



ENCLOSURE 1
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DO NOT REMOVE

JUL 20 1979

Docket No.: 50-320

Mr. J. G. Herbein
Vice President
Metropolitan Edison Company
P. O. Box 542
Reading, Pennsylvania 19603

Dear Mr. Herbein:

The Commission has issued the enclosed Order for Modification of License which suspends Facility Operating License No. DPR-73 to operate Three Mile Island Nuclear Station, Unit 2. The Order further requires maintenance of the facility in a shutdown condition in accordance with approved operating and contingency procedures.

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script, appearing to read "L. S. Rubenstein".

L. S. Rubenstein, Acting Chief
Light Water Reactors Branch No. 4
Division of Project Management

Enclosure:
As stated

cc: See next page

Metropolitan Edison Company

ccs:

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Metropolitan Edison Company

ccs (continued)

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
METROPOLITAN EDISON COMPANY, ET AL.) Docket No. 50-320
)
(Three Mile Island Nuclear Station,)
Unit 2))

ORDER FOR MODIFICATION OF LICENSE

I.

Metropolitan Edison Company, Jersey Central Power and Light Company and Pennsylvania Electric Company (the licensee) are the holders of Facility Operating License No. DPR-73, which authorizes operation of the Three Mile Island Nuclear Station, Unit 2 at power levels up to 2772 megawatts thermal. The facility, which is located in Londonderry Township, Dauphin County, Pennsylvania, is a pressurized water reactor used for the commercial generation of electricity.

II.

On March 28, 1979, an accident at the Three Mile Island Nuclear Station Unit 2 resulted in substantial damage to the reactor core and to certain reactor systems and components. The facility is not capable of operation and is in a shutdown condition with fuel in the core. Although many systems and components were damaged or have subsequently failed, the facility is now in a safe and stable cooling condition. The stable, long-term cooling condition is currently being maintained in accordance with approved operating and contingency procedures, with decay heat being removed by natural convection

circulation of primary coolant through the core with heat rejection through the "A" steam generator. The "A" steam generator is producing steam which is condensed in the condenser and recirculated to the "A" steam generator. An alternate means of removing decay heat from the primary coolant is through the "B" steam generator. The steam side of the "B" steam generator has been modified to provide a water solid, closed loop cooling system which is in turn cooled by the secondary services closed cooling water system. Either steam generator cooling mode is adequate to remove decay heat from the primary coolant. If natural circulation cooling of the core should be lost, contingency plans and procedures have been prepared and approved for alternate means of providing long-term core cooling. These alternate core cooling means include forced circulation of the primary coolant using the reactor coolant pumps or decay heat removal pumps.

III.

The facility operating license is being reviewed and a detailed evaluation of the license modifications necessary to reflect the present condition of the facility and to assure the continued maintenance of the current safe, stable, long-term cooling condition of the facility, is being prepared. This evaluation will be set forth in a forthcoming Safety Evaluation which will address the imposition of new and/or revised Technical Specifications setting forth appropriate license conditions. It is expected that this effort will be completed in about 30 days at which time a further Order will be issued.

Pending completion of the review and evaluation, it is appropriate to limit activities at the facility to maintenance of the reactor in its present condition. Furthermore, because of the current condition of the plant, the public health, safety and interest require that this suspension be effective immediately.

IV.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the Commission's Rules and Regulations in 10 CFR Parts 2 and 50, IT IS ORDERED THAT:

- (1) The authority provided by Facility Operating License No. DPR-73 to operate Three Mile Island Nuclear Station, Unit 2, is hereby suspended, effective immediately.
- (2) Pending further amendment of the Facility Operating License, the licensee shall maintain the facility in a shutdown condition in accordance with the approved operating and contingency procedures for the facility.

In view of the further action to be taken with respect to this facility, the time within which the licensee may file an answer and any person whose interest may be affected by this Order may request a hearing in this matter, shall be as provided by the subsequent Order identified in Part III above.

FOR THE NUCLEAR REGULATORY COMMISSION



Harold R. Danton, Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this 20th day of July 1979



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUL 25 1979

Docket No. 50-320

MEMORANDUM FOR: Domenic B. Vassallo, Acting Director
Division of Project Management

FROM: Daniel R. Muller, Acting Director
Division of Site Safety and Environmental Analysis

SUBJECT: TRANSFER OF THREE MILE ISLAND, UNIT 2, TO OPERATING
REACTORS

We understand that you are planning to transfer Three Mile Island, Unit 2, from DPM to DOR; this memorandum should be attached as an enclosure to your transfer memorandum to effect transfer of the environmental review responsibility from Environmental Projects Branch 2 to Operating Reactors. This transfer of environmental responsibility is to be effective as of the date of your transfer memo.

There are no uncompleted environmental review tasks for which we will retain responsibility.

At the time of transfer of responsibility, I & E, OMPA, and others on distribution for this memo should be notified of the following changes:

	<u>From</u>	<u>To</u>
Environmental Project Manager	J. Norris	It is our understanding that no OR assignments have yet been made.
Branch Chief	D. Sells	
Assistant Director	W. Regan	
Licensing Assistant	M. Duncan	

Daniel R. Muller

Daniel R. Muller, Acting Director
Division of Site Safety and
Environmental Analysis