

70-687



UNION CARBIDE CORPORATION  
MEDICAL PRODUCTS DIVISION  
P.O. BOX 324, TUXEDO, NEW YORK 10987  
TELEPHONE: 914-351-2131

#5

IDENTIFICATION #R-81

23 - Nov. - 1982

Description of spent reactor fuel shipment from Union Carbide,  
Tuxedo, New York to D.O.E. Idaho Falls, Idaho.

Radioactive Material, Fissile, N.O.S. - UN 2918

Fissile Class III

Radioactive Yellow III label

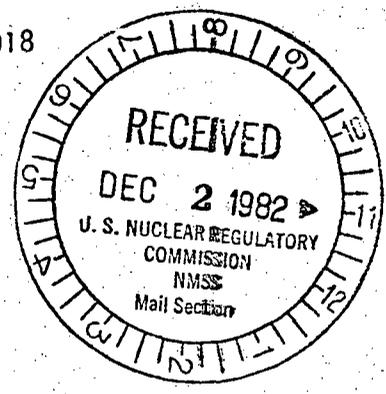
242615 grams U<sup>235</sup>

240837 curies MF-P U<sup>235</sup> - U<sup>238</sup> - U<sup>236</sup>

Normal Form

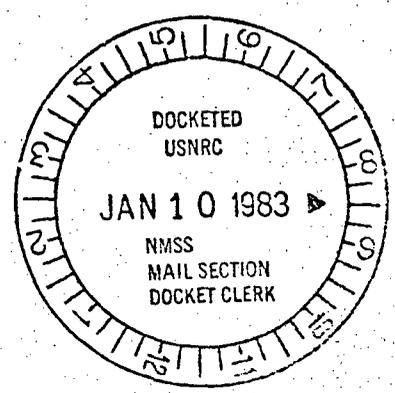
Solid - Oxide

24 - MTR Type Fuel Assemblies



*H.C. Hart*

H. C. Hart  
Facility Engineer  
UNION CARBIDE CORPORATION



21759

1. Shipper

a. Name UNION CARBIDE CORPORATION

b. Address P. O. BOX 324  
TUXEDO  
NEW YORK 10987

c. Tel. No. 914 - 351 - 2131

2. Carrier

a. Name TRI-STATE MOTOR TRANSIT

b. Address P. O. BOX 113  
JOPLIN, MO 64801

c. Tel. No. 800 - 641 - 7591

3. Receiver

a. Name U. S. - DEPT OF ENERGY

b. Address OPERATIONS OFFICE  
550 SECOND STREET  
IDAHO FALLS, IDAHO 83401

c. Tel. No. 208 - 526 - 0227

4. This notification is being furnished in compliance with NRC regulations in:

Part 71  Part 73

5. A DESCRIPTION OF SHIPMENT AS REQUIRED BY DEPARTMENT OF TRANSPORTATION IN 49 CFR §§ 172.202 & 172.203(d) IS ATTACHED.

6. ADDITIONAL INFORMATION FOR A PART 71 SHIPMENT OF NUCLEAR WASTE

a. The street address of point of origin is \_\_\_\_\_

b. The shipment is scheduled to begin during the 7-day period commencing \_\_\_\_\_.

c. Schedule for shipment entry into indicated state(s):

State	Entry is scheduled during the 7-day period commencing

d. The street address of the shipment destination is \_\_\_\_\_

e. The shipment is scheduled to arrive at the destination during the 7-day period commencing \_\_\_\_\_.

f. Current information concerning the shipment can be obtained from:

Name \_\_\_\_\_

Address \_\_\_\_\_

Tel. No. \_\_\_\_\_  
(Area Code) (Tel. No.)



Shipment identification number:

B-81  
NRC License No.

11-23-82

Today's Date  
Mo/Day/Year

9. Schedule Information for a Part 73 Shipment of Spent Fuel

a. The shipment is scheduled to depart from the point of origin

at 2<sup>00</sup> ~~AM~~ PM (±6 hours) on 2 DECEMBER 1982  
(Date)

and is to enter IDAHO at 10<sup>00</sup> ~~PM~~ AM (±6 hours)  
(State)

on 5-DECEMBER 1982. All times are expressed as legal  
(Date)

local time at the specified location.

b. This shipment is intended to be  one in a series of shipments.  
 a single shipment.

c. This schedule information is to be protected against unauthorized  
- disclosure until 15 DECEMBER 1982  
(Date)

ROAD TRANSPORTATION ROUTE

Tuxedo, NY to Idaho Falls, ID

NEW YORK

- 1. Longmeadow Road north to NY 210 0.5 miles
- 2. NY 210 east to NY 17 1.5 miles
- 3. NY 17 north fo I-84 31.0 miles
- 4. I-84 west to Pennsylvania State Line 20.0 miles

Subtotal 53.0 miles

PENNSYLVANIA

- 5. I-84 west to I-380 51 miles
- 6. I-380 south to I-80 24 miles
- 7. I-80 west to Ohio State Line 293 miles

Subtotal 368 miles

OHIO

- 8. I-80 west to OH Turnpike (Gate 15) 18 miles
- 9. Turnpike west to Gate 11 46 miles
- 10. OH 21 south to I-77 1 mile
- 11. I-77 south to I-271 (Exit 144) 2 miles
- 12. I-271 southwest to I-71 12 miles
- 13. I-71 south to I-270 102 miles
- 14. I-270 west/south to I-70 18 miles
- 15. I-70 west to Indiana State Line 92 miles

Subtotal 291 miles

INDIANA

- 16. I-70 west to I-465 67 miles
- 17. I-465 south/west/north to I-74 25 miles
- 18. I-74 west to Illinois State Line 71 miles

Subtotal 163 miles

ILLINOIS

- 19. I-74 west to I-474 127 miles
- 20. I-474 west/north to I-74 15 miles
- 21. I-74 west to I-280 74 miles
- 22. I-280 west to Iowa State Line 10 miles

Subtotal 226 miles

IOWA

23. I-280 west/north to I-80	9.0 miles
24. I-80 west to I-680	261.0 miles
25. I-680 west to I-29	15.0 miles
26. I-29 south to I-680	9.0 miles
27. I-680 west to Nebraska State Line	<u>5.0 miles</u>

Subtotal 299.0 miles

NEBRASKA

28. I-680 west to I-80	13.0 miles
29. I-80 west to Wyoming State Line	<u>452.0 miles</u>

Subtotal 465.0 miles

WYOMING

30. I-80 west to Utah State Line	404.0 miles
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UTAH

31. I-80 west to 80N	29.0 miles
32. 80N north to I-15	35.0 miles
33. I-15 north to Idaho State Line	<u>56.0 miles</u>

Subtotal 120.0 miles

IDAHO

34. I-15 north to US 26	92.0 miles
35. US 26 north/west to US 20	34.0 miles
36. US 20 west to Idaho National Laboratory	<u>3.5 miles</u>

Subtotal 129.5 miles

TOTAL MILES 2,518.5 miles

DOCUMENT TRANSMITTED  
HEREWITH CONTAINS  
SAFEGUARDS INFORMATION

THE CENTER