TABLE OF CONTENTS
TECHNICAL SPECIFICATIONS
APPENDIX A

LIST OF TABLES

t. LEAKAGE

LEAKAGE shall be:

a. Identified LEAKAGE

1. LEAKAGE, such as that from pump seals or valve packing (except reactor coolant pump (RCP) seal water injection or leakoff), that is captured and conducted to collection systems or a sump or collecting tank.

2. LEAKAGE into the containment atmosphere from sources that are both specifically located and known either not to interfere with the operation of leakage detection systems or not to be pressure boundary LEAKAGE, or

3. Reactor Coolant System (RCS) LEAKAGE through a steam generator to the Secondary System (primary to secondary LEAKAGE);

b. Unidentified Leakage

All LEAKAGE (except RCP seal water injection or leakoff) that is not identified LEAKAGE, and

c. Pressure Boundary Leakage

LEAKAGE (except primary to secondary LEAKAGE) through a nonisolable fault in an RCS component body, pipe wall, or vessel wall.

d. RCS Operational LEAKAGE

1. When the average RCS temperature is > 200°F, RCS operational leakage shall be limited to:

   A. No pressure boundary LEAKAGE,

   B. 1 gpm unidentified LEAKAGE,

   C. 10 gpm identified LEAKAGE, and

   D. 150 gallons per day primary to secondary LEAKAGE through any one steam generator (SG).

2. If the limits contained in TS 3.1.d.1 are exceeded for reasons other than pressure boundary LEAKAGE or primary-to-secondary LEAKAGE, then reduce the LEAKAGE to within their limits within 4 hours.

3. If the limits contained in TS 3.1.d.1 for pressure boundary or primary to secondary LEAKAGE are exceeded, or the time limit contained in TS 3.1.d.2 is exceeded, then initiate action to:

   - Achieve HOT SHUTDOWN within 6 hours, and

   - Achieve COLD SHUTDOWN within an additional 30 hours.

4. When the reactor is critical and above 2% power, two reactor coolant leak detection systems of different operating principles shall be in operation with one of the two systems sensitive to radioactivity. Either system may be out of operation for up to 12 hours provided at least one system is OPERABLE.

g. Steam Generator (SG) Tube Integrity

1. When the average reactor coolant system temperature is > 200°F the following shall be maintained:

   A. SG Tube integrity shall be maintained, and

   B. All SG tubes satisfying the tube repair criteria shall be plugged in accordance with the Steam Generator Program.

Note: Separate entry condition is allowed for each SG tube.

2. If the requirements of TS 3.1.g.1.B are not met, then:

   A. Within 7 days verify tube integrity of the affected tube(s) is maintained until the next refueling outage or SG tube inspection, and

   B. Plug the affected tube(s) in accordance with the Steam Generator Program prior to entering INTERMEDIATE SHUTDOWN following the next refueling outage or SG tube inspection.

3. If the requirements of TS 3.1.g.2.A or TS 3.1.g.1.A are not met, then initiate action to:

   - Achieve HOT SHUTDOWN within 6 hours

   - Achieve COLD SHUTDOWN within an additional 30 hours.

b. Whenever integrity of a pressure isolation valve listed in Table TS 3.1-2 cannot be demonstrated, the integrity of the remaining pressure isolation valve in each high pressure line having a leaking valve shall be determined and recorded daily. In addition, the position of the other closed valve located in the high pressure piping shall be recorded daily.

b. Deleted

TABLE TS 4.2-2

STEAM GENERATOR TUBE INSPECTION

TS Table 4.2-2 has been deleted

4.18 RCS Operational LEAKAGE

APPLICABILITY

Applies to the surveillance requirements for RCS operational LEAKAGE in TS 3.1.d.

OBJECTIVE

To assure that the RCS operational LEAKAGE requirements are verified in a sufficient periodicity.

SPECIFICATION

Note 1: LEAKAGE surveillances are not required to be performed until 12 hours after establishment of steady state operation.

Note 2: TS 4.18.a is not applicable to primary to secondary LEAKAGE

a. Verify RCS operational LEAKAGE, except for primary to secondary LEAKAGE, is within limits by performance of RCS water inventory balance each 72 hours.

b. Verify primary to secondary LEAKAGE is $\leq$ 150 gallons per day through any one SG each 72 hours.

4.19 Steam Generator (SG) Tube Integrity

APPLICABILITY

Applies to the surveillance requirements for Steam Generator (SG) Tube Integrity in TS 3.1.g.

OBJECTIVE

To assure that the Steam Generator Tube Integrity requirements are verified in a sufficient periodicity.

SPECIFICATION

a. Verify SG tube integrity in accordance with the Steam Generator Program.

b. Verify that each inspected SG tube that satisfies the tube repair criteria is plugged in accordance with the Steam Generator Program prior to entering INTERMEDIATE SHUTDOWN following a SG tube inspection.