

November 28, 2006

Mr. R. T. Ridenoure
Vice President - Chief Nuclear Officer
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
Post Office Box 550
Fort Calhoun, NE 68023-0550

SUBJECT: FORT CALHOUN STATION, UNIT 1 - REQUEST FOR ADDITIONAL
INFORMATION RELATED TO GENERIC LETTER 2003-01, "CONTROL ROOM
HABITABILITY" (TAC NO. MB9806)

Dear Mr. Ridenoure:

By letters dated December 5, 2003, and October 5, 2004, Omaha Public Power District (OPPD) submitted responses to Nuclear Regulatory Commission (NRC) Generic Letter (GL) 2003-01 for Fort Calhoun Station, Unit No. 1. Item 1b of the GL requested that OPPD confirm that the most limiting unfiltered inleakage into its control room envelope has been incorporated into its hazardous chemical assessments.

The NRC staff has reviewed OPPD's response to Item 1b of the GL and has determined that additional information is needed to complete our review. A request for additional information is enclosed. This request was discussed with Thomas Matthews of your staff on October 25, 2006, and it was agreed that a response would be provided by December 31, 2006.

If you have any questions, please contact me at (301) 415-1445.

Sincerely,

/RA/

Alan B. Wang, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-285

Enclosure: Request for Additional Information

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION

REGARDING GENERIC LETTER 2003-01, "CONTROL ROOM HABITABILITY"

OMAHA PUBLIC POWER DISTRICT

FORT CALHOUN STATION, UNIT NO. 1

DOCKET NO. 50-285

Generic Letter (GL) 2003-01 requested confirmation that Fort Calhoun Station, Unit No. 1's (FCS's) control room meets the applicable habitability regulatory requirements and that the control room habitability systems are designed, constructed, configured, operated, and maintained in accordance with the facility's design and licensing bases. Item 1b of the GL requested that Omaha Public Power District (OPPD) confirm that the most limiting unfiltered inleakage into the control room envelope is incorporated into your hazardous chemical assessments.

In your December 5, 2003, response (Agencywide Documents Access and Management System Accession No. ML033430569), OPPD provided information concerning the susceptibility of FCS to toxic gas events and indicated that an evaluation was conducted in accordance with Regulatory Guide 1.78, "Evaluating the Habitability of a Nuclear Power Plant Control Room During a Postulated Hazardous Chemical Release," and Regulatory Guide 1.95, "Protection of Nuclear Power Plant Control Room Operators Against an Accidental Chlorine Release." OPPD further stated that all toxic gas monitoring requirements except for ammonia were deleted from the FCS Technical Specifications. OPPD further stated that the toxic gas analysis was not modified due to the tracer gas testing, since the response to the analysis is to go into recirculation mode with no outside airflow.

It is not clear from OPPD's response to Item 1b of the GL whether or not the most limiting unfiltered inleakage into the control room envelope is incorporated into the hazardous chemical assessments. The NRC reviewed the FCS Toxic Gas Analysis (EA-FC-94-012, Revision 3) and it did not provide the information needed to complete our review. Therefore, the NRC staff is unable to complete its evaluation of your response to Item 1b of GL 2003-01.

The NRC staff request that OPPD submit an additional response to Item 1b of GL 2003-01 that addresses the following:

1. OPPD did not provide an assumed inleakage value while in the recirculation mode. Provide the assumed value for inleakage while in the recirculation mode.
2. Provide supporting details that: (1) indicate that the most limiting unfiltered inleakage into the control room envelope is incorporated into the hazardous chemical assessments or (2) indicate that unfiltered inleakage into the control room envelope is not specifically incorporated into the hazardous chemical assessment because toxic gases are not considered to be a threat based on hazard screening performed on chemicals stored onsite or transported nearby, in accordance with applicable regulatory criteria/guidance.

Ft. Calhoun Station, Unit 1

cc:

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April 2006