CONTAINMENT AIR LOCKS Unit 1

LIMITING CONDITION FOR OPERATION

3.6.1.3 Each containment air lock shall be OPERABLE with:

a. Both doors closed except when the air lock is being used for normal transit entry and exit through the containment, then at least one air lock door shall be closed, and

b. An overall air lock leakage rate of $\leq$ 0.05 L_a at design pressure (47.0 psig).

APPLICABILITY: MODES 1, 2, 3 and 4

ACTION:

With an air lock inoperable, restore the air lock to OPERABLE status within 24 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.6.1.3 Each containment air lock shall be demonstrated OPERABLE:

a. *After each opening, except when the air lock is being used for multiple entries, then at least once per 72 hours by pressurizing the volume between the air lock door gaskets to $\geq$ 10.0 psig and checking for an extrapolated** seal leakage rate equal to or less than 0.01 L_a,

b. At least once per 6 months by conducting an overall air lock leakage test at design pressure (47.0 psig) and by verifying that the overall air lock leakage rate is within its limit, and

c. At least once per 6 months by verifying that only one door in each air lock can be opened at a time.

* Exemption to Appendix "J" of 10 CFR 50.

** The measured leakage at the test pressure (10 psig) shall be multiplied by an extrapolation factor of 9.1 to determine what the seal leakage flow rate would be if tested at design pressure (47.0 psig). This extrapolated seal leakage rate shall be less than or equal to 0.01 L_a.

INTERNAL PRESSURE

LIMITING CONDITION FOR OPERATION

3.6.1.4 Primary containment internal pressure shall be maintained between -1.5 and +0.3 psig.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With the containment internal pressure outside of the limits above, restore the internal pressure to within the limits within 1 hour or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.6.1.4 The primary containment internal pressure shall be determined to be within the limits at least once per 12 hours.

SURVEILLANCE REQUIREMENTS (Continued

a. After each opening, except when the air lock is being used for multiple entries, then at least once per 72 hours by pressurizing the volume between the air lock door gaskets to $\geq$ 10.0 psig and checking for an extrapolated* seal leakage rate equal to or less than 0.01 L_a,

b. Prior to establishing CONTAINMENT INTEGRITY, if opened when CONTAINMENT INTEGRITY was not required, and at least once per 6 months by conducting an overall air lock leakage test at design pressure (47.0 psig) and by verifying that the overall air lock leakage rate is within its limit#, and

c. At least once per 6 months by verifying that only one door in each air lock can be opened at a time.

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* The measured leakage at the test pressure ($\geq$ 10.0 psig) shall be multiplied by an extrapolation factor of 9.1 to determine what the seal leakage flow rate would be at design pressure (47.0 psig). This extrapolated seal leakage rate shall be equal to or less than 0.01 L_a.

The provisions of Specification 4.0.2 are not applicable.

INTERNAL PRESSURE

LIMITING CONDITION FOR OPERATION

3.6.1.4 Primary containment internal pressure shall be maintained between -1.5 and +0.3 psig.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With the containment internal pressure outside of the limits above, restore the internal pressure to within the limits within 1 hour or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.6.1.4 The primary containment internal pressure shall be determined to be within the limits at least once per 12 hours.