

10 CFR 50.36(c)(8)

LIC-14-0113
August 29, 2014

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Fort Calhoun Station, Unit No. 1
Renewed Facility Operating License No. DPR-40
NRC Docket No. 50-285

Subject: Special Report on Inoperability of Main Steam Line Radiation Monitor RM-064 for Post-Accident Monitoring

The Omaha Public Power District (OPPD) submits this report pursuant to the requirements of Fort Calhoun Station (FCS) Technical Specification (TS) 2.21, "Post Accident Monitoring Instrumentation." Technical Specification 2.21, Table 2-10, specifies the minimum operable channels for several post accident monitoring instruments. If the required instrumentation is not operable, then the appropriate actions specified in Table 2-10 are to be taken.

Technical Specification 2.21, Table 2 10, item 3, specifies a minimum of one (1) operable channel for the Main Steam Line Radiation Monitor RM-064.

Footnote (a) of Table 2 10 states:

- (a) With the number of OPERABLE channels less than required by the minimum channels operable requirements, initiate the pre-planned alternate method of monitoring the appropriate parameter(s) within 72 hours, and
 - 1. either restore the inoperable channel(s) to OPERABLE status within 7 days of the event, or
 - 2. prepare and submit a special report to the Commission pursuant to specification 5.9.3 within 14 days following the event outlining the action taken, the cause of the inoperability, and the plans and schedules for restoring the system to OPERABLE status.

The discharge pressure and temperature for Radiation Monitor RM-064, Main Steam Line Radiation Monitor, were found higher than normal due to leakage from the isolation valve HCV-921, the instrument was evaluated, and was declared inoperable on August 21, 2014, at 0530 hours Central Daylight Time (CDT). Troubleshooting performed on RM-064 determined that the unit's isolation valve, HCV-921, was not properly seated, allowing steam from Steam Generator A to mix with steam from Steam Generator B during monitoring.

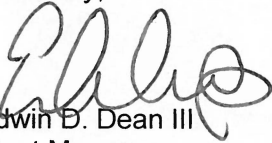
Since the duration of the inoperability of RM-064 has exceeded seven days, this special report is required.

OPPD has implemented a pre-planned alternate method for monitoring the appropriate parameters. Additionally, Radiation Monitor RM-057, Condenser Off Gas Radiation Monitor, is operable and monitoring the condenser's radiation level.

OPPD is coordinating with the vendor and peer stations to repair the monitor. It is expected that RM-064 will be returned to service no later than 10.15.2014.

There are no new commitments being made in this letter. If you should have any questions, please contact Terrence W. Simpkin, Manager, Site Regulatory Assurance, at (402) 533-6263.

Sincerely,



Edwin D. Dean III
Plant Manager

EDD/epm

Attachment

c: M. L. Dapas, NRC Regional Administrator, Region IV
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