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Dockets Nos. 50-277
50-278

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

Dear Mr. Bauer:

The Commission has issued the enclosed Order confirming your commitments to implement those post-TMI related items set forth in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability". This Order is based on commitments contained in your letter responding to the NRC's Generic Letter 82-33 dated December 17, 1982.

This Order references your letters and, in its Attachment, contains a list of the requirements specified in Supplement 1 to NUREG-0737 with your schedular commitments or status.

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

"ORIGINAL SIGNED BY:"

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosure:
Order

cc: w/enclosure
See next page

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PDR ADOCK 05000277
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*See other white for concurrences

OFFICE	ORB#4:DL RIngram:ps	ORB#4:DL GGears	ORB#4:DL JStolz*	AD:OR:DL GLainas*	OELD J.L.*	D:DL DEisenhut	ORB#5:DL DMC*
SURNAME							
DATE	9/23/83	9/23/83	8/11/83	8/15/83	8/9/83	8/12/83	8/13/83

Dockets Nos. 50-277
50-278

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Philadelphia Electric Company
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Sincerely,

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosure:
Order

cc: w/enclosure
See next page

JMS
8/13/83
ORB-5

J. Lieberman
J. Lieberman - no
legal objection.

OFFICE	ORB #4:DL	ORB #4:DL	ORB #4:DL	AD-DR:DL	OELD	D:DL
SURNAME	RIngram:ps	GGears	JStolz	GLAhas	J. Lieberman	DEisenhut
DATE	7/30/83	8/4/83	8/17/83	8/15/83	8/9/83	8/1/83



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

June 14, 1984

DISTRIBUTION:
Docket File
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DOCKET No. 50-277, 50-278

MEMORANDUM FOR: Docketing and Service Branch
Office of the Secretary of the Commission

FROM: Office of Nuclear Reactor Regulation

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (6) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Consideration of Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Order. **Emergency Response Capability**
- Exemption.
- Notice of Granting of Relief.
- Other: _____

Division of Licensing, ORB#4
Office of Nuclear Reactor Regulation

Enclosure:
As stated

OFFICE	ORB#4:DL					
SURNAME	RIngram;cf					
DATE	6/16/84					

OFFICIAL RECORD COPY

Philadelphia Electric Company

cc w/enclosure(s):

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Philadelphia Electric Company
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Philadelphia, Pennsylvania 19101

Troy B. Conner, Jr.
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Thomas A. Deming, Esq.
Assistant Attorney General
Department of Natural Resources
Annapolis, Maryland 21401

Philadelphia Electric Company
ATTN: Mr. R. Fleishmann
Peach Bottom Atomic
Power Station
Delta, Pennsylvania 17314

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

Allen R. Blough
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Peach Bottom Atomic Power Station
P. O. Box 399
Delta, Pennsylvania 17314

Mr. Thomas E. Hurley, Regional Administrator
U. S. Nuclear Regulatory Commission, Region I
Office of Inspection and Enforcement
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King of Prussia, Pennsylvania 19406

Regional Radiation Representative
EPA Region III
Curtis Building (Sixth Floor)
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Philadelphia, Pennsylvania 19106

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

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

Thomas M. Gerusky, Director
Bureau of Radiation Protection
Pennsylvania Department of
Environmental Resources
P. O. Box 2063
Harrisburg, Pennsylvania 17120

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
)	
PHILADELPHIA ELECTRIC COMPANY)	
)	Dockets Nos. 50-277 and 50-278
(Peach Bottom Atomic Power)	
Station, Units 2 and 3))	
)	
)	

ORDER CONFIRMING LICENSEE COMMITMENTS
ON EMERGENCY RESPONSE CAPABILITY

I.

Philadelphia Electric Company (PECO or the licensee) and three other co-owners are the holders of Facility Operating Licenses Nos. DPR-44 and DPR-56 which authorize the operation of the Peach Bottom Atomic Station, Units Nos. 2 and 3 (the facilities) at steady-state power levels not in excess of 3293 megawatts thermal for each unit. The facilities are boiling water reactors (BWRs) located at the licensee's site in York County, Pennsylvania.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the

- 2 -

accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modifications, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter, operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

III.

PECO responded to Generic Letter 82-33 by letters dated April 15, 1983, and September 14, 1983. In these submittals, PECO made commitments to complete the basic requirements. The attached Table summarizing PECO's schedular commitments or status was developed by the NRC staff from the Generic Letter and the information provided by PECO.

- 3 -

PECO's commitments include (1) dates for providing required submittals to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements. These latter implementation dates will be reviewed, negotiated and confirmed by a subsequent order.

The NRC staff reviewed PECO's submittals and finds that the dates are reasonable, achievable dates for meeting the NRC requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of PECO's commitments is required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

IV.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT the licensee shall:

Implement the specific items described in the Attachment to this ORDER in the manner described in PECO's submittals noted in Section III herein no later than the dates in the Attachment.

- 4 -

Extensions of time for completing these items may be granted by the Director, Division of Licensing, for good cause shown.

V.

The licensee may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should also be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section IV of this Order.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,
this 14th day of June 1984.

Attachment:
Licensee's Commitments on
Requirements Specified in
Supplement 1 to NUREG-0737

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
1. Safety Parameter Display System (SPDS)	1a. Submit a safety analysis and an implementation plan to the NRC.	Complete (Units 2 and 3)
	1b. SPDS fully operational and operators trained.	Unit 2: By the end of the 7th refueling outage (est. Fall 1985) Unit 3: By the end of the 5th refueling outage (est. Spring 1985)
2. Detailed Control Room Design Review (DCRDR)	2a. Submit a program plan to the NRC.	Complete (Units 2 and 3)
	2b. Submit a summary report to the NRC including a proposed schedule for implementation.	March 15, 1985 (Units 2 and 3)
3. Regulatory Guide 1.97 - Application to Emergency Response Facilities	3a. Submit a report to the NRC describing how the requirements of Supplement 1 to NUREG-0737 have been or will be met.	July 1, 1984 (Units 2 and 3)
	3b. Implement (installation or upgrade) requirements.	Unit 2: By the end of the 8th refueling outage (est. Spring 1987) Unit 3: By the end of the 7th refueling outage (est. Fall 1985)

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE
4. Upgrade Emergency Operating Procedures (EOPs)	4a. Submit a Procedures Generation Package to the NRC.	Complete (Units 2 and 3)
	4b. Implement the upgraded EOPs.	Complete (Units 2 and 3)
5. Emergency Response Facilities	5a. Technical Support Center fully functional.	Complete (Units 2 and 3)*
	5b. Operational Support Center fully functional.	Complete (Units 2 and 3)*
	5c. Emergency Operations Facility fully functional.	Complete (Units 2 and 3)*

*In all respects except for SPDS and Reg. Guide 1.97 Instrumentation (See Items 1 & 3 above).