



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

June 5, 2003

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

**SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION APPROVAL OF KERR
MCGEE'S DECOMMISSIONING PLAN REQUEST FOR THE TECHNICAL
CENTER and LICENSE AMENDMENT No. 09**

Dear Mr. Jones:

This refers to your application dated April 5, 2001, requesting NRC review and approval of the decommissioning of Kerr McGee Technical Center for unrestricted release. We have completed review and approval of this application and have enclosed the Safety Evaluation Report (SER) supporting the NRC's approval. Also, please find enclosed Amendment 09 to Source Materials License SUB-986. You should note that License Condition 13.E has been added, which requires that you adhere to statements and representations contained in identified documents related to this approval. You should review this license carefully and be sure that you understand all conditions.

Enclosed are copies of the Safety Evaluation Report (SER), Environmental Assessment (EA) and Finding of No Significant Impact (FONSI), which were prepared to support the amendment. The FONSI has been forwarded to the Office of the Federal Register for publication. Please reference the control number provided in future correspondence related to this action.

The NRC staff understands that your decommissioning activities have concluded and you are completing your Final Status Survey Report, in accordance with the DP. The NRC staff may perform confirmatory surveys, once the FSSR has been submitted. Inspection Procedure 83890, "Closeout Inspection and Survey," discusses the procedures for performing confirmatory surveys. Additionally, NUREG-1575, "Multi-Agency Radiological Survey and Site Investigation Manual" (MARSSIM) may be used for conducting confirmatory surveys. The purpose of MARSSIM is to describe the procedures for designing and conducting surveys to demonstrate that the Technical Center meets the approved Derived Concentration Guideline Levels (DCGLs) for release of the facility and termination of your source materials license. Consideration for license termination of your Source Materials License No. SUB-986 for unrestricted release of the site, is contingent on NRC staff's approval of your Final Status Survey Report, as required by the DP.

Kerr McGee Corporation

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In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, and your response (if any) will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Thank you for your cooperation.

Sincerely,

/RA/

Charles L. Cain, Chief
Nuclear Materials Licensing Branch

Docket No.: 040-08006
License No.: SUB-986
Control No.: 468566

Enclosures: As stated

bcc w/enclosures:

- EECollins
- DBSpitzberg
- CLCain
- RSBrowder
- FCDB File
- RIV File

DOCUMENT NAME: Kerr McGee DP Approval Letter.wpd

RIV:DNMS:NMLB	C:FCDB	C: NMLB
RSBrowder	DBSpitzberg	CLCain
<i>/RA/</i>	<i>/RA/</i>	<i>/RA/</i>
06/ 5 /03	06/ 5 /03	06/ 5 /03

OFFICIAL RECORD COPY

T=Telephone E=E-mail F=Fax

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Kerr-McGee Corporation Kerr-McGee Center</p> <p>2. 123 Robert S. Kerr Avenue Oklahoma City, Oklahoma 73125</p>	<p>In accordance with letter dated April 5, 2001</p> <p>3. License number SUB-986 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date January 31, 2003</p> <hr/> <p>5. Docket No. 040-08006 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Uranium (Natural)</p> <p>B. Thorium (Natural)</p> <p>C. Uranium, Depleted</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 250 kilograms</p> <p>B. 150 kilograms</p> <p>C. 35 kilograms</p>
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9. Authorized use:

A - C. For Possession Only, Decommissioning activities incident to termination of license.

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CONDITIONS
★ ★ ★

- 10. Licensed material shall be used only at the Kerr-McGee Corporation, Technical Center, 3301 N.W. 150th Street, Oklahoma City, Oklahoma.
- 11. A. Licensed material shall be used by, or under the supervision of, Garet E. Van De Steeg and Elizabeth J. Johnson.
- B. The Radiation Protection Officer for this license is Elizabeth J. Johnson.
- 12. The licensee shall maintain records of information related to decommissioning at Kerr-McGee Technical Center, 3301 N.W. 150th Street, Oklahoma City, Oklahoma, as specified in 10 CFR 40.36(f) until this license is terminated by the Commission.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

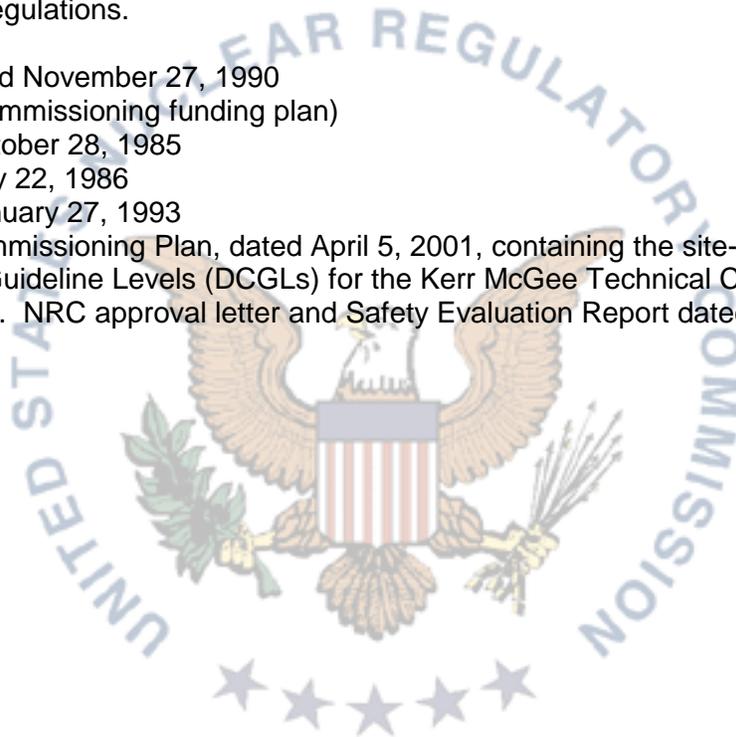
SUB-986

Docket or Reference Number

040-08006

Amendment No. 09

13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated November 27, 1990
(Excluding decommissioning funding plan)
 - B. Letter dated October 28, 1985
 - C. Letter dated July 22, 1986
 - D. Letter dated January 27, 1993
 - E. Licensee Decommissioning Plan, dated April 5, 2001, containing the site-specific Derived Concentration Guideline Levels (DCGLs) for the Kerr McGee Technical Center, regarding release for unrestricted use. NRC approval letter and Safety Evaluation Report dated June 5, 2003.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date: June 5, 2003

By: _____

Jacqueline D. Cook, Sr. Health Physicist
Nuclear Materials Licensing Section
Region IV
Arlington, Texas 76011