

October 25, 1996

Mr. Terry L. Patterson  
Division Manager - Nuclear Operations  
Omaha Public Power District  
Fort Calhoun Station FC-2-4 Adm.  
Post Office Box 399  
Hwy. 75 - North of Fort Calhoun  
Fort Calhoun, Nebraska 68023-0399

SUBJECT: FORT CALHOUN STATION, UNIT NO. 1 - AMENDMENT NO. 178 TO FACILITY  
OPERATING LICENSE NO. DPR-40 (TAC NOS. M96089 AND M96384)

Dear Mr. Patterson:

The Commission has issued the enclosed Amendment No. 178 to Facility Operating License No. DPR-40 for the Fort Calhoun Station, Unit No. 1. This amendment consists of changes to the Technical Specifications (TS) in response to your application dated July 15, 1996, as supplemented by letters dated September 3, 1996, October 22, 1996, October 24, 1996, and application dated August 23, 1996.

The amendment changes Section 4.3.2 of the technical specifications to allow the use of zircaloy or ZIRLO fuel cladding and to use depleted uranium as reactor fuel material. Additionally, the changes to Section 5.9.5 add Westinghouse Topical Reports, WCAP-12610-P-A, "VANTAGE + Fuel Assembly Report," and WCAP-13027-P, "Westinghouse ESSC Evaluation Model for Analysis of CE-NSSS," to the list of approved analytical methods for determining the core operating limits.

A copy of our related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

Original Signed By Steven Bloom for  
L. Raynard Wharton, Project Manager  
Project Directorate IV-2  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-285

Enclosures: 1. Amendment No. 178 to DPR-40  
2. Safety Evaluation

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GHill (2), T5C3

OGC, 015B18  
WJohnson, RIV  
JKilcrease, RIV  
TCollins  
FOrr  
LKopp

\*For previous concurrences  
see attached ORC

DOCUMENT NAME: FCS96089.AMD

OFC	PDIV-2	PDIV-2	SRXB*	OGC <i>WJ</i>
NAME	RWharton	EPeyton	RJones	<i>WJ</i>
DATE	10/24/96	10/24/96	10/17/96	10/24/96

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Division of Reactor Projects - III/IV  
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DOCUMENT NAME: FCS96089.AMD

OFC	PDIV-2	PDIV-2	SRXB*	OGC <i>WJ</i>
NAME	RWharton	EPeyton	RJones	<i>M. Jones</i>
DATE	10/24/96	10/24/96	10/17/96	10/24/96

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

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Division Manager - Nuclear Operations  
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Sincerely,

A handwritten signature in dark ink, appearing to read "L. Raynard Wharton", is written over the typed name.

L. Raynard Wharton, Project Manager  
Project Directorate IV-2  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-285

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cc w/encls: See next page

Mr. Terry L. Patterson

- 2 -

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cc w/encls:

Winston & Strawn

ATTN: Perry D. Robinson, Esq.

1400 L Street, N.W.

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Mr. Jack Jensen, Chairman

Washington County Board

of Supervisors

Blair, Nebraska 68008

Mr. Wayne Walker, Resident Inspector

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Fort Calhoun, Nebraska 68023

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