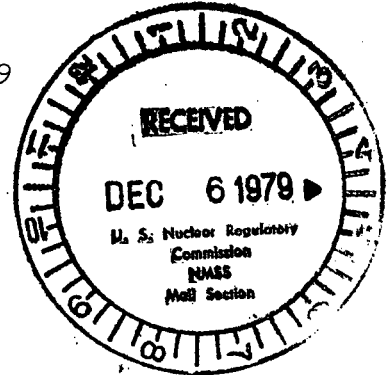




UNION CARBIDE CORPORATION  
MEDICAL PRODUCTS DIVISION  
P.O. BOX 324, TUXEDO, NEW YORK 10987  
TELEPHONE: 914-351-2131

November 29, 1979



Director  
Office of Nuclear Material  
Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sirs:

Pursuant to the Nuclear Regulatory Commission's NUREG-0561, a request for route approval for spent reactor fuel transportation is submitted. The following information is submitted for your approval:

1. Cask Identification

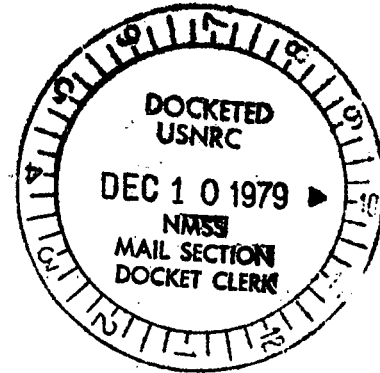
Battelle Memorial Institute Cask #BML-1, USA/5957 B( )F

2. Quantity and Type of Fuel

Approximately 65 MTR-type fuel elements

3. Loaded Weight of Unit:

Trailer - 14,000 lbs  
Cask - 34,000 lbs  
Tractor - 15,000 lbs  
Total - 63,000 lbs



4. Carrier

Tri-State Trucking, Joplin, Missouri 64810

5. Anticipated Schedule

Three shipments of about one week duration each, commencing on April 1, 1980, to April 31, 1980.

Page Two  
November 29, 1979

6. Route

Shipments start at the Union Carbide site in Tuxedo, New York, and terminate at the Savannah River Reprocessing site in South Carolina.

A primary and/or alternate route is submitted for your approval. Food and fuel stops are to be at your designation.

It is requested that consideration be given to the primary route due to the safer road conditions.

Regards,



H.C. Hart

PRIMARY  
SPENT FUEL ROUTING

Shipper - Union Carbide Corporation  
 Consignee - Savannah River Reprocessing Plant  
 Carrier - Tri-State Trucking

<u>Direction</u>		<u>Highway</u>		<u>Highway</u>	<u>Remarks</u>
N	on	Longmeadow Rd.	to	Rt. 210	_____
E	on	Rt. 210	to	N.Y. 17	_____
N	on	N.Y. 17	to	I-84	_____
W	on	I-84	to	I-380	_____
N	on	I-380	to	I-81	_____
S	on	I-81	to	I-83	_____
S	on	I-83	to	I-695	_____
SW	on	I-695	to	I-95	_____
S	on	I-95	to	I-495	_____
SW	on	I-495	to	I-95	_____
S	on	I-95	to	US 301	_____
S	on	US 301	to	I-95	_____
S	on	I-95	to	US 301 at Santee, S.C.	_____
W	on	US 301	to	SC 70	_____
W	on	SC 70	to	SC 64	_____
W	on	SC 64	to	Destination	_____

ALTERNATE ROUTE

SPENT FUEL ROUTING

Shipper - Union Carbide Corporation  
Consignee - Savannah River Reprocessing Plant  
Carrier - Tri-State Trucking

<u>Direction</u>		<u>Highway</u>		<u>Highway</u>	<u>Remarks</u>
N	on	Longmeadow Rd.	to	Rt. 210	_____
E	on	Rt. 210	to	Rt. 17	_____
N	on	Rt. 17	to	I-84	_____
W	on	I-84	to	I-380	_____
S	on	I-380	to	I-80	_____
W	on	I-80	to	I-81	_____
S	on	I-81	to	I-40	_____
E	on	I-40	to	I-26	_____
SE	on	I-26	to	SC 72	_____
SW	on	SC 72	to	US 25	_____
S	on	US 25	to	Byp. 25	_____
S	on	Byp. 25	to	SC 125	_____
S	on	SC 125	to	Destination	_____

Docket No.

70-687

SNM - 639

"SAFEGUARDS AMENDMENTS"

MC # \_\_\_\_\_

SG # \_\_\_\_\_

MCL# \_\_\_\_\_

PSL# \_\_\_\_\_

William O. Miller  
License Fee Management Branch  
Office of Administration

MATERIALS SAFEGUARDS AMENDMENT CLASSIFICATION

Applicant Union Carbide

License No: SNM 639 ~~4422/79~~ Fee Category: Exempt

Application Dated: 11/29/79 Received: 12/6/79

Applicant's Fee Classification: Exempt

The above application for amendment has been reviewed by the NMSS' Division of Safeguards in accordance with Section 170.31 of Part 170 and is classified as follows:

1. Safeguard amendments to licenses in fee Categories 1A through 1H
  - (a)  Major Safeguards
  - (b)  Minor Safeguards
  - (c)  Safeguards (Categories 1D through 1G only)
  - (d)  Administrative

2. Justification for reclassification: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. The application was filed (a)  pursuant to written NRC request and the amendment is being issued for the convenience of the Commission, or (b)  Other (State reason): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature: Charles R. Hillman

Division of Safeguards, NMSS

Date: 12/7/79