



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
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ARLINGTON, TEXAS 76011-4005**

August 27, 2003

R. T. Ridenoure
Division Manager - Nuclear Operations
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 550
Fort Calhoun, Nebraska 68023-0550

**SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - FORT
CALHOUN STATION**

Dear Mr. Ridenoure:

On August 6, 2003, the NRC staff completed its midcycle plant performance assessment of Fort Calhoun Station. The midcycle review for Fort Calhoun Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 through June 30, 2003. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter 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). In addition to baseline inspections, we plan to conduct Temporary Instruction 2515/150, Revision 1, "Reactor Pressure Vessel Head and Vessel Head Penetration Nozzle."

During the first quarter of the assessment cycle, plant performance was within the Regulatory Response Column of the NRC's Action Matrix based on a White finding in the Public Radiation cornerstone. This White finding had previously been identified in second quarter 2002. An NRC supplemental inspection, conducted in August 2002, determined that the identification of the root causes, contributing causes, and corrective actions associated with the White finding were comprehensive and broad-based (NRC Inspection Report 05000285/2002010). As a result, this finding was closed following the first quarter of this assessment period.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 6 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 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 Kriss Kennedy at 817-860-8144 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Arthur T. Howell, Director
Division of Reactor Projects

Docket: 50-285
License: DPR-40

Enclosure:
Fort Calhoun Station Inspection/Activity Plan

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Fort Calhoun
Inspection / Activity Plan
08/01/2003 - 09/30/2004

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|-------------|--|--|----------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | PSBS1-GP - SECURITY BASELINE INSPECTION | | 3 | | | |
| 1 | IP 7113002 | Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat | | 08/13/2003 | 08/15/2003 | Baseline Inspections |
| 1 | IP 7113003 | Response to Contingency Events (Protective Strategy and Implementation of Protective Str | | 08/13/2003 | 08/15/2003 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 08/13/2003 | 08/15/2003 | Baseline Inspections |
| | TI-150 - RPV AND VESSEL HEAD PENET. NOZZLES | | 1 | | | |
| 1 | IP 2515/150 | Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0 | | 09/12/2003 | 10/12/2003 | Safety Issues |
| | EMB - ISI/SG INSPECTION | | 2 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 09/22/2003 | 09/26/2003 | Baseline Inspections |
| | ACCESSPI - ACRSA/PI | | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 09/29/2003 | 10/03/2003 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 09/29/2003 | 10/03/2003 | Baseline Inspections |
| | EMB - SSD&PC | | 6 | | | |
| 1 | IP 7111121 | Safety System Design and Performance Capability | | 11/03/2003 | 11/07/2003 | Baseline Inspections |
| 1 | IP 7111121 | Safety System Design and Performance Capability | | 11/17/2003 | 11/21/2003 | Baseline Inspections |
| | EMB - 50.59 | | 1 | | | |
| 1 | IP 7111102 | Evaluation of Changes, Tests, or Experiments | | 11/03/2003 | 11/07/2003 | Baseline Inspections |
| | ALARA3 - ALARA PLANNING AND CONTROLS | | 1 | | | |
| 1 | IP 7112102 | ALARA Planning and Controls | | 12/08/2003 | 12/12/2003 | Baseline Inspections |
| | OB-IN - INITIAL EXAM | | 4 | | | |
| 1 | X02259 | FT. CALHOUN - INITIAL EXAM (03/04) | | 02/09/2004 | 02/13/2004 | Not Applicable |
| 1 | X02259 | FT. CALHOUN - INITIAL EXAM (03/04) | | 03/15/2004 | 03/19/2004 | Not Applicable |
| | EMB - HX PERFORMANCE TESTING | | 1 | | | |
| 1 | IP 7111107B | Heat Sink Performance | | 03/01/2004 | 03/05/2004 | Baseline Inspections |
| | ALARA1 - ALARA PLANNING AND CONTROLS | | 1 | | | |
| 1 | IP 7112102 | ALARA Planning and Controls | | 05/03/2004 | 05/07/2004 | Baseline Inspections |
| | PSB-EP1 - EP PROGRAM INSPECTION | | 1 | | | |
| 1 | IP 7111402 | Alert and Notification System Testing | | 06/28/2004 | 07/02/2004 | Baseline Inspections |
| 1 | IP 7111403 | Emergency Response Organization Augmentation Testing | | 06/28/2004 | 07/02/2004 | Baseline Inspections |
| 1 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 06/28/2004 | 07/02/2004 | Baseline Inspections |
| 1 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | | 06/28/2004 | 07/02/2004 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 06/28/2004 | 07/02/2004 | Baseline Inspections |
| | ACCESSPI - ACRSA/PIV | | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 07/26/2004 | 07/30/2004 | Baseline Inspections |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Fort Calhoun
Inspection / Activity Plan
08/01/2003 - 09/30/2004

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|-------------|---------------------|--|----------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | OB-RQ | - OB-REQUALIFICATION | 2 | | | |
| 1 | IP 711111B | Licensed Operator Requalification | | 08/23/2004 | 08/27/2004 | Baseline Inspections |
| | RP TEAM | - RP SAFETY TEAM | 4 | | | |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 09/20/2004 | 09/24/2004 | Baseline Inspections |
| 1 | IP 7112201 | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems | | 09/20/2004 | 09/24/2004 | Baseline Inspections |
| 1 | IP 7112202 | Radioactive Material Processing and Transportation | | 09/20/2004 | 09/24/2004 | Baseline Inspections |
| 1 | IP 7112203 | Radiological Environmental Monitoring Program | | 09/20/2004 | 09/24/2004 | Baseline Inspections |

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