Kewaunee Nuclear Power Plant

Technical Specification

Pages Affected By

Proposed Amendment No. 68

(Pages T.S. 4.4-4 and 4.4-4a)

Letter from C. W. Giesler to H. R. Denton

Dated July 11, 1985

3. Testable isolation valves shall periodically be leak-tested at a pressure not less than 46 psig.

4. The leak tests described in 4.4.b.2 and 4.4.b.3 above shall be performed during, or within one month of, each major refueling outage for which an integrated leak rate test is not performed. In addition:

   A. Each personnel air lock shall be tested at six month intervals utilizing a Type B test at P_a.

   B. Personnel air locks opened during periods when containment integrity is not required and is not maintained shall be tested at the end of such periods at not less than (P_a) 46 psig.

   C. Personnel air locks opened during periods when containment integrity is required or while containment integrity is maintained shall be tested within 3 days of being opened. Personnel air locks opened more frequently than once every 3 days, while containment integrity is required or maintained, shall be tested at least once every 3 days during the period of frequent openings. The 3 day test requirement is satisfied by leak testing the entire air lock with acceptance criterion as 4.4.b.4.D or leak testing the air lock door seals, by pressurizing the volume between the O-rings and sealing surface to at least 10 psig with acceptance criterion of 0.005 L_a. 68

   D. The overall personnel air lock leakage rate, as determined by 4.4.b.4.A or 4.4.b.4.B, when combined with the present cumulative type B and C leakage shall be less than 0.6 L_a.

   E. The equipment hatch and the fuel transfer tube flange shall also be tested after each opening.

5. If the combined leak rate from all tests described in 4.4.b.2 and 4.4.b.3 above, as determined by the sum of the most recent results for each penetration test, exceeds 0.60 L_a, repairs and retest shall be performed to demonstrate reduction of the combined leak rate to this value.

6. The tests described in this section 4.4.b shall include the penetrations which extend from the containment vessel beyond the boundary of the Special Ventilation Zone of the Auxiliary Building. If the combined leak rate from tests of these penetrations, as determined by the sum of the most recent results for each penetration, exceeds 0.01 L_a, repairs and retest shall be performed to demonstrate reduction of the combined leak rate to this value.

7. The tests described in this section 4.4.b shall include the penetrations, which extend from the containment vessel to the Special Ventilation Zone of the Auxiliary Building. If the combined leak rate from tests of these penetrations, as determined by the sum of the most recent results for each penetration, exceeds 0.10 L_a, repairs and retest shall be performed to demonstrate reduction of the combined leak rate