8005050330

LIMITING CONDITIONS FOR OPERATION

#### 3.8 ELECTRICAL POWER SYSTEMS

#### 3.8.1 A.C. SOURCES

3.8.1.1 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. Two physically independent circuits between the offsite transmission network and the onsite Class IE distribution system.
- b. Two separate and independent Class IE diesel generators each with:
  - A separate day fuel tank containing a minimum volume of 500 gallons of fuel.
    - A separate fuel storage system containing a minimum volume of 19,000 gallons of fuel.
    - 3. A separate fuel transfer pump.

#### APPLICABILITY: RECOVERY MODE.

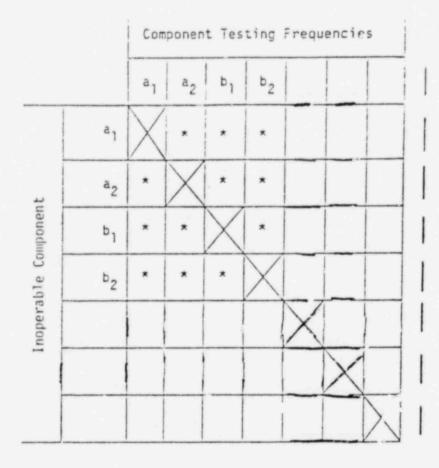
ACTION:

With either an offsite circuit or diesel generator of the above 3. required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1 and 4.8.1.1.2.a.4 in accordance with the applicable row in the Testing Frequency Matrix of Table 3.8-1; restore the full complement of the above required A.C. electrical power sources to OPERABLE status within 72 hours, except when performing the Annual Preventive Maintenance Outage at which time 7 days shall be allowed. With one offsite circuit and one diesel generator or two offsite b. circuits or two diesel generators of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1 and 4.8.1.1.2.a.4 in account in accordance with the applicable two rows in the Testing Frequency Matrix of Table 3.8-1; restore at least one of the inoperable sources to OPERABLE status in accordance with the Restoration Time Matrix of Table 3.8-2. Restore the full complement of the above required A.C. electrical power sources to OPERABLE status within 72 hours from the time of initial loss.

THREE MILE ISLAND - UNIT 2

# TABLE 3.8-1

### TESTING FREQUENCY MATRIX



Key: \*Within 4 hours and every 2 hours thereafter

al Offsite power circuit No. 1° al Offsite power circost No. 2 bl Class 1E diesel generator (Red) bl Class 1E diesel generator (Green)

THREE MILE ISLAND - UNIT 2 3.8-2

# TABLE 3.8-2

# RESTORATION TIME MATRIX

		Restore One Component (Hours)	Restore Other Component (Hours)
Combination of Two Inoperable Components	68	24	72
	ab	12	72
	dd	12	72
	•		

Note:

:

1.1

a and b above correspond to components described in Specification 3.8.1.1 items a and b respectively.

THREE MILE ISLAND - UNIT 2 3.8-3



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Metropolitan Edison Company Post Office Box 480 Middletown, Pennsylvania 17057 717 944-4041

Writer's Direct Dial Number

April 28, 1980 TLL 186

Mr. Donald Hoover, Chairman Board of Supervisors of Londonderry Township R. D. #1, Geyers Church Road Middletown, PA 17057

Dear Mr. Hoover:

Enclosed please find one copy of Technical Specification Change Request No. 22 to Appendix A of the Operating License for Three Mile Island Nuclear Station Unit 2.

This request was filed with the U. S. Nuclear Regulatory Commission on the above date.

Very truly yours,

/s/ R. C. Arnold

R. C. Arnold Sr. Vice President

RCA:1h

Enclosure



Metropolitan Edison Company Post Office Box 480 Middletown, Pennsylvania 17057 717 944-4041

Writer's Direct Dial Number

April 28, 1980 TLL 186

Mr. John E. Minnich, Chairman
Board of County Commissioners of Dauphin County
P. O. Box 1295
Harrisburg, Pennsylvania 17120

Dear Mr. Minnich:

Enclosed please find one copy of Technical Specification Change Request No. 22 to Appendix A of the Operating License for Three Mile Island Nuclear Station Unit 2.

This request was filed with the U. S. Nuclear Regulatory Commission on the above date.

Very truly yours,

/s/ R. C. Arnold

R. C. Arnold Sr. Vice President

RCA:1h

Enclosure