

Omaha Public Power District

1623 HARNEY ■ OMAHA, NEBRASKA 68102 ■ TELEPHONE 536-4000 AREA CODE 402

January 26, 1983
LIC-83-015

Mr. Robert A. Clark, Chief
U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Licensing
Operating Reactors Branch No. 3
Washington, D.C. 20555

Reference: Docket No. 50-285

Dear Mr. Clark:

Fort Calhoun Station Containment Leakage Testing Program

The Commission's letter dated July 23, 1982 transmitted a Safety Evaluation Report (SER) regarding the District's proposed Technical Specification changes to incorporate the subject Appendix J requirements. This SER identified three open items that were subsequently addressed in the District's letters dated September 3 and November 5, 1982. The District stated in the November 5, 1982 letter, in response to SER open item #3, that our previous Appendix J amendment application (i.e., March 30, 1977) would be revised to incorporate Type C testing of penetration M-44. Accordingly, forty (40) copies of a revised amendment application which incorporate this change, as well as several other changes, are attached. All of the changes to our March 30, 1977 application are identified in the discussion section to the attached amendment application. The more significant changes are detailed below:

- 1) The maximum allowable leakage rate (L_a) will be calculated using 0.2% by weight of the containment atmosphere per 24 hours at 60 psig, instead of the previous 0.1% value. This is consistent with the allowable leakage rate utilized in the District's original Final Safety Analysis Report for the maximum hypothetical accident at the Fort Calhoun Station. Further justification is provided in the discussion section of the attached application.
- 2) Reduced pressure testing of the personnel access lock (PAL) doors will be at a test pressure of 5 psig, with an acceptance criterion of less than or equal to $0.01 L_a$, as agreed upon per a telephone conference call between the District and Commission on November 24, 1982.

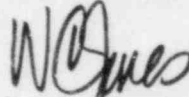
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Additionally, the District is requesting an exemption from the Appendix J requirement applicable to the PAL that requires testing at P_a (if the PAL has been opened) prior to reaching a containment integrity required condition when coming out of a cold or refueling shutdown operating mode. The District proposes to leak test the PAL door seals at 5 psig prior to achieving the containment integrity required condition and within two weeks test the entire PAL assembly at P_a (60 psig). The District's justification for this exemption is provided in the attached. Communications with the Commission's staff have indicated that this approach would be acceptable.

- 3) Present Technical Specification (TS) Section 3.5(6) has been moved to a new TS section, Section 3.16. TS Sections 3.5(8), 3.5(9), and 3.5(10) have been removed from the TS because these tests were only applicable during the initial years of plant operation.
- 4) Penetration M-44 has been added to the Type C testing list.

Sincerely,



W. C. Jones
Division Manager
Production Operations

WCJ/TLP:jmm

Attachment

cc: LeBoeuf, Lamb, Leiby & MacRae
1333 New Hampshire Avenue, N.W.
Washington, D.C. 20036

Mr. E. G. Tourigny, NRC Project Manager