

FEB 26 1979

Docket Nos. 50-277
and 50-278

Distribution

- ✓ Docket
- ORB #3
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- BJones (8)
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- DRoss
- TERA
- JRBuchanan
- RDiggs

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

Dear Mr. Bauer:

The Commission has issued the enclosed Amendment Nos. 50 and 50 to Facility Operating License Nos. DPR-44 and DPR-56 for the Peach Bottom Atomic Power Station Unit Nos. 2 and 3. The amendments revise the Appendix B Technical Specifications relating to estimated chemical usage and are in response to your application dated January 23, 1979.

Your request is limited to changes to that portion of Table 2.2.4-1 which identifies the type of chemical and estimated usage at Peach Bottom and does not involve changes in estimated releases. The changes reflect:

- (1) Conversion of the make-up water treatment clarifier from a dry chemical to a liquid feeder system. The change replaces dry alum with liquid alum solution, decreases the estimate of soda ash, and increases (from 333,000 to 340,000 lbs/yr) the estimated usage of sodium hydroxide;
- (2) an increase in the estimated usage of boric acid and borax (from 3000 to 6000 lbs/yr each) to provide for the possibility of non-routine draining and filling of the Standby Liquid Control System;
- (3) replacement of Calgon CS Inhibitor used in closed cooling systems with sodium nitrite solution; and
- (4) deletion of lime which is no longer required for any phase of plant operations.

combr. ccf

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We have reviewed your submittal and have determined that the changes do not involve an increase in effluent types or amounts and are therefore administrative in nature and are acceptable.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendments. The amendments apply

to administrative details. Therefore we have determined that the amendments do not authorize a change in effluent types or total amounts nor in

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| OFFICE | | | | | |
| SURNAME | | | | | |
| DATE | | | | | |

Mr. Edward G. Bauer

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increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR 51.5(d)(4) that an environmental impact statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Since the amendments apply only to administrative details, they do not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. They do not involve a significant increase in the probability or consequences of an accident, do not involve a significant decrease in a safety margin, and therefore do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of a related Notice of Issuance is also enclosed.

Sincerely,

Original signed by

Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Enclosures:

1. Amendment No. 50 to DPR-44
2. Amendment No. 50 to DPR-56
3. Notice

cc w/enclosures: See next page

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|---------|-----------|---------------|-------------------|----------|--------|
| OFFICE | ORB #30 | ORB #3 | OELB W | ORB #3 | ESB |
| SURNAME | PKreutzer | DVerrelli:mjf | CUTCHIN | Ippolito | GLear |
| DATE | 2/26/79 | 2/1/79 | 2/14/79 | 2/26/79 | 2/6/79 |

Mr. Edward G. Bauer, Jr.

- 3 -

February 26, 1979

cc:

Eugene J. Bradley
Philadelphia Electric Company
Assistant General Counsel
2301 Market Street
Philadelphia, Pennsylvania 19101

Director, Technical Assessment
Division
Office of Radiation Programs
(AW-459)
US EPA
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Arlington, Virginia 20460

Troy B. Conner, Jr.
1747 Pennsylvania Avenue, N. W.
Washington, D. C. 20006

Region III Office
ATTN: EIS COORDINATOR
Curtis Building (Sixth Floor)
6th and Walnut Streets
Philadelphia, Pennsylvania 19106

Raymond L. Hovis, Esquire
35 South Duke Street
York, Pennsylvania 17401

M. J. Cooney, Superintendent
Generation Division - Nuclear
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Warren K. Rich, Esquire
Assistant Attorney General
Department of Natural Resources
Annapolis, Maryland 21401

Philadelphia Electric Company
ATTN: Mr. W. T. Ullrich
Peach Bottom Atomic
Power Station
Delta, Pennsylvania 17314

Government Publications Section
State Library of Pennsylvania
Education Building
Commonwealth and Walnut Streets
Harrisburg, Pennsylvania 17126

Mr. R. A. Heiss, Coordinator
Pennsylvania State Clearinghouse
Governor's Office of State Planning
and Development
P. O. Box 1323
Harrisburg, Pennsylvania 17120

Albert R. Steel, Chairman
Board of Supervisors
Peach Bottom Township
R. D. #1
Delta, Pennsylvania 17314

Edward G. Greenman
Nuclear Regulatory Commission
Office of Inspection and Enforcement
531 Park Avenue
King of Prussia, Pennsylvania 19406



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. 50
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 January 23, 1979, 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.

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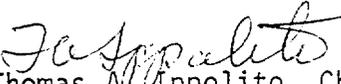
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C(2) of Facility Operating License No. DPR-44 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 50, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 26, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 50

FACILITY OPERATING LICENSE NO. DPR-44

DOCKET NO. 50-277

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

Remove

9

Insert

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PBAPS

TABLE 2.2.4-1
ESTIMATED CHEMICAL USAGE

| <u>CHEMICAL</u> | <u>ESTIMATED USAGE (lbs/year)</u> | <u>ESTIMATED RELEASES (lbs/year)</u> | <u>REMARKS</u> |
|-------------------------------|---------------------------------------|--|--|
| Boric Acid | 6,000 | 0 | |
| Borax | 6,000 | 0 | |
| Calcium Hypochlorite | 5,000 | 5,000 | Release includes chlorides |
| Chlorine as CL ₂ | 500,000 | 500,000 | Release Includes chlorides |
| Coagulant Aid | 5,000 | 5,000 | |
| Liquid Alum Solution - 50% | 180,000 | 0 | As received |
| Soda Ash | 5,000 | 0 | Sewage Treatment |
| Sodium Hydroxide | 340,000 | 0 | Demineralizer Regeneration and Clarifier pH Adjustment. |
| Sodium Hypochlorite | 6,000 | 6,000 | Sewage Treatment. Release includes chlorides |
| Sodium Nitrite Solution - 50% | 20,000 | 0 | As received. |
| Sodium Phosphate | 2,000 | 2,000 | Auxiliary Boilers |
| Sodium Sulphate | 0 | 583,000 | Product of Demineralizer Regeneration and Clarifier Treatment. |
| Sodium Sulfitite | 1,000 | 100 | Auxiliary Boilers |
| Sulfuric Acid | 400,000 | 0 | Demineralizer Regeneration |
| Unidentified Chemical Wastes | 4,200 | 4,200 | Laboratory Drains including Water. |



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. 50
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 January 23, 1979, 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.

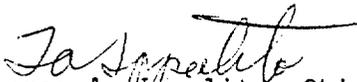
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C(2) of Facility Operating License No. DPR-56 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 50, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. V. Lippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 26, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 50

FACILITY OPERATING LICENSE NO. DPR-56

DOCKET NO. 50-278

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

Remove

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Insert

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PBAPS

TABLE 2.2.4-1
ESTIMATED CHEMICAL USAGE

| <u>CHEMICAL</u> | <u>ESTIMATED USAGE (lbs/year)</u> | <u>ESTIMATED RELEASES (lbs/year)</u> | <u>REMARKS</u> |
|-------------------------------|---------------------------------------|--|--|
| Boric Acid | 6,000 | 0 | |
| Borax | 6,000 | 0 | |
| Calcium Hypochlorite | 5,000 | 5,000 | Release includes chlorides |
| Chlorine as CL ₂ | 500,000 | 500,000 | Release Includes chlorides |
| Coagulant Aid | 5,000 | 5,000 | |
| Liquid Alum Solution - 50% | 180,000 | 0 | As received |
| Soda Ash | 5,000 | 0 | Sewage Treatment |
| Sodium Hydroxide | 340,000 | 0 | Demineralizer Regeneration and Clarifier pH Adjustment. |
| Sodium Hypochlorite | 6,000 | 6,000 | Sewage Treatment. Release includes chlorides |
| Sodium Nitrite Solution - 50% | 20,000 | 0 | As received. |
| Sodium Phosphate | 2,000 | 2,000 | Auxiliary Boilers |
| Sodium Sulphate | 0 | 583,000 | Product of Demineralizer Regeneration and Clarifier Treatment. |
| Sodium Sulfite | 1,000 | 100 | Auxiliary Boilers |
| Sulfuric Acid | 400,000 | 0 | Demineralizer Regeneration |
| Unidentified Chemical Wastes | 4,200 | 4,200 | Laboratory Drains including Water. |

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NOS. 50-277 AND 50-278PHILADELPHIA ELECTRIC COMPANY, ET AL.NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment Nos. 50 and 50 to Facility Operating License Nos. DPR-44 and DPR-56, issued to Philadelphia Electric Company, Public Service Electric and Gas Company, Delmarva Power and Light Company, and Atlantic City Electric Company, which revised Technical Specifications for operation of the Peach Bottom Atomic Power Station, Units Nos. 2 and 3 (the facility) located in York County, Pennsylvania. The amendments are effective as of the date of issuance.

The amendments revise the Appendix B Technical Specifications relating to estimated chemical usage.

The application for the amendments complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

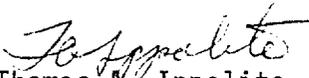
The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of these amendments.

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For further details with respect to this action, see (1) the application for amendment dated January 13, 1979, (2) Amendment Nos. 50 and 50 to License Nos. DPR-44 and DPR-56, and (3) the Commission's letter dated February 26, 1979. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Government Publications Section, State Library of Pennsylvania, Education Building, Commonwealth and Walnut Streets, Harrisburg, Pennsylvania. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 26th day of February 1979.

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors