

DEC 27 1990

Docket No. 50-285/91-01  
License No. DPR-40

Omaha Public Power District  
ATTN: W. G. Gates, Division Manager  
Nuclear Operations  
444 South 16th Street Mall  
Mail Stop 8E/EP4  
Omaha, Nebraska 68102-2247

Gentlemen:

This is to advise you of an electrical distribution system functional inspection (EDSFI) that has been scheduled at the Fort Calhoun Station, during the weeks of March 18-22, and April 1-5, 1991. This letter confirms the telephone discussion between Mr. T. O. McKernon of this office and Mr. C. Simmons of your staff on December 14, 1990.

The team leader and principal contact for this inspection is Mr. McKernon. The inspection team will consist of approximately seven inspectors made up of NRC personnel and consultants. Mr. J. E. Gagliardo, the Region IV Program Manager for Generic Team Inspections, will also accompany the team for part of the inspection.

As part of the preparation for this inspection, the team desires to hold meetings with appropriate members of your staff at the Fort Calhoun Station site during the week of March 4, 1991. A schedule of these meetings will be proposed to you in the future. The purpose of these meetings will be to define the scope of the inspection, to discuss interfaces between the team and your staff, and to have the team members present receive the training necessary to be badged for unescorted access. Additional information to support badging of the team members for unescorted access will be provided to you in separate correspondence. It is requested that you provide those to be badged with any required site-specific training.

The inspection team is scheduled to arrive on site the morning of March 18, 1991, at approximately 11 a.m., and those team members not previously badged during the preparatory trip will require the appropriate training.

The inspection team would like to schedule an entrance meeting at approximately 1 p.m., on March 4, 1991. An exit meeting will be scheduled for the morning of the final day of the inspection. The team leader will conduct a daily debriefing with your staff regarding preliminary findings and concerns that may require prompt attention.

RIV:RI:OPS\*  
TMckernon/cjg  
/ /90

C:OPS\*  
JGagliardo  
/ /90

D:DRS\*  
LJCallan  
/ /90

DRP  
JCollins  
12/26/90

\*previously concurred

9101040034 901227  
PDR ADOCK 05000285  
Q PDR

*IFOL 1/1*

Attached to this letter is a list of material that the team will require in order to prepare for this inspection. If possible, this material should be made available to the team leader during the preparatory trip scheduled for March 4-6, 1991.

Should you have any questions regarding this team inspection, please contact Mr. McKernon at (817) 860-8153 or Mr. Cagliardo (817) 860-8270.

Sincerely,

Original Signed By:  
Thomas P. Gwynn

Samuel J. Collins, Director  
Division of Reactor Projects

Attachment: as stated

cc w/attachment:

LeBoeuf, Lamb, Leiby & MacRae  
ATTN: Harry H. Voigt, Esq.  
1333 New Hampshire Avenue, NW  
Washington, D.C. 20036

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

Fort Calhoun Station  
ATTN: T. L. Patterson, Manager  
P.O. Box 399  
Fort Calhoun, Nebraska 68023

MIS System

DRP

Project Engineer (DRP/C)

DRS

Senior Resident Inspector - Cooper

Senior Resident Inspector - River Bend

A. Bournia, NRR Project Manager (MS: 13-D-18)

T. McKernon

T. McKernon Reading File

RIV File

RSTS Operator

Lisa Shea, RM/ALF

J. Gagliardo

## ATTACHMENT

To support the upcoming electrical distribution system functional inspection (EDSFI), please provide the following documents or information:

- ° Organizational chart - design engineering, electrical system engineering, and plant management
- ° Setpoints and time delays for protective relays for attributes such as under-voltage, under frequency, reverse power, differential current, thermal overload, and phase synchronization affecting safety-related circuitry
- ° Mechanical load checks such as pump horsepower for safety-related pumps and the correspondence to actual operating points during normal and accident conditions and translation of mechanical loads to electrical loads
- ° Electrical load lists for safety buses
- ° Technical description of electrical distribution system supporting systems such as emergency diesel generator air start, cooling water, fuel oil storage and transfer, and heating, ventilation, and air conditioning for electrical equipment rooms
- ° Switch yard design, availability and description of bus transfers, and independence between onsite and offsite distribution system
- ° Procedures controlling the root cause analysis process, associated corrective actions and 10 CFR 50.59 evaluations
- ° Procedure controlling the design modification process including the control of temporary modification
- ° Metering and test equipment control procedures
- ° Engineering calculation performance and control programs
- ° Electrical load growth monitoring and control programs
- ° Setpoint calculation and control program
- ° Licensee self-assessment programs, including past QA audits which covered in whole or significant part the electrical distribution system
- ° Control of vendor information program
- ° "Q" list

The above list is not all inclusive. Additional information may be requested by the individual team members during the inspection.