

Omaha Public Power District

P.O. Box 399 Hwy. 75 - North of Ft. Calhoun Fort Calhoun, NE 68023-0399
402/636-2000

April 28, 1993
LIC-93-0059

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station: P1-137
Washington, DC 20555

References: 1. Docket No. 50-285
2. Letter from OPPD (W. G. Gates) to NRC (Document Control Desk)
dated February 24, 1993 (LIC-93-051)

Gentlemen:

SUBJECT: Special Report on Inoperability of Fire Protection Equipment

The Omaha Public Power District (OPPD), holder of Operating License DPR-40, submits this report pursuant to the requirements of Fort Calhoun Station (FCS) Unit No. 1, Technical Specification (TS) 2.19, "Fire Protection System."

Technical Specification 2.19(7) requires that all penetration fire barriers protecting safety-related areas shall be functional (intact). With a penetration fire barrier non-functional, within one hour, either a continuous fire watch is to be established on at least one side of the affected penetration, or the operability of fire detectors on at least one side of the penetration is to be verified and an hourly fire watch patrol established. The non-functional penetration is to be restored to functional status within seven days, or a report is to be prepared and submitted to the Nuclear Regulatory Commission pursuant to TS 5.9.3 within an additional 30 days.

Technical Specification 2.19(8) requires that the Halon fire suppression systems protecting the Control Room, the Switchgear Rooms and the Cable Spreading Room be operable. With a Halon system inoperable, a continuous fire watch with back-up fire suppression equipment is to be established. The inoperable Halon system is to be restored to operable status within 14 days, or a report is to be prepared and submitted to the Nuclear Regulatory Commission pursuant to TS 5.9.3 within an additional 30 days.

030065

JE77 1/0

On March 23, 1993, Fire Protection Impairment Permits (FPIPs) 3141 and 3143 were initiated in order to support work associated with Maintenance Work Order (MWO) 894520 (Replacement of Potable Water Header). FPIP 3141 allowed maintenance personnel to remove a section of piping that goes from Room 81 to Room 56E through Penetration 81-F-19. FPIP 3143 addresses impairment of Penetration 56-F-236 between Room 56E and Room 19. Appropriate fire watches were established when the penetrations were impaired. The penetrations have been impaired for greater than seven days.

On April 8, 1993 and April 15, 1993, two additional FPIPs (3194 and 3198 respectively) were initiated to support MWO 894520. FPIP 3194 addresses impairment of the Halon containment boundary for Switchgear Room 56E. A continuous fire watch was already in place in Room 56E as previously reported via Reference 2. FPIP 3194 has been in effect for greater than 14 days. FPIP 3198 addresses impairment of Penetration 19-E-47 between Room 19 and the Turbine Building. An hourly fire watch was established when this penetration was impaired. This penetration has been impaired for greater than seven days.

At the present time, work on the Potable Water System is ongoing, with an expected completion date of May 17, 1993.

If you have any questions, please contact me.

Sincerely,



for W. G. Gates
Vice President

WGG:jrg

c: LeBoeuf, Lamb, Leiby & MacRae
J. L. Milhoan, NRC Regional Administrator, Region IV
S. D. Bloom, NRC Project Manager
R. P. Mullikin, NRC Senior Resident Inspector