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KERR-McGEE CORPORATION

POST OFFICE BOX 89 • CUSHING, OKLAHOMA 74023

TECHNOLOGY & ENGINEERING DIVISION

January 10, 1994

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Dear Mr. Thompson:

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 December, 1993.

If you have any questions or comments, please contact me at (405) 270-2637 (OKC) or (918) 225-7753 (Cushing).

Sincerely,

Jeff Ostmeyer
Site Coordinator
Kerr-McGee Technology and Engineering Division

cc:
Bill Fisher - U.S. NRC, Arlington, Texas
David N. Fauver - U.S. NRC, Washington, D.C.
Kerr-McGee Citizens' Oversight Committee

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RADIOLOGICAL INVESTIGATION AND REMEDIATION

No radiological field work was performed in December. Radiological efforts in December were directed toward implementation of changes required by new 10 CRF 20 regulations effective 1-1-94.

Work on the Cushing Site Decommissioning Plan and Unaffected Area Survey Plan continued in December. Five chapters of the SDP were reviewed in December. The soil counting system modifications were completed and MDA's were calculated. Operating procedures have not been completed. A MINAXI automated counting system was ordered in December.

NON-RADIOLOGICAL ASSESSMENT AND REMEDIATION

Surface water that accumulated on waste pits and seepage from the french drain were transferred to treating ponds and neutralized. No water was discharged from Treating Ponds 1 or 5 during December.

Oil recovery from the interceptor trench sumps along Skull Creek continued in December. Some oil seepage is occurring along the west bank of Skull Creek, and is being contained and collected with absorbent booms and pads. It appears that some hydrocarbon may be passing under a portion of the west oil interceptor trench.

Fluor Daniel Williams Brothers and Kerr-McGee are working on the remedial design, particularly the disposal cell evaluation which is now complete. A draft post-closure monitoring plan was near completion as well.

ACTIVITIES PLANNED FOR JANUARY 1994

Radiological

1. Continue preparation of radiation safety procedures.
2. Work on soil counter confirmation with Mr. Jim Berger, ORISE.
3. Continue work on Site Decommissioning Plan and Unaffected Area Survey Plan.
4. Submit license ammendment to request an extension for the SDP from February 1, 1994 to May 1, 1994.
5. Begin installation of MINAXI soil counter system.
6. Drill four bore holes in the southeastern portion of the site to evaluate the area for a potential disposal cell for low-level radioactive material.

Non-radiological

1. Continue to recover oil from the interceptor trench and off the surface of Skull Creek before it leaves the site.
2. Continue neutralizing and discharging water from waste pits.
3. Maintain limestone dams in drainage around Pits 2 and 3.
4. Continue work on Remedial Design, in particular:
- complete disposal cell design,
5. Install monitor well in northwest corner of site.