



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

APR - 8 1994

Docket: 50-285
License: DPR-40

Omaha Public Power District
ATTN: T. L. Patterson, Division Manager
Nuclear Operations
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 399, Hwy. 75 - North of Fort Calhoun
Fort Calhoun, Nebraska 68023-0399

SUBJECT: NRC INSPECTION REPORT 50-285/94-09

This letter is to advise you that a special inspection, which is entitled Maintenance Reliability Initiative (MRI), has been scheduled for the Fort Calhoun Station. During this inspection, we will review the course of activities associated with maintenance and surveillance functions. The inspection will not evaluate the program, but will evaluate the effectiveness of the maintenance program implementation by reviewing and observing current maintenance and surveillance activities; activities necessary to maintain structures, systems, and components (SSCs) operability and availability; and actions to preclude repeat problems. This inspection will review safety-related SSCs, and also important-to-safety SSCs. Prior to the inspection, we will inform you of two to three SSCs of specific interest.

We plan to conduct the inspection during the weeks of June 20 and July 11, 1994. The inspection effort for each of the 2 weeks will be performed by five inspectors, who will occasionally be accompanied by a Region IV supervisor. Our inspectors will require access to radiologically controlled areas, and knowledgeable escorts for certain tours.

We request that your staff conduct an informal presentation during the first day of the inspection on the Fort Calhoun Station maintenance and surveillance scheduling activities, equipment problems, maintenance backlogs, and maintenance organizational structure/responsibilities. Also attached to this letter is a list of documents and information that will need to be available at the beginning of the MRI inspection for examination.

The inspection team will be led by Mr. C. E. Johnson, Maintenance Branch, Division of Reactor Safety (DRS), of this office. The following individuals will assist in the team inspection:

- Mr. L. Ellershaw,
- Mr. V. Gaddy,
- Mr. J. Whittemore, and

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- An additional inspector, yet to be determined.

An entrance meeting should be scheduled for Monday, June 20 at 1 p.m. Your informal presentation can be immediately after the entrance. Site access training will be required for certain inspectors.

Should you have any questions concerning this inspection, please contact Mr. Claude Johnson or Dr. Dale Powers at (817) 860-8282 or 860-8195, respectively.

Thomas P. Gwynn

Thomas P. Gwynn, Director
Division of Reactor Safety

Attachment: As stated

cc w/attachment:

LeBoeuf, Lamb, Leiby & MacRae
ATTN: Mr. Michael F. McBride
1875 Connecticut Avenue, NW
Washington, D.C. 20009-5728

Washington County Board
of Supervisors
ATTN: Jack Jensen, Chairman
Blair, Nebraska 68008

Combustion Engineering, Inc.
ATTN: Charles B. Brinkman, Manager
Washington Nuclear Operations
12300 Twinbrook Parkway, Suite 330
Rockville, Maryland 20852

Nebraska Department of Health
ATTN: Harold Borchert, Director
Division of Radiological Health
301 Centennial Mall, South
P.O. Box 95007
Lincoln, Nebraska 68509-5007

Fort Calhoun Station
ATTN: James W. Chase, Manager
P.O. Box 399
Fort Calhoun, Nebraska 68023

E-Mail report to D. Sullivan (DJS)

bcc to DMB IE01
 bcc distrib. by RIV:

L. J. Callan
 DRSS-FIPB
 Branch Chief (DRP/D)
 RIV File
 Lisa Shea, RM/ALF, MS: MNBB 4503
 Lee Ellershaw
 John Whittemore

Resident Inspector
 MIS System
 Project Engineer (DRP/D)
 Branch Chief (DRP/TSS)
 Senior Resident Inspector - Cooper
 Vincent Gaddy

RIV/RI/DRS*	C:MB <i>XOP</i>	ADD/DRS <i>Jam</i>	D:DRP <i>fa</i>	D:DRS <i>Jam</i>
CEJohnson	DAPowers	JAMitchell	ABBeach	TPGwynn
1 / 94	03 / 28 / 94	4 / 5 / 94	4 / 6 / 94	4 / 8 / 94

*Previously concurred

ATTACHMENT

Please provide the following documents or information for review at the beginning of the MRI inspection:

1. Administrative procedures that define, control, and implement corrective, predictive, and preventive maintenance activities (including Balance of Plant).
2. Description of the maintenance planning functions, including the routine meeting process for planning, scheduling, and status reporting.
3. Description of maintenance/operations interface during planning, scheduling, work closeout, and post-maintenance/functional testing.
4. Procedures that describe the implementation of the work control process (i.e., how work orders are started, planned, executed, completed, closed out, and equipment returned to service).
5. Description of post-maintenance/modification testing and associated requirements.
6. Description of the craft training and retraining requirements, general experience level for each craft discipline, turnover rate of craft personnel, and mechanism for processing training requests.
7. Description of interface between engineering support, QA/QC and maintenance departments.
8. Requirements for conduct of maintenance work, troubleshooting, work close out, and returning of equipment/systems to normal lineups.
9. Description of methods by which the performance of the maintenance department is measured or trended (i.e., performance indicators, self-assessments, frequency, involved personnel).
10. Description of communication process with vendors for technical services, technical information on equipment and systems, training, and modification or replacement of equipment and systems.
11. Description of the work assignment process (e.g., how foremen decide on which craft performs what type work).
12. Maintenance Work Order (MWO):
 - Current number of non-outage corrective MWOs by priority;
 - Definition of priorities;
 - Current number of preventive MWOs overdue;

- Rate of completion of corrective MWOs in terms of number completed, and craft man-hours expended for the past 4 months;
- Status of current MWOs (i.e., number in planning, number in final signoff, number on hold for lack of parts, number on hold for engineering assistance, number available to be worked); and
- Number of MWOs requiring rework over past the 6 months.

13. LERs (Last 3 years):

- Safety-related equipment failure leading to a plant shutdown or ESF actuation.
- Non-safety-related equipment failure leading to a plant shutdown or ESF actuation.

E-Mail report to D. Sullivan (DJS)

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bcc distrib. by RIV:

L. J. Callan
DRSS-FIPB
Branch Chief (DRP/D)
RIV File
Lisa Shea, RM/ALF, MS: MNBB 4503
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