



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

Docket No.: 50-445
and 50-446

FEB 12 1985

Mrs. Leo A. Drey
515 West Point Avenue
University City, Missouri 63130

Dear Mrs. Drey:

Subject: Use of Hafnium as the Neutron Absorber in the
Comanche Peak Control Rods

This letter is in response to your request to Mr. Clyde Wisner, NRC-Region IV, concerning the use of hafnium as the neutron absorber in the Comanche Peak control rods. The design of the Comanche Peak fuel system, including the rod cluster control assemblies is described in the applicant's Final Safety Analysis Report, Section 4.2. This document is available for inspection and copying in the NRC Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Somervell County Library, P. O. Box 417, Glen Rose, Texas 76403.

The NRC staff's evaluation of the use of hafnium as the neutron absorber in the Comanche Peak control rods is discussed in the following three references:

- 1) Safety Evaluation Report (SER), NUREG-0797, dated July 1981;
Pages 4-1, 4-2 and 4-11;
- 2) Supplement No. 1 to the SER, NUREG-0797, dated October 1981;
Pages 4-1 and 4-2;
- 3) Supplement No. 6 to the SER, NUREG-0797, dated November 1984;
Page 4-1.

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I am enclosing a copy of Section 4 of the above three safety evaluation reports. These reports are available from the NRC Public Document Room, 1717 H Street N. W., Washington, D. C. 20555; and the NRC/GPO Sales Program, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555.

Sincerely,

ORIGINAL SIGNED BY:

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Enclosures:
As stated

cc: C. Wisner, Region IV

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