

CONTAINMENT SYSTEMS

CONTAINMENT AIR LOCKS

LIMITING CONDITION FOR OPERATION

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3.6.1.3 Two containment air locks shall be OPERABLE:

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTION:

..... Notes .....

1. Entry and exit is permissible to perform repairs on the affected air lock components.
2. A separate ACTION is allowed for each air lock.
3. Enter 3.6.1.1 LCO for "Containment Integrity" when the air lock leakage results in exceeding the overall containment leakage rate, Specification 3.6.1.2.a.
4. Locking a Personnel Air Lock door shut consists of locking the associated manual pumping stations and deactivating the electronic mechanisms used to open a Personnel Air Lock door once the associated air lock door is shut. Locking an Emergency Air Lock door shut consists of locking the mechanical operator.

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- a. One or more containment air locks with one containment air lock door inoperable:#
  1. Within one hour, verify the OPERABLE door is closed in the affected air lock, and
  2. Within 24 hours, lock the OPERABLE door closed in the affected air lock, and
  3. Once per 31 days, verify the OPERABLE door is locked closed in the affected air lock\*, or
  4. Otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

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- # 1. ACTIONS 3.6.1.3.a.1, 3.6.1.3.a.2, 3.6.1.3.a.3, and 3.6.1.3.a.4 are not applicable if both doors in the same air lock are inoperable and ACTION 3.6.1.3.c is entered.
2. Entry and exit is permissible for 7 days under administrative controls if both air locks are inoperable.

\* Air lock doors in high radiation areas may be verified closed by administrative means.

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- b. One or more containment air locks with containment air lock interlock mechanism inoperable.##
  - 1. Within one hour, verify an OPERABLE door is closed in the affected air lock, and
  - 2. Within 24 hours, lock an OPERABLE door closed in the affected air lock, and
  - 3. Once per 31 days, verify the OPERABLE door is locked closed in the affected air lock\*, or
  - 4. Otherwise, be in HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
  
- c. One or more containment air locks inoperable for reasons other than 3.6.1.3.a or 3.6.1.3.b.
  - 1. Immediately initiate action to evaluate overall containment leakage rate per LCO 3.6.1.2, and
  - 2. Within one hour, verify a door is closed in the affected air lock, and
  - 3. Within 24 hours, restore air lock to OPERABLE status, or
  - 4. Otherwise be in HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

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## 1. ACTIONS 3.6.1.3.b.1, 3.6.1.3.b.2, 3.6.1.3.b.3, and 3.6.1.3.b.4 are not applicable if both doors in the same air lock are inoperable. and ACTION 3.6.1.3.c is entered.

2. Entry and exit of containment is permissible under the control of a dedicated individual.

\* Air lock doors in high radiation areas may be verified closed by administrative means.