ENCLOSURE 1

PROPOSED TECHNICAL SPECIFICATION REVISIONS

8004220 349

UNITS 1 AND 2

3.7 CONTAINMENT SYSTEMS

2.a. Primary containment integrity 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 except while performing "open vessel" physics tests at power levels not to exceed 5 MW(t).

b. Primary containment integrity is confirmed if the maximum allowable integrated leakage rate, L_a, does not exceed the equivalent of 2 percent of the primary containment volume per 24 hours at the 49.6 psig design pressure, P_p.

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2. Integrated Leak Rate Testing

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 to 10 CFR 50 using the methods and provisions of ANSI N45.4(1972):

a. Three type A tests (overall integrated containment leakage rate) shall be conducted at 40 ± 10-month intervals during shutdown at either P_a, 49.6 psig, or at P_t, 25 psig, during each 10-year plant inservice inspection.

b. If any periodic type A test fails to meet either 0.75 L_a or 0.75 L_t, 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 either 0.75 L_a or 0.75 L_t, a type A test shall be performed at least every 18 months until two consecutive type A tests meet either 0.75 L_a or 0.75 L_t, at which time the above test schedule may be resumed.

c. 1. Test duration shall be at least 8 hours.

2. A 4-hour stabilization period will be required and the containment atmosphere will be considered stabilized when the change in weighted

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average air temperature averaged over an hour does not deviate by more than 0.5°R/hour from the average rate of change of temperature measured from the previous 4 hours.

d. 1. At least 20 sets of data points at approximately equal time intervals and in no case at intervals greater than one hour shall be provided for proper statistical analysis.

2. The figure of merit for the instrumentation system shall never exceed 0.25 L_a.

e. The test shall not be concluded with an increasing calculated leak rate.

f. The accuracy of each type A test shall be verified by a supplemental test which:

1. 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 or 0.25 L_t.

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

3. Requires the quantity of gas injected into the containment or bled from the containment during the supplemental test to be equivalent to at least 25 percent of the total measured leakage at P_a (49.6 psig), or P_t (25 psig).

LIMTING CONDITIONS FOR OPERATION	SURVEILLANCE REQUIREMENTS
	g. Local leak rate tests (LLRT's) shall be performed on the primary containment testable penetrations and isolation valves at not less than 49.6 psig (except for the main steam isolation valves, see 4.7.A.2) each opera0

UNIT 3

3.7 CONTAINMENT SYSTEMS

2.a. Primary containment integrity 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 except while performing "open vessel" physics tests at power levels not to exceed 5 MW(t).

b. Primary containment integrity is confirmed if the maximum allowable integrated leakage rate, L_a, does not exceed the equivalent of 2 percent of the primary containment volume per 24 hours at the 49.6 psig design pressure, P_p.

4.7 CONTAINMENT SYSTEMS

2. Integrated Leak Rate Testing

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 to 10 CFR 50 using the methods and provisions of ANSI N45.4(1972):

a. Three type A tests (overall integrated containment leakage rate) shall be conducted at 40 ± 10-month intervals during shutdown at either P_a, 49.6 psig, or at P_t, 25 psig, during each 10-year plant inservice inspection.

b. If any periodic type A test fails to meet either 0.75 L_a or 0.75 L_t, 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 either 0.75 L_a or 0.75 L_t, a type A test shall be performed at least every 18 months until two consecutive type A tests meet either 0.75 L_a or 0.75 L_t, at which time the above test schedule may be resumed.

c. 1. Test duration shall be at least 8 hours.

2. A 4-hour stabilization period will be required and the containment atmosphere will be considered stabilized when the change in weighted

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average air temperature averaged over an hour does not deviate by more than 0.5°R/hour from the average rate of change of temperature measured from the previous 4 hours.

d. 1. At least 20 sets of data points at approximately equal time intervals and in no case at intervals greater than one hour shall be provided for proper statistical analysis.

2. The figure of merit for the instrumentation system shall never exceed 0.25 L_a.

e. The test shall not be concluded with an increasing calculated leak rate.

f. The accuracy of each type A test shall be verified by a supplemental test which:

1. 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 or 0.25 L_t.

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

3. Requires the quantity of gas injected into the containment or bled from the containment during the supplemental test to be equivalent to at least 25 percent of the total measured leakage at P_a (49.6 psig), or P_t (25 psig).

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q. Local leak rate tests (LLRT's) shall be performed on the primary containment testable penetrations and isolation valves at not less than 49.6 psig (except for the main steam isolation valves, see 4.7.A.i) each operating cycle. Bolted double-gasketed seals shall be tested whenever the seal is closed after being opened and at least once per

ENCLOSURE 2

JUSTIFICATION FOR PROPOSED REVISIONS