

5/3/79

Docket Nos. 50-277
and 50-278

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

Dear Mr. Bauer:

Pursuant to a Decision of the Atomic Safety and Licensing Appeal Board (ALAB-532) dated March 23, 1979, the Commission has issued Amendments Nos. 52 and 52 to Licenses Nos. DPR-44 and DPR-56 for the Peach Bottom Atomic Power Station Units Nos. 2 and 3. The amendments substitute, for current operating license conditions pertaining to thermal discharge, two new conditions that (1) state that the revised NPDES permit governs thermal discharge matters to the extent it deals with them, and (2) establish a reporting, analysis and filing procedure for you to follow in the event of modification of effluent limitations or of the NPDES permit.

Copy of a related Notice of Issuance is also enclosed.

Sincerely,

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

Enclosures:

1. Amendment No. 52 to DPR-44
2. Amendment No. 52 to DPR-56
3. Notice

*Cutcher
CLP*

cc w/enclosures:
see next page

OELD

CUTCHIN
5/1/79

7906250074

OFFICE	ORB#3	ORB#3	ORB#3	ETSB	ORB#3	AD/E&P/DOR
SURNAME	PKreutzer	TKevern:acr	DVerrelli:ar	GLear	Tippolito	Barimes
DATE	4/27/79	4/26/79	4/26/79	4/26/79	4/26/79	4/26/79

Mr. Edward G. Bauer, Jr.

cc:

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

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

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

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

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
631 Park Avenue
King of Prussia, Pennsylvania 19406

Director, Technical Assessment
Division
Office of Radiation Programs
(AW-459)
US EPA
Crystal Mall #2
Arlington, Virginia 20460

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

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

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



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. 52
License No. DPR-44

Pursuant to a Decision (ALAB-532) by the Atomic Safety and Licensing Appeal Board dated March 23, 1979, the Nuclear Regulatory Commission has amended Facility Operating License No. DPR-44 by a change to the Technical Specifications as indicated in the attachment to this license amendment and by amending paragraph 2.C.(2) to read as follows:

2.C.(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 52 are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

The license is further amended by deleting paragraph 3.(c) and adding new paragraphs 3.(c) and 3.(d) as follows:


- 3.(c) 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.

7906250079

3.(d) 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 §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.(d), 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.

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: May 3, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 52

FACILITY OPERATING LICENSE NO. DPR-44

DOCKET NO. 50-277

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

Remove

5
5(a)
5(b)

Insert

5
5(a)

2.0 PROTECTION LIMITS

2.1 Thermal (deleted)

3.0 MONITORING REQUIREMENTS

3.1 Thermal

Objective

To assure that the water temperature in the Conowingo Pond is not increased to a level that adverse effects on the aquatic biota would result.

Specification

The bulk temperature of the condenser inlet water and of the water discharged to Conowingo Pond from the discharge canal shall be transmitted to the PBAPS control room and logged. Temperatures at Holtwood Dam and the Pennsylvania/Maryland state line shall be transmitted to the PBAPS control room and logged. For purposes of maintenance, the temperature monitoring system may be inoperable for a period not to exceed 7 days.

Thermal impact upon Conowingo Pond shall be periodically monitored and reported as specified in Section 6.3.

When less than three towers are in operation and the flow of the Susquehanna River through Conowingo Pond as calculated daily is less than 15,000 cfs, thermal plume mapping, as described in Section 6.3a of these specifications, shall be performed at least once per week. The results of this thermal mapping shall be submitted to the NRC in monthly reports along with applicable data on river flows, heat discharged from the station and the number of cooling towers in operation. Under these conditions, measurements of the bulk temperature of the water discharged to Conowingo Pond from the discharge canal and the temperature at the Pennsylvania/Maryland state line and Holtwood Dam shall be recorded notwithstanding the maintenance provisions stated above.

A non-routine report, as specified in Sub-section 7.4.2.A, shall be made if the thermal characteristics of the discharge from cutfall serial number 001 exceed the thermal effluent limitations as described in the currently effective NPDES Permit.

Bases

The purpose of these monitoring and reporting requirements is to provide NRC with the information it needs to carry out its NEPA responsibilities. The NPDES Permit dated April 11, 1977, requires, among other things, that the licensee comply with certain Interim Operating Limits described in Special Condition 9. Subsequent revisions to the NPDES Permit, or expiration of the Interim Operating Limit, or revisions to other certifications will be accommodated in accordance with the provisions of Subsection 7.4.2.B.

According to Specification 2.1 as it appeared in Amendment No. 24 to DPR-56 for Peach Bottom Atomic Power Station, Unit 3, plant operation was allowed under certain environmental conditions as a result of the NEPA review process. The NPDES Permit dated April 11, 1977 imposes similar, but not identical, conditions by means of the Interim Operating Limits set forth in Special Condition 9. The NPDES Permit Interim Operating Limits set forth in Special Condition 9.F, relate to operation for more than three days with cooling towers out of service. The NRC's requirements in this regard under low flow conditions are dealt with in a letter from NRC to Philadelphia Electric Company dated September 11, 1978. The Interim Operating Limits in conjunction with the letter assure that the plant will not be operated under conditions substantially different from those evaluated in the staff FES and subsequent impact appraisals. The licensee is required to analyze the environmental impact of changes made in the NPDES Permit and submit an analysis according to Subsection 7.4.2.B. NRC will review the analysis for consistency with the findings of the NEPA review process.



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. 52
License No. DPR-56

Pursuant to a Decision (ALAB-532) by the Atomic Safety and Licensing Appeal Board dated March 23, 1979, the Nuclear Regulatory Commission has amended Facility Operating License No. DPR-56 by a change to the Technical Specifications as indicated in the attachment to this license amendment and by amending paragraph 2.C.(2) to read as follows:

2.C.(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 52 are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

The license is further amended by deleting paragraphs 3.B., 3.C., 3.D., 3.E., 3.F., 3.G., and 3.H. and adding new paragraphs 3.B and 3.C. as follows:

- 3.B. 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.

- 3.C. 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 §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.C., Final Environmental Statement means the NRC Staff Final Environmental Statement related to Operation of Peach Bottom Atomic Power Station Units 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.

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: May 3, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 52

FACILITY OPERATING LICENSE NO. DPR-56

DOCKET NO. 50-278

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

Remove

5
5(a)
5(b)

Insert

5
5(a)

2.0 PROTECTION LIMITS

2.1 Thermal (deleted)

3.0 MONITORING REQUIREMENTS

3.1 Thermal

Objective

To assure that the water temperature in the Conowingo Pond is not increased to a level that adverse effects on the aquatic biota would result.

Specification

The bulk temperature of the condenser inlet water and of the water discharged to Conowingo Pond from the discharge canal shall be transmitted to the PBAPS control room and logged. Temperatures at Holtwood Dam and the Pennsylvania/Maryland state line shall be transmitted to the PBAPS control room and logged. For purposes of maintenance, the temperature monitoring system may be inoperable for a period not to exceed 7 days.

Thermal impact upon Conowingo Pond shall be periodically monitored and reported as specified in Section 6.3.

When less than three towers are in operation and the flow of the Susquehanna River through Conowingo Pond as calculated daily is less than 15,000 cfs, thermal plume mapping, as described in Section 6.3a of these specifications, shall be performed at least once per week. The results of this thermal mapping shall be submitted to the NRC in monthly reports along with applicable data on river flows, heat discharged from the station and the number of cooling towers in operation. Under these conditions, measurements of the bulk temperature of the water discharged to Conowingo Pond from the discharge canal and the temperature at the Pennsylvania/Maryland state line and Holtwood Dam shall be recorded notwithstanding the maintenance provisions stated above.

A non-routine report, as specified in Sub-section 7.4.2.A, shall be made if the thermal characteristics of the discharge from cutfall serial number 001 exceed the thermal effluent limitations as described in the currently effective NPDES Permit.

Bases

The purpose of these monitoring and reporting requirements is to provide NRC with the information it needs to carry out its NEPA responsibilities. The NPDES Permit dated April 11, 1977, requires, among other things, that the licensee comply with certain Interim Operating Limits described in Special Condition 9. Subsequent revisions to the NPDES Permit, or expiration of the Interim Operating Limit, or revisions to other certifications will be accommodated in accordance with the provisions of Subsection 7.4.2.B.

According to Specification 2.1 as it appeared in Amendment No. 24 to DPR-56 for Peach Bottom Atomic Power Station, Unit 3, plant operation was allowed under certain environmental conditions as a result of the NEPA review process. The NPDES Permit dated April 11, 1977 imposes similar, but not identical, conditions by means of the Interim Operating Limits set forth in Special Condition 9. The NPDES Permit Interim Operating Limits set forth in Special Condition 9.F, relate to operation for more than three days with cooling towers out of service. The NRC's requirements in this regard under low flow conditions are dealt with in a letter from NRC to Philadelphia Electric Company dated September 11, 1978. The Interim Operating Limits in conjunction with the letter assure that the plant will not be operated under conditions substantially different from those evaluated in the staff FES and subsequent impact appraisals. The licensee is required to analyze the environmental impact of changes made in the NPDES Permit and submit an analysis according to Subsection 7.4.2.B. NRC will review the analysis for consistency with the findings of the NEPA review process.

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

The United States Nuclear Regulatory Commission (the Commission) has, pursuant to the Decision of the Atomic Safety and Licensing Appeal Board (ALAB-532) dated March 23, 1979, issued Amendments Nos. 52 and 52 to Facility Operating Licenses 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, for the Peach Bottom Atomic Power Station Units Nos. 2 and 3, located in York County, Pennsylvania. The amendment is effective as of its date of issuance.

The amendments substitute, for current operating license conditions pertaining to thermal discharge, two new conditions that (1) state that the revised NPDES permit governs thermal discharge matters to the extent it deals with them, and (2) establish a reporting, analysis and filing procedure for the licensees to follow in the event of modification of effluent limitations or of the NPDES permit.

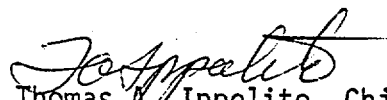
For further details with respect to this action, see (1) the Stipulation Among Certain Parties and Participants filed with the Atomic Safety and Licensing Appeal Board dated September 5, 1978, (2) the Decision of the Atomic Safety and Licensing Appeal Board (ALAB-532) dated March 23, 1979,

7906250083

and (3) Amendments Nos. 52 and 52 to License Nos. DPR-44 and DPR-56. 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 3rd day of May 1979.

FOR THE NUCLEAR REGULATORY COMMISSION


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