



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

August 17, 2005

Mr. Russell H. Jones, Project Manager
Kerr-McGee Corporation
Kerr-McGee Center
P.O. Box 25861
Oklahoma City, Oklahoma 73125

SUBJECT: TERMINATION OF YOUR NRC RADIOACTIVE MATERIALS LICENSE

On July 14, 2005, you requested the U.S. Nuclear Regulatory Commission (NRC) to terminate your NRC radioactive source materials License No. SUB-986, based on NRC approval letters dated February 9, 2004 and June 28, 2005, for the outdoor and indoor Final Status Survey Reports (FSSR), respectively.

Kerr McGee Corporation provided the outdoor and indoor FSSR and performed an indoor and outdoor dose analysis to demonstrate the facility and grounds met the license termination criteria in Subpart E of 10 CFR Part 20. In addition, NRC staff conducted independent measurements of soils and surfaces at the site, which confirmed the licensee's survey. The NRC staff evaluated and reviewed the results of the final radiological survey, and determined that the site meets the unrestricted use dose criteria in 10 CFR 20.1402. The Commission has concluded that the site is suitable for release for unrestricted use. Please find enclosed a copy of the Final Safety Evaluation Report (SER) which was issued on August 1, 2005, to support termination of your license. Based on these conclusions no further remediation or actions with respect to NRC regulated material is required. Your facility is suitable for unrestricted use and NRC license number SUB-986 for your facility at Oklahoma City, OK 73125, is hereby terminated. This termination will be noticed in the *Federal Register*, approximately 10 days from the date of this letter.

Additionally, I have enclosed your Certificate of Decommissioning Insurance and Standby Trust Agreement, which were submitted as the instrument for financial assurance.

If you have questions or require clarification on any of the information stated above, please contact me at (817) 276-6552.

Sincerely,

/RA/

Rachel S. Browder, Health Physicist
Nuclear Materials Licensing Branch

Docket: 040-08006
License: SUB-986
Control: 469986

Enclosure: As stated

CHECKLIST

NUREG 1757 - Appendix C: CHECKLIST OF ACTIONS TO BE COMPLETED BY NRC STAFF UPON RECEIPT OF LICENSED FACILITIES NOTIFICATION OF INTENT TO CEASE LICENSED OPERATIONS

Facility Information: License No.: SUB-986 Docket No.: 040-08006

Facility Name: Kerr McGee Corporation
Address: 123 Robert S. Kerr Avenue
Address: Oklahoma City, OK 73125

Project Manager: Rachel S. Browder (NRC Staff reviewing the Termination Request.)
Date of Notification:

Kerr McGee Corporation was determined to be Group 4

Group 4 Licensees (Refer to Section 11.1 of NUREG 1757)
(Enter Y or N)

Y Facilities decommissioned under Group 4 used licensed material in a manner that resulted in its release into the environment, activated adjacent materials, or resulted in persistent contamination of work areas, but did not result in contamination of ground water.

Y These licensees cannot meet, or choose not to use, screening criteria so they must demonstrate that any residual radioactive material remaining at their site is within the levels specified in NRC's criteria for unrestricted use by applying a comprehensive dose analysis.

Y Complete an EA and issue SER to document the DP review.

Y Perform and document confirmatory survey or side-by-side survey completed.

Y Issue Federal Register Notice to announce (1) receipt of the DP and NRC's intended actions and (2) announce FONSI. [July 12, 2001 (66 FR 36605) with an opportunity for hearing.]

Note: DP is required for Group 4.

***(If Licensee is designated as Group 4 or 5, then you may end the Checklist here!)
(Please Go to the Last Page)***

Radioactive Material Disposition

Yes Form 314 or equivalent submitted:

Y Staff verified disposition of sealed sources or unsealed radioactive material by one of the following:

_____ Letter from Form 314 Recipient

_____ Call to Form 314 Recipient

Comments: The staff reviewed the documentation for transfer and performed confirmatory surveys of the facilities and grounds.

Radioactive Material Records Disposition

No Licensee transfer of records discussed in 10 CFR 30.35, 30.36, 30.51; 40.36, 40.42, 40.61; or 70.25, 70.38, 70.51:

Y To U.S. NRC ~ Licensee submitted DP and FSSR, which documented the survey records.

_____ To individual assuming responsibility for the license, with a copy of the cover letter to the U.S. NRC.

Comments:

Confirmatory or Side-by-Side Survey

Y Termination survey submitted by licensee.

Y Termination survey satisfies NRC survey requirements.

Y Confirmatory or Side-by-Side survey performed:

NRC Inspection Report 40-8006/01-01, June 1, 2001 (ADAMS Accession No. ML011520269)

NRC Inspection Report 40-8006/02-01, December 16, 2002 (ADAMS Accession No. ML023500440)

NRC Inspection Report 40-8006/02-02, February 5, 2003 (ADAMS Accession No. ML030370529)

NRC Inspection Report 40-8006/04-01, September 10, 2004, (ADAMS Accession No. ML042540486)

