



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

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

MAY 26 1992

Docket No. 50-285/92-03  
License No. DPR-40

Omaha Public Power District  
ATTN: W. G. Gates, Division Manager  
Nuclear Operations  
444 South 15th Street Mall  
Mail Stop 8E/EP4  
Omaha, Nebraska 68102-2247

Gentlemen:

SUBJECT: NOTICE OF VIOLATION (NRC INSPECTION REPORT NO. 50-285/92-03)

This refers to the Fuel Integrity and Reactor Subcriticality (FIRS) inspection conducted by Dr. Dale A. Powers and Mr. Howard F. Bundy of this office during the periods January 29-30, February 18-21, and April 20-24, 1992, of activities authorized for your Fort Calhoun Station and to the discussion of our findings with Mr. William C. Jones, you, and other members of your staff at the conclusion of the inspection.

Areas examined during the inspection included in-core fuel loading and fuel storage configurations, core component performance, outage work controls and critical path scheduling, potential for fuel-related problems identified at other facilities, fuel handling procedures and practices, post-irradiation examinations of fuel assemblies, and the disposition of degraded core components.

Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspectors. The inspection findings are documented in the enclosed inspection report.

Based on the results of this inspection, certain of your activities appeared to be in violation of NRC requirements as specified in the enclosed Notice of Violation (Notice). The violation concerns the failure to implement your pre-established controls to preclude foreign materials from entering the refueling cavity and the spent fuel pool exclusion areas. Various examples of the violation were identified by the inspectors during fuel off-loading from the core. Subsequently, your quality control and assurance personnel identified similar examples of the violation. As discussed in the enclosed report, the immediate corrective actions taken in response to the identification of the violation were prompt and comprehensive. The long-term corrective actions that were planned are considered adequate.

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Although Section 2.201 requires you to submit to this office, within 20 days of receipt of this Notice, a written statement of explanation, we note that this violation had been corrected and those actions were reviewed during this inspection. Therefore, no response with respect to this matter is required. The NRC will followup on the implementation of your corrective actions during future inspections.

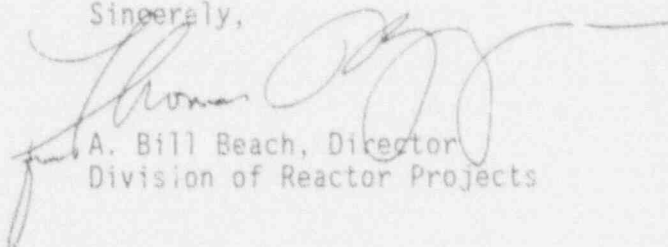
In paragraph 2.10 of the enclosed inspection report, it is noted that during the April 24, 1992, exit meeting, the inspectors had characterized as an apparent violation an issue involving an erroneous alarm setpoint on the component cooling water system heat exchanger temperature. This particular alarm setpoint was to provide indication of the inadequacy of cooling for the spent fuel pool. Your staff provided additional information on the issue during the exit meeting. On April 27, 1992, following regional management review, the inspector informed your representative that the issue would be characterized as an inspection followup item. We note that, although this particular alarm setpoint problem may be an isolated example, the setpoint calculation and control program at the Fort Calhoun Station was previously considered a weakness in NRC Inspection Report 50-285/91-01.

During the inspection, it was determined that a specific vital-to-vital area barrier had not been posted with a security officer when certain periodic surveillance/maintenance activities had degraded that barrier. The integrity of this unposted barrier is discussed in paragraph 3 of the report and has been identified as an unresolved item. The issue will be resolved by NRC inspectors in a subsequent inspection.

In accordance with 10 CFR Part 2.790 of the NRC's "Rules of Practice for Domestic Licensing Proceedings," a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



A. Bill Beach, Director  
Division of Reactor Projects

Enclosures:

1. Appendix A - Notice of Violation
2. Appendix B - NRC Inspection Report  
50-285/92-03 w/Attachments

cc w/enclosures:

LeBoeuf, Lamb, Leiby & MacRae  
ATTN: Harry H. Voigt, Esq.  
1875 Connecticut Avenue, NW  
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Washington County Board  
of Supervisors  
ATTN: Jack Jensen, Chairman  
Blair, Nebraska 68008

Combustion Engineering, Inc.  
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12300 Twinbrook Parkway, Suite 330  
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Nebraska Department of Health  
ATTN: Harold Borchert, Director  
Division of Radiological Health  
301 Centennial Mall, South  
P.O. Box 95007  
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Fort Calhoun Station  
ATTN: T. L. Patterson, Manager  
P.O. Box 399  
Fort Calhoun, Nebraska 68023

bcc to DMB (IE01)

bcc distrib. by RIV:

R. D. Martin	Resident Inspector
DRSS-RPEPS	Section Chief (DRP/C)
MIS System	RIV File
DRP	RSTS Operator
Project Engineer (DRP/C)	Lisa Shea, RM/ALF
DRS	H. F. Bundy
Senior Resident Inspector - Cooper	
Senior Resident Inspector - River Bend	
D. A. Powers	
L. E. Phillips, NRR	
J. Gagliardo	

RIV:TPS*	RI:TPS*	C:TPS*	D:TPS	D:DRP
DA Powers/lb	HFBundy	JEGagliardo	SJCollins	ABBeach
1/92	1/92	1/92	5/24/92	5/24/92

\*previously concurred

bcc to DMB (TE01)

bcc distrib. by RIV:

R. D. Martin	Resident Inspector
DRSS-RPEPS	Section Chief (DRP/C)
MIS System	RIV File
DRP	RSTS Operator
Project Engineer (DRP/C)	Lisa Shea, RM/ALF
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Senior Resident Inspector - Cooper	
Senior Resident Inspector - River Bend	
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RIV:TPS <i>AP</i>	RIV:TPS <i>HFB</i>	C:TPS <i>JEG</i>	D:DRS	D:DRP
DAPowers/lb	HFBundy	JEGaghiardo	SJCollins	ABBeach
5/18/92	6/19/92	6/19/92	/ /92	/ /92