

Docket No. 50-285
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 letter is to advise you that a special inspection which is entitled Fuel Integrity and Reactor Subcriticality (FIRS) has been scheduled for the Fort Calhoun Station during this upcoming refueling outage. Our preliminary intentions for this regional initiative inspection were discussed with Messrs. Jeff Cook and Jeff Spilker of your staff on January 23, 1992.

The inspection effort will consist of two or three inspectors who may be accompanied by a Region IV manager during a portion of the inspection. The inspection will be conducted over the period of two separate weeks.

As part of the preparation for this inspection, a visit has been scheduled by the lead inspector, Dr. Dale Powers, for January 29-30, 1992. During this visit, Dr. Powers will update his site badging, review your detailed outage schedule to establish the appropriate dates for the inspection, and obtain the documents needed for in-office review by the inspectors. Attached to this letter is a list of documents that will be examined during the FIRS inspection. If possible, most of this material should be made available for preliminary review during Dr. Power's visit.

Should you have any questions regarding this inspection initiative, please contact Dr. Powers at (817) 860-8195.

Original Prepared By:
Thomas P. Gwynn

A. Bill Beach, Director
Division of Reactor Projects

Attachment: As Stated

RIV:SRI:TPS* C:TPS*
DAPowers/lb JEGagliardo
01/ /92 01/ /92
*previously concurred

D:DRS
for SJCcollins
01/27/92

D:DRP
for ABBeach
01/27/92

9202040002 920127
PDR ADOCK 05000285
G PDR

cc w/Attachment:

LeBoeuf, Lamb, Leiby & MacRae
ATTN: Harry H. Voigt, Esq.
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

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

bcc w/Attachment:
bcc to DMB (IE01)

bcc distrib. by RIV:

R. D. Martin
DRSS-RPEPS
MIS System
DRP
Project Engineer (DRP/C)
DRS
Senior Resident Inspector - Cooper
Senior Resident Inspector - River Bend
D. A. Powers
J. E. Gagliardo

Resident Inspector
Section Chief (DRP/C)
RIV File
RSIS Operator
Lisa Shea, RM/ALF

H. F. Bundy

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ATTACHMENT

REQUESTED RECORDS FOR FIRS INSPECTION

1. RECORDS THAT DESCRIBE ANY CORRECTIVE ACTIONS TAKEN IN RESPONSE TO THESE SPECIFIC INFORMATION NOTICES RELATED TO FUEL:
 - 81-23
 - 84-93 & BULLETIN 84-03
 - 85-12
 - 86-06
 - 86-58
 - 87-19
 - 88-65
 - 88-92 & SUPPLEMENT 1
 - 89-31
 - 89-51 & BULLETIN 89-03
 - 90-77 & SUPPLEMENT 1
 - 91-26
2. RECORDS RELATED TO ANY EVENTS INVOLVING INADEQUATE SHUTDOWN MARGIN OR FUEL DAMAGE.
3. RECORDS THAT DESCRIBE THE LICENSEE'S PROCESS FOR REVIEWING VENDOR-SUPPLIED, POST-INSTALLATION SERVICE INFORMATION RELATED TO FUEL HANDLING EQUIPMENT.
4. RECORDS THAT DESCRIBE TO WHAT EXTENT THE LICENSEE CONFORMS TO SECTION 5.3.7.5, "FUEL HANDLING PROCEDURES," OF ANSI/ANS-3.2, "ADMINISTRATIVE CONTROLS AND QUALITY ASSURANCE FOR THE OPERATIONS PHASE OF NUCLEAR POWER PLANTS."
5. RECORDS DESCRIBING LINES OF AUTHORITY, REQUIRED PERSONNEL, AND ALLOWED EXTENT OF WORK HOURS DURING REFUELING OPERATIONS.
6. CRITICAL PATH SCHEDULE FOR THE NEXT REFUELING OUTAGE. ADMINISTRATIVE CONTROLS TO ENSURE FUEL BUILDING INTEGRITY DURING FUEL HANDLING.
7. SPECIAL NUCLEAR MATERIAL MOVEMENT PLAN FOR THE NEXT REFUELING OUTAGE.
8. RECORDS DESCRIBING PROCEDURAL CONTROLS TO PRECLUDE LOOSE PARTS IN THE REACTOR COOLANT SYSTEM OR REFUELING WATER, AND ANY RECORDS OF INVENTORY OF BRIDGE COMPONENT PARTS FOR CONTAINMENT AND THE FUEL BUILDING.
9. RECORDS SPECIFYING PRIMARY SYSTEM WATER CLARITY NECESSARY FOR CONDUCTING REFUELING OPERATIONS; AND RECORDS DESCRIBING EQUIPMENT (E.G., BINOCULARS, UNDERWATER CAMERAS, SURFACE FLOATERS, LIGHTING) TO ENABLE ADEQUATE VISIBILITY FOR CORE MANIPULATIONS.
10. PROCEDURES FOR LOADING SPENT FUEL RODS, FUEL ASSEMBLIES, OR CONTROL RODS INTO TRANSPORTATION CASKS.
11. PROCEDURES FOR UNLOADING FRESH FUEL ASSEMBLIES, RECEIPT INSPECTION,

MOVEMENT OF FUEL INTO THE SPENT FUEL POOL, AND THE TRANSFER OF THE FUEL INTO THE REACTOR CORE.

12. PROCEDURAL OPERABILITY (ESPECIALLY CALIBRATION) RECORDS ON THE FUEL BUILDING BRIDGE HOIST AND THE CONTAINMENT BRIDGE REFUELING MAST LOAD LIMITING CIRCUITS.
13. RECORDS GENERATED THAT DESCRIBE REFUELING PROBLEMS EXPERIENCED AS A RESULT OF FUEL ASSEMBLY BOW, TWIST, FALLING, OR SNAGGING; AND PROCEDURES DESCRIBING OPERATOR ACTIONS TO RECOVER FROM SUCH EVENTS.
14. RECORDS DESCRIBING THE QUALIFICATION REQUIREMENTS NEEDED OF NON-LICENSED INDIVIDUALS (INCLUDING CONTRACTORS) WHO CONDUCT OR DIRECT FUEL HANDLING ACTIVITIES.
15. PROCEDURES FOR ESTABLISHING REFUELING BRIDGE AND CRANE INTERLOCKS, AND RECORDS FOR VERIFYING THE CORE INDEXING SYSTEM.
16. RECORDS THAT DESCRIBE THE DESIGN (E.G., SPACING, BORON CONCENTRATION) OF SPENT FUEL RACKS, AND ANY RECORDS THAT DESCRIBE THE ADMINISTRATIVE CONTROLS TO RESTRICT THE TYPES OF FUEL THAT CAN BE PLACED IN THE RACKS.
17. RECORDS THAT DESCRIBE HOW THE LICENSEE PRECLUDES HEAVY LOADS FROM BEING TRANSPORTED OVER THE SPENT FUEL POOL.
18. OPERATIONAL PROCEDURES FOR MONITORING PRIMARY WATER BORON CONCENTRATION DURING REFUELING OPERATIONS.
19. PROCEDURES THAT DESCRIBE THE CORE LOAD AND VERIFICATION PROCESSES.
20. PROCEDURES FOR MOVING THE HEAD AND UPPER INTERNALS PACKAGE.
21. RECORDS DESCRIBING FIELD MODIFICATIONS TO FUEL ASSEMBLIES AND CONTROL RODS, AND THE USE OF 10 CFR 50.59 FOR SUCH MODIFICATIONS.
22. RECORDS DESCRIBING THE POLICY ON CONDUCTING POST-IRRADIATION EXAMINATIONS OF SPENT FUEL AND CONTROL RODS.
23. RECORDS THAT DESCRIBE THE ADMINISTRATIVE CONTROLS AND PREVENTIVE MAINTENANCE PROGRAM ON THE FUEL TRANSFER SYSTEM AND THE SPENT FUEL POOL TRANSFER GATES AND PNEUMATIC SEALS.

NOTES: 1. RECORDS OLDER THAN 10 YEARS ARE NOT OF INTEREST.
2. ONLY CURRENT VERSIONS OF FUEL HANDLING PROCEDURES ARE OF INTEREST.