

## 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		3. License Number	SUB-1010 Amendment No. 24
1. Sequoyah Fuels Corporation			
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 1, 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; September 27, 1996]; and [Amendment #24--Chapter 6, November 18, 1996].			
10. Authorized place of use: The licensee's existing facilities at Gore, Oklahoma.			
11. Deleted.			

9702280017 970214  
PDR ADOCK 04008027  
C PDR

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

SUB-1010

Docket or Reference Number

40 8027

Amendment 24

12. Deleted.
13. Deleted.
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<sub>6</sub> 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 20.1204.
25. Deleted.
26. Deleted.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

SUB-1010

Docket or Reference Number

40 8027

Amendment 24

27. Deleted.
28. Deleted.
29. Deleted.
30. The contents (heels) of each UF<sub>6</sub> cylinder will be limited to 50 kgs (110 lbs.) of UF<sub>6</sub>.
31. The maximum amount of gasoline, diesel, or fuel oil stored in any storage tank in the SFC restricted area shall be limited to 9842 liters (2600 gallons).
32. The maximum amount of propane or LPG in a storage tank in the SFC restricted area shall be limited to 3785 liters (1000 gallons).
33. An exclusion zone of 18 meters (60 feet) will be established and maintained around the fuel storage tanks. No cylinders containing UF<sub>6</sub> may be stored within this exclusion zone.
34. A fire brigade will be present on-site at all times when cylinders containing UF<sub>6</sub> are being handled.
35. A fire watch will be present at the location of the activity when cylinders containing UF<sub>6</sub> are transported through the exclusion zone around the fuel storage tanks or when cylinders containing UF<sub>6</sub> are being loaded.
36. Cylinders containing UF<sub>6</sub> will be stored at a distance of at least 15 meters (50 feet) from any stored wooden pallets or significant amount of brush.
37. Fuel transport vehicles will be prohibited from entering the UF<sub>6</sub> cylinder storage areas.
38. Vehicular traffic will be prohibited in storage areas for cylinders containing UF<sub>6</sub> during periods when a fire brigade is not on-site.
39. Cylinder loading trailers will be at least 18 meters (60 feet) from any source of fire, and the tractor will be detached and moved at least 18 meters (60 feet) from the trailer and cylinders during loading operations.
40. Valve protectors shall be installed on UF<sub>6</sub> cylinders prior to shipment.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number SUB-1010

Docket or Reference Number 40 8027

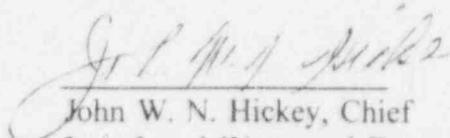
Amendment 24

41. Any natural or depleted  $UF_4$  produced by the  $UF_6$  Reduction Plant that is not suitable for sale or recycle shall be shipped to an authorized facility for disposal.

FOR THE NUCLEAR REGULATORY COMMISSION

Date: 2/14/97

By:



John W. N. Hickey, Chief  
Low-Level Waste and Decommissioning Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards  
Washington, DC 20555

SUB-1010

40 8027

Amendment 24

41. Any natural or depleted UF<sub>4</sub> produced by the UF<sub>6</sub> Reduction Plant that is not suitable for sale or recycle shall be shipped to an authorized facility for disposal.

## FOR THE NUCLEAR REGULATORY COMMISSION

[Original signed by]

Date: 2/14/97

By:

John W. N. Hickey, Chief  
 Low-Level Waste and Decommissioning Projects Branch  
 Division of Waste Management  
 Office of Nuclear Material Safety  
 and Safeguards  
 Washington, DC 20555

## \*SEE PREVIOUS CONCURRENCE

All w/encl

DISTRIBUTION: Central File LLDP r/f DWM r/f NMSS r/f PUBLIC SGagner/OPA  
 SUttal/OGC JGreeves MFederline MRodgers/NMSS/PMDA MMoriarty/FC/NMSS

Open Allegations: ☐ Yes ☐ No (If yes, delete ALL reading files)

To receive a copy of this document in small box on "OFC:" line enter: "C" = Copy without attachment/enclosure; "E" =

Copy with attachment/enclosure; "N" = No copy [PLEASE NOTATE W/ OR W/O ENCL OR ATT]

OFC	LLDP*	LLDP*	OGC*	LLDP	LLDP	RIV*	NMSS*
NAME	JShepherd	JCopeland	RFonner	TJohnson	JHickey	BSpitzberg	EKraus
DATE	1/13/97	1/10/97	1/21/97	2/13/97	2/14/97	2/11/97	1/15/97

File Name: s:\dwm\jcs\sfc-lic\la-24.lic OFFICIAL RECORD COPY

ACNW: YES ☐ NO ☐ Category: Proprietary ☐ or CF Only ☐IG : YES ☐ NO ☐LSS : YES ☐ NO ☐Delete file after distribution: Yes ☐ No X



SUB-1010

40-8027

Amendment 24

41. Any natural or depleted  $UF_6$  produced by the  $UF_6$  Reduction Plant that is not suitable for sale or recycle shall be shipped to an authorized facility for disposal.

## FOR THE NUCLEAR REGULATORY COMMISSION

[Original signed by]

Date: \_\_\_\_\_

By: \_\_\_\_\_

Johr, W. N. Hickey, Chief  
 Low-level Waste and Decommissioning Projects Branch  
 Division of Waste Management  
 Office of Nuclear Material Safety  
 and Safeguards  
 Washington, DC 20555

All w/encl

DISTRIBUTION: Central File LLDP r/f DWM r/f NMSS r/f PUBLIC

SGagner/OPA Suttal/OGC MFederline JGreene MRodgers/NMSS/PMDA

M Moriarty/FC/NMSS

Open Allegations: \_\_\_ Yes \_\_\_ No (If yes, delete ALL reading files)

To receive a copy of this document in small box on "OFC:" line enter: "C" = Copy without attachment/enclosure; "E" =

Copy with attachment/enclosure; "N" = No copy [PLEASE NOTATE W/ OR W/O ENCL OR ATT]

OFC	LLDP	LLDP	OGC	LLDP	LLDP	RIV	NMSS
NAME	JShepherd	JCopeland	PFonner	TJohnson	JHickey	BSpitzberg	EKraw
DATE	1/10/97	1/10/97	1/11/97	1/197	1/197	2/11/97	1/15/97

File Name: s:\dwm\jcs\sfc-lic\la-24.lic OFFICIAL RECORD COPY

ACNW: YES \_\_\_ NO \_\_\_ Category: Proprietary \_\_\_ or CF Only \_\_\_

IG : YES \_\_\_ NO \_\_\_

LSS : YES \_\_\_ NO \_\_\_

Delete file after distribution: Yes \_\_\_ No X

**ENCLOSURE 2**