Docket No. 50-245
B13739

Attachment 1

Millstone Nuclear Power Station, Unit No. 1

Proposed Revision to Technical Specifications
Integrated Leak Rate Test--Mass Point Method

February 1991

LIMITING CONDITION FOR OPERATION

3.7 CONTAINMENT SYSTEMS

3.7.A.3. Primary containment integrity, as defined in Section 1.0, shall be maintained at all times when the reactor is critical or when the reactor water temperature is above 212°F and fuel is in the reactor vessel.

SURVEILLANCE REQUIREMENT

4.7.A.3. The primary containment integrity shall be demonstrated as follows:

a. Integrated Primary Containment Leak Test (IPCLT)

The containment leakage rates shall be demonstrated at the following test schedule and shall be determined in conformance with the criteria specified in Appendix J of 10 CFR 50 using the methods and provisions of ANSI N45.4-1972 (Total Time Method), BN-TOP-1, and/or the Mass Point Method.

1. Three Type A Overall Integrated Containment Leakage Rate tests shall be conducted at 40 ± 10 month intervals during shutdown at P_a (43 psig) during each ten-year service period. The third test of each set shall be conducted during the shutdown for the ten-year plant inservice inspection.

2. If any periodic Type A test fails to meet 0.75 L_a, the test schedule for subsequent Type A tests shall be reviewed and approved by the Commission. If two consecutive Type A tests fail to meet 0.75 L_a, a Type A test shall be performed at least every 18 months until two consecutive Type A tests meet 0.75 L_a, at which time the above schedule may be resumed.

3. The accuracy of each Type A test shall be verified by a supplemental test which:

a. Confirms the accuracy of the test by verifying that the difference between the supplemental data and the Type A test data is within 0.25 L_a.

b. Has duration sufficient to establish accurately the change in leakage rate between the Type A test and the supplemental test.

c. Requires the quantity of gas injected into containment or bled from containment during the supplemental test to be equivalent to at least 25 percent of the total measured leakage at P_a.