

ATTACHMENT 1

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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 , greater than or equal to 40.6 psig.

APPLICABILITY: MODES 1, 2, 3 and 4

ACTION:

- a. With one containment air lock door inoperable:
 1. Maintain at least the OPERABLE air lock door closed and either restore the inoperable air lock door to OPERABLE status within 24 hours or lock the OPERABLE air lock door closed.
 2. Operation may then continue until performance of the next required overall air lock leakage test provided that the OPERABLE air lock door is verified to be locked closed at least once per 31 days.
 3. Otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
 4. The provisions of Specification 3.0.4 are not applicable.
- b. With a containment air lock inoperable, except as the result of an inoperable air lock door, maintain at least one air lock door closed; restore the inoperable 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. *Within 72 hours following closing, except when the air lock is being used for multiple entries, then at least once per 72 hours, by verifying that the seal leakage is less than 0.01 L^a as determined by precision flow measurements when measured for at least 30 seconds with the volume between the seals at a pressure of greater than or equal to 40.6 psig.
- b. At least once per 6 months by conducting an overall air lock leakage test at greater than or equal to P_a, 40.6 psig, and by verifying that the overall air lock leakage rate is within its limit^a, and
- c. At least once per 18 months during shutdown by verifying that only one door in each air lock can be opened at a time.

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

^aThe provisions of Specification 4.0.2 are not applicable.

ATTACHMENT 2

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 , greater than or equal to 40.6 psig.

APPLICABILITY: MODES 1, 2, 3 and 4

ACTION:

- a. With one containment air lock door inoperable:
 1. Maintain at least the OPERABLE air lock door closed and either restore the inoperable air lock door to OPERABLE status within 24 hours or lock the OPERABLE air lock door closed.
 2. Operation may then continue until performance of the next required overall air lock leakage test provided that the OPERABLE air lock door is verified to be locked closed at least once per 31 days.
 3. Otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
 4. The provisions of Specification 3.0.4 are not applicable.
- b. With a containment air lock inoperable, except as the result of an inoperable air lock door, maintain at least one air lock door closed; restore the inoperable 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. *Within 72 hours following closing, except when the air lock is being used for multiple entries, then at least once per 72 hours, by verifying that the seal leakage is less than 0.01 L as determined by precision flow measurements when measured for at^a least 30 seconds with the volume between the seals at a pressure of greater than or equal to 40.6 psig.
- b. At least once per 6 months by conducting an overall air lock leakage test at greater than or equal to P_a, 40.6 psig, and by verifying that the overall air lock leakage rate is within its limit[#], and
- c. At least once per 18 months during shutdown by verifying that only one door in each air lock can be opened at a time.

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

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

ATTACHMENT 3

DISCUSSION OF PROPOSED TECHNICAL SPECIFICATION CHANGES

The proposed changes to the North Anna Unit 1 Technical Specifications are to expand and clarify the ACTION requirements of Technical Specification 3.6.1.3, Containment Air Locks. In addition, a footnote has been added to surveillance requirement 4.6.1.3b to make the provisions of Specification 4.0.2 not applicable. These revisions will provide consistency between the North Anna 1 and 2 Technical Specifications and also with the Standardized Technical Specifications (STS) for Westinghouse PWR's, Revision 4 and Revision 5, Draft. The addition of the footnote also provides consistency between the Unit 1, Unit 2, STS and the requirements of 10 CFR 50, Appendix J.

A change to surveillance requirement 4.6.1.3a is being proposed for North Anna Unit Nos. 1 and 2. The proposed change is in the surveillance requirement for door seal leakage. The proposed change will reduce the amount of maintenance required on the containment air locks. By reducing the amount of maintenance required, the amount of personnel radiation exposure will be reduced.

Surveillance testing of the air lock seals will continue to assure that the overall air lock leakage will not become excessive due to seal damage during the intervals between air lock leakage tests. The overall air lock leakage limit of $\leq 0.05 L_a$ and the total type B and C leakage limit of $\leq 0.60 L_a$ will be unchanged. The proposed surveillance requirement for door seal leakage limit of $\leq 0.01 L_a$ is a small part of either of the above limits and therefore does not constitute a significant change to the

Technical Specifications.

It has been determined that an "unreviewed safety question," as defined in 10CFR50.59, does not exist because:

- a. This change does not increase the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety and previously evaluated in the final safety Analysis Report. The surveillance frequency remains unchanged, and the Air Lock leakage limits insure overall air lock integrity.
- b. This change does not create a possibility for an accident or malfunction of a different type than any evaluated previously in the Final Safety Analysis Report. No physical or operational feature of the Air Lock is altered.
- c. This change does not reduce the margin of safety as defined in the basis of any Technical Specification. The overall air lock leakage and the total type B and C test leakage limits established in 10CFR50 Appendix J remain unchanged.

The proposed changes to Technical Specification 3.6.1.3 have been determined not to pose a significant hazards consideration as stated in the Federal Register dated April 6, 1983. Example vii of examples of amendments that are considered not likely to involve a significant hazards consideration states, "A change to make a license conform to changes in

the regulations, where the license change results in very minor changes to facility operations clearly in keeping with the regulations". The proposed changes are consistent with the Standardized Technical Specifications for Westinghouse PWR's, Revision 4 and Revision 5, Draft.