

JUL 18 1994

Docket No. 70-0925
License No. SNM-928

Mr. Edwin Still
Environmental and Health
Management Division
Kerr-McGee Corporation
Kerr-McGee Center
Oklahoma City, OK 73125

Dear Mr. Still:

To complete the review of Kerr-McGee's license amendment request to dispose of contaminated soil on the Cimarron site, the Nuclear Regulatory Commission staff needs additional information related to the distribution coefficient (K_d) of the contaminated material to be placed into the disposal cell. Therefore, the staff requests that Kerr-McGee estimate the K_d by conducting laboratory analyses on representative samples from the soil to be placed into the cell.

Please provide, for NRC approval, the methods proposed for collecting the representative samples and estimating the K_d . After completing the sampling and analyses, in accordance with NRC approved procedures, please submit the results for NRC review.

If you have any questions, please contact me on (301) 415-7297, or David N. Fauver on (301) 415-6625.

Sincerely,

John H. Austin, Chief
Low-Level Waste and Decommissioning
Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

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