

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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NOTICE AND OPPORTUNITY FOR PARTICIPATION IN HEARING FOR RESTART OF THREE
MILE ISLAND UNIT NO. 1

On August 9, 1979 the U. S. Nuclear Regulatory Commission issued an order in the matter of Metropolitan Edison Company (Three Mile Island Nuclear Station, Unit No. 1) (TMI-1) Docket No. 50-289, inviting public participation in a hearing on the restart of TMI-1. Notice was also published in the Federal Register on August 15, 1979.

The Commission directed that the following subjects should be considered at the hearing:

- (1) Whether the "short term actions" recommended by the Director of Nuclear Reactor Regulation (set forth below) are necessary and sufficient to provide reasonable assurance that the TMI-1 facility can be operated without endangering the health and safety of the public, and should be required before resumption of operation should be permitted.
- (2) Whether the "long term actions" recommended by the Director of Nuclear Reactor Regulation (set forth below) are necessary and sufficient to provide reasonable assurance that the facility can be operated for the long term without endangering the health and safety of the public, and should be required of the licensee as soon as practicable.

Short term actions which will be required of the licensee are as follows:

1. The licensee shall take the following actions with respect to TMI-1:
 - (a) Upgrade the timeliness and reliability of the Emergency Feedwater (EFW) system by performing the items specified in Enclosure 1 of the licensee's June 28,

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1979 letter. Changes in design will be submitted to the NRC staff for review.

- (b) Develop and implement operating procedures for initiating and controlling EFW independent of Integrated Control System (ICS) control.
 - (c) Install a hard-wired control grade reactor trip on loss of main feedwater and/or turbine trip.
 - (d) Complete analyses for potential small breaks and develop and implement operating instructions to define operator action.
 - (e) Augment the retraining of all Reactor Operators and Senior Reactor Operators assigned to the control room including training in the areas of natural circulation and small break loss of coolant accidents including revised procedures and the TMI-2 accident. All operators will also receive training at the B&W simulator on the TMI-2 accident and the licensee will conduct a 100 percent reexamination of all operators in these areas. NRC will administer complete examinations to all licensed personnel in accordance with 10 CFR 55.20-23..
2. The licensee shall provide for NRC review and approval of all applicable action specified in IE Bulletins 79-05A, 79-05B, and 79-05C.
3. The licensee shall improve his emergency preparedness in accordance with the following:
- (a) Upgrade emergency plans to satisfy Regulatory Guide 1.101 with special attention to action level criteria based on plant parameters.
 - (b) Establish an Emergency Operations Center for Federal, State and Local Officials and designate a location and an alternate location and provide communications to plant.
 - (c) Upgrade offsite monitoring capability, including additional thermoluminescent dosimeters or equivalent.

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(d) Assess the relationship of State/Local plans to the licensee plans so as to assure the capability to take emergency actions.

(e) Conduct a test exercise of its emergency plan.

4. The licensee shall demonstrate that the decontamination and/or restoration operations at TMI-2 will not affect safe operations at TMI-1. The licensee shall provide separation and/or isolation of TMI 1/2 radioactive liquid transfer lines, fuel handling areas, ventilation systems, and sampling lines. Effluent monitoring instruments shall have the capability of discriminating between effluents resulting from Unit 1 or Unit 2 operations.

5. The licensee shall demonstrate that the waste management capability, including storage and processing, for solid, liquid, and gaseous wastes is adequate to assure safe operation of TMI-1, and that TMI-1 waste handling capability is not relied on by operations at TMI-2.

6. The licensee shall demonstrate his managerial capability and resources to operate Unit 1 while maintaining Unit 2 in a safe configuration and carrying out planned decontamination and/or restoration activities. Issues to be addressed include the adequacy of groups providing safety review and operational advice, the management and technical capability and training of operations staff, the adequacy of the operational Quality Assurance program and the facility procedures, and the capability of important support organizations such as Health Physics and Plant Maintenance.

7. The licensee shall demonstrate his financial qualifications to the extent relevant to his ability to operate TMI-1 safely.

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8. The licensee shall comply with the Category A recommendations as specified in Table 3-1 of NUREG-0878.

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The long term actions which are required of the licensee are:

1. submit a failure mode and effects analysis of the ICS to the NRC staff as soon as practicable;
2. give continued attention to transient analysis and procedures for management of small breaks by a formal program set up to assure timely action of these matters;
3. comply with the Category B recommendations as specified in Table B-1 of NUREG-0578; and,
4. improve emergency preparedness in accordance with the following:
 - (a) modify emergency plans to address changing capabilities of plant instrumentation,
 - (b) extend the capability to take appropriate emergency actions for the population around the site to a distance of ten miles.

In addition, the Commission indicated that in the proper circumstances the issues of financial qualifications and psychological distress may be entertained.

The hearing will be conducted in accordance with the applicable provisions of subpart G of the Commission's Rules of Practice set forth in 10 CFR Part 2. The provisions of 10 CFR 2.715a (consolidation of parties), 2.751a (special prehearing conference and order), 2.752 (prehearing conference and order) shall apply to this proceeding.

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The last day for petitions for intervention was set by the original Commission Order as September 4, 1979, but was subsequently extended by the Secretary of the Commission to September 14, 1979.

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As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors:

- (1) the nature of the petitioner's right under the Atomic Energy Act to be made a party to the proceeding;
- (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and
- (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest.

The petition should identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene.

An answer to this Notice or petition for leave to intervene should be filed with the Secretary of the Commission, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Docketing and Service Section, or may be delivered to the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. by September 14, 1979. A copy of the petition should be sent to the Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555 and to Mr. George F. Trowbridge, Shaw, Pittman, Potts and Trowbridge, 1800 M Street, N. W.,

Washington, D. C. 20036, attorney for the licensee. Any questions or requests for additional information regarding the content of this Notice should be addressed to the Chief Hearing Counsel, Office of the Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555.

Nontimely filings of petitions for leave to intervene, amended petitions or supplemental petitions will not be entertained absent a determination that the petitioner has made a substantial showing of good cause for the granting of a late petition. That determination will be based on a balancing of the factors specified in 10 CFR 2.714(a)(i)-(v) and 2.714(d).

Copies of the following documents are available for inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. and are being placed in the Commission's local public document room at the State Library of Pennsylvania, Government Publications Section, Education Building, Commonwealth and Walnut Streets, Harrisburg, Pennsylvania 17126.

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August 1, 1979 Commission Order

August 9, 1979 Commission Order

April 16 Ltr. Herbein to Denton (prior notice will be given before restart)

June 28 Ltr. Herbein to Denton (modifications to be completed before TMI-1 restart)

June 28 NRC Staff Meeting Summary on TMI-1 restart

NUREG-0578

I&E Bulletins 79-05A
79-05B
79-05C

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PUBLICATION GUIDELINES

Enclosed is material to be published as follows:

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