

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Sequoyah Fuels Corporation	3. License Number	SUB-1010 Amendment No. 23
2. Sequoyah Facility I-40 and Highway 10 Gore, Oklahoma 74435	4. Expiration Date	September 30, 1990
	5. Docket or Reference No.	40-8027
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License
A. Source	A. Any form	A. 20 million MTU
9. Authorized use: For use in accordance with the statements, representations, and conditions contained in Chapters 1 through 7 of the license renewal application dated August 23, 1985; supplements dated January 24, 1985; August 20, September 3, September 26, November 13, December 9, and December 19, 1986; February 26, May 11, June 4, September 15 (submitted by letter dated September 17, 1987), September 25 (submitted by letter dated September 29, 1987), September 29, November 6 (submitted by letter dated November 23, 1987), November 6 (submitted by letter dated September 21, 1988), November 30, December 3, and December 7, 1987 (submitted by letter dated December 28, 1987); March 4, March 14, March 31, July 12, July 18, and October 18, 1988; March 2, March 3, April 11, May 10, August 20, September 11, October 20, November 7, December 11, and December 21, 1989; February 12, May 22, June 15, and September 7, 1990; February 27, March 22, April 8, and June 3, 1991; February 28, 1992 (pages 5-8), June 19, and September 24, 1992; and January 27, 1993; two letters dated December 19, 1985, and letters dated March 25, and May 22, 1987; letters dated February 16, 1993, July 7, 1993, [Amendment #20--C-Plan, September 2, 1994; November 21, 1994; January 9, 1995], [Amendment #21--Reorganization, May 6, 1994; November 23, 1994; March 3, 1995], [Amendment #22--Well-Plugging, October 3, 1994; February 9, 1996], [Amendment #23--Part 20, July 19, 1994; February 2, 1996; April 2, 1996; and September 27, 1996]		
10. Authorized place of use: The licensee's existing facilities at Gore, Oklahoma.		
11. Deleted.		
12. Deleted.		
13. Deleted.		

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14. At the end of plant life, the licensee shall decontaminate and decommission the facility so that it can be released for unrestricted use.
15. The licensee shall "tamper safe" UF_6 cylinder valves when cylinders are received, washed, tested, filled, or emptied, to minimize the possibility of introduction of foreign materials into the cylinders.
16. Deleted.
17. The licensee shall inform the NRC Region IV Office in writing of any violation of the National Pollutant Discharge Elimination System (NPDES) permit or changes in the permit, within 10 days of the determination of the event.
18. Deleted.
19. Deleted.
20. Deleted.
21. Deleted.
22. Deleted.
23. Deleted.
24. The licensee shall perform representative sampling of the workers' breathing air when measurements of concentrations of radioactive materials in air are necessary to demonstrate compliance with 10 CFR 20.1201 and 20.1502.
25. Deleted.
26. Deleted.
27. Deleted.
28. Deleted.
29. Deleted.
30. The contents (heels) of each UF_6 cylinder will be limited to 50 kgs (110 lbs.) of UF_6 .
31. The maximum amount of gasoline, diesel, or fuel oil stored in any storage tank in the SFC restricted area shall be limited to 2600 gallons.
32. The maximum amount of propane or LPG in a storage tank in the SFC restricted area shall be limited to 1000 gallons.

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33. An exclusion zone of 60 feet will be established and maintained around the fuel storage tanks. No cylinders containing UF₆ may be stored within this exclusion zone.
34. A fire brigade will be present on-site at all times when cylinders containing UF₆ are being handled.
35. A fire watch will be present at the location of the activity when cylinders containing UF₆ are transported through the exclusion zone around the fuel storage tanks or when cylinders containing UF₆ are being loaded.
36. Cylinders containing UF₆ will be stored at a distance of at least 50 feet from any stored wooden pallets of significant amount of brush.
37. Fuel transport vehicles will be prohibited from entering the UF₆ cylinder storage areas.
38. Vehicular traffic will be prohibited in storage areas for cylinders containing UF₆ during periods when a fire brigade is not on-site.
39. Cylinder loading trailers will be at least 60 feet from any source of fire, and the tractor will be detached and moved at least 60 feet from the trailer and cylinders during loading operations.

FOR THE NUCLEAR REGULATORY COMMISSION
[Original signed by]

Date: Nov. 8, 1996

By: _____

Michael F. Weber, Chief
Low-Level Waste and Decommissioning Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards
Washington, DC 20555

All w/enc1

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MFederline

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Open Allegations: Yes

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ENCLOSURE 2