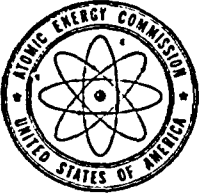


12-13-68

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

IN REPLY REFER TO:

DML:RDS  
70-36, -371, -820  
SNM-33, -368, -777  
Amendment No. 71-2

REC 13 1968

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Branch Reading File w/encl.  
Division Reading File w/o encl.

United Nuclear Corporation  
P. O. Box 1883  
365 Winchester Avenue  
New Haven, Connecticut 06508

Attention: Mr. D. F. Cronin  
Director of Licensing

Gentlemen:

This refers to your application dated November 21, 1966.

Enclosed are amendments number 71-2 to Special Nuclear Material Licenses SNM-33, -368, and -777, which supersede amendments number 71-1 to these licenses. The model number of the package has been changed from LLW-1 to UNC 2400, in accordance with your request.

Very truly yours,

Donald A. Nussbaumer, Chief  
Source & Special Nuclear Materials Branch  
Division of Materials Licensing

Enclosures:  
As stated

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ATOMIC ENERGY COMMISSION

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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. <u>SNM-33</u>
2. Address: P. O. Box 1883 365 Winchester Avenue New Haven, Connecticut 06508	Amendment No. <u>71-2</u>
	4. Docket No. <u>70-36</u>

CONDITIONS

5. (a) Packaging

- |                  |  |
|------------------|--|
| (1) Model number | UNC 2400   |
| (2) Description  | New or reconditioned steel 55-gal drum with minimum thickness 18 gage body and 16 gage head, with special nuclear material contained in plastic bottles or jars, metal cans or jars, plastic wrappers or heavy duty paper. |

(b) Contents

- |  |  |
|--|--|
| (1) Type and form of material                | Unirradiated uranium metal, alloys and/or compounds in any form of dry waste scrap and other residues at any U-235 enrichment. |
| (2) Maximum quantity of material per package | 350 grams U-235  |

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LICENSEE: United Nuclear Corporation

PAGE 2

LICENSE NO: SNM-33

AMENDMENT NO: 71-2

DOCKET NO: 70-36

(c) Fissile Class

II and III

- |   |     |
|---|-----|
| (1) Minimum number of radiation units to be shown on label for Class II | 1.6 |
| (2) Maximum number of packages per shipment for Class III               | 50  |
6. The outer container closure shall be accomplished by 12 gage bolt-locking ring clamp utilizing not less than 3/8 inch steel bolt and lock-nut, or equivalent device to prevent loosening of the bolt due to vibration, or 12 gage bolt-locking ring with drop forged lugs, one of which is threaded to receive a 5/8 inch bolt and lock-nut. Where a 3/8 inch steel bolt is used, the removable 16 gage steel head shall have one or more corrugations in the cover near the periphery.
7. Regular and periodic inspections shall be performed by the Nuclear Licensing and Safety Department to insure that the operating procedures and their application conform to the requirements of 10 CFR 71 and to this license.
8. This amendment supersedes, in its entirety, Amendment No. 71-1 to this license dated November 1, 1966.

REFERENCES

Application dated October 17, 1966, by United Nuclear Corporation in support of its request for approval of the container identified as LLW-1.

Application dated November 21, 1966 to change designation from LLW-1 to UNC 2400.

FOR THE ATOMIC ENERGY COMMISSION

Date of Amendment DEC 13 1966

Donald A. Nussbaumer  
Division of Materials Licensing

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UNITED STATES  
ATOMIC ENERGY COMMISSION

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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. <u>SNM-368</u>
2. Address: P. O. Box 1883 365 Winchester Avenue New Haven, Connecticut 06508	Amendment No. <u>71-2</u>
	4. Docket No. <u>70-371</u>

CONDITIONS

5. (a) Packaging

(1) Model number

UNC 2400

(2) Description

New or reconditioned steel 55-gal drum with minimum thickness 18 gage body and 16 gage head, with special nuclear material contained in plastic bottles or jars, metal cans or jars, plastic wrappers or heavy duty paper.

(b) Contents

(1) Type and form of material

Unirradiated uranium metal, alloys and/or compounds in any form of dry waste scrap and other residues at any U-235 enrichment.

(2) Maximum quantity of material per package

350 grams U-235

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LICENSEE: United Nuclear Corporation

PAGE 2

LICENSE NO. SNM-368

AMENDMENT NO: 71-2

DOCKET NO: 70-371

(c) Fissile Class

II and III

- (1) Minimum number of radiation units to be shown on label for Class II :

1.6

- (2) Maximum number of packages per shipment for Class III

50

6. The outer container closure shall be accomplished by 12 gage bolt-locking ring clamp utilizing not less than 3/8 inch steel bolt and lock-nut, or equivalent device to prevent loosening of the bolt due to vibration, or 12 gage bolt-locking ring with drop forged lugs, one of which is threaded to receive a 5/8 inch bolt and lock-nut. Where a 3/8 inch steel bolt is used, the removable 16 gage steel head shall have one or more corrugations in the cover near the periphery.
7. Regular and periodic inspections shall be performed by the Nuclear Licensing and Safety Department to insure that the operating procedures and their application conform to the requirements of 10 CFR 71 and to this license.
8. This amendment supersedes, in its entirety, Amendment No. 71-1 to this license dated November 1, 1966.

REFERENCES

Application dated October 17, 1966, by United Nuclear Corporation in support of its request for approval of the container identified as LLW-1.

Application dated November 21, 1966 to change designation from LLW-1 to UNC 2400.

FOR THE U. S. ATOMIC ENERGY COMMISSION

Date of Amendment DEC 13 1966

Donald A. Nussbaumer  
Division of Materials Licensing

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UNITED STATES  
ATOMIC ENERGY COMMISSION

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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  2. Address: P. O. Box 1883 365 Winchester Avenue New Haven, Connecticut 06508	3. License No. <u>SNM-777</u>  Amendment No. 71-2
	4. Docket No. <u>70-820</u>

CONDITIONS

5. (a) Packaging

(1) Model number

UNC 2400

(2) Description

New or reconditioned steel 55-gal drum with minimum thickness 18 gage body and 16 gage head, with special nuclear material contained in plastic bottles or jars, metal cans or jars, plastic wrappers or heavy duty paper.

(b) Contents

(1) Type and form of material

Unirradiated uranium metal, alloys and/or compounds in any form of dry waste scrap and other residues at any U-235 enrichment.

(2) Maximum quantity of material per package

350 grams U-235

LICENSEE: United Nuclear Corporation

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PAGE 2

LICENSE NO: SNM-777

AMENDMENT NO: 71-2

DOCKET NO: 70-820

(c) Fissile Class

II and III

- (1) Minimum number of radiation units to be shown on label for Class II

1.6

- (2) Maximum number of packages per shipment for Class III

50

6. The outer container closure shall be accomplished by 12 gage bolt-locking ring clamp utilizing not less than 3/8 inch steel bolt and lock-nut, or equivalent device to prevent loosening of the bolt due to vibration, or 12 gage bolt-locking ring with drop forged lugs, one of which is threaded to receive a 5/8 inch bolt and lock-nut. Where a 3/8 inch steel bolt is used, the removable 16 gage steel head shall have one or more corrugations in the cover near the periphery.
7. Regular and periodic inspections shall be performed by the Nuclear Licensing and Safety Department to insure that the operating procedures and their application conform to the requirements of 10 CFR 71 and to this license.
8. This amendment supersedes, in its entirety, Amendment No. 71-1 to this license dated November 1, 1966.

REFERENCES

Application dated October 17, 1966, by United Nuclear Corporation in support of its request for approval of the container identified as LLW-1.

Application dated November 21, 1966 to change designation from LLW-1 to UNC 2400.

FOR THE U. S. ATOMIC ENERGY COMMISSION

Date of Amendment

DEC 13 1966

Donald A. Nussbaumer  
Division of Materials Licensing

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