

June 20, 1984

DL206

Dockets Nos. 50-277
and 50-278

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DEisenhut
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DBrinkman
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GGears
RIngram
Gray File+4
HDenton

Mr. Edward G. Bauer, Jr.
Vice President and General Counsel
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Dear Mr. Bauer:

SUBJECT: TECHNICAL SPECIFICATION AMENDMENTS PERTAINING TO THE
PERTAINING TO FIRE BARRIER PENETRATIONS

The Commission has issued the enclosed Amendments Nos. 98 and 100, to Facility Operating Licenses Nos. DPR-44 and DPR-56 for the Peach Bottom Atomic Power Station, Units Nos. 2 and 3. These amendments consist of changes to the Technical Specifications (TSs) in response to your application dated March 16, 1984.

The changes to the TSs permit the use of an hourly fire watch where there are operable fire detectors in the event of non-functional fire barrier penetrations. In addition, the effectiveness date of Section 3.14.D.2 covering all fire barrier penetrations required to ensure safe shutdown capability is specified for Unit 2 to be no later than the end of the current Unit 2 refueling outage and for Unit 3 no later than September 15, 1984.

A copy of the Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's next monthly Federal Register notice.

Sincerely,

/S/

Gerald E. Gears, Project Manager
Operating Reactors Branch No. 4
Division of Licensing

Enclosures:

1. Amendment No. 98 to DPR-44
2. Amendment No. 100 to DPR-56
3. Safety Evaluation

cc w/enclosures:
See next page

ORB#4:DL**
SNorris
06/15/84

ORB#4:DL
GGears:ef
06/20/84

ORB#5:DL**
TWambach
06/6/84

ORB#4:DL
GRivenbark
06/16/84

CHEB JFS *OK* *for V.B.*
06/6/84

AD:OR:DL
GLaunas
06/20/84

with noted correction to environmental consideration on SER done in 6/20/84
OELD
J. GRAY
06/19/84

**See previous white for concurrence

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PDR ADOCK 05000277
P PDR

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Philadelphia Electric Company
2301 Market Street
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Gerald E. Gears, Project Manager
Operating Reactors Branch No. 4
Division of Licensing

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2. Amendment No. to DPR-56
3. Safety Evaluation

cc w/enclosures:
See next page

ORB#4:DL
SNOP:TS
06/5/84

ORB#4:DL
GGears:ef
06/5/84

ORB#5:DL
TWambach
06/06/84

ORB#4:DL
GRivenbark
06/ /84

CHEB
06/7/84

AD:OR:DL
GLainas
06/ /84

OELD
06/4/84

Philadelphia Electric Company

cc w/enclosure(s):

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Board of Supervisors
Peach Bottom Township
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Delta, Pennsylvania 17314

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Office of Inspection and Enforcement
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EPA Region III
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Pennsylvania Department of
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Harrisburg, Pennsylvania 17120



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

PHILADELPHIA ELECTRIC 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. 98
License No. DPR-44

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Philadelphia Electric Company, et al. (the licensee) dated March 16, 1984, 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 license 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 license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-44 is hereby amended to read as follows:

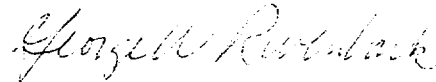
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P PDR

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 98 , are hereby incorporated in the license. PECO shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



George W. Rivenbark, Acting Chief
Operating Reactors Branch No. 4
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 20, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 98

FACILITY OPERATING LICENSE NO. DPR-44

DOCKET NO. 50-277

Replace the following page of the Appendix "A" Technical Specifications with the enclosed page. The revised page is identified by Amendment number and contains vertical lines indicating the areas of change.

Remove

240j

Insert

240j

PBAPS

LIMITING CONDITIONS FOR OPERATIONSURVEILLANCE REQUIREMENTS3.14.D Fire Barrier Penetrations4.14.D Fire Barrier Penetrations

1. Fire barrier penetrations including cable penetration barriers, fire doors and fire dampers, protecting the following areas shall be functional*:
 - 1) Cable Spreading Room
 - 2) Emergency Switchgear Rooms
 - 3) Diesel Generator Rooms
 - 4) Battery Rooms
 - 5) Control Room
2. All fire barrier penetrations including cable penetration barriers, fire doors and fire dampers separating portions of safety related systems, required to ensure safe shutdown capability shall be functional.**
3. If the requirements of 3.14.D.1 or 3.14.D.2 cannot be met, within one hour establish a continuous fire watch on at least one side of the affected fire barrier, or verify the operability of fire detectors on at least one side of the inoperable fire barrier and establish an hourly fire watch patrol. Reactor startup and continued reactor operation is permissible.

* Delete when the provisions of 3.14.D.2 become effective.

** Effective upon return to power following the Unit 2 refueling outage commencing in 1984.



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

PHILADELPHIA ELECTRIC 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. 100
License No. DPR-56

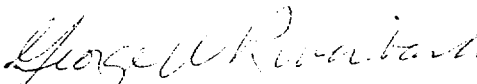
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Philadelphia Electric Company, et al. (the licensee) dated March 16, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's 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 license 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 license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-56 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 100, are hereby incorporated in the license. PECO shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



George W. Rivenbark, Acting Chief
Operating Reactors Branch No. 4
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 20, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 100

FACILITY OPERATING LICENSE NO. DPR-56

DOCKET NO. 50-278

Replace the following page of the Appendix "A" Technical Specifications with the enclosed page. The revised page is identified by Amendment number and contains vertical lines indicating the areas of change.

Remove

240j

Insert

240j

LIMITING CONDITIONS FOR OPERATIONSURVEILLANCE REQUIREMENTS3.14.D Fire Barrier Penetrations4.14.D Fire Barrier Penetrations

1. Fire barrier penetrations including cable penetration barriers, fire doors and fire dampers, protecting the following areas shall be functional*:
 - 1) Cable Spreading Room
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 - 3) Diesel Generator Rooms
 - 4) Battery Rooms
 - 5) Control Room
2. All fire barrier penetrations including cable penetration barriers, fire doors and fire dampers separating portions of safety related systems, required to ensure safe shutdown capability shall be functional.**
3. If the requirements of 3.14.D.1 or 3.14.D.2 cannot be met, within one hour establish a continuous fire watch on at least one side of the affected fire barrier, or verify the operability of fire detectors on at least one side of the inoperable fire barrier and establish an hourly fire watch patrol. Reactor startup and continued reactor operation is permissible.

* Delete when the provisions of 3.14.D.2 become effective.

** Effective on Unit 3 upon completion of licensee's fire barrier upgrade program, or September 15, 1984, whichever comes first.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENTS NOS. 98 AND 100 TO FACILITY OPERATING LICENSES

NOS. DPR-44 AND DPR-56

PHILADELPHIA ELECTRIC COMPANY

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

DELMARVA POWER AND LIGHT COMPANY

ATLANTIC CITY ELECTRIC COMPANY

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

DOCKETS NOS. 50-277 AND 50-278

Introduction

By letter dated March 16, 1984, The Philadelphia Electric Company (the licensee) requested that the Technical Specifications for Peach Bottom Atomic Power Station, Units 2 and 3, be changed to permit an hourly fire watch patrol in areas with operable fire detectors in the event a fire barrier is found to be non-functional. The request reflects the recent installation of fire detection systems in most areas containing safety related equipment. In addition, the licensee requested that changes to certain footnotes pertaining to the establishment of effective dates for a fire barrier Limiting Condition of Operation (LCO) be approved. These footnote changes would permit adjustments in the implementation schedule of this LCO.

Evaluation

The licensee requested the modification of the LCO action statement for fire barriers to reflect the recent installation of fire detection systems at Peach Bottom. The requested change conforms to the guidance provided by the Standard Technical Specifications for General Electric Boiling Water Reactors (NUREG-0123, Rev. 3). The Standard Technical Specifications require in the event of a non-functional fire barrier either a continuous fire watch in areas without fire detectors, or an hourly fire watch patrol in areas with operable fire detectors. As presently written, the Peach Bottom Technical Specifications (Section 3.14.D.3) state that a continuous fire watch must be established within one hour in the event a fire barrier is found to be non-functional. However, the licensee has installed fire detection systems in most areas containing safety related equipment. The proposed amendment would revise the non-functional fire barrier action statement (3.14.D.3) to permit the hourly fire watch alternative where there are operable fire detectors. This proposed change is fully consistent with the guidance provided in the Standard Technical Specifications. In addition, the licensee

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proposed to amend the footnotes to Section 3.14.D.2 concerning the effectiveness date of that section. Upon effectiveness of Section 3.14.D.2 all fire barrier penetrations required to ensure safe shutdown shall be functional. In previous correspondence between the licensee and the NRC staff, an effectiveness date of March 1, 1984 was established based upon estimated completion date for the licensee's fire barrier and seal penetration upgrade program. Due to unforeseen difficulties as outlined by the licensee's letter of February 10, 1984 to the NRC, completion of its upgrade program has been delayed beyond March 1, 1984. Therefore, the licensee has requested that the effectiveness date of Section 3.14.D.2 be revised to reflect the scheduled completion of the fire barrier and seal penetration program; for Unit 2, the effectiveness date would be no later than the end of the current Unit 2 refueling outage and for Unit 3, no later than September 15, 1984. The staff has reviewed the justification for delays to the full implementation of the licensee's fire barrier and seal upgrade program outlined in the licensee's letter of February 10, 1984 and finds that the requested short extension of time for completion of this program is acceptable. Based upon this conclusion, the staff finds that the requested change of effectiveness is also acceptable. In addition, until the specified time that this Section becomes effective, the current provisions of Section 3.14.D.1 requiring functional fire barrier in the cable spreading room, emergency switchgear rooms, diesel generator rooms, battery rooms and control room are still required.

We therefore, conclude that the proposed addition to Section 3.14.D.3 and the proposed change to the footnotes of Section 3.14.D.2 are acceptable.

Environmental Consideration

These amendments involve a change in the installation or use of a facility component located within the restricted area. We have determined that the amendments involve no significant increase in the amounts of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupation radiation exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly these 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 these amendments.

Conclusion

We have 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, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: June 20, 1984

The following NRC personnel have contributed to this Safety Evaluation:
G. Gears