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70-687
321211

CINTICHEM, INC.
P.O. BOX 816
TUXEDO, NEW YORK 10987

1914/351-2131
Docketed
JAN 25 1991
NMSS
MAIL SECTION
DOCKET CLERK

Rec'd
JAN 25 1991
NMSS
MAIL SECTION
DOCKET CLERK

January 9, 1991

Mr. Russell R. Rentschler
Transportation Branch
Safeguards and Transportation Division NMSS
U. S. Nuclear Regulatory Commission
Mail Stop 4E4
Washington, DC 20555

Dear Mr. Rentschler:

Cintichem Inc. is in the process of decommissioning its 5 megawatt reactor in Tuxedo, New York. As a result of this decommissioning, one of the first projects is the removal of all the reactor fuel.

The Department of Energy has informed us that there is a very good feasibility that the fuel will be received at the Idaho Falls, Idaho facility.

Cintichem shipped spent fuel to the Idaho facility in April 1984. I am submitting the route used at that time for your approval to be used for the 1991 shipments.

Enclosed is a check for \$150.00 for the route application fee.

Thank you for your assistance in this request.

Very truly yours,

H C Hart

H. C. Hart

HCH/bjc

Enclosure

BJC/01.91B

26550

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	<u>20.0 miles</u>
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	<u>293 miles</u>
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	<u>92 miles</u>
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	<u>71 miles</u>
Subtotal	163 miles

ILLINOIS

19. I-74 west to I-274	127 miles
20. I-274 west/north to I-74	15 miles
21. I-74 west to I-280	74 miles
22. I-280 west to Iowa State Line	<u>10 miles</u>
Subtotal	226 miles

IOWA

23. I-280 west/north to I-80	9.0 miles
24. I-80 west to I-680	263.0 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 301.0 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 I-84N	29.0 miles
32. I-84N 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

* Access to or exit from Interstate System.