



KERR-MCGEE CORPORATION

KERR-MCGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

40-8027

PDR

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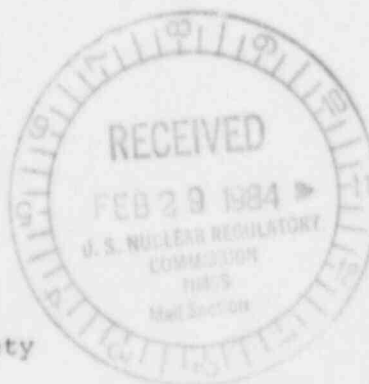
ENVIRONMENT AND HEALTH MANAGEMENT DIVISION

February 24, 1984

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

William T. Crow
Fuel Processing & Fabrication Branch
Division of Fuel Cycle & Material Safety
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



Re: License SUB-1010
Docket 40-8027



Dear Mr. Crow:

Enclosed are reports by H.K. van Poolen & Associates and J.L. Ahern and R.L. Dubois of the University of Oklahoma regarding the initial injection of 5 million gallons of treated raffinate into the disposal well.

As you can see from the van Poolen report, the reservoir is finite and has a capacity of 450 million gallons. The University of Oklahoma report states that no seismic activity was generated by the injection.

In accordance with our discussion, a copy of the reports and an annotated pressure graph is being furnished to Dr. Warner at the University of Missouri for his review.

If you require additional information, please call me at (405) 270-2631.

Sincerely,

W.J. Shelley
W.J. Shelley, Vice President
Nuclear Licensing & Regulation

WJS/br

Enclosures: (2) as stated

cc: Dr. Don Warner, University of Missouri

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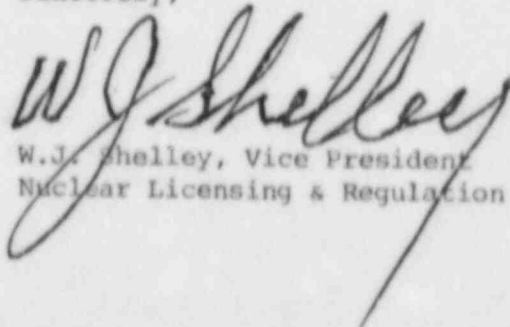
Don Warner, Ph.D.
Department of Geology
University of Missouri
Rolla, Missouri 65401

Dear Dr. Warner:

In accordance with instructions of the U.S. Nuclear Regulatory Commission, attached are reports on the initial injection of 5 million gallons in the Sequoyah deep well. These reports favor the continued use of the deep well.

Under separate cover, a large annotated pressure versus time graph is being sent to you. If we can supply additional information, please contact Dr. W.J. Ganus at (405) 270-2658 or the writer at (405) 270-2631.

Sincerely,



W.J. Shelley, Vice President
Nuclear Licensing & Regulation

WJS/br

Enclosures: (2) As Stated

cc: William T. Crow, U.S. Nuclear Regulatory Commission