

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Reports No. 70-1193/81-01; 70-925/81-01

Docket No. 70-925 License No. SNM-928 Safeguards Group V
Docket No. 70-1193 License No. SNM-1174 Safeguards Group I

Licensee: Kerr McGee Nuclear Corporation
Kerr McGee Center
Oklahoma City, OK 73102

Facility Name: Cimarron Facility - Plutonium Plant - Uranium Plant

Inspection At: Crescent, OK

Inspection Conducted: January 26-29, 1981

Date of Last Material Control and Accounting Inspection: June 1980

Type of Inspection: Unannounced Material Control and Accountability

Inspectors: A. G. Finley
A. G. Finley
Auditor

Feb. 15, 1981
Date

J. P. Patterson
J. P. Patterson
Chemist

Feb. 18, 1981
Date

Approved By: J. A. Hind
J. A. Hind, Chief
Safeguards Branch

2/19/81
Date

Inspection Summary

Inspection conducted January 26-29, 1981 (Reports No. 70-1193/81-01 and 70-925/81-01).

Areas Inspected: Nuclear material control and accountability including facility organization, facility operation, measurement and statistical controls, shipping and receiving, inventory, storage and internal controls, records and reports and management of materials control system. The inspection involved 46 inspection-hours onsite by two NRC inspectors and was begun during the regular hours.

8103050 292

Results: The licensee was found to be compliance with NRC requirements in the eight areas examined during the inspections except for the following four items:

1. Failure to measure standards during the week NDA measurements were made on plutonium wastes (Level VI).
2. Unauthorized possession of enriched uranium greater than 5% enrichment (Level V).
3. Failure to document transfers from MBA 50 to MBA 12 (Level VI).
4. Failure to use acceptable tamper-safe seals on hand in noncompliance with License Condition 7.4 of MPP-3 (Level VI).