

70-3073



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 22, 1996

Mr. Jeff Lux
Kerr-McGee Corporation
Kerr-McGee Center
P.O. Box 25861
Oklahoma City, OK 73125

SUBJECT: CUSHING REFINERY SITE HAUL ROAD CORRIDOR (TAC NO. L51436)

Dear Mr. Lux:

Kerr-McGee Corporation (KMC) in its letter dated February 16, 1996, identified a need to construct an all weather haul road on its Cushing Refinery site. Under the terms of license condition 11.G, KMC would potentially be required to implement radiation safety procedures that would require workers in the haul road area to be trained as radiation workers. KMC proposed establishing a limit below which radiation training requirements would not have to be implemented. To support this proposal, KMC, by letter dated May 30, 1996, submitted "Final Radiation Survey of Haul Road Corridor" (Final Survey Report). NRC staff reviewed this report and provided comments by letter dated August 8, 1996. KMC responded to staff comments in a letter dated August 30, 1996. In the August 30, 1996, letter, KMC also requested that its Cushing license be amended to remove the haul road corridor area from the license for unrestricted use.

The NRC staff has reviewed KMC's August 30, 1996, responses and request for license amendment, KMC's Final Survey Report, and the Draft Report on its confirmatory survey of the haul road corridor, dated September 24, 1996, by the Oak Ridge Institute for Science and Education (ORISE), and find that the area associated with the haul road corridor meets NRC's unrestricted use criteria. Thus, NRC staff finds that activities may be conducted in the haul road corridor area without implementation of the Cushing radiation safety procedures related to training workers as radiation workers. This staff finding does not include the several fenced radioactive materials areas located within the haul road corridor area.

With respect to KMC's license amendment request for the unrestricted release from the license, the staff will need additional information related to buried

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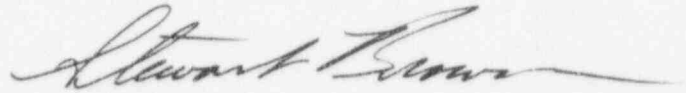
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J. Lux

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material, potential groundwater contamination, and procedures to prevent recontamination before we can address your request to release this area from the license. If you have any questions, please contact me at (301) 415-6605.

Sincerely,

A handwritten signature in cursive script, appearing to read "Stewart Brown", with a long horizontal flourish extending to the right.

Stewart Brown, Project Manager
Low-Level Waste and Decommissioning
Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-3073
License No. SNM-1999

cc: Kerr-McGee Cushing
Distribution list

Kerr-McGee Corporation, Cushing Plant
Docket No. 70-3073, Licence No. SNM-1999

Mr. Jess Larsen
Program Manager
Kerr-McGee Corporation
123 Robert S. Kerr, MT-2006
Oklahoma City, OK 73102

Regional Administrator
USNRC Region IV

Louis C. Carson II
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Michael Broderick
Oklahoma Department of Environmental Quality
1000 NE 10th Street
Oklahoma City, OK 73117-1212

Oklahoma State Department of Labor
4001 N. Lincoln Boulevard
Oklahoma City, OK 73117

Richard Reiley
Chairman, Citizen's Kerr-McGee
Oversight Committee
c/o Cushing Public Library
P.O. Box 551
Cushing, OK 74023

J. Lux

2

material, potential groundwater contamination, and procedures to prevent recontamination before we can address your request to release this area from the license. If you have any questions, please contact me at (301) 415-6605.

Sincerely,

[ORIGINAL SIGNED BY:]

Stewart Brown, Project Manager
Low-Level Waste and Decommissioning
Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-3073
License No. SNM-1999

cc: Kerr-McGee Cushing
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Kerr-McGee Corporation, Cushing Plant
Docket No. 70-3073, License No. SNM-1999

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Program Manager
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P.O. Box 551
Cushing, OK 74023

J. Lux

2

subsurface contamination, and sampling and survey methodology before we can complete our licensing action on your request. If you have any questions, please contact me at (301) 415-6605.

Sincerely,

Stewart Brown, Project Manager
Low-Level Waste and Decommissioning
Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-3073
License No. SNM-1999

cc: Kerr-McGee Cushing Distribution list

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