David J. Bannister, Vice President
and Chief Nuclear Officer
Omaha Public Power District
Fort Calhoun Station FC-2-4
P.O. Box 550
Fort Calhoun, NE 68023-0550

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – FORT CALHOUN STATION

Dear Mr. Bannister:

On August 10, 2010, the NRC staff completed its performance review of the Fort Calhoun Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2009, through June 30, 2010. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only—Security-Related Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at the Fort Calhoun Station was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Although plant performance was within the Licensee Response column, the significance of a violation of your Technical Specification 5.8.1.a, “Procedures,” for failure to establish and maintain procedures that protect the intake structure and auxiliary building during external flooding events, is still under review as part of the Significance Determination Process which, when finalized, may change our assessment of your plant's safety performance. Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting Inspection Procedure 92723, “Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violation in the Same Area in a 12-Month Period,” to follow-up on the multiple Severity Level IV violations identified in the traditional enforcement area of impeding the regulatory process.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2011. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.
In accordance with 10 CFR 2.390 of the NRC’s “Rules of Practice,” a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC’s document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Mr. Ray Azua, Senior Project Engineer, Project Branch E, at (817) 276-4445 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

Jeffrey Clark, P.E.
Chief, Reactor Projects Branch E
Division of Reactor Projects

Docket Nos. 50-285
License Nos. DPR-40

Enclosure:
Fort Calhoun Station Inspection/Activity Plan

cc w/Enclosure
Jeffrey A. Reinhart
Site Vice President
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm
P.O. Box 550
Fort Calhoun, NE 68023-0550

Susan Baughn
Manager - Nuclear Licensing
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 550
Fort Calhoun, NE 68023-0550

David A. Repka
Winston & Strawn
1700 K Street, NW
Washington, DC 20006-3817

Chairman
Washington County Board of Supervisors
P.O. Box 466
Blair, NE 68008
Ms. Julia Schmitt, Manager
Radiation Control Program
Nebraska Health & Human Services
Division of Public Health
P.O. Box 95026
Lincoln, NE 68509-5026

Ms. Melanie Rasmussen
Radiation Control Program Officer
Bureau of Radiological Health
Iowa Department of Public Health
Lucas State Office Building, 5th Floor
321 East 12th Street
Des Moines, IA 50319

Chief, Technological Hazards Branch
FEMA, Region VII
9221 Ward Parkway
Suite 300
Kansas City, MO 64114-3372
Electronic distribution by RIV:
Regional Administrator (Elmo.Collins@nrc.gov)
Deputy Regional Administrator (Chuck.Casto@nrc.gov)
DRP Acting Director (Anton.Vegel@nrc.gov)
DRP Acting Deputy Director (Troy.Pruett@nrc.gov)
DRS Director (Roy.Caniano@nrc.gov)
DRS Acting Deputy Director (Jeff.Clark@nrc.gov)
Senior Resident Inspector (John.Kirkland@nrc.gov)
Resident Inspector (Jacob.Wingebach@nrc.gov)
Branch Chief, DRP/E (Jeff.Clark@nrc.gov)
Senior Project Engineer, DRP/E (Ray.Azua@nrc.gov)
FCS Administrative Assistant (Berni.Madison@nrc.gov)
Public Affairs Officer (Victor.Dricks@nrc.gov)
Public Affairs Officer (Lara.Useiding@nrc.gov)
Branch Chief, DRS/TSB (Michael.Hay@nrc.gov)
Project Manager (Lynnea.Wilkins@nrc.gov)
RITS Coordinator (Marisa.Herrera@nrc.gov)
Regional Counsel (Karla.Fuller@nrc.gov)
Congressional Affairs Officer (Jenny.Weil@nrc.gov)
OEMail Resource
ROReports
Regional State Liaison Officer (Bill.Maier@nrc.gov)
RA Administrative Assistant (Lucy.Owen@nrc.gov)
Branch Chief, DRS/Engineering Branch 1 (Thomas.Farnholtz@nrc.gov)
Branch Chief, DRS/Engineering Branch 2 (Neil.Keefe@nrc.gov)
Branch Chief, DRS/Operations Branch (Mark.Haire@nrc.gov)
Branch Chief, DRS/Plant Support Branch 1 (Michael.Shannon@nrc.gov)
Branch Chief, DRS/Plant Support Branch 2 (Greg.Werner@nrc.gov)
Deputy Assistant for Operations, OEDO (James.Andersen@nrc.gov)
Director, DIRS, NRR (Frederick.Brown@nrc.gov)
Deputy Director, DIRS, NRR (Michael.Cheok@nrc.gov)
Deputy Director, DORL, NRR (Robert.Nelson@nrc.gov)
Director, DORL, NRR (Joseph.Gitter@nrc.gov)
LPL4 Branch Chief, DORL (Michael.Markley@nrc.gov)
OEDO RIV Coordinator (Margie.Kotzalas@nrc.gov)
mortensengk@INPO.org

<table>
<thead>
<tr>
<th>ADAMS:</th>
<th>☒ No ☒ Yes ☒ SUNSI Review Complete ☐ Non-Sensitive</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>☐ Publicly Available ☐ Non-publicly Available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RIV:SPE/DRP/E</th>
<th>C:DRP/E</th>
<th>D:DRS</th>
<th>D:DRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAzuA</td>
<td>JAClark</td>
<td>RJCaniano</td>
<td>AVegel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>/RA/</th>
<th>/RA/RCH for</th>
<th>/RA/</th>
<th>/RA/</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/23/2010</td>
<td>08/24/2010</td>
<td>08/24/2010</td>
<td>08/30/2010</td>
</tr>
</tbody>
</table>

OFFICIAL RECORD COPY T=Telephone E=E-mail F=Fax
<table>
<thead>
<tr>
<th>Unit Number</th>
<th>Planned Dates</th>
<th>Inspection Activity</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>BRQ - OPERATOR REQUAL INSPECTION</strong></td>
</tr>
<tr>
<td>1</td>
<td>11/15/2010 - 11/19/2010</td>
<td>IP 7111111B</td>
<td>Licensed Operator Requalification Program</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>TSB-52B - BIENNIAL P&amp;I</strong></td>
</tr>
<tr>
<td>1</td>
<td>02/07/2011 - 02/11/2011</td>
<td>IP 71152B</td>
<td>Identification and Resolution of Problems</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>PSB2-08P - INSERVICE INSPECTION</strong></td>
</tr>
<tr>
<td>1</td>
<td>04/04/2011 - 04/29/2011</td>
<td>IP 7111108P</td>
<td>Inservice Inspection Activities - PWR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>RS123 - RADIATION SAFETY</strong></td>
</tr>
<tr>
<td>1</td>
<td>04/18/2011 - 04/22/2011</td>
<td>IP 71124.01</td>
<td>Radiological Hazard Assessment and Exposure Controls</td>
</tr>
<tr>
<td>1</td>
<td>04/18/2011 - 04/22/2011</td>
<td>IP 71124.02</td>
<td>Occupational ALARA Planning and Controls</td>
</tr>
<tr>
<td>1</td>
<td>04/18/2011 - 04/22/2011</td>
<td>IP 71124.03</td>
<td>In-Plant Airborne Radioactivity Control and Mitigation</td>
</tr>
<tr>
<td>1</td>
<td>04/18/2011 - 04/22/2011</td>
<td>IP 71151-OR01</td>
<td>Occupational Exposure Control Effectiveness</td>
</tr>
<tr>
<td>1</td>
<td>04/18/2011 - 04/22/2011</td>
<td>IP 71151-PR01</td>
<td>RETS/ODCM Radiological Effluent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>RS45 - RADIATION SAFETY</strong></td>
</tr>
<tr>
<td>1</td>
<td>07/18/2011 - 07/22/2011</td>
<td>IP 71124.04</td>
<td>Occupational Dose Assessment</td>
</tr>
<tr>
<td>1</td>
<td>07/18/2011 - 07/22/2011</td>
<td>IP 71124.05</td>
<td>Radiation Monitoring Instrumentation</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>EB3-05T - TRIENIAL FIRE PROTECTION</strong></td>
</tr>
<tr>
<td>1</td>
<td>08/15/2011 - 08/19/2011</td>
<td>IP 7111105T</td>
<td>Fire Protection [Triennial]</td>
</tr>
<tr>
<td>1</td>
<td>08/19/2011 - 09/02/2011</td>
<td>IP 7111105T</td>
<td>Fire Protection [Triennial]</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>EP1 - BIENNIAL EP EXERCISE INSPECTION</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>EB1-07 - TRIENIAL HEAT SINK PERFORMANCE</strong></td>
</tr>
</tbody>
</table>