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DENTON,H.R. Office of Nuclear Reactor Regulation, Director
STOLZ,J.F. Operating Reactors Branch 4

SUBJECT: Requests revision to local leak test requirements for penetrations 21 & 22, containmed in Table 4.4-1 of 810903 ltr re 10CFR50 App J testing.

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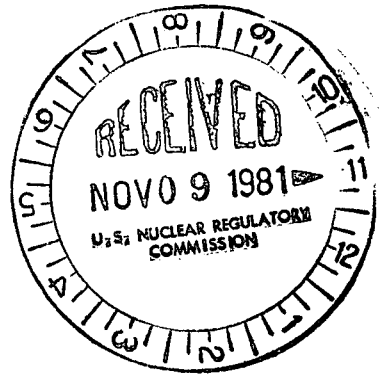
November 6, 1981



Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. J. F. Stolz, Chief
Operating Reactors Branch No. 4

Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Sir:

My letter of September 3, 1981 provided a response to the NRC Staff letter dated July 29, 1981 concerning 10 CFR 50 Appendix J testing at Oconee. Recently, it has been determined that the local testing requirements proposed for penetrations 21 and 22 are not appropriate. The details of this are provided in the following.

Reactor Building penetrations 21 and 22 are Reactor Coolant pump motor cooler low pressure service water (LPSW) supply and return lines. The purpose of this portion of the LPSW system is to provide cooling water to the RC pump motor coolers and it is a closed system within containment. Upon actuation of containment isolation by Engineered Safeguards, these lines will isolate. However, the balance of the LPSW remains in service post-accident, supplying cooling water to principally the Reactor Building cooling units and decay heat coolers. Upon closure of the containment isolation valves, LPSW system pressure of approximately 80 psig would be continually present on the outside of the valves. LPSW is normally operating but also receives a signal to actuate on Engineered Safeguards. There is no single active failure which can prevent the operation of the system. The operating pressure is above the design accident containment pressure of 59 psig. Thus, any valve leakage would be into the Reactor Building and there is no potential for leakage of containment air to atmosphere through penetrations 21 and 22. Furthermore, the piping inside containment has been designed Seismic Category I and is considered to remain intact under post-LOCA conditions. This provides additional assurance that containment atmosphere will not leak through these penetrations.

Accordingly, it is requested that the Local Leak Test requirements for penetrations 21 and 22, as contained in Table 4.4-1 of my September 3, 1981 letter, be revised to read "None required."

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Inasmuch as this letter supplements an earlier request on this subject, it has been determined that no license fees are required.

Very truly yours,

William O. Parker, Jr.

RLG/php