

# CIMARRON CORPORATION

P.O. BOX 315 • CRESCENT, OK 73028

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April 17, 2002

Mr. Kenneth Kalman  
Low-Level Waste & Decommissioning Projects Branch  
Division of Waste Management  
Office of Nuclear Materials Safety & Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: Docket No. 70-925; License No. SNM-928  
Decommissioning Schedule

Dear Mr. Kalman:

Cimarron Corporation (Cimarron) submits herein a proposed schedule for decommissioning the Cimarron facility. This schedule is based on several assumptions regarding the work required to obtain release of the site for unrestricted use. The primary assumptions are listed herein.

#### Uranium Plume Assessment

Cimarron will conduct an assessment of the uranium plume near Burial Area #1 after allowing at least four weeks for NRC comment on the draft work plan submitted on this date under separate cover. The work will be completed in 2002. If more than one round of groundwater sampling is needed, it can be performed within two months of well installation.

#### Uranium Plume Remediation

NRC will comment on the assessment report on a timely basis, so that Cimarron can prepare and submit a remediation plan by the end of July, 2003. NRC will approve the plan by the end of March, 2004. Cimarron will implement a remediation plan that will require at most the availability of two summer seasons to allow for work in the alluvial materials of the Cimarron River floodplain.

#### Technetium Assessment

KM will submit a report on the hydrogeology of the U-Pond #1 and U-Pond #2 areas, along with a work plan for further groundwater assessment, by the end of October, 2002. NRC will approve the work plan by the end of January, 2003. No remediation of groundwater for Tc-99 will be required.

#### Groundwater Monitoring

Eight quarters of groundwater monitoring for Burial Area #1 wells will be performed after remediation is complete. Any groundwater monitoring that may be necessary to address NRC concerns regarding Tc-99 will be completed before groundwater monitoring in Burial Area #1 is completed.

#### Final Status Surveys

The final status survey of Subarea F will be performed for areas disturbed by groundwater

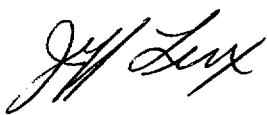
NMSSD/ Public

remediation activities. The final status survey report for Subarea F will not be delayed until after eight quarters of groundwater monitoring have been completed, so NRC can perform confirmatory surveys during that two-year time period.

This is a substantial list of assumptions. Should any of the assumptions prove invalid, the schedule could be delayed beyond the year 2007. Cimarron will make every effort to comply with this schedule, and will continue to notify NRC of the status of the activities shown on the schedule, as well as any identified delays, during monthly project status conference calls.

If you have questions or comments, please call me at 405-282-2935 (Cimarron) or 405-225-7753 (Cushing).

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Lux". The signature is written in a cursive, flowing style.

Jeff Lux  
Manager, Planning and Regulatory Compliance

xc: D. Blair Spitzberg, NRC Region IV

## CIMARRON DECOMMISSIONING SCHEDULE

ID	Task Name	Duration	Start	Finish	2002		2003		2004		2005		2006		2007	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2		
1	<b>Uranium Plume Remediation</b>	<b>299.8 wks</b>	<b>Tue 1/1/02</b>	<b>Fri 9/28/07</b>	[Gantt bar spanning from 1/1/02 to 9/28/07]											
2	Prepare Assessment Work Plan	15 wks	Tue 1/1/02	Mon 4/15/02	[Gantt bar from 1/1/02 to 4/15/02]											
3	Perform Assessment - Prepare Report	37 wks	Mon 5/20/02	Fri 1/31/03	[Gantt bar from 5/20/02 to 1/31/03]											
4	Prepare Groundwater Remediation Plan	39 wks	Mon 2/3/03	Fri 10/31/03	[Gantt bar from 2/3/03 to 10/31/03]											
5	Remediate Uranium Plume	100 wks	Mon 11/3/03	Fri 9/30/05	[Gantt bar from 11/3/03 to 9/30/05]											
6	Submit Subarea F Final Status Survey Report	26 wks	Mon 10/3/05	Fri 3/31/06	[Gantt bar from 10/3/05 to 3/31/06]											
7	Monitor Groundwater for 8 Quarters - F & C	104 wks	Mon 10/3/05	Fri 9/28/07	[Gantt bar from 10/3/05 to 9/28/07]											
8	<b>Tc-99 Plume Assessment</b>	<b>203.8 wks</b>	<b>Fri 1/4/02</b>	<b>Wed 11/30/05</b>	[Gantt bar spanning from 1/4/02 to 11/30/05]											
9	Prepare Hydrogeologic Report and Work Plan	43 wks	Fri 1/4/02	Thu 10/31/02	[Gantt bar from 1/4/02 to 10/31/02]											
10	Perform Assessment - Prepare Report	56 wks	Mon 11/4/02	Fri 11/28/03	[Gantt bar from 11/4/02 to 11/28/03]											
11	Monitor Groundwater for 8 Quarters - Tc-99	104 wks	Thu 12/4/03	Wed 11/30/05	[Gantt bar from 12/4/03 to 11/30/05]											
12	Prepare Amendment Request for Termination	13 wks	Mon 10/1/07	Fri 12/28/07	[Gantt bar from 10/1/07 to 12/28/07]											