METROPOLITAN EDISON COMPANY
SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION
POST OFFICE BOX 542 READING, PENNSYLVANIA 19603 TELEPHONE 215 – 929-3601

March 29, 1974

Dr. D.F. Knuth, Director
Directorate of Regulatory Operations
United States Atomic Energy Commission
Washington, D.C. 20545

Subject: Three Mile Island Nuclear Station Unit I
Docket No. 50-289
Nuclear Service River Water (NSRW) Pump Failure

Dear Dr. Knuth:

You were notified on March 4, 1974, of a situation which may be considered reportable under 10CFR50.55(e), "Conditions of Construction". This situation related to the failure of NSRW Pump "A".

DESCRIPTION OF INCIDENT

During the Hot Functional Test Sequence, the subject pump experienced a mechanical failure. This failure consisted of pump shaft fracture in the pump-motor shaft coupling area. An alternate pump was activated and the Hot Functional Test Sequence resumed without further operating difficulties or apparent damages.

CORRECTIVE ACTION TAKEN

The subject pump was dismantled for inspection and engineering review. In addition to pump shaft fracture, it was found that the shaft coupling key was sheared and the motor support brackets cracked.

The motor and pump have been returned to their respective vendors for complete inspection and repair as required. Following their engineering review, changes will be incorporated as required. When the results of the manufacturer's evaluation are received, they will be available for your review of the Three Mile Island Site.

Very truly yours,

J. G. Miller

1587 255

J. G. Miller
Vice President

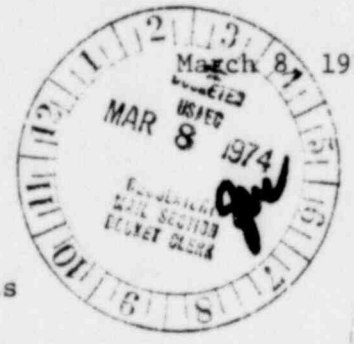
JGM:bl

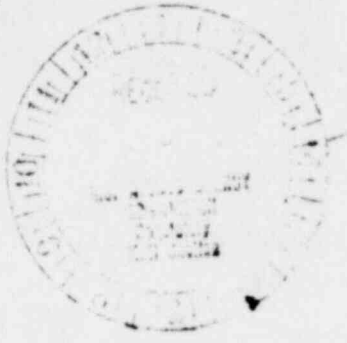
7911040149

Regulatory File Cy.

METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603 TELEPHONE 215 – 929-3601





March 8, 1974

Mr. A. Giambusso
Deputy Director for Reactor Projects
Office of Regulation
U. S. Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Giambusso:

SUBJECT: THREE MILE ISLAND NUCLEAR STATION
UNIT 1
DOCKET NO. 50-289
AMENDMENT NO. 46

Attached are the remaining 80 copies of Amendment 46 to the Operating License for Three Mile Island Nuclear Station Unit 1. This supplements the official filing of Amendment 46 dated March 1, 1974.

Very truly yours,

J. G. Miller
Vice President

Attachments

1587 256

1691

UNITED STATES OF AMERICA

ATOMIC ENERGY COMMISSION

IN THE MATTER OF)

) DOCKET NO. 50-289

METROPOLITAN EDISON COMPANY)

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment 46 to the Application for Construction Permit and Operating License for Three Mile Island Nuclear Station Unit 1, dated March 1, 1974, and filed with the United States Atomic Energy Commission on March 1, 1974, has this first day of March, 1974 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:

Dr. Edward O. Swartz, Chairman
Board of Supervisors of Londonderry Township
Township Building
R. D. 1, Geyers Church Street
Middletown, Pennsylvania 17057

and

Mr. Charles P. Hoy, Chairman
Board of County Commissioners of Dauphin County
Dauphin County Court House
P. O. Box 1295
Harrisburg, Pennsylvania 17108

METROPOLITAN EDISON COMPANY

By _____
Vice President

1587 257