

Mr. Jess Larsen, Vice President  
Cimarron Corporation  
P.O. Box 25861  
Oklahoma City, OK 73125

September 10, 1997

Dear Mr. Larsen:

I am writing you in regard to an August 1, 1997, letter that I received from the Oklahoma Department of Environmental Quality (ODEQ) concerning groundwater management for the Cimarron facility. This letter noted that, in developing its Consent Order with Cimarron, "radionuclides will be addressed through the dose factors for drinking water from an on-site well and receiving a dose not more than 15 mrem." ODEQ, by this same letter, requested U.S. Nuclear Regulatory Commission's comments and confirmation of acceptance of the 15 mrem dose.

NRC staff is concerned that this approach may be inconsistent with the decommissioning criteria that Cimarron has proposed in its decommissioning plan and that it does not consider the impacts from all pathways. Consequently, NRC staff is requesting Cimarron to: (1) clarify what criteria it will apply to site decommissioning; (2) justify this application; and (3) explain how this arrangement with ODEQ will affect the overall site criteria proposed in the decommissioning plan. Furthermore, Cimarron is requested to provide a dose assessment for all pathways associated with the site.

Please contact me at (301) 415-6664 if you have any questions about this letter.

Sincerely,

[Original signed by]

Kenneth L. Kalman, Project Manager  
Low-Level Waste and Decommissioning  
Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 70-925  
License No. SNM-928

cc: Cimarron distribution list  
Ticket No.: LLDP-70162

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

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A handwritten signature in cursive script, appearing to read "Kenneth L. Kalman", is written over the typed name.

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Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
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Cimarron Corporation Distribution List      Letter dated 9/10/97

Docket No. 70-925  
License No. SNM-928

Joe Kegin  
Cimarron Corporation  
PO Box 315  
Crescent OK 73028

Mike Broderick  
Radiation Management Section  
Waste Management Division  
Department of Environmental Quality  
1000 NE Tenth  
Oklahoma City, OK 73117-1212

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