

AUG 5 1981

Docket No. 50-320

Mr. Gale K. Hovey
Vice President and
Director of TMI-2
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Distribution:
Docket File 50-320
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PLynch

TPoindexter
I&E (3)
ACRS (16)
Service list
(see attach

Dear Mr. Hovey:

The NRC staff has reviewed your Recovery Operations Plan Change Request No. 7, dated June 15, 1981 (LL2-80-0160). The change request proposed that the number of air temperature indicators required to be operable at each of three elevations be modified from two to one to allow for existing system redundancy. You stated that this change allows more flexibility in scheduling maintenance in the event of indicator failure, and does not affect plant safety because the redundant temperature indicators on the same level do not vary more than two degrees.

Presently, Surveillance Requirement 4.6.1.5 requires two temperature indicators at each elevation. After performing a general review of the data points for the indicators, the staff has confirmed that only very minor temperature fluctuations occur between both detectors on the same elevation. Therefore, we have concluded that one detector reading per elevation will provide an adequate indication of temperature at that elevation with the second instrument available as a spare. We have therefore approved the proposed change in Surveillance Requirement 4.6.1.5 to indicate that only one temperature indicator is required at each elevation.

A copy of Change No. 6 to the Recovery Operation Plan is attached.

Sincerely,

Bernard J. Snyder, Program Director
TMI Program Office
Office of Nuclear Reactor Regulation

Enclosure:
As stated

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PDR ADOCK 05000320
P PDR

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|----------|------------|-----------|-----------|--|--|--|--|
| OFFICE | TMIPQ:NRR | TMIPQ:NRR | TMIPQ:NRR | | | | |
| SURNAMES | Poindexter | Rweller | BJSnyder | | | | |
| DATE | 8/3/81 | 8/4/81 | 8/5/81 | | | | |

SURVEILLANCE REQUIREMENTS

4.6 CONTAINMENT SYSTEMS

4.6.1 PRIMARY CONTAINMENT

CONTAINMENT INTEGRITY

4.6.1.1 Primary CONTAINMENT INTEGRITY shall be demonstrated:

- a. At least once per 31 days by verifying that:
 1. All accessible (per occupational exposure considerations) penetrations not required to be open per approved procedures during RECOVERY MODE are closed by valves, blind flanges, or deactivated automatic valves secured in their positions.
 2. The equipment hatch is closed and sealed.
- b. By verifying that each containment air lock is OPERABLE per Specification 3.6.1.3.

CONTAINMENT AIR LOCKS

4.6.1.3 Each containment air lock shall be demonstrated OPERABLE:

- a.* After each opening, except when the air lock is being used for multiple entries, then at least once per 72 hours, by verifying less than or equal to 0.01 L seal leakage when the volume between the door seals is stabilized to a pressure to 10 psig.
- b. At least once per 6 months by conducting an overall air lock leakage test at P, 56.2 psig, and by verifying that the overall air lock leakage rate is within its limit.

INTERNAL PRESSURE

4.6.1.4 The primary containment internal pressure shall be determined to within the limits at least once per 12 hours.

*Exemption to Appendix "J" of 10 CFR 50.

SURVEILLANCE REQUIREMENTS

AIR TEMPERATURE

4.6.1.5 The primary containment average air temperature shall be the arithmetical average of the temperatures at the following locations and shall be determined at least once per 24 hours:

Location

- a. RB nominal Elev. 350' (1 temperature indication)
- b. RB nominal Elev. 330' (1 temperature indication)
- c. RB nominal Elev. 305' (1 temperature indication)

4.6.4 COMBUSTIBLE GAS CONTROL

HYDROGEN ANALYZERS

4.6.4.1 The gas partitioner shall be demonstrated OPERABLE at least once per 31 days by performing a CHANNEL CALIBRATION using sample gases containing:

- a. One volume percent hydrogen, balance air.
- b. Four volume percent hydrogen, balance air.

HYDROGEN PURGE CLEANUP SYSTEM

4.6.4.3 The hydrogen purge cleanup system shall be demonstrated OPERABLE:

- a. At least once per 18 months or (1) after any structural maintenance on the HEPA filter or charcoal adsorber housings, or (2) following painting, fire or chemical release in any ventilation zone communicating with the system by:
 1. Verifying that the cleanup system satisfies the in-place testing acceptance criteria and uses the test procedures of Regulatory Positions C.5.a, C.5.c and C.5.d of Regulatory Guide 1.52, Revision 2, March 1978, and the system flow rate is 1000 cfm \pm 10%.
 2. Verifying a system flow rate of 1000 cfm \pm 10% during system operation when tested in accordance with ANSI N510-1975.
- b. At least once per 18 months by verifying that the pressure drop across the combined HEPA filters and charcoal adsorber banks is less than 6 inches Water Gauge while operating the system at a flow rate of 1000 cfm \pm 10%.

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