

16.6 ENGINEERED SAFETY FEATURES

16.6.1 CONTAINMENT LEAKAGE TESTS

COMMITMENT

The local leak rate shall be measured for the containment penetrations listed in Table 16.6-1 in accordance with Technical Specification 4.4.1.2.

APPLICABILITY:

Applies to containment leakage

ACTION:

Not applicable

SURVEILLANCE:

See Technical Specification 4.4.1.2

BASES:

This commitment establishes the list of penetrations that require local leak rate testing in accordance with Technical Specification 4.4.1.2. This list was removed from the Technical Specifications in accordance with the guidance in NRC Generic Letter 91-08.

REFERENCES:

1. 10 CFR 50, Appendix J
2. NRC Generic Letter 91-08
3. FSAR Topic Nos. 3.8.1.7.4, 6.2.3, and 6.2.4.

STATION MANAGER APPROVAL

B. W. Rule

DATE

8-15-96

TAB 16.6-1
 LIST OF PENETRATIONS WITH 10CFR50,
 APPENDIX J TEST REQUIREMENTS

PENETRATION NUMBER	SYSTEM	TYPE A TEST SYSTEM CONDITION	LOCAL LEAK TEST	REMARKS
1	Pressurizer liquid sample line (Unit 1 only)	Note 1	Type C	Note 2, 7b
2	OTSG A Sample line	Note 1	Type C	Note 7b
3	Component Cooling inlet line	Note 1	Type C	Note 3, 7d
4	OTSG B drain line	Note 1	None required	Note 7b
5a	RB normal sump drain line	Note 10	Type C	Note 7a, 7b, 9
5b	Post Accident Liquid Sample Line	Note 1	None Required	Note 2, 7c
6	Letdown line	Note 1	Type C	Note 2, 7b
7	RC Pump seal return line	Note 1	Type C	Note 7b, 9(Units 2 & 3), Note 3, 7b, 9 (Unit 1)
8a	Pressurizer Aux. Spray Line	Not Vented	None Required	Note 5, 7d
8b	Loop A nozzle warming line	Not Vented	None required	Note 5, 7d
9	RCS normal makeup line and HP injection 'A' loop	Not Vented	None required	Note 5
10a	RC Pump B1 seal injection	Not Vented	Type C	Note 5, 7d, 9, 12

TABLE 16.6-1
(NOTES)

- c. Isolation valves are required to operate intermittently under post accident conditions.
- d. Check valve(s) used for containment isolation.

NOTE 8 DELETED

NOTE 9 Reverse direction test of inside containment isolation valve authorized. Leakage results are conservative.

NOTE 10 System is submerged during post-accident conditions and performance of Type A test. System will be drained to the extent possible.

NOTE 11 Type B test performed on the blind flanges inside the Reactor Building. Valves outside the containment are not tested.

NOTE 12 A one-time extension from the local leak test and corresponding exemption from Section III.D.2 and III.D.3 of Appendix J to 10 CFR Part 50 is granted such that it be performed during the 1983 Unit 1 refueling outage, provided that such outage begins no later than July 16, 1983.

NOTE 13 The requirements to perform a Type A test in accordance with Notes 1 and 3 of Table 4.4-1, will commence during the end of cycle 12 refueling outage on Unit 1, and during the end of cycle 11 refueling outages on Units 2 and 3. For the Type C test, the initial test will be performed on Unit 1 during the end of cycle 12 refueling outage, on Unit 2 no later than January 15, 1990, and during the end of cycle 11 refueling outage, on Unit 3. On Units 2 and 3, until Type C testing is performed, these penetrations may be utilized provided that compensatory measures described in W. H. Owen's September 29, 1989 letter and H. B. Tucker's October 4, 1989 letter are implemented.

NOTE 14 Closed system inside containment separated from the Reactor Coolant System and not postulated to rupture as a result of a loss of coolant accident.