UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

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DML:CEM
70-36
SNM-33, Amendment No. 71-24
70-820
SNM-777, Amendment No. 71-18

JUL 9 1969

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United Nuclear Corporation
Commercial Products Division
Route 21A
Hematite, Missouri 63047

Attention: Mr. L. J. Swallow, Manager
Nuclear & Industrial Safety

Gentlemen:

Enclosed are Amendments Nos. 71-24, and 71-18 to Special Nuclear Material Licenses Nos. SNM-33 and SNM-777, respectively, to authorize the delivery of special nuclear material to a carrier for transport in the UNC-2900 package. These amendments supersede amendments previously issued for this package.

Please note that these amendments do 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
Source & Special Nuclear Materials
Branch
Division of Materials Licensing

Enclosures:
As stated

cc: Mr. William A. Brobst
Department of Transportation

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UNITED STATES
ATOMIC ENERGY COMMISSION

JUL 9 1969

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LICENSE AMENDMENT
for
DELIVERY OF SPECIAL NUCLEAR MATERIAL
to a
CARRIER FOR TRANSPORT

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 70, and Part 71, the following amendment to the special nuclear material license identified below is hereby issued, authorizing the licensee to deliver special nuclear 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: United Nuclear Corporation	3. License No. SNM- 777 Amendment No. 71-18
2. Address: Post Office Box 1883 365 Winchester Avenue New Haven, Connecticut 06508	4. Docket No. 70-820

CONDITIONS

5. (a) Packaging

(1) Model number	UNC-2900
(2) Description	(See Page 2)
(b) Contents	
(1) Type and form of material	Dry uranium oxide as pellets or powder and dry uranium compounds. Uranium may be enriched to a maximum 3.5 w/o in the U-235 isotope.
(2) Maximum quantity of material per package	Contents not to exceed 106 pounds with a maximum linear loading of 70 lbs/ft and U-235 content not to exceed 1.49 kg U-235.
(c) Fissile Class	II and III
(1) Minimum transport index to be shown on label for Class II	1.0
(2) Maximum number of packages per shipment for Class III	100

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LICENSEE: United Nuclear Corporation PAGE NO: 2

LICENSE NO: SNM-777 AMENDMENT NO: 71-18

DOCKET NO: 70-820

5. (a)(2) Inner container is a 9" ID, 14-gage steel cylinder, 30" long, with bolted and gasketed top flange closure and seal welded bottom plate. Inner container is centered and supported in a 22.5" ID by 33" ht closure by wood blocks, 5/8" thick hardboard and insulating material. Container constructed in accordance with United Nuclear Corporation Drawing No. 670047-3408.

6. Authorized contents shall be packaged within 8.5" ID X 8" high Fiberpak drums of minimum 3/16" wall thickness.

REFERENCES

This amendment supersedes in its entirety, Amendment No. 71-14 to SNM-777, dated June 17, 1968.

Licensee's application dated January 25, 1968, requesting approval to deliver special nuclear material to a carrier for transport in the UNC-2900 package.

Supplements dated May 3, June 13, 1968, and June 16, 1969.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
Donald A. Nussbaumer

Date of Amendment JUL 9 1969

Donald A. Nussbaumer
Division of Materials Licensing

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