

Omaha Public Power District

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

September 24, 1981

Mr. Darrell G. Eisenhut, Director
U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Licensing
Washington, D.C. 20555



Reference: Docket No. 50-285

Dear Mr. Eisenhut:

The Commission's letter to Omaha Public Power District dated August 21, 1981 regarding pressurized thermal shock requested certain information be provided for the Fort Calhoun Station within 60 days and additional information be provided within 150 days of the date of your letter. Your letter also requested that the District advise you within 30 days if there would be any delay in responding on the above schedule. This letter provides our response to the 30-day request.

For the information requested to be provided in 60 days, the District plans to provide the information requested in items 1, 2, 4, and 5 within the 60 days requested. The response to items 1 and 2 will utilize baseline RT_{NDT} measurements for only plate material. We will provide revised information using baseline measurements for weld material in the 150-day response. Additionally, the District does not consider it appropriate to define a single value of RT_{NDT} as an upper limit for continued operation of the Fort Calhoun Station, as requested in item 3. The capability of the vessel to withstand the effects of pressurized thermal shock cannot be represented independent of the pressure-temperature transient which might cause the pressurized thermal shock condition. The program the District is working on considers the many variables involved in establishing the vessel capabilities to withstand system transient responses, without violation of the pressure boundary. The District will provide a detailed response to item 4, which will provide the basis for our position on item 3 of your letter.

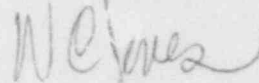
The information requested for the 150-day response in the body of the letter will be provided. In addition, the District will provide the information requested in items 1 through 7 of the enclosure to your

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letter. The District's 150-day response will also include sufficient analysis to justify continued operation of the Fort Calhoun Station. The analyses presented at that time will form our interim response. The final analyses will be submitted in accordance with the schedule that will be detailed in our program plan.

Sincerely,



W. C. Jones
Division Manager
Production Operations

WCJ/KJM/TLP:jmm

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