.I is revised to include the use of source material and appropriate references to 10 CFR Part 40 and 10 CFR Section 40.32 to achieve consistency with paragraph 2.B.(3) and the Unit 3 FOL.
 - 2.A Paragraph 2.A is revised to eliminate specific amendment numbers for both the Final Safety Analysis Report (FSAR) and the Environmental Report.
 - 2.B(2) Paragraph 2.B(2) is revised to eliminate "as of December 15, 1975" in describing the FSAR.
 - 2.C Paragraph 2.C is revised to add reference to Section 40.41 of 10 CFR Part 40.
 - 2.C(1) Paragraph 2.C(1) is revised such that the limit on authorized thermal power is worded from "not to exceed 3458 megawatts thermal" to "not in excess of 3458 megawatts thermal."
 - 2.C(3) Existing paragraph 2.C(3) is deleted
 - 2.C(4) Existing paragraph 2.C(4) is renumbered as 2.C(3)
 - 2.C(5) Existing paragraph 2.C(5) is renumbered as 2.C(4)
 - 3.A Existing paragraph 3.A is deleted
 - 3.B Existing paragraph 3.B is deleted
 - 3.C Existing paragraph 3.C is renumbered as 3.A
 - 3.D Existing paragraph 3.D is renumbered as 3.B, and is revised to reflect the renumbering of this paragraph.
3. This license amendment is effective as of its date of issuance and is to be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Pages 2, 3, 4 and 5 of License DPR-44*

Date of Issuance: July 15, 1996

*Pages 2, 3, 4 and 5 are attached, for convenience, for the composite license to reflect these changes.

- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental costs and considering available alternatives, the issuance of Amendment No. 1 to Facility Operating License No. DPR-44 is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied; and
 - I. The receipt, possession, and use of source, by-product and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40, and 70, including 10 CFR Section 30.33, 40.32, and 70.23 and 70.31.
2. Amendment No. 1 to Facility Operating License No. DPR-44 issued to the PECO Energy Company (PECO), formerly the Philadelphia Electric Company, Public Service Electric and Gas Company (PSE&G), Delmarva Power and Light Company (DP&LC), and Atlantic City Electric Company (ACEC), is hereby amended in its entirety to read as follows:
- A. This amended license applies to the Peach Bottom Atomic Power Station, Unit 2, a single cycle, forced circulation, boiling water nuclear reactor and associated equipment (the facility), owned by the licensees and operated by PECO Energy Company. The facility is located in Peach Bottom, York County, Pennsylvania and is described in the "Final Safety Analysis Report" as supplemented and amended and the Environmental Report as supplemented and amended.
 - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses:
 - (1) PECO Energy Company, pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility and PSE&G, DP&LC, and ACEC to possess the facility at the designated location in Peach Bottom, York County, Pennsylvania in accordance with the procedures and limitations set forth in this license,
 - (2) PECO Energy Company, pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;
 - (3) PECO Energy Company, pursuant to the Act and 10 CFR parts 30, 40, and 70 to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
 - (4) PECO Energy Company, pursuant to the Act and 10 CFR Parts 30, 40 and 70 to receive, possess and use in amounts as required any byproduct, source, or special nuclear material without

restriction to chemical or physical form for sample analysis or instrument calibration or when associated with radioactive apparatus or components;

- (5) PECO Energy Company, pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not to separate, such byproduct and special nuclear material as may be produced by operation of the facility.

C. This amended license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified below:

(1) Maximum Power Level

PECO Energy Company is authorized to operate the Peach Bottom Atomic Power Station, Unit 2, at steady state reactor core power levels not in excess of 3458 megawatts thermal.

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. , are hereby incorporated in the license. PECO shall operate the facility in accordance with the Technical Specifications.

The Surveillance Requirements (SRs) listed in the licensee's letter dated August 4, 1995 are not required to be performed immediately upon implementation of Amendment No. 210. The SRs listed in the licensee's letter dated August 4, 1995 shall be successfully demonstrated prior to the time and condition specified below for each:

- a) Those SRs listed as Category A SRs in the licensee's August 4, 1995 letter shall be completed within a period consistent with the implementation date for Amendment 210, the specified frequency for each SR and the allowance for SR 3.0.2;
- b) Those SRs listed as Category B SRs in the licensee's August 4, 1995 letter shall be completed within a period consistent with the last completion date for the related existing SRs, the specified frequency for each SR and the allowance of SR 3.0.2.

(3) Physical Protection

The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Peach Bottom Atomic Power Station, Units 2 and 3, Physical Security Plan," with revisions submitted through December 16, 1987; "Peach Bottom Atomic Power Station, Units 2 and 3 Plant Security Personnel Training and Qualification Plan," with revisions submitted through July 9, 1986; and "Peach Bottom Atomic Power Station, Units 2 and 3 Safeguards Contingency Plan," with revisions submitted through March 10, 1981. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

- (4) The licensee shall implement and maintain in effect all provisions of the approved fire protection program as described in the Updated Final Safety Analysis Report for the facility, and as approved in the NRC SER dated May 23, 1979 and Supplements dated August 14, September 15, October 10 and November 24, 1980, and in the NRC SERs dated September 16, 1993 and August 24, 1994, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

3. This amended license is subject to the following conditions for the protection of the environment:

- A. To the extent matters related to thermal discharges are treated therein, operation of Peach Bottom Atomic Power Station Unit No. 2 will be governed by NPDES Permit No. PA 0009733, as now in effect and as hereafter amended. Questions pertaining to conformance thereto shall be referred to and shall be determined by the NPDES Permit issuing or enforcement authority, as appropriate.
- B. In the event of any modification of the NPDES Permit related to thermal discharges or the establishment (or amendment) of alternative effluent limitations established pursuant to Section 316 of the Federal Water Pollution Control Act, the licensees shall inform the NRC and analyze any associated changes in or to the Station, its components, its operation or in the discharge of effluents therefrom. If such change would entail any modification to this license, or any

Technical Specifications which are part of this license, or present an unreviewed safety question or involve an environmental impact different than analyzed in the Final Environmental Statement, the licensees shall file with the NRC, as applicable, an appropriate analysis of any such change on facility safety, and/or an analysis of any such change on the environmental impacts and on the overall cost-benefit balance for facility operation set forth in the Final Environmental Statement and a request for an amendment to the operating license, if required by the Commission's regulations. As used in this Condition 3.B, Final Environmental Statement means the NRC Staff Final Environmental Statement related to Operation of Peach Bottom Atomic Power Station Units Nos. 2 and 3 dated April 1973, as modified by (1) the Initial Decision of the Atomic Safety and Licensing Board dated September 14, 1973, (2) the Supplemental Initial Decision of the Atomic Safety and Licensing Board dated June 14, 1974, (3) the Decision of the Atomic Safety and Licensing Appeal Board dated July 5, 1974, (4) the Memorandum and Order of the Commission dated August 8, 1974, (5) any further modification resulting from further review by the Appeal Board and by the Commission, if any, and (6) any Environmental Impact Appraisal which has been or may be issued by the NRC since the FES was published in April 1973.

4. This license is effective as of the date of issuance and shall expire at midnight on August 8, 2013.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by R. C. DeYoung, for

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Attachments:
Appendices A and B -
Technical Specifications

Date of Issuance: October 25, 1973



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

PECO ENERGY COMPANY

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

DELMARVA POWER AND LIGHT COMPANY

ATLANTIC CITY ELECTRIC COMPANY

DOCKET NO. 50-278

PEACH BOTTOM ATOMIC POWER STATION, UNIT NO. 3

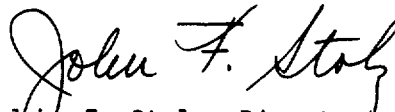
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 220
License No. DPR-56

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by PECO Energy Company, et al. (the licensee), dated December 21, 1995, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I.
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health or safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the following paragraphs of Facility Operating License No. DPR-56 are hereby amended as follows:

- 1.I Paragraph 1.I is revised to include the use of source material.
 - 2.A Paragraph 2.A is revised by modifying the first sentence to replace the word "direct" with the word "single" in describing the type of nuclear reactor.
 - 2.B(2) Paragraph 2.B(2) is revised to eliminate "as of December 15, 1975" in describing the FSAR.
 - 3.A Existing paragraph 3.A is deleted
 - 3.B Existing paragraph 3.B is renumbered as 3.A and an incorrect reference to Unit 2 is changed to reference Unit 3.
 - 3.C Existing paragraph 3.C is renumbered as 3.B, and is revised to reflect the renumbering of this paragraph.
 - 4. Paragraph 4 is revised to read: "This license is effective as of the date of issuance and shall expire at midnight on July 2, 2014."
3. This license amendment is effective as of its date of issuance and is to be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Pages 2, 4 and 5 of License No. DPR-56*

Date of Issuance: July 15, 1996

*Pages 2, 4 and 5 are attached, for convenience, for the composite license to reflect these changes

- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental costs and considering available alternatives, the issuance of Facility Operating License No. DPR-56 is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied; and
 - I. The receipt, possession, and use of source, by-product and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40, and 70, including 10 CFR Section 30.33, 40.32, and 70.23 and 70.31.
2. Facility Operating License No. DPR-56 is hereby issued to the PECO Energy Company (PECO), formerly the Philadelphia Electric Company, Public Service Electric and Gas Company (PSE&G), Delmarva Power and Light Company (DP&LC), and Atlantic City Electric Company (ACEC), is hereby amended in its entirety to read as follows:
- A. This license applies to the Peach Bottom Atomic Power Station, Unit 3, a single cycle, forced circulation, boiling water nuclear reactor and associated equipment (the facility), owned by the licensees and operated by PECO Energy Company. The facility is located in Peach Bottom, York County, Pennsylvania and is described in the "Final Safety Analysis Report" as supplemented and amended and the Environmental Report as supplemented and amended.
 - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses:
 - (1) PECO Energy Company, pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility and PSE&G, DP&LC, and ACEC to possess the facility at the designated location in Peach Bottom, York County, Pennsylvania in accordance with the procedures and limitations set forth in this license;
 - (2) PECO Energy company, pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;
 - (3) PECO Energy Company, pursuant to the Act and 10 CFR Parts 30, 40, and 70 to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
 - (4) PECO Energy Company, pursuant to the Act and 10 CFR Parts 30, 40 and 70 to receive, possess and use in amounts as required any byproduct, source, or special nuclear material without restriction to chemical or physical form for sample analysis or instrument calibration or when associated with radioactive apparatus or components;

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

3. This license is subject to the following conditions for the protection of the environment:

- A. To the extent matters related to thermal discharges are treated therein, operation of Peach Bottom Atomic Power Station Unit 3 will be governed by NPDES Permit No. PA 0009733, as now in effect and as hereafter amended. Questions pertaining to conformance thereto shall be referred to and shall be determined by the NPDES Permit issuing or enforcement authority, as appropriate.
- B. In the event of any modification of the NPDES Permit related to thermal discharges or the establishment (or amendment) of alternative effluent limitations established pursuant to Section 316 of the Federal Water Pollution Control Act, the licensees shall inform the NRC and analyze any associated changes in or to the Station, its components, its operation or in the discharge of effluents therefrom. If such change would entail any modification to this license, or any Technical Specifications which are part of this license, or present an unreviewed safety question or involve an environmental impact different than analyzed in the Final Environmental Statement, the licensees shall file with the NRC, as applicable, an appropriate analysis of any such change on facility safety, and/or an analysis of any such change on the environmental impacts and on the overall cost-benefit balance for facility operation set forth in the Final Environmental Statement and a request for an amendment to the operating license, if required by the Commission's regulations. As used in this Condition 3.B, Final Environmental Statement means the NRC Staff Final Environmental Statement related to Operation of Peach Bottom Atomic Power Station Units Nos. 2 and 3 dated April 1973, as modified by (1) the Initial Decision of the Atomic Safety and Licensing Board dated September 14, 1973, (2) the Supplemental Initial Decision of the Atomic Safety and Licensing Board dated June 14, 1974, (3) the Decision of the Atomic Safety and Licensing Appeal Board dated July 5, 1974, (4) the Memorandum and Order of the Commission dated August 8, 1974, (5) any further modification resulting from further review by the Appeal Board and by the Commission, if any, and (6) any Environmental Impact Appraisal which has been or may be issued by the NRC since the FES was published in April 1973.

4. This license is effective as of the date of issuance and shall expire at midnight on July 2, 2014. |

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by Roger Boyd, for

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Attachments:
Amended pages to Appendices A and B
DPR-44 & DPR-56 Technical
Specifications

Date of Issuance: July 2, 1974 -



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NOS. 215 AND 220 TO FACILITY OPERATING

LICENSE NOS. DPR-44 and DPR-56

PECO ENERGY COMPANY
PUBLIC SERVICE ELECTRIC AND GAS COMPANY
DELMARVA POWER AND LIGHT COMPANY
ATLANTIC CITY ELECTRIC COMPANY

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

DOCKET NOS. 50-277 AND 50-278

1.0 INTRODUCTION

By letter dated December 21, 1995, the PECO Energy Company (the licensee) submitted a request for changes to the Peach Bottom Atomic Power Station (PBAPS), Unit Nos. 2 and 3, Facility Operating Licenses (FOLs). The requested changes would eliminate outdated material from the FOLs and make the Unit 2 FOL consistent with the FOL for Unit 3.

2.0 EVALUATION

Specifically, the following changes are proposed for the PBAPS Unit 2 FOL:

1. Revise paragraph 1.I to include the use of source material and appropriate references to 10 CFR Part 40 and 10 CFR Section 40.32 to achieve consistency with paragraph 2.B.(3) and the Unit 3 FOL. This change is administrative in that the use of source material is already allowed by paragraphs 2.B.(3) and 2.B.(4) of the Unit 2 FOL. The licensee is not proposing any new use of source material, only to use it in accordance with paragraphs 2.B.(3) and 2.B.(4). Adding the word "source" and the references to 10 CFR Part 40 and 10 CFR 40.32 to paragraph 1.I only makes the license more clear and consistent with paragraphs 2.B.(3) and 2.B.(4) of the Unit 2 FOL and the Unit 3 FOL. The Unit 3 FOL paragraph 1.I already contains the references to 10 CFR Part 40 and 10 CFR 40.32.
2. Eliminate specific amendment numbers from paragraph 2.A for both the Final Safety Analysis Report (FSAR) and the Environmental Report. Paragraph 2.A currently identifies the specific amendment and supplement numbers for the FSAR and the Environmental Report. The licensee is proposing to delete the specific number references as both are unnecessary. The FSAR must be updated periodically as required by 10 CFR 50.71(e) to assure that the information included in the FSAR contains the latest material. Eliminating the specific amendment and supplement

numbers provides more clarity and eliminates redundancy in the Unit 2 FOL. The specific amendment and supplement numbers are not needed because the license already states "as supplemented and amended."

3. Eliminate "as of December 15, 1975" in paragraph 2.B.(2) as describing the FSAR. The FSAR must be updated periodically as required by 10 CFR 50.71(e) and eliminating the specific date of the last amendment to the FSAR is administrative. The date of the last FSAR amendment is unnecessary and redundant. The words "as supplemented and amended" are sufficient to describe the FSAR.
4. Revise paragraph 2.C to add reference to Section 40.41 of 10 CFR Part 40. The terms and conditions of a license issued pursuant to 10 CFR Part 40 are identified in Section 40.41. The license already cites references to 10 CFR Part 40 in paragraphs 2.B.(3) and 2.B.(4). Adding this reference to paragraph 2.C only provides consistency within the Unit 2 FOL and with the Unit 3 FOL.
5. Revise the wording in paragraph 2.C.(1) from "not to exceed 3458 megawatts thermal" to "not in excess of 3458 megawatts thermal." This change is being proposed to achieve consistency with Unit 3 FOL paragraph 2.C.(1).
6. Eliminate paragraph 2.C.(3) and renumber the following paragraphs under section 2.C. Paragraph 2.C.(3) was added by Amendment No. 14, issued on November 5, 1975, and states:

The licensees may perform modifications to the Low Pressure Coolant Injection System as described in the licensee's application for license amendment dated July 9, 1975. The licensees shall not operate the facility prior to receipt of the Commission's authorization.

Amendment No. 15 was issued on November 28, 1975, and authorized operation of Peach Bottom Unit 2 "with a modification to the Low Pressure Coolant Injection System (LPCIS) authorized by Amendment No. 14 to the license." Paragraph 2.C.(3) should have been deleted with Amendment No. 15. This proposed change is administrative in that it eliminates outdated material from the Unit 2 FOL.

7. The licensee is proposing to eliminate paragraph 3.A. Paragraph 3.A currently states:

Upon completion of the licensees' "smoke tests," the licensees shall release all procedures, data, and analysis bearing on the calculation of X/Q to the Regulatory Staff as soon as possible but no later than initial fuel loading for Peach Bottom Unit 3. Using the "smoke test" results to re-calculate X/Q and using the other assumptions previously used by the

Regulatory Staff (or realistic refinements thereof), the Regulatory Staff shall re-calculate the potential radioiodine thyroid dose to a child via the milk pathway at the points of maximum concentration at or beyond the site boundary where dairy cows are present or could be pastured. If this calculated dose based on the combined operation of Peach Bottom Units 2 and 3 exceeds 15 mrem/year, then the licensees shall install for operation no later than the next refueling cycle for each unit the necessary equipment to reduce the projected dose to such levels.

A study of plume behavior at PBAPS Units 2 and 3 was submitted to the NRC on April 17, 1974, as supplemented May 21, 1974. The NRC, in a letter dated April 10, 1975, concluded that the calculated dose based on the combined operation of PBAPS Units 2 and 3 does not exceed 15 mrem/year. Consequently, additional equipment to satisfy this condition was determined not to be required. This license condition should have been deleted in April of 1975.

8. The licensee is proposing to eliminate paragraph 3.B. and renumber the following paragraphs under section 3. Paragraph 3.B was added by Amendment No. 1 and states:

If the actual milk sample measurements taken at the nearby farms in accordance with the Technical Specifications, predict a dose to a child's thyroid, based on actual combined operation of Unit 2 and 3, that exceeds 15 mrem/year, licensees shall install for operation no later than the next refueling cycle for each unit the necessary equipment to reduce the projected dose to such levels.

This license condition satisfied the requirements of 10 CFR 50.36a, "Technical Specifications on Effluents from Nuclear Power Reactors," to assure that releases from nuclear power reactors to unrestricted areas during normal reactor operations, including expected operational occurrences, are kept as low as practicable. Since that time, the NRC has issued guidance on model Radiological Effluent Technical Specifications (RETS). As part of the RETS program, much of the material concerning dose calculations was relocated from the Technical Specifications (TS) to the Offsite Dose Calculation Manual (ODCM). Amendment No. 102 was issued on August 3, 1984, to authorize changes to the TS to: (1) implement the requirements of Appendix I of 10 CFR Part 50; (2) establish new limiting conditions for operation for the quarterly and annual average release rates; and (3) revise environmental monitoring programs to assure conformance with the regulations. The intent of Paragraph 3.B was covered in the licensee's change to RETS and the ODCM. Paragraph 3.B should have been deleted as part of Amendment No. 102.

The following changes are proposed for the PBAPS Unit 3 FOL:

1. Revise paragraph 1.I to include the use of source material. Paragraph 1.I already contains references to 10 CFR Part 40 and 10 CFR 40.32. This change is administrative in that adding the word "source" only clarifies the fact that 10 CFR Part 40 and 10 CFR 40.32 are regulations governing domestic licensing of source material.
2. Revise the first sentence of paragraph 2.A to replace the word "direct" with the word "single" in describing the type of nuclear reactor. This change is being made to achieve consistency with Unit 2 paragraph 2.A and the original PBAPS Safety Evaluation Report dated August 11, 1972.
3. Eliminate specific amendment and supplement numbers from paragraph 2.A for both the FSAR and the Environmental Report. This change is identical to the change being made to paragraph 2.A of the Unit 2 FOL discussed above.
4. Remove the date from paragraph 2.B.(2) for the FSAR supplements and amendments. This change is identical to the change being made to paragraph 2.B.(2) of the Unit 2 FOL discussed above.
5. Eliminate paragraph 3.A and renumber the following paragraphs under section 3. This change is identical to the change being made to delete paragraph 3.B of the Unit 2 FOL discussed above.
6. Revise "Unit 2" to "Unit 3" in paragraph 3.B to correct a typographical error. When paragraph 3.B was added by Amendment No. 52, it correctly read "Unit 3." Amendment No. 201 introduced an administrative error and changed paragraph 3.B to read "Unit 2." This change will correct the error made in Amendment No. 201.
7. Revise "technical specifications" to "Technical Specifications" in paragraph 3.C to achieve consistency with the remainder of the FOL.
8. Paragraph 4 is being revised to add the word "of" to achieve consistency in wording with the Unit 2 FOL.

All of the above changes are administrative in nature and either eliminate outdated material from the license, add clarifying information, or change wording to achieve consistency between the two licenses. Therefore, the staff finds these changes to the PBAPS Unit 2 and 3 FOLs to be acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Pennsylvania State official was notified of the proposed issuance of the amendments. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding (61 FR 10396). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: Janet Kennedy

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