



11B Response
Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057

Writer's Direct Dial Number

October 23, 1981
LIL 290

Office of Inspection and Enforcement
Attn: W. C. Haynes, Director
Region
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Response to IE Bulletin 80-06

GPU Nuclear responded to the subject bulletin on July 2, 1980 (TLL 293) and November 7, 1980 (TLL 547). Our response indicated that the valves listed in the TLL 293 would not remain in their emergency mode position upon reset of the containment isolation signal. Further investigations revealed, as noted in TLL 547, that the valves will be in their emergency mode position upon isolation signal reset. This has been confirmed by engineered safeguards actuation component test.

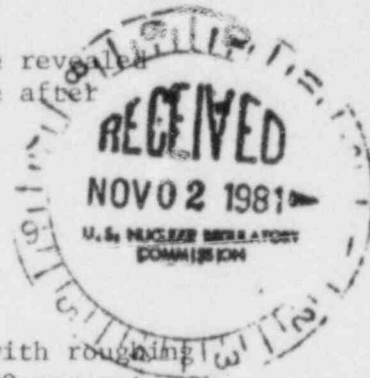
Further review of elementary diagrams and the test results have revealed that the following components will not be in the emergency mode after Engineered Safeguards (ES) actuation signal is reset.

AH-E 15A / B Nuclear Service Closed Cooling and
Decay Heat Pumps Cooling Fans

AH-E 27A / B Screen House Air Handling Fans

Components AH-E 15A, 15B, include two air handling units each with roughing filters, centrifugal fans, and cooling coils. Each unit has 100 percent capacity.

The functions of the screen house air handling fan, AH-E 27A, 27B is to remove building internal heat under normal operating conditions. Two air handling units are provided, one being a standby. Each unit has the capacity to filter, cool and recirculate the air within the building.



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For normal operation only one supply fan is operated at a time i.e. AH-E-15A or B and AH-E-27A or B. The fans will receive a signal to start automatically on ES actuation.

Upon reset of ES actuation signal the fans, which are normally not running, will stop. However, normally running fans will keep on running. Reset of ES actuation signal does not adversely affect the system as AH-E-15A or B and AH-E-17A or B are designed for 100 percent capacity. If a fan on normal select mode trips, it will be annunciated in the control room.

It is planned to revise the circuitry so as the fans will remain in their emergency position after reset of the actuation signal. This modification shall be designed and installed by the first refueling outage after restart of TMI-Unit 1.

Sincerely,


H. D. Hukill
Director, TMI-1

HDH:LWH:vjf

cc: J. F. Stolz
R. Jacobs
L. Barrett

METROPOLITAN EDISON COMPANY
JERSEY CENTRAL POWER AND LIGHT COMPANY
PENNSYLVANIA ELECTRIC COMPANY
THREE MILE ISLAND NUCLEAR STATION, UNIT 1

Operating License No. DPR-50
Docket No. 50-289

This letter is submitted in support of the Nuclear Regulatory Commission request concerning the March 13, 1981 letter transmitting IE Bulletin 80-06 and is a revision of our July 2, 1980, November 7, 1980 and February 25, 1981 letters. The revised response to the subject bulletin is contained in the cover letter attached. Further, all statements contained in these responses have been reviewed and all such statements made and matters set forth therein are true and correct to the best of my knowledge, information and belief.

By *HS Hubil*
Director, TMI-1

Sworn and subscribed to me this 23RD day of October, 1981.

By *Pamela Joy Lubrecht*
Notary Public

PAMELA JOY LUBRECHT, Notary Public
Middletown, Dauphin County, Pa.
My Commission Expires August 29, 1983

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SECTION 1
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