



10 CFR 50.36(c)(8)

LIC-14-0105  
August 20, 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 Containment Accident Radiation Monitor RM-091B 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 1, specifies a minimum of two (2) operable channels for the Containment Wide Range Radiation Monitors, RM 091 A & B.

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.

Radiation Monitor RM 091B, Containment Wide Range Radiation Monitor, trouble alarm annunciated, the instrument was evaluated, and was declared inoperable on August 6, 2014, at 2240 Central Daylight Time (CDT). Troubleshooting performed on RM-091B determined that the units internal alarm circuit had failed.

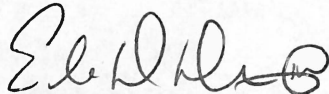
Since the duration of the inoperability of RM-091B has exceeded seven days, this special report is required.

OPPD has implemented a pre-planned alternate method for monitoring the appropriate parameters. Additionally, Radiation Monitor RM-91A, Containment Wide Range Radiation Monitor, is operable and monitoring the Containment.

RM-091B was repaired and returned to service on August 19, 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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S.M. Schneider, NRC Senior Resident Inspector