



Georgia Institute of Technology

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L22184

(404) 894-3600

September 27, 1995

Mr. Charles J. Haughney, Chief
Storage and Transport System Branch
Mail Stop T-8F5
US Nuclear Regulatory Commission
Washington, D.C. 20555

License No. R-97
Docket No. 50-160

Dear Mr. Haughney:

Pursuant to 10 CFR 73.77 I request advance route approval for irradiated reactor fuel:

Cargo Description:

- 1) Twenty-five (25) irradiated fuel elements from a D₂O moderated reactor. The fuel is MTR type uranium in aluminum alloy.
- 2) The cask to be used will either be BMI-1 (ID#USA/5957/B()F) or NAC-LWT [ID#USA/9225/B(U)F]

Anticipated Schedule

- 1) There will be three shipments from Atlanta (NNRC) to Savannah River Site (DOE) if the BMI-1 cask is used or one shipment if the NAC-LWT cask is used.
- 2) The approximate duration of each shipment is less than one day.

Route Information

- 1) Prospect route: See attachment
- 2) Road miles by segment. See attachment
- 3) Two urbanized areas are located on the proposed route, i.e. Atlanta, GA and Augusta, GA.

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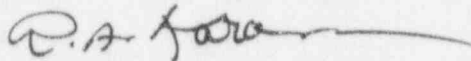
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Physical Protection Plan

- 1) The transport vehicle will be guarded by armed Georgia Tech Police while on the Georgia Institute of Technology campus.
- 2) The Georgia Public Service Commission will
 - a) inspect the loaded truck for safety and compliance with Georgia regulations prior to leaving the Georgia Tech Campus.
 - b) The Georgia Public Service Commission will provide armed, radiologically trained escort service from the Georgia Tech campus to the Georgia State line on I-20.
 - c) The Georgia Department of Natural Resources, Environmental Protection Division will provide radiologically trained and equipped escort service from the Georgia Tech campus to the Georgia State line on I-20.
 - d) Escort service in the State of South Carolina (37 miles) is being negotiated with the South Carolina's governor's designee in the South Carolina Department of Health and Environmental Control.
- 3) Communication Plans include:
 - a. Citizen's Band (CB) or local law enforcement agency radio communications between the transport vehicle and escorts and from transport vehicle/escort to local law enforcement agencies.
 - b. A radiotelephone in the transport vehicle or escort vehicle committed to travel the entire route will make calls to the communications center (Georgia Tech Police Department) at least every two hours.

If you should have any questions, please telephone me at 404-894-3600.

Sincerely,



R. A. Karam, Ph.D.
Director, NNRC

RAK/ars

- 1) Route Listing and Mileage

Route To Be Approved:

Georgia:

Miles

- 1) Left onto Atlantic Drive
- 2) North on Atlantic Drive to Tenth Street
- 3) East on Tenth Street to I 75
- 4) South on I 75 to I 20
- 5) I 20 East to the South Carolina state line

0

.1

.4

5

148

Subtotal 153.5

South Carolina:

- 1) I 20 East to SC 19
- 2) South on SC 19 to Savannah River Site

18

19

Subtotal 37

Total 190.5