

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-289

METROPOLITAN EDISON COMPANY

JERSEY CENTRAL POWER AND LIGHT COMPANY

PENNSYLVANIA ELECTRIC COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

AND NEGATIVE DECLARATION

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 17 to Facility Operating License No. DPR-50 issued to Metropolitan Edison Company, Jersey Central Power and Light Company, and Pennsylvania Electric Company which revised Technical Specifications for operation of the Three Mile Island Nuclear Station, Unit No. 1, located in Dauphin County, Pennsylvania. The amendment is effective as of its date of issuance.

The amendment revises the Technical Specifications to establish operating limits for TMI-1 as reloaded for cycle 2 operation based upon an acceptable Emergency Core Cooling System evaluation model conforming to the requirements of 10 CFR 50.46, and terminates the operating restrictions imposed by the Commission's December 27, 1974 Order for Modification of License.

The applications for the amendment comply 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. Notices of Proposed Issuance of Amendment to Facility Operating License in connection with this action were published in the FEDERAL REGISTER on September 30, 1975 (40 F.R. 44896) and March 8, 1976 (41 F.R. 9938). No request for a hearing or petition for leave to intervene was filed following notice of the proposed action.

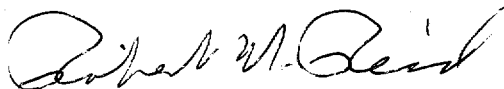
The Commission has prepared an environmental impact appraisal for the revised Technical Specifications and has concluded that an environmental impact statement for this particular action is not warranted because there will be no environmental impact attributable to the action other than that which has already been predicted and described in the Commission's Final Environmental Statement for the Three Mile Island Nuclear Station, Unit No. 1, issued in December 1972, and that a negative declaration to this effect is appropriate.

For further details with respect to this action, see (1) the applications for amendment dated August 8, 1975, as supported by filings dated July 9 and 15, 1975, and October 23, 1975; and January 13, 1976, as amended February 11, 1976, and April 2, 1976, and supported by filings dated January 23, 1976, April 5 and 8, 1976, (2) Amendment No. 17 to License No. DPR-50, (3) the Commission's related Safety Evaluation, and (4) the Commission's Environmental Impact Appraisal. 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, Box 1601 (Education Building), Harrisburg, Pennsylvania.

A copy of items (2), (3), and (4) 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 18th day of May 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Robert W. Reid".

Robert W. Reid, Chief  
Operating Reactors Branch #4  
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Metropolitan Edison Company

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

APPRAISAL OF CHANGES IN THE ENVIRONMENTAL TECHNICAL SPECIFICATIONS (APPENDIX B)  
FOR THREE MILE ISLAND NUCLEAR STATION UNIT NO. 1

Two typographical errors in Table 3 have been corrected.

Wording modifications have been made to reflect the actual pH ranges of the intake water and of the Susquehanna River.

The requirement for submission of non-routine written reports within one week has been changed to two weeks to conform with the same requirement in Appendix A to License No. DPR-50.

Wording changes have been made in various sections relating to the operation of the mechanical draft cooling towers to clarify the purpose of the automatic mode of operation.

Title changes have been made to reflect the current status of the plant's organizational chart. These changes reflect changes in organizational titles and do not affect the administrative control of the facility and are acceptable.

Figures 1-7 relating to the location of monitoring stations have been revised to convert to the use of polar coordinates. Table 2A has been added to explain the polar coordinate system.

The location of plant pathology transects used to evaluate cooling tower drift has been added to clarify this program.

The area designated for sampling vegetation to study cooling tower drift (Figure 2) has been relocated from the former, near-by, location that is now being tilled by the owner. This relocation will not affect the results of this program.

The locations of air particulate samplers that monitor northerly drift from the plant have been changed to cleaner environs and to provide better quality control. These relocations will not affect the effectiveness of these stations.

Air monitors at Marietta and North York substations are redesignated "background" rather than "indicator" stations because of their distance from the plant. There will be no change in sampling frequency, sensitivity, or direction of measurement.

The water background monitoring station will be transferred from Harrisburg to Steelton to take advantage of an existing and improved sampler. This relocation will not affect the effectiveness of this monitor.

The frequency for sampling aquatic vegetation has been qualified to reflect the availability of samples. The purpose of this surveillance will not be affected because samples will be taken when available. The frequency of sampling is acceptable.

References in the objective statement to the measurement of "dissolved oxygen" as part of the nonradiological monitoring program have been deleted since the technical specifications do not call for such a measurement.

The requirement to sample indicator aquatic organisms has been modified so that either benthic or floating macroinvertebrates are collected. This change reflects the greater importance of benthic organisms and will not affect the purpose of the requirement.

The frequency for making a cow census has been changed from twice per year to once per year. This change recognizes that one census during the midpoint of the grazing season is sufficient to detect changes in the population of cows in the environs of the plant.

The intent of the requirements to monitor vegetational-type samples has been clarified by substitution of the term "vegetational-type" for "vegetation."

The wording of the specification related to the temperature differential of the condenser cooling water has been changed to clarify the intent of this specification.

The removal of a thermoluminescent dosimeter (TLD) from the Hummelstown air sampling location has been approved. The effectiveness of this surveillance program will not be changed because the licensee has four more TLD's at equivalent distances from the plant.

The sensitivities for measuring Iodine-131, Strontium-89, and Strontium-90 have been decreased to achieve attainable limits. The new limits for strontium are now based on those of Regulatory Guide 4.8. The decrease of iodine sensitivity by a factor of five will permit more reliable results to be obtained without affecting the purpose of the sampling program.

Dated: July 23, 1976