

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 ^{less than or equal to} ~~0.05~~ L_a at P_a , ~~39.6~~ psig.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

- ~~a. With an air lock inoperable, except as a result of an inoperable door gasket, 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.~~
- ~~b. With an air lock inoperable due to an inoperable door gasket:
 1. Maintain the remaining door of the affected air lock closed and sealed, and;
 2. Restore the air lock to OPERABLE status within 7 days or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.~~

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SURVEILLANCE REQUIREMENTS

4.6.1.3 Each containment air lock shall be demonstrated OPERABLE:

- ~~a. After each opening by verifying the seal leakage is $\leq 0.01 L_a$ as determined by precision flow measurement when measured for at least 30 seconds with:
 1. The volume between the personnel air lock seals at a constant pressure of 39.6 psig, and
 2. The volume between the emergency air lock seals at a constant pressure of 10 psig.~~

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SURVEILLANCE REQUIREMENTS (Continued)

- ~~b. At least once per 6 months by conducting an overall air lock leakage test at P_a (39.6 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.

b. By conducting overall air lock leakage tests at not less than P_a, ~~43.4~~ ^{39.6} 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.*

[#]The provisions of Specification 4.0.2 are not applicable.

*This constitutes an exemption to Appendix J of 10 CFR 50.