

Return to SGPL  
881-55

# SAFEGUARDS INFORMATION

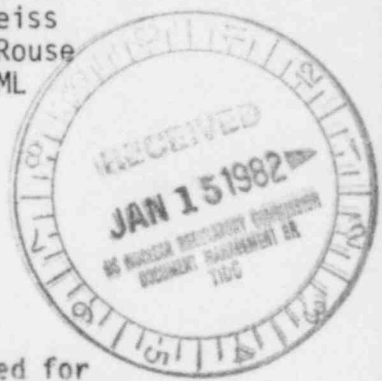
SGPL:CRH  
50-186

DISTRIBUTION: (w/enc1)  
Docket/50-186  
Case File/50-186  
CKHillman  
LLBush  
Region II  
Region III

DISTRIBUTION: (w/o enc1)  
NMSS r/f  
SGPL r/f  
LPDR  
PDR  
RFonner  
DWeiss  
LCRouse  
SGML

University of Missouri  
ATTN: Mr. David M. McGinty  
Reactor Physicist  
Research Reactor Facility  
Research Park  
Columbia, Missouri 65201

DEC 30 1981



Gentlemen:

This is in regard to your request for approval of a route to be used for transport of irradiated research reactor fuel as contained in your letters of November 20 and December 1, 1981.

The proposed route submitted with above mentioned letters is judged to meet the regulatory requirements in accordance with 10 CFR 73.37 and accordingly is approved.

Please note that assuring highway safety is the responsibility of the licensee and carrier and our approval is not intended to provide relief in this regard. Furthermore, the approval does not guarantee that there will be no local or state legislation applicable to the route that restricts or prohibits the movement of radioactive material.

During seasonal periods when inclement weather with accompanying hazardous road conditions can occur with short notice, the appropriate state police should be contacted with regard to road conditions before a shipment commences.

The initial arrangements with law enforcement agencies along the route, as required by 10 CFR 73.37(a)(2), have been completed by the NRC staff. Data relating to these arrangements and a copy of the approved route are enclosed. This information is to be incorporated into your shipment plan and provided to your carrier along with instructions regarding its use.

Please note that the notification requirements of 10 CFR 73.72 for each individual shipment still apply.

Sincerely,

8202010047 811230  
PDR ADOCK 05000186  
A PDR

\*Original Signed by G. W. McCorkle\*

George W. McCorkle, Chief  
Physical Security Licensing Branch  
Division of Safeguards, NMSS

When separated from enclosure(s) \_\_\_\_\_  
\_\_\_\_\_, handle this document as  
Declassified  
(insert proper classification)

OFFICE	SGPL	SGPL	SGPL	SGPL	SAFEGUARDS INFORMATION
SURNAME	CRHillman/vb	DJKasun	GWMcCorkle	HBlack	
DATE	12/24/81	12/29/81	12/30/81	12/29/81	

# SAFEGUARDS INFORMATION

SAFEGUARDS INFORMATION  
Unauthorized disclosure subject to  
Administrative and Criminal sanctions.

SPENT FUEL ROUTE SURVEY

COLUMBIA, MO

to

SAVANNAH RIVER, SC

DEC 1981

Document Transmitted  
Herewith Contains  
SAFEGUARDS INFORMATION

SAFEGUARDS INFORMATION  
DETERMINATION MADE BY



Signature-Title-Office-Dave  
Chief, Physical Security Development Branch  
Division of Safeguards, NMSS

# SAFEGUARDS INFORMATION

ROAD TRANSPORTATION ROUTE

Columbia, MO to Savannah River, SC

967 TOTAL MILES

MISSOURI

1. I-70 east to I-270	106 miles
2. I-270 south to I-55	20 miles
3. I-55 south to I-57	136 miles
4. I-57 east to US 60	13 miles
5. US 60 east to Illinois	13 miles

Subtotal 288 miles

ILLINOIS

6. US 60 east to Kentucky	1 mile
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KENTUCKY

7. US 60 east to I-24	32 miles
8. I-24 south/east to Tennessee	91 miles

Subtotal 123 miles

TENNESSEE

9. I-24 south/east to I-40	53 miles
10. I-40 east to North Carolina	242 miles

Subtotal 295 miles

NORTH CAROLINA

11. I-40 east to I-26	47 miles
12. I-26 south to South Carolina	42 miles

Subtotal 89 miles

SOUTH CAROLINA

13. I-26 south to SC 121	95 miles
14. SC 121 south to SC 19	47 miles
15. SC 19 south to Savannah River Site.	29 miles

Subtotal 171 miles

GRAND TOTAL 967 miles

## FOOD AND FUEL STOPS

The businesses and locations listed below were identified by the NRC route analysis teams as possible food and fuel stops. All possible stops along the route are not listed. Only a few of the locations were visited by the NRC teams. In order to be listed, food and fuel stops were required to be close to the route and offer basic truck services as well as food.

### MISSOURI

1. Gasper's Truck Stop. Located at Williamsburg, approximately 35 miles west of the research center on I-70.
2. Motor Plaza, Phillips 66 Truck Stop. Located at the Pevely Exit of I-55.
3. Rhodes City Conocco Truck Stop. Located at Exit 91 of I-55, Cape Girardeau.
4. Skelly Truck Stop. Located at Exit 10 of I-57, Charleston.

### ILLINOIS

NONE IDENTIFIED

### KENTUCKY

NONE IDENTIFIED

### TENNESSEE

1. Truck Stops of America. Loated at I-24 Exit 85 in Nashville.
2. Union 76 Truck Stop and Jack's Diesel Repair. Located at Exit 432 of I-40.

### NORTH CAROLINA

NONE IDENTIFIED

### SOUTH CAROLINA

1. Gulf Truck Stop. Located at Exit 22 of I-26.

MISSOURI

~~SAFEGUARDS INFORMATION~~



EMERGENCY PHONE NUMBERS: Area Code: (314)

JEFFERSON CITY  
HP (314) 636-5171

ST. LOUIS  
HP (314) 434-5500

	*1	32				*2	*3
		● Jefferson City (Off Route) (a)				● St. Louis Area(E) (b)	
MILES IN JURISDICTION		Boone, Callaway and Montgomery Counties 64		Warren County 19		St. Charles County 25	St. Louis County 26
TOTAL MILES	0		64	83		108	134

KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C'P County Police
-  CB Radio Monitored (Base)
-  CB Radio Monitored (Car)
- CH/NO Channel Monitored
- R React Group
- MT Mobile Telephone
- E Escort Required

ROAD TRANSPORTATION ROUTE - COLUMBIA, MO TO SAVANNAH RIVER, SC

- \*1. I-70 east to I-270 (106 miles);
- \*2. I-270 south to I-55 (20 miles);
- \*3. I-55 south to I-57 (136 miles);

~~SAFEGUARDS INFORMATION~~

MISSOURI




~~SAFEGUARDS INFORMATION~~

EMERGENCY PHONE NUMBERS: Area Code: (314)

JACKSON  
 HP (314) 243-5122  
 (Office, various hours)  
 (314) 471-4500  
 (24 hours, Sikeston)

	(c)	● Jackson	(d)	
MILES IN JURISDICTION	Jefferson County 25	Ste. Genevieve County 26	Perry County 22	Cape Girardeau County 22
TOTAL MILES	134	159	185	207

KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C'P County Police
-  CB Radio Monitored (Base)
-  CB Radio Monitored (Car)
-  Channel Monitored
- CH/NO
- R React Group
- MT Mobile Telephone
- E Escort Required

ROAD TRANSPORTATION ROUTE - COLUMBIA, MO TO SAVANNAH RIVER, SC

3. I-55 south to I-57

~~SAFEGUARDS INFORMATION~~

MISSOURI

ILLINOIS

KENTUCKY

EMERGENCY PHONE NUMBERS: Area Code: (314) MO  
(618) IL  
(502) KY

# SAFEGUARDS INFORMATION




SIKESTON  
HP (314) 471-4500

CAIRO  
SP (618) 734-0270

MAYFIELD  
SP (800) 592-5401  
(502) 856-3722

				MO	IL	IL	KY			
		● Sikeston			● Cairo				Mayfield (Off Route)	
MILES IN JURISDICTION	3	*4	*5		*6		*7		*8	
		Scott County	Mississippi County		Pulaski County		Ballard County		McCracken County	
		36	23		1		22		24	
TOTAL MILES	229	265		288	289		311		335	

### KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C'P County Police
-  CB Radio Monitored (Base)
-  CB Radio Monitored (Car)
-  Channel Monitored
- R React Group
- MT Mobile Telephone
- E Escort Required

### ROAD TRANSPORTATION ROUTE - COLUMBIA, MO TO SAVANNAH RIVER, SC

- 3. I-55 south to I-57
- \*4. I-57 east to US 60 (13 miles);
- \*5. US 60 east to Illinois (13 miles);
- \*6. US 60 east to Kentucky (1 mile);
- \*7. US 60 east to I-24 (32 miles);
- \*8. I-24 south/east to Tennessee (91 miles);

SPECIAL NOTE: US 60 has numerous bridges with the weight restrictions of 31 tons.

# SAFEGUARDS INFORMATION

DEC

1981

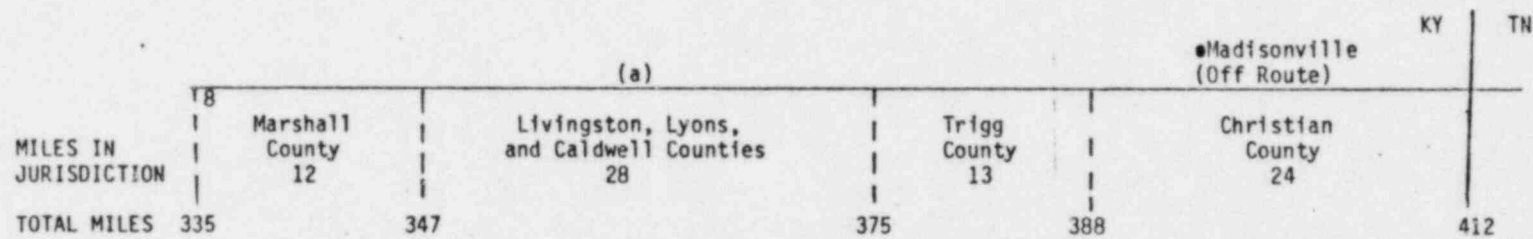


KENTUCKY

~~SAFEGUARDS INFORMATION~~

EMERGENCY PHONE NUMBERS: Area Code: (502)

MADISONVILLE  
 SP (502) 821-3513  
 (800) 592-5401



KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C'P County Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- CH/NO Channel Monitored
- R React Group
- MT Mobile Telephone
- E Escort Required

ROAD TRANSPORTATION ROUTE - COLUMBIA, MO TO SAVANNAH RIVER, SC

8. I-24 south/east to Tennessee

~~SAFEGUARDS INFORMATION~~

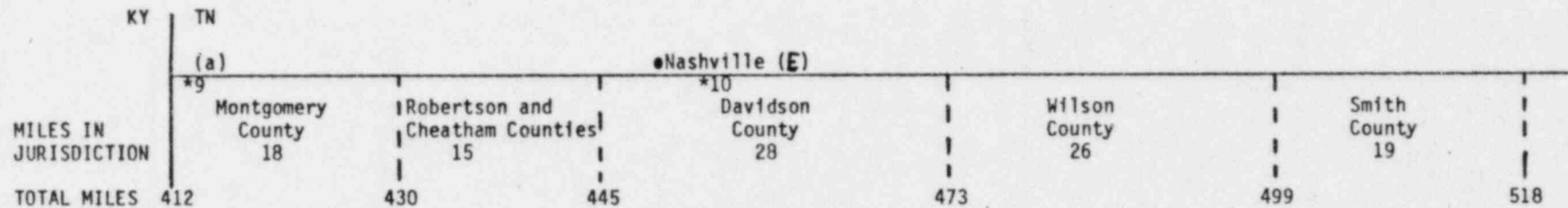


TENNESSEE

~~SAFEGUARDS INFORMATION~~

EMERGENCY PHONE NUMBERS: Area Code: (615)

NASHVILLE  
HP (615) 741-2060



KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C'P County Police
- ☐ CB Radio Monitored (Base)
- ☐ CB Radio Monitored (Car)
- CH/NO Channel Monitored
- R React Group
- HT Mobile Telephone
- E Escort Required

ROAD TRANSPORTATION ROUTE - COLUMBIA, MO TO SAVANNAH RIVER, SC

- \* 9. I-24 south/east to I-40 (53 miles);
- \*10. I-40 east to North Carolina (242 miles);

~~SAFEGUARDS INFORMATION~~

TENNESSEE

~~SAFEGUARDS INFORMATION~~

EMERGENCY PHONE NUMBERS: Area Code: (615)

COOKEVILLE  
HP (615) 526-6144

	10	●Cookeville				
MILES IN JURISDICTION		Putnam County 35		Cumberland County 36		Roane and London Counties 26
TOTAL MILES	518		553		589	615

KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C'P County Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- CH/NO Channel Monitored
- R React Group
- MT Mobile Telephone
- E Escort Required

ROAD TRANSPORTATION ROUTE - COLUMBIA, MO TO SAVANNAH RIVER, SC

10. I-40 east to North Carolina

~~SAFEGUARDS INFORMATION~~

TENNESSEE

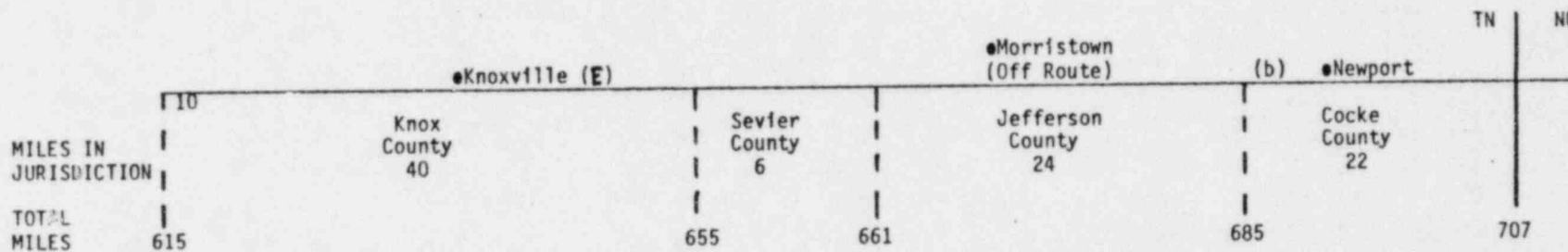
~~SAFEGUARDS INFORMATION~~

EMERGENCY PHONE NUMBERS: Area Code: (615)

KNOXVILLE  
 HP (615) 693-7311  
 CP 911 or (615) 521-1200

MORRISTOWN  
 CP (615) 586-1213  
 S (615) 586-3781

NEWPORT  
 S (615) 623-3064



KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C'P County Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- CH/No. Channel Monitored
- R React Group
- MT Mobile Telephone (Usable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - COLOMBIA, MO TO SAVANNAH RIVER, SC

10. I-40 east to North Carolina

~~SAFEGUARDS INFORMATION~~

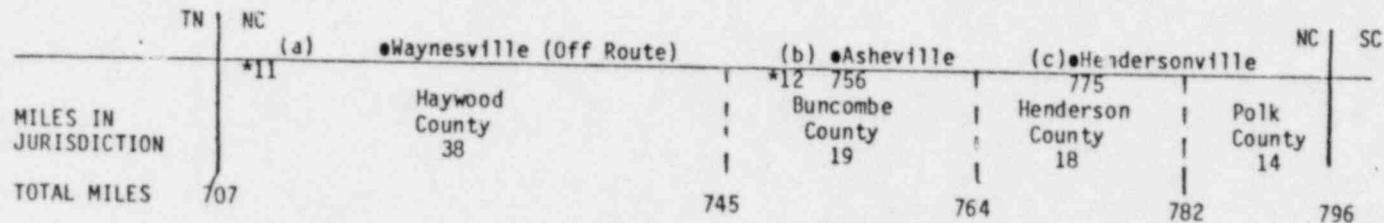
NORTH CAROLINA

EMERGENCY PHONE NUMBERS: (704) NC

~~SAFEGUARDS INFORMATION~~

WAYNESVILLE  
 HP (704) 627-2851  
 (8am to 5pm)  
 HP (704) 298-4252  
 24 Hours

JHEVILLE                      HENDERSONVILLE  
 HP (704) 298-4252            HP (704) 693-4141  
 Troop G - 24 hrs.            (8am to 5pm)  
    HP (704) 298-4252  
    24 Hours



- KEY**
- LEA Response Center
  - HP/SP Highway Patrol/State Police
  - S Sheriff
  - CP City Police
  - CB Radio Monitored (Base)
  - CB Radio Monitored (Car)
  - CH/No. Channel Monitored
  - R React Group
  - MT Mobile Telephone (Usable)
  - E Escort Required

ROAD TRANSPORTATION ROUTE - COLUMBIA, MO TO SAVANNAH RIVER, SC

- \*11. I-40 east to I-26 (47 miles);
- \*12. I-26 south to SC (42 miles)

~~SAFEGUARDS INFORMATION~~

EMERGENCY PHONE NUMBERS: (803) SC

SOUTH CAROLINA

~~SAFEGUARDS INFORMATION~~

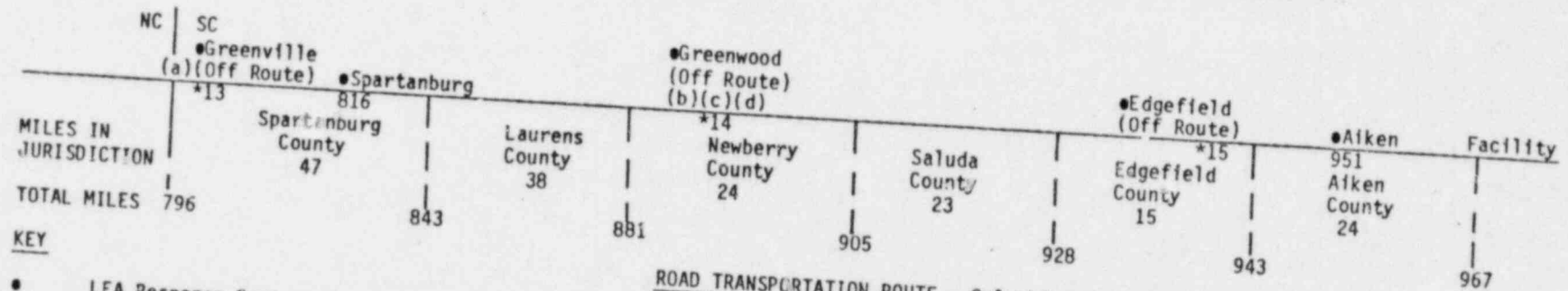
GREENVILLE  
HP (803)235-7471

SPARTANBURG  
S (803)582-4771 (911)

GREENWOOD  
HP (803)223-4374  
S (803)223-2300

EDGEFIELD  
S (803)637-3112

AIKEN  
S (803)648-9581  
HP (803)648-1346



- KEY**
- LEA Response Center
  - HP/SP Highway Patrol/State Police
  - S Sheriff
  - CP City Police
  - CB Radio Monitored (Base)
  - CB Radio Monitored (Car)
  - CH/No. Channel Monitored
  - R React Group
  - MT Mobile Telephone (Usable)
  - E Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MD to Savannah River, SC

- \*13. I-26 south to SC-121 (95 miles);
- \*14. SC-121 south to SC-19 (47 miles);
- \*15. SC-19 south to Facility (29 miles)

~~SAFEGUARDS INFORMATION~~