

METROPOLITAN EDISON COMPANY
JERSEY CENTRAL POWER & LIGHT COMPANY

AND

PENNSYLVANIA ELECTRIC COMPANY

THREE MILE ISLAND NUCLEAR STATION UNIT 1

DOCKET NO. 50-289
OPERATING LICENSE NO. DPR-50
TECHNICAL SPECIFICATION CHANGE REQUEST NO. 10

This Technical Specification Change Request is submitted in support of Licensee's request to change Appendix B to Operating License No. DPR-50 for Three Mile Island Nuclear Station Unit 1. As a part of this request, proposed replacement pages for Appendix B are also included.

ATTEST:

METROPOLITAN EDISON COMPANY

By Signed-R. C. ARNOLD
Vice President-Generation

Sworn and subscribed to me this 7th day of May, 1975.

Rita Powers
Notary Public

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THREE MILE ISLAND NUCLEAR STATION UNIT 1
OPERATING LICENSE NO. DPR-50
DOCKET NO. 50-289

Technical Specification Change Request No. 10

License requests that the following changes be made to Appendix B of Technical Specifications. A copy of proposed changed pages marked "Change Request No. 10" is attached.

Page 7, 2.2.1.b. In the second line, change "first year" to "first two years".

Page 7, 2.2.1, Monitoring Requirement, Specification. In the first line of the second paragraph, change "one year" to "two years".

Page 8, 2.2.1, Monitoring Requirement Specification. In the sixteenth and twentieth lines, change "one year" to "two years".

Reason for Proposed Change

Specification 2.2.1.b provides for a 90-day period for chlorination testing during the first year of operation. Although TMI-1 received its Operating License in April 1974, it did not achieve Commercial Operation until September 1974. Accordingly, the first period of full-power, summer operations, the most effective for chlorination testing, falls in Summer 1975, after one year of the issuance of the Operating License.

Environmental Analysis Justifying Change

The current environmental technical specifications provide for the 90-day chlorination testing period. As the proposed change does not increase the amount of chlorine permitted nor increase the duration of the testing period, it does not involve an unreviewed environmental impact nor an unreviewed safety question.

Cost-Benefit Analysis

The change results in no additional costs and provides substantial benefits in permitting testing to take place during the most effective period in terms of unit operating and ambient weather conditions.

1459 132

2.0 LIMITING CONDITIONS FOR OPERATION

2.2 Chemical

2.2.1 Chlorine

Objective

The purpose of this specification is to limit the discharge of chlorine to levels which are not harmful to the biota in the Susquehanna River.

Specification

- a. The total chlorine concentration, as measured at the plant river discharge, shall not exceed 0.2 ppm and the free chlorine component shall be less than 0.1 ppm except as discussed in b. below.
- b. For one consecutive 90 day period during the first two years of plant operation, the total residual chlorine concentration measured at the plant river discharge shall not exceed 0.5 ppm. The starting date for this 90 day period will be selected by the Metropolitan Edison Company and the Director of the Regional Operations Office notified before its commencement.

Monitoring Requirement

Objective

The purpose of this specification is to ensure that the chlorine concentration at the plant river water discharge is monitored in such a way as to assure compliance with Specification 2.2.1.

Specification

The total chlorine concentration shall be monitored and recorded continually at the plant river water discharge and in the cooling tower blowdown. Instruments employing the amperometric principle or instruments employing another method of equivalent accuracy and standardized against the amperometric method shall be used. If the automated monitoring equipment at the plant river water discharge is out of service, an analysis for chlorine concentration will be made daily during a chlorination period. The analysis shall be performed on samples taken at 10, 30, and 50 minutes following the start of the chlorination period.

For a temporary period not exceeding two years, a reading of 1 ppm or less total residual chlorine

1459 133

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF

DOCKET NO. 50-289
OPERATING LICENSE NO. DPR-50

METROPOLITAN EDISON COMPANY

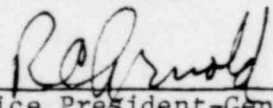
This is to certify that a copy of Technical Specification Change Request No. 10 to Appendix B of the Operating License for Three Mile Island Nuclear Station, Unit 1, dated May 7, 1975, and filed with the U.S. Nuclear Regulatory Commission on May 7, 1975, has this 7th day of May, been served on the chief executives of Londonderry Township, Dauphin County, Pennsylvania, and of Dauphin County, Pennsylvania, by deposit in the United States Mail, addressed as follows:

Mr. Weldon B. Arehart, Chairman
Board of Supervisors of
Londonderry Township
R.D. #1, Geyers Church Road
Middletown, Pennsylvania 17057

Mr. Charles P. Hoy, Chairman
Board of County Commissioners of
Dauphin County
Dauphin County Courthouse
Harrisburg, Pennsylvania 17120

METROPOLITAN EDISON COMPANY

By


Vice President-Generation

1459 134