

Duke Power Company
Oconee Nuclear Station
Attachment 1
Proposed Technical Specification Revision

Pages

4.4-3

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4.4.1.5 Containment Air Lock Testing

4.4.1.5.1 Scope of Testing

The Personnel Air Lock and Emergency Air Lock shall be tested as required by the following:

4.4.1.5.2 Frequency of Test

- (a) The Personnel Air Lock and Emergency Air Lock shall be tested semiannually at an internal pressure of not less than 59 psig.
- (b) Air locks opened during periods when containment integrity is not required shall be tested at the end of such periods by a full hatch leak test at not less than 59 psig. If the full hatch test has been performed within the previous 3 days, the leak test can be performed between the double seal of the outer door at not less than 59 psig.
- (c) When containment integrity is required, either a full hatch leak test or a leak test of the outer door double seal will be performed within 3 days of initial opening, and during periods of frequent use, at least once every 3 days. Each leak test will be performed at not less than 59 psig.

4.4.1.5.3 Acceptance Criteria

The acceptance criteria for the air lock leakage test is as stated in Specification 4.4.1.2.3.

Duke Power Company
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Attachment 2
No Significant Hazards Consideration Evaluation

No Significant Hazards Consideration Evaluation

Duke Power Company (Duke) has made the determination that this amendment request involves a No Significant Hazards Consideration by applying the standards established by the Commission's regulations in 10 CFR 50.92. This ensures that operation of the facility in accordance with the proposed amendment would not:

- (1) Involve a significant increase in the probability or consequences of an accident previously evaluated; or
- (2) Create the possibility of a new or different kind of accident from any accident previously evaluated; or
- (3) Involve a significant reduction in margin of safety.

The Commission has provided guidance concerning the application of these standards by providing certain examples (48 FR 14870). Example (vii) of types of amendments considered not likely to involve significant hazards consideration is applicable to this amendment request. This specific example involves amendment requests that are considered to be 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 Technical Specification amendment addressed in this submittal has been determined by Duke to be a change to make the license conform to the regulations. Briefly, the proposed amendment will increase the air lock test frequency from quarterly to semiannually in conformance to the 10 CFR 50, Appendix J regulations and results in very minor changes to facility operations clearly in keeping with the regulations.

Duke has determined, based on consideration that the requested amendment is a conformatory change in nature, that the revision does not involve a significant increase in the probability or consequences of accidents previously considered, nor create the possibility of a new or different kind of accident, and will not involve a significant decrease in a safety margin. Therefore, Duke concludes that there is no significant hazards consideration involved in this amendment request.

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Attachment 3
Technical Justification

Technical Justification

The containment air locks (i.e., Personnel Air Lock and Emergency Air Lock) are utilized during periods of time when containment integrity is required as well as when the reactor is shutdown. The air locks are tested periodically to verify the door seals integrity and, thus, the containment integrity. The Appendix J of 10 CFR 50 and Surveillance Requirement 4.6.1.3(b) of B&W Standard Technical Specifications, NUREG-0103, Rev. 4, address the requirements for testing of air locks. Based on these requirements, the air locks shall be tested prior to initial fuel loading and at 6-month intervals thereafter at an internal pressure not less than P_a . The frequency of air lock tests required by the present ONS Technical Specification 4.4.1.5.2(a) is based on 3-month intervals.

A change of the air lock testing frequency from quarterly to semiannually in the Technical Specification 4.4.1.5.2(a) conforms to 10 CFR 50, Appendix J regulations. In accordance with the standards contained in §50.92, this change results in very minor changes to facility operations clearly in keeping with the regulations. Additionally, revising the air lock test frequency (Tech. Spec. 4.4.1.5.2(a)) from quarterly to semiannually will decrease the number of times to perform these tests by one half and results in potential cost savings.