

DML:CEM

70-925

SNM-928, Amendment No. 71-16

JAN 29 1971

Kerr-McGee Corporation  
Attn: Dr. F. K. Pittman  
Kerr-McGee Building  
Oklahoma City, Oklahoma 73102

Gentlemen:

Enclosed is Amendment No. 71-16 to Special Nuclear Material License No. SNM-928 authorizing the delivery of special nuclear material to a carrier for transport in the Model Number 5A, 8A, 12A, 12B, 30A, and 30B packages. This amendment supersedes in its entirety amendment No. 71-14 to this license.

Please note that this amendment does not authorize the transport of special nuclear material. Such transport is normally subject to regulation by the Department of Transportation (DOT). Questions regarding their requirements should be directed to DOT.

Sincerely,

Original Signed by  
Donald A. Nussbaumer

Donald A. Nussbaumer, Chief  
Fuel Fabrication and  
Transportation Branch  
Division of Materials Licensing

Enclosure:  
As stated

cc: Mr. Alfred W. Grella  
Department of Transportation

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DATE ▶	1/25/71	1/26/71	1/28/71	1/28/71		

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UNITED STATES  
ATOMIC ENERGY COMMISSION

JAN 29 1971

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LICENSE AMENDMENT  
for  
DELIVERY OF RADIOACTIVE MATERIAL  
to a  
CARRIER FOR TRANSPORT

Pursuant to the Atomic Energy Act of 1954 and Title 10, Chapter 1, Code of Federal Regulations, Part 30, "Rules of General Applicability to Licensing of Byproduct Material", Part 70, "Special Nuclear Material", as appropriate, and Part 71, "Packaging of Radioactive Material for Transport", the following amendment to the license identified below is hereby issued, authorizing the licensee to deliver radioactive material to a carrier for transport, and is subject to the conditions specified in that license and to the conditions specified below:

LICENSEE	
1. Name:	Kerr-McGee Corporation
2. Address:	Kerr-McGee Building Oklahoma City, Oklahoma 73102
3. License No.	SNM-928
	Amendment No. 71-16
	Docket No. 70-925

CONDITIONS

4. (a) Packaging

- |                  |   |
|------------------|---|
| (1) Model number | 5A, 8A, 12A, 12B, 30A, and 30B  |
| (2) Description  | Five-inch, 8-inch, 12-inch, 30-inch ID UF <sub>6</sub> cylinders as described in Section 8, ORO-651, Rev. 2 and Union Carbide Corporation Drawing No. D-P35721-F for the Model 30B. |

(b) Contents

- |   |  |
|---|--|
| (1) Type, form and maximum quantity of material per package | Uranium hexafluoride with a maximum U-235 enrichment, H/U atomic ratio, pounds UF <sub>6</sub> , and U-235 content for the cylinder models as follows: |
|---|--|

Model Number	Max. Enrichment w/o U-235	Max. H/U Atomic Ratio	Max. UF <sub>6</sub> Pounds	Max. U-235 kgs
5A	100.0	-	0.1	0.031
8A	12.5	-	0.5	0.019
12A, 12B	5.0	-	1.0	0.015
30A, 30B	5.0	0.088	25.0	0.383

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LICENSE NO: SNM-928

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(c) Fissile Class

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5. The packages authorized by this amendment are hereby approved for use under the general license provisions of Paragraph 71.7(b) of 10 CFR Part 71.
6. This amendment supersedes in its entirety, Amendment No. 71-14 to SNM-928 dated October 30, 1970.

REFERENCES

Licensee's application dated October 15, 1970, requesting approval to deliver special nuclear material to a carrier for transport in the packages listed above.

Supplement dated January 19, 1971.

*CPM 900  
1/25/71 1/28/71  
Dw 1/28/71  
1-28-71*

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by  
Donald A. Nussbaumer

Date of Amendment JAN 29 1971

Donald A. Nussbaumer  
Division of Materials Licensing