

CONTAINMENT SYSTEMS

CONTAINMENT AIR LOCKS

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 P_a , 49.6 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. By verifying seal leakage $\leq 0.01 L_a$ when the volume between the door seals is pressurized to ≥ 8 psig for at least 30 seconds after stabilizing pressure for at least 15 minutes:
 1. After each opening, (in Modes 1, 2, 3, or 4) except when the air lock is being used for multiple entries, then at least once per 72 hours.
 2. *Prior to establishing CONTAINMENT INTEGRITY when maintenance has not been performed on the air lock. (Reperformance of this test is not required prior to entering Mode 4 if the air lock has not been opened since the previous test.)
- b. By conducting overall air lock leakage tests at not less than P_a (49.6 psig), and verifying the overall air lock leakage rate is within its limit:
 1. #At least once per 6 months, and
 2. *Prior to establishing CONTAINMENT INTEGRITY when maintenance has been performed on the air lock that could affect the air lock sealing capability.
- 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 provisions of Specification 4.0.2 are not applicable.

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