

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. 63

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.

METROPOLITAN EDISON COMPANY

By *Jo Kerlein*
Vice President

Sworn and subscribed to me this 12th day of July, 1977.

Rita M. Powers
Notary Public

RITA M. POWERS
Notary Public, Muhlenberg Twp., Berks Co.
My Commission Expires September 30, 1978

1480 235

7910290 764

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF

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

METROPOLITAN EDISON COMPANY

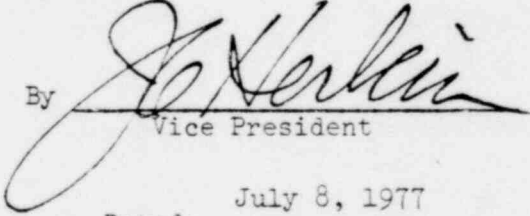
This is to certify that a copy of Technical Specification Change Request No. 63 to Appendix B of the Operating License for Three Mile Island Nuclear Station Unit 1, has, on the date given below, been filed with the U. S. Nuclear Regulatory Commission and been served on the chief executives of Londonderry 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: July 8, 1977

1480 236

Three Mile Island Nuclear Station Unit I
Operating License No. DPR-50
Docket No. 50-289

Technical Specification Change Request No. 63

The licensee requests that the attached changed pages replace pages i, ii, v, 39-49 of the Environmental Technical Specification.

Reasons For Change Request

The termination dates, for the sections to be deleted, have been reached and Metropolitan Edison requested a discontinuation of the programs.

Environmental Analysis Justifying Change

The programs, as stated in the Environmental Technical Specifications have been completed.

Cost/Benefits Analysis Supporting Change

The cost saving for the elimination of the programs is approximately \$150,000.

ENVIRONMENTAL TECHNICAL SPECIFICATIONS

TABLE OF CONTENTS

	<u>Page</u>
List of Tables.....	iv
List of Figures.....	v
1.0 DEFINITIONS.....	1
2.0 LIMITING CONDITIONS FOR OPERATION.....	2
2.1 Thermal.....	2
2.2 Chemical.....	7
2.2.1 Chlorine.....	7
2.2.2 Suspended and Dissolved Solids.....	10
2.2.3 pH.....	13
2.3 Radioactive Discharges.....	14
2.3.1 Liquid Effluents.....	14
2.3.2 Gaseous Effluents.....	23
3.0 DESIGN FEATURES AND OPERATING PRACTICES.....	35
3.1 Operation of Mechanical Draft Cooling Tower.....	35
3.2 Chemical Usage.....	36
3.2.1 Water Treatment.....	36
3.2.2 Sulfuric Acid for Cooling Tower Circuits.....	37
3.2.3 Concentration of Naturally Occurring Salts.....	37
3.2.4 Chlorination.....	37
3.2.5 Sanitary Wastes.....	38
3.2.6 Solid Wastes.....	38
4.0 ENVIRONMENTAL SURVEILLANCE AND SPECIAL STUDIES.....	39

4.0 ENVIRONMENTAL SURVEILLANCE AND SPECIAL STUDIES

Pages 40 - 48 deleted

1480 239

4.4 ENVIRONMENTAL RADIOLOGICAL MONITORING

Objective

An environmental radiological monitoring program shall be conducted to verify that radioactive releases are within allowable limits and that station operations have no detrimental effect on the environment.

Specifications

- a. Environmental samples shall be collected and analyzed according to Table 3 at the locations presented in Figures 3,4, 5, 6 and 7.
- b. Reports shall be submitted in accordance with the requirements of Section 5.6 (Plant Reporting Requirements).
- c. During the seasons that animals producing milk for human consumption are on pasture, samples of fresh milk will be obtained monthly from these animals at locations presented in Table 3 and analyzed for their radioiodine content, calculated as iodine-131. Analysis will be carried out within eight days (one I-131 half-life) of sampling. Suitable analytical procedures will be used to determine the radioiodine concentration to a sensitivity of 0.5 picocurie per liter of milk at the time of sampling. For activity levels at or above 0.5 picocurie per liter, the overall error (one sigma confidence level) of the analysis will be within $\pm 25\%$. Results

(continued on Page 57)

1480 240