

REGULATORY DOCKET FILE COPY

OCTOBER 19 1979

Docket No. 50-277

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

Dear Mr. Bauer:

The Commission has issued the enclosed Amendment No. 62 to Facility Operating License No. DPR-44 for the Peach Bottom Atomic Power Station, Unit No. 2. The amendment consists of changes to the Technical Specifications and is in response to your request dated October 2, 1979.

The change would permit continued operation of Peach Bottom 2 without performing a pump flow rate capacity test on the A/C subsystem of the Core Spray System, until January 3, 1980.

Copies of the Safety Evaluation and a related Notice of Issuance are also enclosed.

Sincerely,

Original Signed by
T. A. Ippolito

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

Enclosures:

1. Amendment No. 62
2. Safety Evaluation
3. Notice

cc w/enclosures:
See next page

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T.A. Ippolito
10/15/79

*No legal objection to
release of amendment
or if notice
SER not processed*

CP

CP2

OFFICE	ORB #3	ORB #3	STSG	AD:DRR	OELD
SURNAME	<i>PKreutzer</i>	<i>DVerrelli:mj</i>	<i>DBrinkman</i>	<i>WGammill</i>	<i>CUTCHIN</i>
DATE	10/15/79	10/15/79	10/15/79	10/15/79	10/17/79

Mr. Edward G. Bauer, Jr.
Philadelphia Electric Company

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October 19, 1979

cc:

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Philadelphia Electric Company
Assistant General Counsel
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Philadelphia, Pennsylvania 19101

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Governor's Office of State Planning
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Government Publications Section
State Library of Pennsylvania
Education Building
Commonwealth and Walnut Streets
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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. 62
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 October 2, 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-44 is hereby amended to read as follows:

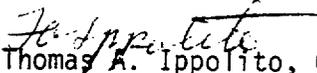
(2) Technical Specifications

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

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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: October 19, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 62

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 area of change.

Remove

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Insert

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LIMITING CONDITIONS FOR OPERATION3.5.A Core Spray and LPCI Subsystem (cont'd)

Both CSS shall be operable whenever irradiated fuel is in the vessel and prior to reactor startup from a Cold Shutdown condition except as specified in 3.5.A.2 and 3.5.F.3 below:

2. From and after the date that one of the core spray subsystems is made or found to be inoperable for any reason, continued reactor operation is permissible only during the succeeding seven days provided that during such seven days all active components of the other core spray subsystem and active components of the LPCI subsystems are operable.

SURVEILLANCE REQUIREMENTS4.5.A Core Spray and LPCI Subsystem (cont'd)

<u>Item</u>	<u>Frequency</u>
(d) Pump Flow Rate	Once/3months*
Both loops shall deliver at least 6250 gpm against a system head corresponding to a reactor vessel pressure of 105 psig.	
(e) Core Spray Header P Instrumentation	
Check	Once/day
Calibrate	Once/3 months
(f) Operability check to ensure that pumps will start and motor operated injection valves will open.	In accordance with 4.5.A.2, 4.5.A.4 and 4.5.A.5

2. When it is determined that one core spray subsystem is inoperable, the operable core spray subsystem and the LPCI subsystems shall be demonstrated to be operable in accordance with 4.5.A.1(F) and 4.5.A.3(e) within 24 hours, and at least once per 72 hours thereafter until the inoperable core spray subsystem is restored to operable status.

3. LPCI Subsystem Testing shall be as follows:

<u>Item</u>	<u>Frequency</u>
(a) Simulated Automatic Actuation Test	Once/operating Cycle
(b) Pump operability	Once/1 month

*Through January 3, 1980, continued power operation without the capability of performing the Core Spray pump flow rate test for the A/C subsystem is permitted.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 62 TO FACILITY LICENSE NO. DPR-44

PHILADELPHIA ELECTRIC COMPANY
PUBLIC SERVICE ELECTRIC AND GAS COMPANY
DELMARVA POWER AND LIGHT COMPANY
ATLANTIC CITY ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION UNIT NO. 2

DOCKET NO. 50-277

INTRODUCTION

By letter dated October 2, 1979, Philadelphia Electric Company requested a temporary change to the Technical Specifications for Peach Bottom Atomic Power Station Unit No. 2. The proposed change would permit continued operation of Peach Bottom 2 without performing a pump flow rate capacity test on the A/C subsystem of the Core Spray System, until January 3, 1980.

EVALUATION

The Core Spray System is an Emergency Core Cooling System. It consists of two independent subsystems each comprised of two 50% capacity pumps and associated valves and piping capable of taking suction from the suppression pool and transferring water to a spray sparger in the reactor vessel. This system is a low pressure system and is isolated from the primary coolant system during power operation. Thus, each subsystem is provided with a test return line so that pump capacity flow rate tests can be performed on a periodic basis by circulating water from the suppression pool back to the suppression pool. The licensee's request stated that the ability to perform the pump capacity test on one of the two independent systems was inhibited in July 1979 by performing temporary modifications to the test return line because one of the valves in this line failed to close. The blockage of the test return line did not effect the ability of the subsystem to inject water into the reactor vessel since the test return line is not in the safety injection flow path.

The licensee requested that continued operation of Peach Bottom 2 be permitted without the conduct of the A/C subsystem pump capacity test until January 3, 1980 in order to minimize shutdowns of Unit 2 and to permit repairs to the A/C test return line to be delayed and affected during a currently scheduled outage for other purposes.

We have reviewed the licensee's request and determined that the requested temporary change is acceptable on the following basis. The purpose of surveillance on the Core Spray System is to provide assurance that the system

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will be capable of providing emergency cooling water to the core should it be required. The surveillance includes a number of periodic tests which include: monthly pump operability tests, monthly valve operability tests, daily checks and quarterly calibration of instrumentation, and quarterly pump capacity tests. The purpose of the flow rate test is to monitor pump performance to detect any long term degradation of system performance. The licensee's history of core spray pump performance has shown essentially no reduction in capacity since early 1973, a period of over 6 years.

By performing monthly pump and valve operability tests, we will have assurance that the core spray system is capable of injecting water into the reactor vessel. The performance history of satisfactory flow characteristics supports our conclusion that adequate flow will be provided. Therefore, a temporary change which extends for a period of 3 months the requirement for a flow rate test for one of the two independent systems has no safety significance. Accordingly, the licensee's proposed temporary change is acceptable.

ENVIRONMENTAL CONSIDERATIONS

We have determined that the amendment does not involve a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR Section 51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendment.

CONCLUSIONS

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: October 19, 1979

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-277PHILADELPHIA ELECTRIC COMPANY
PUBLIC SERVICE ELECTRIC AND GAS COMPANY
DELMARVA POWER AND LIGHT COMPANY
ATLANTIC CITY ELECTRIC COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 62 to Facility Operating License No. DPR-44 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, Unit No. 2 (the facility) located in Peach Bottom, York County, Pennsylvania. The amendment is effective as of its date of issuance.

The change would permit continued operation of Peach Bottom 2 without performing a pump flow rate capacity test on the A/C subsystem of the Core Spray System, until January 3, 1980.

The application for the amendment 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 amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

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

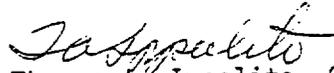
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For further details with respect to this action, see (1) the application for amendment dated October 2, 1979, (2) Amendment No. 62 to License No. DPR-44, and (3) the Commission's related Safety Evaluation. All of these items are available for public 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 19th day of October 1979,

FOR THE NUCLEAR REGULATORY COMMISSION


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