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Docket No. 50-334

Mr. J. J. Carey, Vice President
 Duquesne Light Company
 Nuclear Division
 Post Office Box 4
 Shippingport, Pennsylvania 15077

Dear Mr. Carey:

The Commission has issued the enclosed Order confirming your commitments to implement those post-TMI related items set forth in NUREG-0737 for which the staff requested completion on or after July 1, 1981. This Order is based on commitments contained in your letters responding to the NRC's Generic Letters 82-05 and 82-10 dated March 17, 1982 and May 5, 1982, respectively.

The Order references your letters and, in its Attachments, contains lists of the applicable NUREG-0737 items with your scheduler commitments. As discussed in the Order, several of the items listed in Generic Letter 82-10 will be handled outside of this Order.

The Commission's intention when it issued NUREG-0737 was that items would be completed in accordance with the staff's recommended schedule. However, our evaluation of your proposed schedule exceptions concludes that the proposed delays are acceptable. Among other things, the Order requires implementation of these items in accordance with your proposed schedule.

Some of the items set forth in the Attachments to the Order are subject to post implementation review and inspection. Our post implementation review and/or the development of Technical Specifications may identify alterations to your method of implementing and maintaining the requirements. Any identified alterations will be the subject of future correspondence.

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

Sincerely,

Original signed by:
 S. A. Varga

Steven A. Varga, Chief
 Operating Reactors Branch #1
 Division of Licensing

Enclosure:
 Order

cc w/enclosure:
 See next page

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SURNAME	CParrish	PTam	S.Varga		GLaffias		DEisenhut
DATE	2/16/83	11/16/82	11/10/82	2/17/82	2/1/82	2/13/82	2/1/83

Mr. J. J. Carey
Duquesne Light Company

cc: Mr. W. S. Lacey
Station Superintendent
Duquesne Light Company
Beaver Valley Power Station
Post Office Box 4
Shippingport, Pennsylvania 15077

Mr. K. Grada, Superintendent
of Licensing and Compliance
Duquesne Light Company
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Mr. John A. Levin
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Special Assistant Attorney General
Bureau of Administrative Enforcement
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Harrisburg, Pennsylvania 17120

Marvin Fein
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313 City-County Building
Pittsburgh, Pennsylvania 15219

Resident Inspector
U. S. Nuclear Regulatory Commission
Post Office Box 298
Shippingport, Pennsylvania 15077

Department of Environmental
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ATTN: Director, Office of
Radiological Health
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Harrisburg, Pennsylvania 17105

Mr. Thomas J. Czerpah
Mayor of the Burrough of
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Shippingport, Pennsylvania 15077

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Ray E. Sempler
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New Castle, Pennsylvania 16103

Ohio Environmental Protection Agency
Division of Planning
Environmental Assessment Section
P.O. Box 1049
Columbus, Ohio 43216

Office of the Governor
State of West Virginia
Charleston, West Virginia 25305

Charles A. Thomas, Esquire
Thomas and Thomas
212 Locust Street
Box 999
Harrisburg, West Virginia 17108

Mr. J. J. Carey
Duquesne Light Company

cc: Regional Radiation Representatives
EPA Region III
Curtis Building - 6th Floor
Philadelphia, Pennsylvania 19106

Governor's Office of State Planning
and Development
ATTN: Coordinator, Pennsylvania
State Clearinghouse
P.O. Box 1323
Harrisburg, Pennsylvania 17120

Mr. Joseph H. Mills, Acting Commissioner
State of West Virginia Department
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1900 Washington Street
East Charleston, West Virginia 25305

N. H. Dyer, M.D.
State Director of Health
State Department of Health
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Charleston, West Virginia 25305

Irwin A. Popowsky, Esquire
Office of Consumer Advocate
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Harrisburg, Pennsylvania 17120

Ronald C. Haynes
Regional Administrator - Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

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additional protection in the operation of nuclear facilities based on the experience from the accident at TMI-2 and the official studies and investigations of the accident. The staff's proposed requirements and schedule for implementation are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements." Among these requirements are a number of items, consisting of hardware modifications, administrative procedure implementation and specific information to be submitted by the licensee, scheduled to be completed on or after July 1, 1981. On March 17, 1982, a letter (Generic Letter 82-05) was sent to all licensees of operating power reactors for those items that were scheduled to be implemented from July 1, 1981 through March 1, 1982. Subsequently, on May 5, 1982, a letter (Generic Letter 82-10) was also sent to all licensees of operating power reactors for those items that were scheduled for implementation after March 1, 1982. These letters are hereby incorporated by reference. In these letters each licensee was requested to furnish within 30 days pursuant to 10 CFR 50.54(f) the following information for items which the staff had proposed for completion on or after July 1, 1981:

- (1) For applicable items that have been completed, confirmation of completion and the date of completion, (2) for items that have not been completed, a specific schedule for implementation, which the licensee committed to meet, and (3) justification for delay, demonstration of need for the proposed schedule, and a description of the interim compensatory measures being taken.

III.

Duquesne Light Company responded to Generic Letter 82-05 by letter dated April 16, 1982; to Generic Letter 82-10 by letter dated June 8, 1982. In these submittals, the Duquesne Light Company confirmed that some of the items identified in the Generic Letters had been completed and made firm commitments to complete the remainder. The attached Tables summarizing the licensee's schedular commitments or status were developed by the staff from the Generic Letters and the licensee-provided information.

There are six items from Generic Letter 82-10 that, as noted in the Table (Attachment 2), have licensee schedules to be determined and are therefore not included in this Order. Some of the items addressed in this Order are considered by the licensee to be completed or to require no modifications. The staff's evaluation of the licensee's delays for the remaining items is provided herein:

I.A.1.3.1 Limit Overtime

In the June 8, 1982 submittal, the licensee stated that he is unable to meet the objective of having his operating personnel work a normal 8-hour day, 40-day week. This is due to a large attrition rate of licensed personnel, the need for work schedules which support the minimum shift crew during periods of time when employees are on retraining, vacations, or sick leave. The licensee expects to have additional licensed personnel late in 1983 such that a five-shift

schedule may be implemented. The licensee intends to be in conformance with Generic Letter 82-12 by March 31, 1984. We find that the implemented and planned actions by the licensee meet the objective of the requirement.

II.B.3 Post Accident Sampling

In the April 16, 1982 submittal the licensee stated that this plant modification was in progress with completion expected prior to plant start-up with the exception of Boron and Chloride on-line analyzers. All modifications have been made as of today. Due to equipment delivery problems, the licensee does not commit to installation of the analyzers by a specific date. However, as an interim method of determining boron and chloride concentrations the licensee will analyze samples collected from the Post-Accident Sampling System in the Chemistry Laboratory.

We find the licensee's position acceptable since NUREG-0737 requires only that the capability to analyze boron and chloride samples exists, and does not require the installation of on-line analyzers.

Equipment Qualification for Item II.F.1.5 - Containment Water Level Monitors

For these items the licensee has stated that the modification is complete with the exception that some of the equipment is not fully qualified. Installed accident monitoring instrumentation will be upgraded in accordance with the schedule in 10 CFR 50.49(g).

The attached Tables were developed by the staff from the April 16 and June 8, 1982 letters and licensee-provided information. The NRC has not completed the post implementation review, now in progress, of all the items given in the Table. The results of this review may identify alterations to the licensee's method of implementing the requirement. Any identified alteration will be the subject of a separate action.

We find, based on the above evaluation, that: 1) the licensee has taken corrective actions regarding the delays and has made a responsible effort to implement the NUREG-0737 requirements noted; 2) there is good cause for the several delays (unexpected design complexity, interface problems, and equipment delays); and 3) as noted above, interim compensatory measures have been provided.

In view of the foregoing, I have determined that these modifications and actions are required in the interest of public health and safety and, therefore, the licensee's commitment should be confirmed by Order.

IV.

Accordingly, pursuant to Sections 103, 161i, and 161o 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 and maintain the specific items described in the Attachments to this Order in the manner described in the licensee's submittals noted in Section III herein no later than the dates in the Attachments.

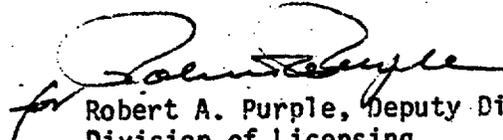
V.

The licensee may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. A request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy shall 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 requested by the licensee, 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



Robert A. Purple, Deputy Director
Division of Licensing
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,
this 14th day of March, 1983.

Attachments:

1. Licensee's Commitments on Applicable NUREG-0737 Requirements from Generic Letter 82-05
2. Licensee's Commitments on Applicable NUREG-0737 Requirements from Generic Letter 82-10

PLANT NAME: Beaver Valley Unit 1

LICENSEE COMMITMENTS ON APPLICABLE NUREG-0737 ITEMS
FROM GENERIC LETTER 82-05

ITEM	TITLE	NUREG-0737 SCHEDULE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
I.A.3.1	Simulator Exams	10/1/81	Include simulator exams in licensing examinations.	Complete
II.B.2	Plant Shielding	1/1/82	Modify facility to provide access to vital areas under accident conditions.	Complete
II.B.3	Post-accident sampling	1/1/82	Install upgrade post-accident sampling capability.	Complete
II.B.4	Training for Mitigating Core Damage	10/1/81	Complete training program.	Complete
II.E.1.2	Aux FW Indication & Flow Indicator	7/1/81	Modify instrumentation to level of safety grade.	Complete
II.E.4.2	Containment Isolation Dependability	7/1/81	Part 5 - lower containment pressure setpoint to level compatible with normal operation.	Complete.
II.E.4.2	Containment Isolation Dependability	7/1/81	Part 7 - isolate purge and vent valves on radiation signal.	Complete

PLANT NAME: Beaver Valley Unit 1

LICENSEE COMMITMENTS ON APPLICABLE NUREG-0737 ITEMS
FROM GENERIC LETTER 82-05

ITEM	TITLE	NUREG-0737 SCHEDULE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
II.F.1	Accident Monitoring	1/1/82	(1) Install noble gas effluent monitors.	Complete
		1/1/82	(2) Provide capability for effluent monitoring of iodine.	Complete
		1/1/82	(3) Install in-containment radiation-level monitor.	Complete
		1/1/82	(4) Provide continuous indication of containment pressure.	Complete
		1/1/82	(5) Provide continuous indication of containment water level.	Complete*
		1/1/82	(6) Provide continuous indication of hydrogen concentration in containment.	Complete

*Except equipment qualification to be completed in accordance with the schedule in 10 CFR 50.49(g).

Plant Name: Beaver Valley Unit 1

LICENSEE COMMITMENTS ON APPLICABLE NUREG-737 ITEMS
FROM GENERIC LETTER 82-10

ITEM	TITLE	NUREG-0737 SCHEDULE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
I.A.1.3.1	Limit Overtime	10/1/82 per Gen. Ltr. 82-12 dtd. 6/15/82	Revise administrative procedures to limit overtime in accordance w/NRC Policy Statement issued by Gen. Ltr. No. 82-12, dtd. June 15, 1982.	March 31, 1984
I.A.1.3.2	**Minimum Shift Crew	To be superseded by Proposed Rule.	To be addressed in the Final Rule on Licensed Operator Staffing at Nuclear Power Units.	To be addressed when Final Rule is issued.
I.C.1	**Revise Emergency Procedures	Superseded by SECY 82-111	Reference SECY 82-111, Requirements for Emergency Response Capability.	To be determined.
II.D.1.2	RV and SV Test Programs	7/1/82	Submit plant specific reports on relief and safety valve program.	Complete
II.D.1.3	Block Valve Test Program	7/1/82	Submit report of results of test program.	Complete
II.K.3.30 & 31	**SBLOCA Analysis	1 yr. after staff approval of model.	Submit plant specific analyses.	To be determined following staff approval of model.
III.A.1.2	**Staffing Levels for Emergency Situations	Superseded by SECY 82-111	Reference SECY 82-111, Requirements for Emergency Response Capability	To be determined.
III.A.1.2	**Upgrade Emergency Support Facilities	""	""	""
III.A.2.2	**Meteorological Data	""	""	""
III.D.3.4	Control Room Habitability	To be determined by licensee	Modify facility as identified by licensee study	Complete

**Not Part of Confirmatory Order