



Fort Calhoun Station
9610 Power Lane
Blair, NE 68008

June 4, 2010
LIC-10-0044

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Reference: Docket No. 50-285

Subject: Special Report on Inoperability of Wide Range Noble Gas Stack
Monitor RM-063 for Post Accident Monitoring

Gentlemen:

The Omaha Public Power District (OPPD), holder of Operating License DPR-40, 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 2, specifies a minimum of one operable channel for the Wide Range Noble Gas Stack Monitor, RM-063.

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.

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Radiation Monitor RM-063, Accident Range Stack Gas Monitor, trouble alarm annunciated, the instrument was evaluated, and was declared inoperable on May 23, 2010, at 2228 CDT. Troubleshooting performed on RM-063 determined that there is a problem with the flow-through ion detector. The electronics were tested as working properly. It appears that the detector has become contaminated and needs vendor expertise for repairs.

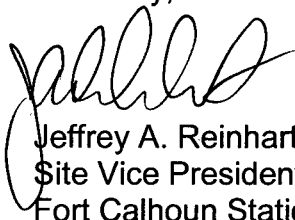
Since the duration of the inoperability of RM-063 has exceeded seven days, this special report is required.

OPPD has implemented a pre-planned alternate method for monitoring the appropriate parameters. The sampling method is detailed in Chemistry Department procedure CH-SMP-PA-0005, "Post Accident Sampling of the Auxiliary Building Exhaust Stack." Additionally, Radiation Monitor RM-062, Normal Range Stack Monitor, is operable and monitoring the Auxiliary Building Stack.

OPPD is coordinating with the vendor to repair the monitor. It is expected that RM-063 will be returned to service no later than July 30, 2010.

If you should have any questions, please contact me.

Sincerely,



Jeffrey A. Reinhart
Site Vice President
Fort Calhoun Station

JAR/epm

- c: E. E. Collins, NRC Regional Administrator, Region IV
L. E. Wilkins, NRC Project Manager
J. C. Kirkland, NRC Senior Resident Inspector