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Telephone: 717-944-7621

10CFR50.90

March 14, 2001
5928-01-20078

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Dear Sir/Madam:

SUBJECT: THREE MILE ISLAND, UNIT 1 (TMI UNIT 1)
OPERATING LICENSE NO. DPR-50
DOCKET NO. 50-289
ADDITIONAL INFORMATION - TECHNICAL SPECIFICATION CHANGE
REQUEST (TSCR) NO. 296, EMERGENCY DIESEL GENERATOR MAINTENANCE

This letter is in response to a verbal request from the NRC regarding October 20, 2000 AmerGen submittal of TSCR No. 296 regarding changes to Technical Specification (TS) Section 4.6.1, "Diesel Generators," to extend the annual inspection frequency to every 24 months. In a conference call with the NRC on March 7, 2001, AmerGen committed to provide clarification of our commitment in TSCR No. 296 regarding the recommendations from the manufacturer and the Fairbanks Morse Owners Group. Enclosed is a revised TS page incorporating this additional detail. AmerGen has concluded that this clarification does not constitute a change to the previously supplied significant hazards consideration analysis. Pursuant to 10 CFR 50.91(b)(1), a copy of this supplement is being provided to the designated official of the Commonwealth of Pennsylvania, Bureau of Radiation Protection, as well as the chief executives of the township and county in which the facility is located.

Very truly yours,



Mark E. Warner
Vice President, TMI Unit 1

MEW/mrk

Enclosure: (1) Revised Technical Specifications Page

cc: USNRC Administrator, Region I
USNRC TMI Senior Resident Inspector
USNRC TMI Unit 1 NRC Project Manager
Chairman, Board of Supervisors of Londonderry Township
Chairman, Board of County Commissioners of Dauphin County
Pennsylvania Department of Environmental Resources, Bureau of Radiation Protection
File 00099

A001

ENCLOSURE 1

**TECHNICAL SPECIFICATION CHANGE REQUEST NO. 296
REVISED TECHNICAL SPECIFICATION PAGE**

4.6 EMERGENCY POWER SYSTEM PERIODIC TESTS

Applicability: Applies to periodic testing and surveillance requirement of the emergency power system.

Objective: To verify that the emergency power system will respond promptly and properly when required.

Specification:

The following tests and surveillance shall be performed as stated:

4.6.1 Diesel Generators

- a. Manually-initiate start of the diesel generator, followed by manual synchronization with other power sources and assumption of load by the diesel generator up to the name-plate rating (3000 kw). This test will be conducted every month on each diesel generator. Normal plant operation will not be effected.
- b. Automatically start and loading the emergency diesel generator in accordance with Specification 4.5.1.1.b/c including the following. This test will be conducted every refueling interval on each diesel generator.
 - (1) Verify that the diesel generator starts from ambient condition upon receipt of the ES signal and is ready to load in ≤ 10 seconds.
 - (2) Verify that the diesel block loads upon simulated loss of offsite power in ≤ 30 seconds.
 - (3) The diesel operates with the permanently connected and auto connected load for ≥ 5 minutes.
 - (4) The diesel engine does not trip when the generator breaker is opened while carrying emergency loads.
 - (5) The diesel generator block loads and operates for ≥ 5 minutes upon reclosure of the diesel generator breaker.
- c. Each diesel generator shall be given an inspection at least **every 24 months (with a 25% allowable grace period)** in accordance with **procedures prepared in conjunction with the applicable recommendations of the Fairbanks Morse Owners Group and those of the manufacturer** for this class of stand-by service.

4.6.2 Station Batteries

- a. The voltage, specific gravity, and liquid level of each cell will be measured and recorded:
 - (1) every 92 days
 - (2) once within 24 hours after a battery discharge < 105 V
 - (3) once within 24 hours after a battery overcharge > 150 V
 - (4) If any cell parameters are not met, measure and record the parameters on each connected cell every 7 days thereafter until all battery parameters are met.
- b. The voltage and specific gravity of a pilot cell will be measured and recorded weekly. If any pilot cell parameters are not met, perform surveillance 4.6.2.a on each connected cell within 24 hours and every 7 days thereafter until all battery parameters are met.
- c. Each time data is recorded, new data shall be compared with old to detect signs of abuse or deterioration.