

Docket No. 50-245  
B13616

Attachment 1

Millstone Nuclear Power Station, Unit No. 1

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

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## 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 ANSI/ANS 56.8-1987 (Mass Point Method).

1. Three Type A Overall Integrated Containment Leakage Rate tests shall be conducted at  $40 \pm 10$  month intervals during shutdown at  $P_a$  (43 psig) during each ten-year service period. The<sup>a</sup> 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  $P_a$ .