

November 26, 1982

SBN-387
T.F. B7.1.2

United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444
(b) USNRC Memorandum, dated October 14, 1982, "Notice of
Meeting Regarding Open Items in the Safety Review,"
J. D. Kerrigan to L. L. Wheeler

Subject: Response to Open Items (SRP 6.2.4, 6.2.5, 6.2.6; Containment
Systems Branch)

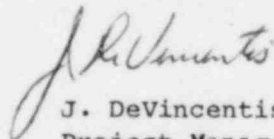
Dear Sir:

As a result of a recent meeting with the NRC Staff [Reference (b)], we
have enclosed responses to the subject open items.

The enclosed responses will be included in OL Application Amendment 48.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY


J. DeVincentis
Project Manager

ALL/fsf

cc: Atomic Safety and Licensing Board Service List

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SRP

SECTION

OPEN ITEM

6.2.4 Require Technical Specification on isolation of purge system.

Response: 1. The pre-entry and refueling purge system isolation valves are verified closed on a 31-day interval by Technical Specification 4.6.1.7.

 2. The next issue of the Technical Specification shall reflect a maximum usage limit for on-line purge. This limit shall be defined as 1000 hrs/yr.

6.2.4 Perform analysis of consequences of LOCA occurring while purging containment.

Response: Westinghouse shall perform this analysis. It will be available on or before 1-1-83.

6.2.5 Commit to actuate H₂ recombiners within 9.9 days of LOCA.

Response: NRC assumptions for calculation of H₂ production (per ANSI 56.1) shall be adopted in the UE&C analysis. The applicable FSAR Sections shall be revised accordingly.

6.2.6 Provide information on local leakage test (Type C) for isolation valves in the purge/vent system.

Response: At least once per 6 months each sealed closed (36 inch) containment purge supply and exhaust isolation valve shall be leak tested in accordance with Appendix J, Type C leak rate test requirements.

At least once per 3 months each (8 inch) containment purge supply and exhaust isolation valve shall be leak tested in accordance with Appendix J, Type C leak rate test requirements. Leak testing performed after operation of the purge system shall qualify as a scheduled test.

This accelerated test frequency shall be maintained for a period equivalent to the manufacturer's recommended life expectancy of the subject seals, or until significant seal degradation is experienced, whichever comes first. This data shall constitute the seal operability history. Once established, this history shall serve as a basis to relax the test frequency to normal Appendix J, Type C test requirements.

6.2.6 Provide justification for not locally leak testing secondary system containment isolation valves.

Response:

The containment penetrations associated with the steam generators are not subject to Appendix J, Type C testing since the containment barrier integrity is not breached. The barriers against fission product leakage to the environment are the steam generator tubes, the water column covering the tubes, and the steam generator shell and lines emanating from the steam generator shell.