

SAFEGUARDS INFORMATION

186
SFPO:GMB

December 11, 1996

Mr. Blake R. Williams
Manager, Transportation Management
Site and Transportation Services
Nuclear Assurance Corporation
655 Engineering Drive, Suite 200
Norcross, GA 30092

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

decontrolled

Enclosure 1 is unclassified

Dear Mr. Williams:

This is in regard to your request dated November 4, 1996, for approval of a route to be used for transport of spent fuel from McMaster University, Hamilton, Ontario, to the Department of Energy's Savannah River Site near Aiken, South Carolina.

The route, as set forth in Enclosure 1, meets the regulatory requirements of 10 CFR 73.37. Enclosure 2 constitutes approval for this route. Unless renewed, this route approval will expire two years from the date of this letter. Note that transportation of licensed radioactive material must be conducted in compliance with the applicable U.S. Department of Transportation regulations.

NRC staff have completed the arrangements with law enforcement agencies required by 10 CFR 73.37(b)(6). Note that armed escorts are required for the urbanized areas of Buffalo, New York; Erie and Pittsburgh, Pennsylvania; Charleston, West Virginia; Charlotte, North Carolina; and Columbia, South Carolina. Information on law enforcement arrangements is provided in Enclosure 2, and is to be incorporated into your shipment plans and provided to your carrier along with instructions regarding its use. If your carrier deviates from the approved route, please provide details of the deviation to the contact listed below as soon as possible.

The notification requirements of 10 CFR 73.37(f) and 73.72 apply for each shipment. When making notification to this office under 10 CFR 73.72, please confirm that armed escort will be provided as required, and that the appropriate governors or designees will or have been notified.

Should you require additional information or have questions concerning this matter, please contact John R. Cook of my staff at (301) 415-8521.

Sincerely,

9612160408 961211
PDR ADOCK 07003020
C PDR

Susan F. Shankman, Chief
Transportation Safety & Inspection Branch
Spent Fuel Project Office, NMSS

Docket No. 70-03020

Enclosures:
As stated

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| | | | | | | | | |
|------|--------------|---|----------|---|----------|----|------------|----|
| OFC | SFPO | E | SFPO | C | SFPO | EE | SFPO | SE |
| NAME | GMBennington | | JRCook | | EEaston | | SEShankman | |
| DATE | 12/10/96 | | 12/10/96 | | 12/10/96 | | 12/11/96 | |

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SAFEGUARDS INFORMATION

MCMaster/SRP (#186)

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w/enclosures:

Docket File 07003020

Case File 07003020F20R

Region I, II

PDR (Enclosure 1)

w/o enclosures:

NMSS R/F

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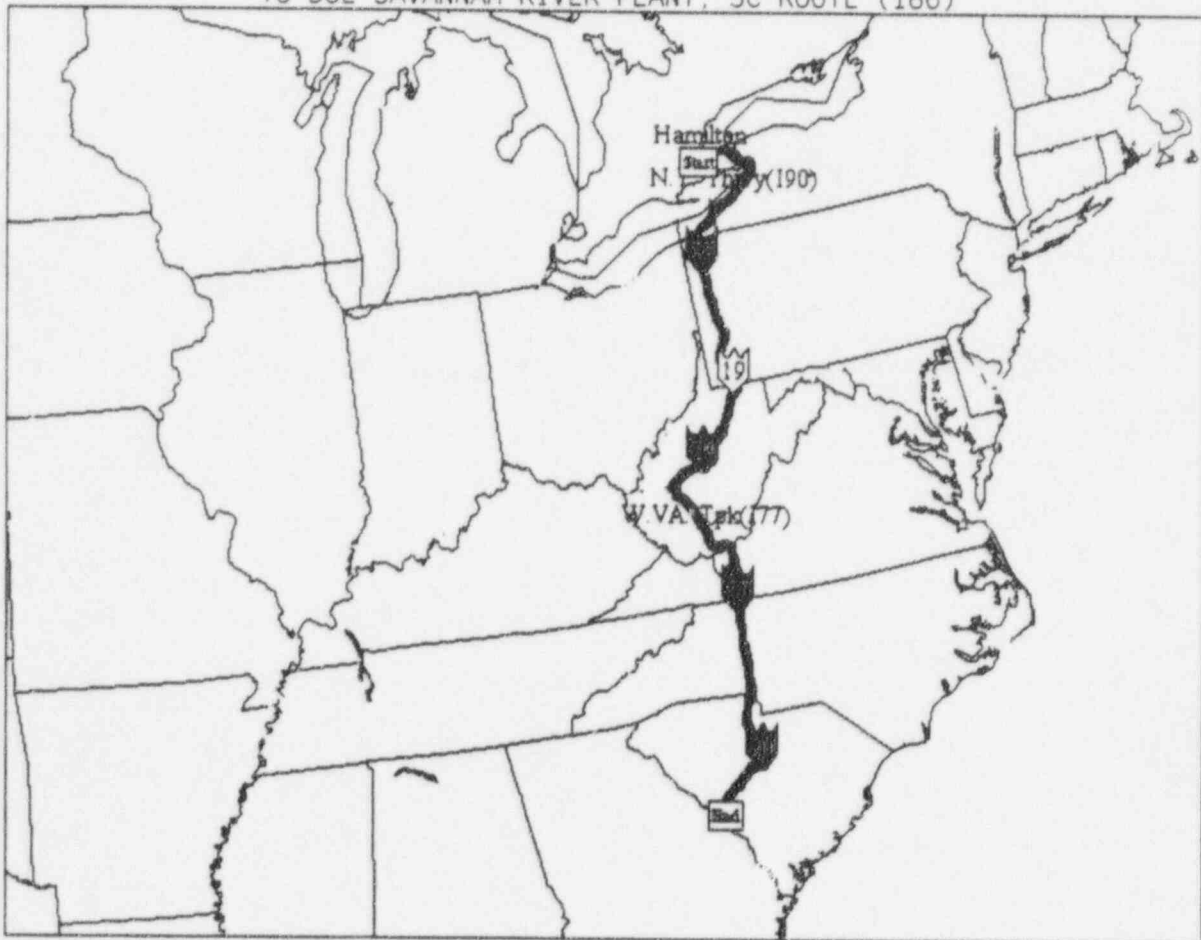
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SPENT FUEL PROJECT OFFICE
NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

DECEMBER 1996

IRRADIATED REACTOR FUEL ROUTE SUMMARY
MCMASTER UNIVERSITY, HAMILTON, ONTARIO, CANADA
TO DOE SAVANNAH RIVER PLANT, SC ROUTE (186)



ROUTE MILEAGE SUMMARY
MCMMASTER UNIVERSITY, HAMILTON, ONTARIO, CANADA
TO DOE SAVANNAH RIVER PLANT, SC

| STATE | WAYPOINT/INSTRUCTION | ROAD | DIR | TOWARDS | MILES TO NEXT WAYPOINT | CUMULATIVE MILES |
|-------------|-----------------------------------|--------|-----|---------------------------|------------------------------|---------------------|
| NY | DEPART CANADA VIA PEACE BRIDGE | I-190 | S/E | BUFFALO | 8 | 0 |
| NY | TAKE I-90 TO PA LINE | I-90 | W | PENNSYLVANIA LINE | 70 | 8 |
| NY | STATE MILEAGE SUBTOTAL | | | | 78 | |
| PA | STAY ON I-90 | I-90 | W | ERIE | 27 | 78 |
| PA | TAKE I-79 TO WEST VIRGINIA | I-79 | S | WEST VIRGINIA LINE | 177 | 105 |
| PA | STATE MILEAGE SUBTOTAL | | | | 204 | |
| WV | CONTINUE ON I-79 | I-79 | S | CHARLESTON | 162 | 282 |
| WV | TURN ON I-77 | I-77 | S | OAKVALE | 95 | 444 |
| WV | TAKE EXIT 9 TO US-460 EAST | US-460 | E | PRINCETON | 8 | 539 |
| WV | GO TOWARDS PEARISBURG | US-219 | E | VIRGINIA LINE | 4 | 547 |
| WV | STATE MILEAGE SUBTOTAL | | | | 269 | |
| VA | STAY ON US-219 | US-219 | E | RADFORD | 11 | 551 |
| VA | TAKE VA-100 | VA-100 | N/S | DUBLIN | 22.5 | 562 |
| VA | STAY ON VA-100 | VA-100 | SE | WYTHEVILLE | 11 | 584.5 |
| VA | TAKE I-81 TO I-77 INTERSECTION | I-81 | SW | WYTHEVILLE | 8 | 595.5 |
| VA | TURN ON I-77 | I-77 | SE | NORTH CAROLINA LINE | 32 | 603.5 |
| VA | STATE MILEAGE SUBTOTAL | | | | 84.5 | |
| NC | CONTINUE ON I-77 | I-77 | S | SOUTH CAROLINA LINE | 104 | 635.5 |
| NC | STATE MILEAGE SUBTOTAL | | | | 104 | |
| SC | STAY ON I-77 | I-77 | S | COLUMBIA | 73 | 739.5 |
| SC | TURN ON I-20 | I-20 | W | AIKEN | 54 | 812.5 |
| SC | TAKE SC-19 | SC-19 | S | FACILITY | 20 | 866.5 |
| SC | STATE MILEAGE SUBTOTAL | | | | 147 | |
| ROUTE TOTAL | | | | | | 886.5 |