

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF

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

METROPOLITAN EDISON COMPANY

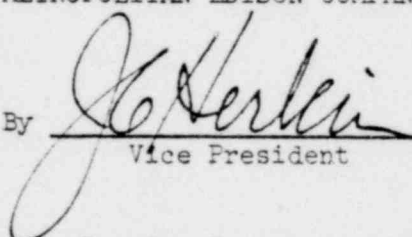
This is to certify that a copy of Technical Specification Change Request No. 57 to Appendix A of the Operating License for Three Mile Island Nuclear Station Unit 1, has, on the date given below, been filed with the U. S. Nuclear Regulatory Commission and been served on the chief executives of Londonderry Township, Dauphin County, Pennsylvania and Dauphin County, Pennsylvania by deposit in the United States mail, addressed as follows:

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

Mr. Harry B. Reese, Jr.
Board of County Commissioners
of Dauphin County
Dauphin County Court House
Harrisburg, Pennsylvania 17120

METROPOLITAN EDISON COMPANY

By


Vice President

Dated: November 15, 1977

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METROPOLITAN EDISON COMPANY
JERSEY CENTRAL POWER & LIGHT COMPANY

AND

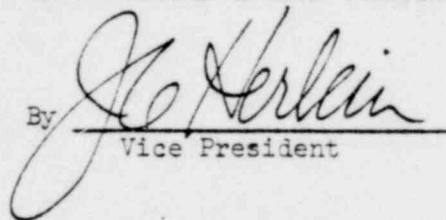
PENNSYLVANIA ELECTRIC COMPANY
THREE MILE ISLAND NUCLEAR STATION UNIT 1

Operating License No. DPR-50
Docket No. 50-289
Technical Specification Change Request No. 57

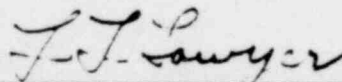
This Technical Specification Change Request is submitted in support of Licensee's request to change Appendix A to Operating License No. DPR-50 for Three Mile Island Nuclear Station Unit 1. As a part of this request, proposed replacement pages for Appendix A are also included.

METROPOLITAN EDISON COMPANY

By


Vice President

Sworn and subscribed to me this 15th day of November, 1977.



Notary Public

NOTARY PUBLIC
Reading, Berks County, Pa.
My Commission Expires Nov. 19, 1979

1584 004

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289

Technical Specification Change Request No. 57

The licensee requests that the attached changed pages replace pages 6-20 - 6-25 of the existing Technical Specifications. The licensee also requests that this change, should it be approved by the Commission, become effective on December 29, 1977.

Reasons for Change Request

10 CFR 20.103 (f) requires that respiratory protection programs shall meet the requirements of Reg. Guide 8.15, by December 29, 1977. Therefore, the details of our respiratory protection program contained in the Technical Specification are to be replaced with a statement committing us to Reg. Guide 8.15 as of December 29, 1977.

Safety Analysis Justifying Change Request

1. Committing to Reg. Guide 8.15 assures that the respiratory protection program is at least equivalent to that as outlined in the Technical Specifications. Therefore, neither the probability of occurrence nor the consequences of an accident or malfunction of equipment important to safety and previously evaluated in the safety analysis report is increased.
2. The possibility for an accident or malfunction of a different type than any evaluated previously in the safety analysis report is not created by the proposal. The change creates no potential for an accident which was not studied in the FSAR.
3. The margin of safety as defined in the basis for any technical specification is not reduced by this proposal in that, no other section of the Technical Specifications is affected by this change.

- g. Records of training and qualification for present members of the plant staff.
- h. Records of in-service inspections performed pursuant to these Technical Specifications.
- i. Records of quality assurance activities required by the OQA Plan.
- j. Records of reviews performed for changes made to procedures or equipment or reviews of tests and experiments pursuant to 10 CFR 50.59.
- k. Plant Operations Review Committee and General Office Review Board Minutes.

6.11 RADIATION PROTECTION PROGRAM

Procedures for personnel radiation protection shall be prepared consistent with the requirements of 10 CFR Part 20 and shall be approved, maintained and adhered to for all operations involving personnel radiation exposure.

6.11.1 Supervisor-Radiation Protection & Chemistry

The Supervisor-Radiation Protection and Chemistry shall have a bachelor's degree or equivalent in an engineering or scientific subject. The following are equivalent to the bachelor's degree: (a) 4 years of formal schooling in science or engineering (b) 4 years of applied radiation protection experience at a nuclear facility (c) 4 years of operational or technical experience/training in nuclear power (d) any combination of the above totaling 4 years. In addition to the above requirements, he should have a minimum of five years of power station or applicable industrial experience in design, construction, startup, operations, maintenance, or technical services, of which a minimum of one year shall be nuclear experience.

6.11.2 Radiation Protection Supervisor

The Radiation Protection Supervisor shall have a minimum of five years of experience in applied radiation protection at a nuclear facility at the foreman and/or supervisory level. In addition he should have a minimum of two years of related technical training.

Bases

The combined qualifications of the Supervisor-Radiation Protection and Chemistry and the Radiation Protection Supervisor are equivalent to those requirements stated in Reg. Guide 1.8 for the Radiation Protection Manager.

6.12 RESPIRATORY PROTECTION PROGRAM

The Respiratory Protection Program shall meet the requirement of Reg. Guide 8.15, October 1976, "Acceptable Program for Respiratory Protection".

Page 6-21 deleted.

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6.12 HIGH RADIATION AREA

- 6.12.1 In lieu of the "control device" or "alarm signal" required by paragraph 20.203(c)(2) of 10 CFR 20:
- a. Each High Radiation area (100 mrem/h or greater) in which the intensity of radiation is 1000 mrem/h or less shall be barricaded and conspicuously posted as a high radiation area, and entrance thereto shall be controlled by requiring issuance of a Radiation Work Permit. Any individual or group of individuals permitted to enter such areas shall be provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area.
 - b. Each High Radiation Area in which the intensity of radiation is greater than 1000 mrem/hr shall be subject to the provisions of 6.13.1(a) above, and in addition locked doors shall be provided to prevent unauthorized entry into such areas and the keys shall be maintained under the administrative control of the Radiation Protection Supervisor/Foreman or the Shift Foreman on duty.

Pages 6-23 to 6-25 deleted.

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