

#### 4.26 REACTOR BUILDING PURGE VALVES

##### APPLICABILITY

This specification applies to the reactor building purge supply and exhaust isolation valves.

##### OBJECTIVE

To assure reactor building integrity.

##### SPECIFICATION

- 4.26.1 The reactor building purge supply and exhaust isolation valves shall be determined closed. At least once per 31 days when containment integrity is required by TS 3.6.1.
- 4.26.2 Prior to exceeding conditions which require establishment of reactor building integrity per TS 3.6.1, the leak rate of the purge supply and exhaust isolation valves shall be verified to be within acceptable limits per TS 4.4.1, unless the test has been successfully completed within the last six months.

##### BASES

Determination of reactor building purge valve closure will ensure that reactor building integrity is not unintentionally breached.

Generic Issue B-20, "Containment Leakage Due to Seal Deterioration" determined that excess leakage past valve resilient seals is typically caused by severe environmental conditions and/or wear due to use. Recommended leak test frequencies of six months are deemed to be adequate to detect seal degradation of resilient seals.

The six month test need not be conducted with the precision of the Type C 10CFR50, Appendix J criteria, however the test must be sufficient to detect degradation.