

FROM: Metropc Edison Company  
Reading Pennsylvania 19603  
J. G. [redacted]

DATE OF DOCUMENT  
2-10-70

DATE RECEIVED  
2-12-70

NO.: 431

LTR. MEMO: CRT: OTHER:

X

TO: Dr Peter A. Morris

ORIG.: 1 CC: OTHER:

ACTION NECESSARY ☐ CONCURRENCE ☐ DATE ANSWERED  
NO ACTION NECESSARY ☐ COMMENT ☐ BY:

CLASSIF: POST OFFICE

FILE CODE:

50-289

REG. NO:

DESCRIPTION: (Must Be Unclassified)  
Ltr submitting in response to our  
10-23-69 ltr addl info on tests &  
evaluation of the reactor bldg fan  
cooler, emergency cooling coil, cooler  
housing, motor & motor  
components.

REFERRED TO DATE RECEIVED BY DATE

Long 2-12-70  
w/4 cys for action

DISTRIBUTION:

Regulatory file

DTIE (Laughlin)

AEC PDR

NSIC (Buchanan)

Compliance (2)

OGC (Rm P 506 A)

Dube/Levine

T. R. Wilson

Boyd

D. Thompson

DO NOT REMOVE

Rosen

ACKNOWLEDGED

Moore

Hove

Dromerick (2)

431

Case (Reading File)

fod

REMARKS:

POOR ORIGINAL

1491 076

7910300 513

A



METROPOLITAN EDISON COMPANY

SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

February 10, 1970

Dr. Peter A. Morris, Director  
Division of Reactor Licensing  
United States Atomic Energy Commission  
Washington, D.C. 20545

Dear Dr. Morris:

Regulatory

File Cy.

Subject: Three Mile Island Nuclear Station  
Unit 1 - Docket No. 50-289  
Reactor Building Fan Coolers

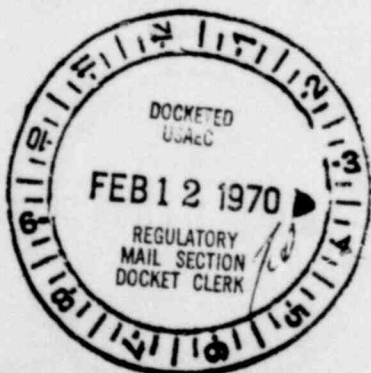


Your letter of October 23, 1969 to Metropolitan Edison Company requested additional information on tests and evaluations of the reactor building fan cooler emergency cooling coil, cooler housing, motor, and motor components.

Factory performance tests of components under simulated emergency conditions have been run. Tested components include the emergency cooling coil, housing, relief dampers, motor insulation, motor shaft seal, and fan/motor combination. The results of these tests are presently being compiled into a topical report. A summary of the pertinent tests follows:

- A. Cooling Capacity of Coil Housing at Post-Accident Conditions.
- B. Relief Valve Test Program.
- C. Recirculation Fan and Motor Test.
- D. Motor Seal Test.
- E. Testing Electrical Insulation for Use in Gamma-Ray Fields.

The Final Safety Analysis Report for this docket, which is to be filed in the near future, will be amended to include these reports. A completion date for the filing of the reports is estimated to be during the third quarter of 1970.



Very truly yours,

J. G. Miller  
Vice President and Chief Engineer

1491 077 431

A