

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

SNM-928

Docket or Reference number

070-00925

Amendment No. 09

Cimarron Corporation  
Uranium Plant  
Kerr-McGee Center  
Oklahoma City, OK 73125

In accordance with letters dated September 11, 1991, and June 24, 1992, License Number SNM-928 is amended as follows:

Condition 10. is amended to read:

10. For use in accordance with statements, representations, and conditions contained in Appendix A of the licensee's application dated September 13, 1976; supplements dated September 18, 1979 and March 29, 1982; and letters dated March 28, 1984, September 28, 1984, October 8, 1984, August 6, 1985, November 19, 1985, March 3, 1986, February 19, 1987, November 17, 1988, November 2, 1989; and letters dated September 11, 1991 and June 24, 1992.

Condition 20. is amended:

20. By June 30, 1995, the licensee shall decontaminate the facilities and grounds for unrestricted release.

By June 30, 1995, the licensee shall submit a report that identifies all facilities where radioactive materials were used and stored, or disposed onsite. The report shall briefly describe operations conducted and radioactive materials used in the facilities and shall assess the results of the decontamination activities. The report shall provide the basis for unrestricted release of the facilities and the site, including a description of sampling and survey methods and instrumentation used, and shall include contamination survey data for the facilities and grounds.

Condition 22. is added:

22. This condition deletes the restriction to backfill the two settling ponds (sanitary lagoons) as prohibited by License Condition 17, and authorizes the licensee to proceed with the breaching of the berms and the closure of the two sewage lagoons.

The settling ponds are described as the east and west sanitary lagoons occupying an area of approximately 6,600 square meters, located just east of the Plutonium Plant and northeast of the Uranium Plant.

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This condition also authorizes the licensee to backfill the former burial ground. The former burial ground occupies approximately 8,600 square meters and is located at the northeast edge of the site. The former burial ground includes four trenches located within a fenced area.

- a. In collecting soil for backfill and cover of the lagoons and the former burial trenches, additional measurements will be made, including walkover surveys with a gamma scintillation instrument. An isotopic analyses of soil samples shall also be conducted. Both the lagoons and the burial trenches will be gridded on a 10 meter by 10 meter basis and evaluated for concentrations of uranium not greater than 30 picocuries per gram, and concentrations of thorium not greater than 10 picocuries per gram.
- b. The soil used for fill material and cover material shall be compacted to reasonably minimize subsidence, and the cover material shall be contoured to the minimum slope that provides adequate drainage consistent with conforming to the original shape of the land.
- c. Cimarron Corporation (Kerr-McGee) shall provide to the Oklahoma State Department of Health whatever information is required to satisfy state requirements on the presence/absence of potentially toxic substances or any other nonradioactive constituents of the fill and cover soil.
- d. The licensee shall reseed/revegetate the barren soil cover of both remediated sites with vegetation indigenous to the area, in a manner consistent with preventing erosional gulying of the protective cover.
- e. The licensee shall insure that all policies and site-specific standards are applied in a manner that is consistent with practices that are ALARA.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date December 28, 1992

By George W. W. Carr  
Materials Licensing Section, Region III

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