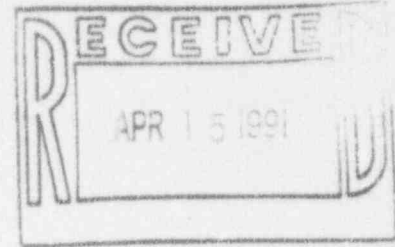


70-3073



KERR-McGEE CORPORATION

KERR-McGEE CENTER • OKLAHOMA CITY OKLAHOMA 73125



ENVIRONMENT AND HEALTH MANAGEMENT DIVISION

April 9, 1991

Certified - Return Receipt

Mr. Damon Wingfield
Waste Management Service
Oklahoma State Department of Health
P. O. Box 53551
Oklahoma City, OK 73125

Re: Cushing Site

Dear Mr. Wingfield:

Pursuant to Section IX.2 of the Consent Order entered in State of Oklahoma v. Kerr-McGee Corporation, No. C-90-91-h, Kerr-McGee Corporation hereby submits the attached written progress report for the month of March 1991.

Please call me at (918) 225-7753 if you have any questions about this report.

Sincerely,

James E. Cleveland
Project Coordinator

JEC:lld

Attachment

xc: Bill Fisher - U. S. NRC, Arlington, Texas
William M. Kemp - Radiation Protection Service
Glen Sjoblom - U. S. NRC, Washington, D.C.
Kerr-McGee Citizens' Oversight Committee

09-089

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CUSHING SITE REMEDIAL ACTION

Pursuant to Section IX.2 of Consent Order No. C-90-91H of the District Court of Payne County, State of Oklahoma, Kerr-McGee Corporation hereby submits the Cushing Remedial Action progress report for the month of March 1991.

RADIOLOGICAL INVESTIGATION AND REMEDIATION

Site Characterization

A gamma survey completed during February along the north and south banks of Skull Creek from the process building to the county road bridge indicated several areas of radioactive contamination. The survey of creek bed sediments will be performed when the water level of the creek permits.

Processing Site

Cleaning of the floor and walls in the processing building using the steel shot vacuum blasting machine to remove radioactive contamination is continuing. Uranium contamination from the floor seams and paint from the south wall are being removed to background levels in most areas.

The radioactive assessment report is being prepared and will be submitted to OSDH May 4, 1991.

The basement area under the process building has been cleaned and the walls and floor have been surveyed. Contamination is limited to the east wall directly under a seam in the floor of the process building. Removal of contamination in this area is scheduled to start in May.

Completed removal of the uranium process building drain system. The septic tank was moved into the process building for processing and shipment as radioactive waste.

Removal and decontamination or disposal of the thorium building floor is continuing.

REFINERY REMEDIATION

Refinery Site Cleanup


Dr. Tucker's recommendations for seeding the refinery site south of Skull Creek have been received and the seed was ordered. Final slope preparation is continuing.

Ten limestone dikes have been placed along Skull Creek to improve water quality on Kerr-McGee property.

The final response to the OSDH comments on the Remedial Investigation and Feasibility Study is being prepared by Kerr-McGee and will be submitted April 12, 1991.

FUTURE ACTIVITIES

1. The next meeting of the Citizen's Oversight Committee Meeting is scheduled for April 11, 1990.
2. Work will continue on the process building cleanup.
3. The refinery area will be seeded in April.
4. Cleanup and contouring will continue south and west of the refinery site.


James E. Cleveland
Project Coordinator
Kerr-McGee Corporation