



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

February 9, 2004

Mr. Russell H. Jones, Project Manager
Kerr-McGee Chemical L.L.C.
Technical Center
P.O. Box 25861
Oklahoma City, Oklahoma 73125

SUBJECT: APPROVAL OF KERR MCGEE CHEMICAL L.L.C. FINAL STATUS SURVEY
REPORT (FSSR) FOR OUTDOOR SURVEY UNITS

Dear Mr. Jones:

The U.S. Nuclear Regulatory Commission (NRC) has reviewed the final status survey results, as submitted on September 15, 2003, for Kerr McGee Chemical L.L.C., Technical Center, license number SUB-986, according to the Consolidated NMSS Decommissioning Guidance, Volume 2, Section 4.5 (Final Status Survey Report). Based on this review, the NRC staff has determined that Kerr McGee Chemical, L.L.C. has demonstrated that the licensee's outdoor survey units meet the radiological criteria for license termination.

Notwithstanding the approval of the outdoor soil survey units, the NRC staff does not approve the references to embedded and buried piping, and fixed equipment in the FSSR for outdoor survey units. It is NRC's understanding that you will resubmit the final status survey results for the embedded and buried piping, and any fixed equipment with the report for the indoor survey units. As discussed in our telephone conference on January 27, 2003, it is important to describe the mechanism in which the dose contribution from the embedded and buried piping in a given survey unit is evaluated, and to account for the scenario in which the pipe may be dug-up and exposed to the environment in the future. You cannot arbitrarily apply the building surfaces criteria approved in the Decommissioning Plan (DP) to embedded or buried piping without adequate justification, including calculations of the dose using a site-specific scenario.

If you have any comments or questions concerning this letter, please contact Rachel Browder at (817) 276-6552.

Sincerely,

/RA/

D. Blair Spitzberg, Ph.D., Chief
Fuel Cycle & Decommissioning Branch

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

bcc (via ADAMS distrib.):
EECollins
JEWhitten
CLCain
DBSpitzberg
RIV Materials File Room (5th floor)

ADAMS: Yes No Initials: RSB

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

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