



## Omaha Public Power District

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

May 18, 1982

LIC-82-201

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:

### Environmental Qualification of Safety-Related Electrical Equipment

The Commission's letter to Omaha Public Power District, dated February 18, 1982, forwarded a Franklin Research Center (FRC) request for additional information regarding the environmental qualification of safety-related electrical equipment at the Fort Calhoun Station. Specifically, Item B.2 to the subject letter requested qualification documentation for equipment installed under the TMI Action Plan, NUREG-0737. Accordingly, the following qualification test reports have been forwarded directly to FRC, as specified by the February 18, 1982 letter:

- 1) ASCO solenoid valves installed on the safety-grade AFW automatic actuation and indication system and the containment hydrogen monitoring system.
- 2) NAMCO limit switches installed on the safety-grade AFW automatic actuation and indication system.
- 3) Valcor solenoid valves installed on the containment hydrogen monitoring system.

Based on the qualification documentation and test reports transmitted with this letter and the District's letters dated February 8, March 18, and April 21, 1982, the District has identified three test reports that still must be provided to FRC to fulfill all requests of the February 18, 1982 letter. These test reports are:

- 1) Wyle Laboratory final test report for the electrical penetration cable splices inside containment.
- 2) Foxboro transmitters installed on the AFW safety-grade indication and automatic actuation, pressurizer level indication, and containment wide-range pressure monitor modifications.

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Mr. Robert A. Clark  
LIC-82-201  
Page Two

- 3) GEM's transmitters installed on the containment sump water level and safety injection pump leakage detection modifications.

Wyle Laboratories is in the process of completing the final analysis of the penetration cable splices and is completing the IEEE 323-1974 qualification testing of the GEM's transmitters. Foxboro is also completing the qualification testing of its transmitters. Based on testing to date, Foxboro has assured the District that the transmitters will meet IEEE 323-1974 criteria.

The District will provide FRC with these test reports upon receipt of the documentation from our vendors.

FRC should note that the ASCO and Valcor solenoid valve test reports contain proprietary information and, as such, should be utilized in a confidential manner.

Sincerely,



W. C. Jones  
Division Manager  
Production Operations

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