



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064  
September 14, 1999

Mr. S. Jess Larsen, Vice President  
Kerr-McGee Center  
P.O. Box 25861  
Oklahoma City, Oklahoma 73125

SUBJECT: NRC INSPECTION REPORT 70-925/99-01

Dear Mr. Larsen:

On July 9, 1999, the NRC concluded the onsite portion of an inspection of the Cimarron site near Crescent, Oklahoma. On August 17, 1999, the NRC held a telephonic exit briefing with you and a member of your staff concerning the results of the inspection and NRC analysis of confirmatory soil samples obtained during the inspection. The enclosed report presents the scope and results of the inspection.

This inspection covered the remediation of Sub-Area O and verification that soil in Waste Ponds 1 and 2 met NRC acceptance criteria. Soil sampling activities conducted by your staff were observed. Twelve soil samples were collected from Sub-Area O for analysis by the NRC. As part of the NRC's confirmatory sampling program for the Cimarron site, the results of these soil samples were compared with the results of the soil samples collected at the same locations by Cimarron. The results of the 12 NRC soil samples were found to be consistent with the licensee sample results. These confirmatory sample results provided additional assurance that residual soil contamination in Waste Ponds 1 and 2 met the NRC Branch Technical Position Option 1 criteria and the averaging guidance agreed to under the Cimarron letter dated February 25, 1997.

Additionally, this inspection included a review of management controls, final status survey data, radiation protection, instrument calibration records, environmental protection and quality assurance audit reports.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room. Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Dwight D. Chamberlain, Director  
Division of Nuclear Materials Safety

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License: SNM-928

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Enclosure:  
NRC Inspection Report  
70-925/99-01

cc w/enclosure:  
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E-Mail report to Document Control Desk (DOCDESK)

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