

70-3073



KERR-McGEE CORPORATION
KERR-McGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

June 6, 1994

Mr. Scott Thompson
Oklahoma Department of Environmental Quality
1000 N.E. 10th Street
P.O. Box 53551
Oklahoma City, Oklahoma 73117-1212

Re: Cushing Refinery Site
Phase I Remedial Design

Dear Mr. Thompson:

Kerr-McGee Corporation (KMC) has prepared the Phase I Remedial Design (RD) report for the cleanup of acidic hydrocarbon sludges at its Cushing refinery site. The enclosed report outlines the treatment process, details the construction of the engineered disposal cells, presents the QA/QC program, and defines the post-closure monitoring program.

Also enclosed as background information is the Other Industrial Waste Disposal Cell Site Characterization report and the Report on Hydrologic Evaluation of Landfill Performance. These documents report on work performed to determine the acceptability of disposal cell sites and disposal cell construction criteria.

Finally, KMC has included the Sampling and Analysis Plan generated for the site, which was previously approved by the Oklahoma State Department of Health. This Sampling and Analysis Plan, resubmitted without the laboratory QA/QC program, is included because it is frequently referenced in the remedial design.

KMC believes the above referenced reports provide sufficient detail on the treatment and disposal of the acidic hydrocarbon sludges to obtain ODEQ approval. If you have any questions or comments please contact me at 270-2694.

Sincerely,

Jeff Lux

cc: Rick Reiley, Citizens' Oversight Committee
Gene Smith, ODEQ Radiation Management (RD only)
John Austin, Nuclear Regulatory Commission
Bob Evans, Nuclear Regulatory Commission (RD only)

Attachment

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