



L22992

Enclosure 1 may be decontrolled when detached from Enclosure 2

September 27, 1999

Gloria M. Bennington
Spent Fuel Project Office
NMSS
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Spent Fuel Shipment, Shipment ID TR-5-99-1-2

This letter is advance notification of a spent fuel shipment from National Institute of Standards and Technology (NIST), U.S. Department of Commerce, Gaithersburg, MD to U.S. Department of Energy, Savannah River Site (SRS), Aiken, SC. NIST is a Nuclear Regulatory Commission (NRC) licensee and this notification is being furnished in compliance with requirements of the Code of Federal Regulations (CFR), title 10, part 73. The shipment will consist of two loaded tractor-trailers, traveling as a single convoy with escorts where necessary. The shipment will comply with NRC regulations and the shipment identification number may be used to reference the shipment. If you have any questions, please call me or Thomas Myers of Reactor Operations, at 301-975-6292; or use the Reactor Operations fax number, 301-975-9427. A further description of the shipment is attached. Thank you for your consideration.

Sincerely,

James F. Torrence
Deputy Chief, Reactor Operations

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Enclosure 1

1 of 3

NmSS05 Public

I. CONTACTS per 10 CFR 73.72

A. Shipper

National Institute of Standards and Technology
Building 235
Gaithersburg, MD 20899
Phone: 301- 975-6292 or 301-975-2805

B. Receiver

U.S. Department of Energy
c/o Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808
Phone: 803-557-3699 or 803-208-8538

C. Carrier

Tri-State Motor Transit (TRISM)
Nuclear Division, Attn: James R. Ledford
816 Chris Drive
West Columbia, SC 29169
800-234-8768 (24 hours)

II. CONTENTS DESCRIPTION

A. Per 10 CFR 73.72

1. Two packages in the shipment.
2. Package contents are:
In solid form
Aluminum clad, plate type nuclear fuel elements
84 sections (42 elements) per package
Estimated weight is 400 lbs per package
Reactor is non-power test reactor, tank type, with MTR type fuel
93% original enrichment

Enclosure 1

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SAFEGUARDS INFORMATION

050001846504

Shipment ID TR-5-99-1-2

III. ROUTE

A. Origin of Shipment

NIST
I-270 and Quince Orchard Road
Building 235
Gaithersburg, MD 20899

B. Route

1. NIST to I-270
2. I-270 north to I-70
3. I-70 west to I-81
4. I-81 south to West Virginia state line
5. I-81 south to Virginia state line
6. I-81 south to I-77
7. I-77 south to North Carolina state line
8. I-77 south to South Carolina state line
9. I-77 south to I-20
10. I-20 west to SC-19
11. SC-19 south to Department of Energy, SRS, Aiken SC.

IV. SAFEGUARDS INFORMATION

- A. The dates and times contained in Enclosure 2 are required by NRC regulations to be protected from unauthorized disclosure in accordance with the requirements of 10 CFR 73.21.

Enclosure 1

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SAFEGUARDS INFORMATION