

~~SAFEGUARDS INFORMATION~~

Please return to:
Gloria Bernington
SGMT:CRH
05000186620R

When separated from enclosure(s) _____, HANDLE THIS DOCUMENT AS
MAR 6 1985

decontrolled

(insert proper classification)

Enclosure has been sanitized

University of Missouri
ATTN.: Mr. Roland A. Hultsch
Reactor Physicist
Research Reactor Facility
Research Park
Columbia, Missouri 65211

~~SAFEGUARDS INFORMATION~~
~~Unauthorized disclosure subject to~~
~~Administrative and Criminal sanctions.~~

Gentlemen:

This is in regard to your request for approval of a route to be used for transport of spent reactor fuel as contained in your letter of February 21, 1985.

The proposed route requested in your letter of February 21, 1985 is judged to meet the regulatory requirements in accordance with 10 CFR 73.37 for shipments of spent fuel and 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.

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 plans and provided to your carrier along with instructions regarding its use.

Please note that the notification requirements of 10 CFR 73.37(f) and 73.72 for each shipment still apply. When making a notification to a governor or his designee it should be very specific especially with regard to notification of series shipments. Written notification must designate exactly how many individual shipments are to be included. In the event the number of shipments in a series is revised, the change notification should indicate that it is a revision of the original notification and an increase in the number of shipments. In addition, the change notification should specify that the date the information can be decontrolled for any of the shipments in the revised series is ten days after the arrival at the destination of the last shipment in that series.

8503130593 850306
PDR ADOCK 05000168
F PDR

OFFICE						
SURNAME						
DATE						

~~SAFEGUARDS INFORMATION~~

~~SAFEGUARDS INFORMATION~~

Mr. Roland A. Hultsch

- 2 -

MAR 6 1985

Should you require additional information or have questions concerning this matter, please contact Charles Hillman of my staff (301-427-4186).

Sincerely,

15/ Theodore S. Sherr

Theodore S. Sherr, Chief
Material Transfer SG Licensing Branch
Division of Safeguards, NMSS

Enclosure:
As stated

Columbia/Idaho Falls
05000186620R

DISTRIBUTION:

w/enclosure:	w/o enclosure:
Docket File/50-186	SGMT r/f
Case File/50-186	Subj. File #3.18
Region III	NMSS r/f
Region IV	RFonner
	LCrouse
	DWeiss
PDR (Sanitized)	CHillman

Route only:
SGagner, PA

SGMT
CRHillman
3/5/85

SGMT
CKNulsen
3/5/85

SGMT
TSherr
3/ /85

~~SAFEGUARDS INFORMATION~~

SAFEGUARDS INFORMATION

SPENT NUCLEAR FUEL ROUTE SURVEY

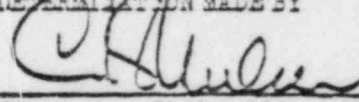
Columbia, Missouri

to

Idaho Falls, Idaho

FEB 1985

SAFEGUARDS INFORMATION
REITERATION MADE BY



Signature-Title-Office-Date

Theodore S. Sherr, Chief
Material Transfer Safeguards
Licensing Branch, NMSS

TS

When separated from enclosure(s) _____
_____, HANDLE THIS DOCUMENT AS

SAFEGUARDS INFORMATION
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administrative and Criminal sanctions.

~~UNCONTROLLED~~
(insert proper classification)

SAFEGUARDS INFORMATION

ROAD TRANSPORTATION ROUTE
Columbia, MO to Idaho Falls, ID

MISSOURI

1. University of Missouri north to I-70*	2.0 miles
2. I-70 west to I-435	117.0 miles
3. I-435 north to MO 210**	7.0 miles
4. MO 210 west to I-29**	4.0 miles
5. I-29 north to Iowa State Line	<u>124.0 miles</u>

Subtotal 254.0 miles

IOWA

6. I-29 north to I-80	47.0 miles
7. I-80 west to Nebraska State Line	<u>4.0 miles</u>

Subtotal 51.0 miles

NEBRASKA

8. I-80 west to Wyoming State Line	460.0 miles
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WYOMING

9. I-80 west to Utah State Line	404.0 miles
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UTAH

10. I-80 west to I-84	29.0 miles
11. I-84 north to I-15	35.0 miles
12. I-15 north to Idaho State Line	<u>56.0 miles</u>

Subtotal 120.0 miles

IDAHO

13. I-15 north to US 26	92.0 miles
14. US 26 north/west to US 20*	34.0 miles
15. US 20 west to Idaho National Laboratory*	<u>3.5 miles</u>

Subtotal 129.5 miles

TOTAL MILES 1,418.5 miles

* Access to or exit from Interstate System.
** Pending State designation as state preferred route.

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.

MISSOURI

1. Derby Truck Stop. 3 miles west of Columbia at mile marker 122, open 24 hours.
2. Shell Truck Stop. Located at State Highway B exit, mile marker 104.
3. Skelly Truck Stop, Loethen Oil Co., Inc. I-70, Exit 74.
4. Union 76 Truck Stop. I-70, Exit 28, 1 mile west of Jackson County Line.
5. Farris Mid-Continent Truck Stop, Phillips 66. I-29, Exit 35, 4 miles north of Buchanan County Line.
6. Weidmaier Truck Stop, Skelly, I-29, mile marker 44, 13 miles north of Buchanan County Line.
7. Mid-Continent Truck Stop, Phillips 66. I-29, Exit 79 at MO Route 159 exit.
8. Skelly Truck Stop. I-29, Exit 110.

IOWA

No food and fuel services identified.

NEBRASKA

1. Grant's Truck and Car Stop. I-80, Exit 363, York County.
2. Bosselman's Truck Plaza, Standard Oil. US 34 at I-80, Grand Island, NE.
3. Wood River Truck Plaza, Skelly Oil. I-80, Exit 300, Wood River, NE.
4. Multiple Truck Stops. I-80, North Platte, NE.
5. Union 76 Truck Stop. I-80, Exit 126, Ogallala, NE.

WYOMING

1. Truck Stop. Interstate 80 mile marker 388, Antelope, WY.
2. Multiple Truck Stops. Cheyenne, WY.
3. Truck Stop. I-80, Walcott, WY. Exit.
4. Multiple Truck Stops. I-80, Rawlins, WY.
5. Multiple Truck Stops. I-80, Rock Springs, WY.

FEB 1985

UTAH

1. Flying J. Truck Stop. Ogden, Utah, I-84, 15, 21st Street Exit.
2. Cross Roads Truck Stop. Near Tremonton, Utah, I-15, 2 miles north of I-80/15 split.

IDAHO

1. Flags West Truck Stop. I-15, mile marker 31, Melad City, Idaho.
2. Paris Truck Stop. I-15, Exit 67, Pocatello, Idaho.

EMERGENCY PHONE NUMBERS: Area Codes: (314)(816)

MISSOURI

JEFFERSON CITY
SP (314) 636-5171

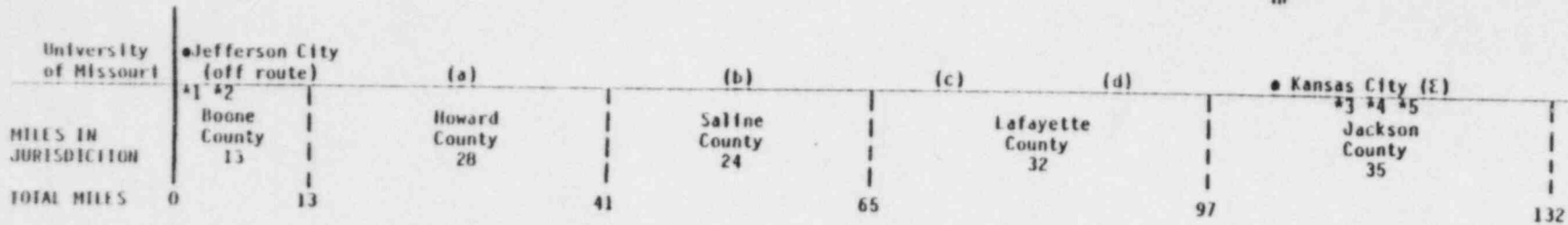
KANSAS CITY
SP (816) 524-1407

Comm: MI, CH 9, R

MT, CH 9, R

LEA: HP

HP



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
- MI Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

- *1. University of Missouri north to I-70 (2 miles);
- *2. I-70 west to I-435 (117 miles);
- *3. I-435 north to MO 210 (7 miles);
- *4. MO 210 west to I-29 (4 miles);
- *5. I-29 north to Iowa (124 miles);

EMERGENCY PHONE NUMBERS: Area Codes: (816)(712)

MISSOURI/IOWA

ST. JOSEPH
HP (816)233-0291

ATLANTIC
HP (800)362-2200
or (712)243-4224

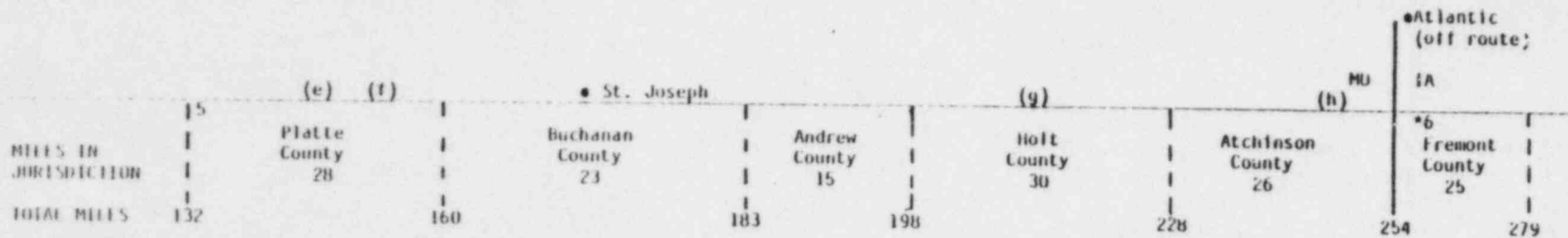
COPPS:

MI, CH 9, R

111A:

HP

HP



KEY

- IIA 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/RO Channel Monitored
- R React Group
- MI Mobile telephone (Useable)
- I Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

- 5. I-29 north to Iowa (124 miles);
- *6. I-29 north to I-80 (47 miles);

NEBRASKA

EMERGENCY PHONE NUMBERS: Area Code: (712)(402)

ATLANTIC
SP (712) 243-4224
(820) 362-2200

OMAHA
SP (402) 331-3333

LINCOLN
HP (402) 477-4545

Comm:

MT,  CH 9

MT,  CH 9

LEA:

SP




SP

HP

IA | NE

		(a)		E • Council Bluffs E • Omaha									
		Mills County		Pottawattamie County		Douglas County		Sarpy County		Cass County		Lancaster County	
MILES IN JURISDICTION	6	17	9	10	16	12	26						
TOTAL MILES	279	296	305	315	331	343	369						

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 (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

- 6. I-29 north to I-80 (47 miles);
- *7. I-80 west to Nebraska State Line (4 miles);
- *8. I-80 west to Wyoming (460 miles);

EMERGENCY PHONE NUMBERS: Area Code (308)

NEBRASKA

GRAND ISLAND
SP (308) 382-8962

Comm:



TEA:

MI  CH 9

SP

	(a)	(b)	(c)	Grand Island (d)(off route)(e)	(f)
MILES IN JURISDICTION	18 Seward County 25	York County 24	Hamilton County 25	Hall County 25	Buffalo County 37
TOTAL MILES	369	394	418	443	468
					505

KEY

- TIA 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/HD Channel Monitored
- R React Group
- MI Mobile Telephone (Useable)
- † Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID


B. I-80 west to Wyoming (408 miles);

EMERGENCY PHONE NUMBERS: Area Code (308)

NEBRASKA

NORTH PLATTE
HP (308)532-3430

Comm:

MT.  CH 9, R




LEEA:

HP

(g) (h) ●North Platte (i)

	H				
		Lawson		Lincoln	
MILES IN JURISDICTION		County		County	
		48		61	
TOTAL MILES	505		553		614

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 (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

8. I-80 west to Wyoming (408 miles);

FEB 1985

EMERGENCY PHONE NUMBERS: Area Code (308)

NEBRASKA

OGALLALA
S (308) 284-3641

SIDNEY
HP (308) 254-4042

Comm:

MI, CH 9

LTIA:

S

HP

	(3) • Ogallala	(1) •	(1) • Sidney
MILES IN JURISDICTION	Keith County 43	Deuel County 31	Cheyenne County 41
TOTAL MILES	614	688	729

KEY

• IFA 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/RO Channel Monitored
R React Group
MI Mobile Telephone (Useable)
† Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

B. I-80 west to Wyoming (408 miles);

EMERGENCY PHONE NUMBERS: Area Code WY (307)

NEBRASKA/WYOMING

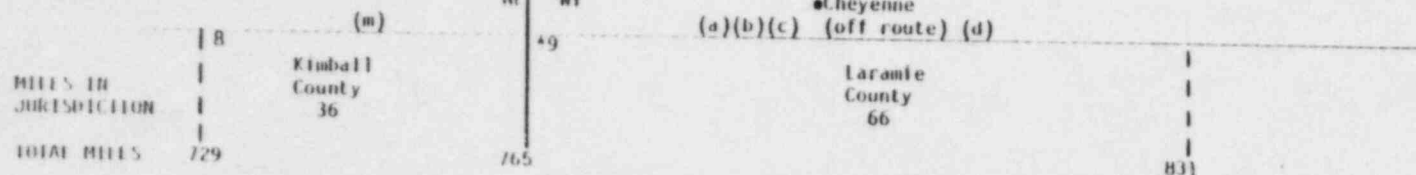
CHEYENNE
HP (800) 442-9090
(307) 777-7301
S (307) 634-7931

Comm:

MI, CH 9/19, R CH 9/13/19

TTA:

HP, S



KEY

• TTA Response Center
HP/SP Highway Patrol/State Police
S Sheriff
CP City Police
C*P County Police
CB Base CB Radio Monitored (Base)
CB Car CB Radio Monitored (Car)
CH/RO Channel Monitored
R React Group
MI Mobile Telephone (Useable)
E Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

- 8. I-80 west to Wyoming (408 miles);
- *9. I-80 west to Utah (404 miles);

EMERGENCY PHONE NUMBERS: Area Code (307)

WYOMING

LARAMIE
HP (800) 442-9090
HP (307) 742-6695
S (307) 742-6666

RAWLINS
HP (800) 442-9090
HP (307) 324-5345
S (307) 324-2776

COMM: CH 9/19, R

MT, CH 9/19, R

LEA: HP, S

HP, S

	(e)(f) Laramie	(g) Carbon County	(h) Rawlins (i)
MILES IN JURISDICTION	19 Albany County 58	82	97
TOTAL MILES	831	809	971

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 (If available)
- I Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MD to Idaho Falls, ID

9. I-80 west to Utah (404 miles);

EMERGENCY PHONE NUMBERS: Area Code (307)

WYOMING

ROCK SPRINGS
HP (800) 442-9090
(307) 382-6621
(8am - 5pm)
S (307) 362-6900

EVANSTON
HP (800) 442-9090
(307) 789-2141
(8am - 5pm)
S (307) 789-2331

Comm:

MI, CH 9/19, R

MI CH 9/19

LEA:

HP, S

HP, S

(J)

(k) ●Rock Springs

NY | UI
●Evanston

MILES IN JURISDICTION
TOTAL MILES
971

Sweetwater
County
140

1111

Uinta
County
58

1169

KEY

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

- 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/RO Channel Monitored
- R React Group
- MI Mobile Telephone (Useable)
- E Escort Required

9. I-80 west to Utah (404 miles);

UTAH

EMERGENCY PHONE NUMBERS: Area Code (801)

ECHO
HP (801) 289-3122

MORGAN
S (801) 829-3745

OGDEN
HP (801) 479-9290

BRIGHAM CITY
HP (801) 723-7614
S (801) 734-9441
HP (801) 734-9414
(Port-of-Entry)

TREMUNTON
HP (801) 723-7614

Comm: CH 19/9, R

MT, R CH 19/9 R CH 9
CH 19/9

MT CH 19/9

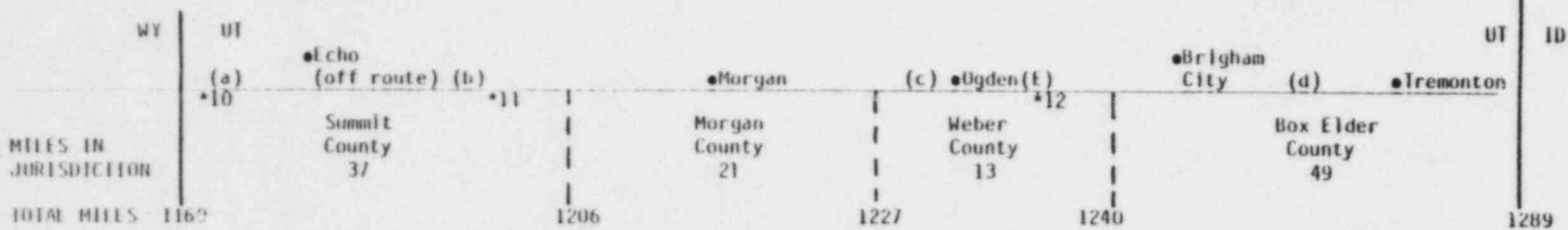
LEA: HP

S

HP

HP, S

HP



KEY

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

ROAD TRANSPORTATION ROUTE - Columbia, MO to Idaho Falls, ID

- *10. I-80 west to I-84 (29 miles);
- *11. I-84 north to I-15 (35 miles);
- *12. I-15 north to Idaho State Line (56 miles);

EMERGENCY PHONE NUMBERS: Area Code (208)

IDAHO

POCATELLO
SP (208) 232-1426

IDAHO FALLS
SP (208) 522-5141

Comm:

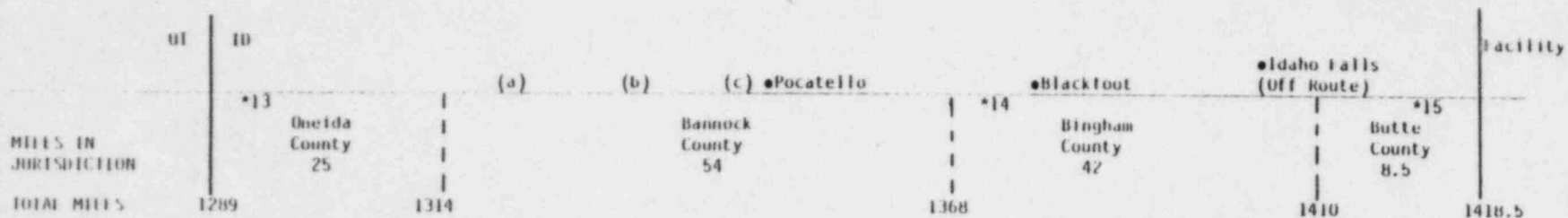
MI, CH 9/19

 CH 9/19, R

IIIA:

SP

SP



KEY

- IIA 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
- MI Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - Columbia, MD to Idaho Falls, ID

- *13. I-15 north to US 26 (92 miles).
- *14. US 26 north/west to US 20 (34 miles); and
- *15. US-20 west to Idaho National Laboratory (3.5 miles).