

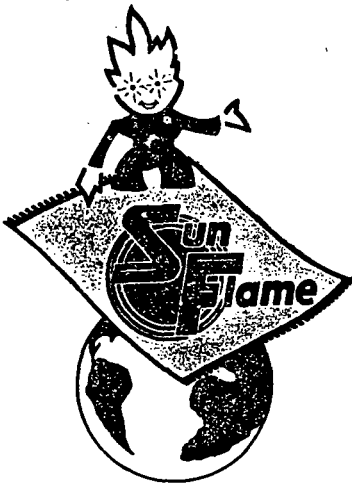
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**S.F. APPLIANCES
LIMITED**

613 W. Washington Street
MORRIS, Illinois, 60450.
Telephone: 815 942 0864
Telex: 723442
A member of the VALOR GROUP

June 16, 1980

Ref. N.R.C. License
STB 258



United States
Nuclear Regulatory Commission Region 111'
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Att. Rose Douglas

Dear Ms Douglas:
This is to further respond to your I.E. Bulletin No. 79-19,
In answer to are shippment of low-level radioactive waste.

Please find enclosed copies of No. CNS 201 which we
submitted pry to are shippment of 29-55 Gal. Drums and
44-55 Gal Drums of low-level radioactive mantle waste, these
were sent to Chem Nuclear Systems, Barnwell South Carolina.
Shipped Feb. 8, 1980 direct to burial site located at
Osborn Rd. Hwy 64 Snelling S.C.

In reply to the matter of radiocative material diposed
of at are plant this few items were buried at the rear of are buildir
under 6 ft. of soil as agreed with the inspector from
N.R.C.

Further shippments of waste will be placed in sealed
steel drums and pericodically shipped to a licensed
sight to be disposed of.

If any further information is required kindly let us know.

Yours truly;

S.F. APPLIANCES LIMITED

Mrs B.J. Joneson

Mrs. B.J. Joneson
Sec.

BJJ:sf
enclosed

JUN 18 1980

A-60

BARNWELL WASTE MANAGEMENT FACILITY

Shipping Date _____ **CNSI USE ONLY**
 Arrival Date _____ Survey No. _____

Contact: K.G. PALAWAY
 Address: 613 W. WASHINGTON ST
MORRIS, AL. 60450

Operated by: **CHEM-NUCLEAR SYSTEMS, INC.**
 P. O. Box 726, Barnwell, South Carolina 29812
 (803) 259-1781

Customer Survey No. _____ Date Buried _____ By _____
 Radiation Reading _____ Weight _____
 Trench No. _____ WCC _____
 Type of Cask DRUM (16) LOC Code _____ Items _____
 Trailer # 94316 Total PERS EXP. _____

RADIOACTIVE SHIPMENT RECORD FORM
 Page 4 of 4
 Carrier Name RYDER TRUCK LINES
 Driver Signature [Signature]
 Date & Time Rec'd 2-8-80 0900

Telephone # 815/942-0864

TO: _____

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Item Number	Radio-nuclide	Physical Form	Chemical Form	Waste Description	SNM (Grams)	Source (Pounds)	Activity (Millicuries)	Gross Weight	Transport Group	Container Cu. Ft.	Container Spec.	Rad. Level (mR/HR) Surface 3 ft.	External Removable Contamination DPM/100cm ² α β/γ	Label Used
61	TH-232	SOLID	TH NITRATE	MANURE SLURRY	0	0.39	0.13	32	3	1.3	217	1.5	LESS THAN 400	11
62	"	"	"	"	0	0.53	0.17	38	3			1.5	"	11
63	"	"	"	"	0	0.62	0.20	42	3			1.5	"	11
64	"	"	"	"	0	0.65	0.21	43	3			1.5	"	11
65	"	"	"	"	0	0.65	0.21	43	3			1.5	"	11
66	"	"	"	"	0	0.67	0.22	44	3			1.5	"	11
67	"	"	"	"	0	0.65	0.21	43	3			1.5	"	11
68	"	"	"	"	0	0.51	0.17	37	3			1.5	"	11
69	"	"	"	"	0	0.58	0.19	40	3			1.5	"	11
70	"	"	"	"	0	0.44	0.14	34	3			1.5	"	11
71	"	"	"	"	0	0.24	0.24	47	3			1.5	"	11
72	"	"	"	"	0	0.67	0.22	44	3			1.5	"	11
73	"	"	"	"	0	0.44	0.14	34	3			1.5	"	11
TOTAL	13				0	7.54	2.45			16.9				

LSA SHIPMENT

IMPORTANT: This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Signature: [Signature]
 Company: S.F. APPLIANCES LTD. Date: _____
 (See Reverse Side for Instructions for Completing This Form)

Copies: White-Accompany Shipment; Canary-Customer; Pink-Carrier

"Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low-level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No. 097 as amended, and the Nuclear Regulatory Commission's License No. 46-13536-01 as amended, and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment, and further certification is made that the inspection revealed no items of non-compliance with all applicable laws, rules and regulations."

Date: _____ By: [Signature]
 Title and Organization: Vice President, S.F. Appliances Ltd.
 Telephone No. (815) 942-0864

Form No. CNS-201 (9/79)

FROM: Company Name: S.F. APPLIANCES LTD.

BARNWELL WASTE DISPOSAL FACILITY

Shipping Date _____

CNSI USE ONLY

Contact: R. G. CALAWAY

Operated by: **CHEM-NUCLEAR SYSTEMS, INC.**

Address: 613 W. WASHINGTON ST.
MORRIS, LA. 60450

P. O. Box 726, Barnwell, South Carolina 29812
(803) 259-1781

Arrival Date _____ Survey No. _____
Date Buried _____ By _____
Radiation Reading _____ Weight _____
Trench No. _____ WCC _____
LOC Code _____ Items _____
Total PERS EXP. _____

RADIOACTIVE SHIPMENT RECORD FORM

Page 1 of 4

Telephone # 815/942-0864

Carrier Name Ryder Truck Lines

Driver Signature H. Mitchell

Date & Time Rec'd 2-8-80 0900

(16)
Type of Cask DRUM
Trailer # 94316

TO: _____

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
Item Number	Radio-nuclide	Physical Form	Chemical Form	Waste Description	SNM (Grams)	Source (Pounds)	Activity (Millicuries)	Gross Weight	Transport Group	Container Cu. Ft.	Container Spec.	Rad. Level (mR/HR) Surface 3 ft.	External Removable Contamination DPM/100cm ² α β/γ	Label Used	
1	TH-232	SOLID	TH-NITRATE	MINERAL SPORE	0	2.13	0.64	142	3	7.3	17.4	5.0	1.5	ASSISTANT < 100	11
2	" "	"	" "	" "	0	3.04	0.98	181	3	7.3	17.4	5.0	1.5	" " < 100	11
3	" "	"	" "	" "	0	2.13	0.64	142	3	7.3	17.4	5.0	1.5	" " < 100	11
4	" "	"	" "	" "	0	1.97	0.64	135	3	7.3	17.4	5.0	1.5	" " < 100	11
5	" "	"	" "	" "	0	1.99	0.65	136	3	7.3	17.4	5.0	1.5	" " < 100	11
6	" "	"	" "	" "	0	2.44	0.79	155	3	7.3	17.4	5.0	1.5	" " < 100	11
7	" "	"	" "	" "	0	2.16	0.70	143	3	7.3	17.4	5.0	1.5	" " < 100	11
8	" "	"	" "	" "	0	2.02	0.65	137	3	7.3	17.4	5.0	1.5	" " < 100	11
9	" "	"	" "	" "	0	1.62	0.53	120	3	7.3	17.4	5.0	1.5	" " < 100	11
10	" "	"	" "	" "	0	2.18	0.71	144	3	7.3	17.4	5.0	1.5	" " < 100	11
11	" "	"	" "	" "	0	2.16	0.70	143	3	7.3	17.4	5.0	1.5	" " < 100	11
12	" "	"	" "	" "	0	1.93	0.62	134	3	7.3	17.4	5.0	1.5	" " < 100	11
13	" "	"	" "	" "	0	2.25	0.73	147	3	7.3	17.4	5.0	1.5	" " < 100	11
14	" "	"	" "	" "	0	2.32	0.73	150	3	7.3	17.4	5.0	1.5	" " < 100	11
15	" "	"	" "	" "	0	2.20	0.71	143	3	7.3	17.4	5.0	1.5	" " < 100	11
16	" "	"	" "	" "	0	2.78	0.90	170	3	7.3	17.4	5.0	1.5	" " < 100	11
17	" "	"	" "	" "	0	2.34	0.76	151	3	7.3	17.4	5.0	1.5	" " < 100	11
18	" "	"	" "	" "	0	2.11	0.68	141	3	7.3	17.4	5.0	1.5	" " < 100	11
19	" "	"	" "	" "	0	2.45	0.80	156	3	7.3	17.4	5.0	1.5	" " < 100	11
20	" "	"	" "	" "	0	2.64	0.86	164	3	7.3	17.4	5.0	1.5	" " < 100	11
TOTAL	20				0	44.87	14.54			146.4					

LSA Shipment

IMPORTANT: "This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

Signature R.G. Calaway

Company S.F. Appliances Ltd. Date _____

(See Reverse Side for Instructions for Completing This Form)

Copies: White-Accompany Shipment; Canary-Customer; Pink-Carrier

"Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low-level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No. 097 as amended, and the Nuclear Regulatory Commission's License No. 46-13536-01 as amended, and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment, and further certification is made that the inspection revealed no items of non-compliance with all applicable laws, rules and regulations."

Date: 2-5-1980 By: R.G. Calaway

Form No. CNS-201 (9/79)

Title and Organization Vice President, S.F. Appliances Ltd.

Telephone No. 815 942-0864

FROM: Company Name: S. J. APPLICATOR LTD.

BARNWELL WASTE MANAGEMENT FACILITY

Shipping Date _____

UNST USE ONLY

Contact: K. G. CALAWAY
Address: 613 W. WASHINGTON ST.
MORRIS, ILL 60450

Operated by: **CHEM-NUCLEAR SYSTEMS, INC.**
P. O. Box 726, Barnwell, South Carolina 29812
(803) 259-1781

Arrival Date _____ Survey No. _____
Date Buried _____ By _____
Radiation Reading _____ Weight _____
Trench No. _____ WCC _____
LOC Code _____ Items _____
Total PERS EXP. _____

RADIOACTIVE SHIPMENT RECORD FORM

Page 2 of 4

Telephone # 815/442-0864

Carrier Name RYDER TRUCK LINES
Driver Signature _____
Date & Time Rec'd 3-2-80 11:00

(16)
Type of Cask DRUM
Trailer # 91316

TO: _____

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Item Number	Radio-nuclide	Physical Form	Chemical Form	Waste Description	SNM (Grams)	Source (Pounds)	Activity (Millicuries)	Gross Weight	Transport Group	Container Cu. Ft.	Container Spec.	Rad. Level (mR/HR) Surface 3 ft.	External Removable Contamination DPM/100cm ² α β/γ	Label Used
21	TH-232	SOLID	TH-NICOTINATE	DRUM	0	2.37	0.54	152	3			1.5	RESISTAN	<100
22	"	"	"	"	0	2.97	0.56	178	3			1.5	"	<100
23	"	"	"	"	0	2.09	0.52	150	3			1.5	"	<100
24	"	"	"	"	0	1.81	0.54	128	3			1.5	"	<100
25	"	"	"	"	0	2.16	0.70	142	3			1.5	"	<100
26	"	"	"	"	0	3.36	1.09	195	3			1.5	"	<100
27	"	"	"	"	0	2.89	0.57	166	3			1.5	"	<100
28	"	"	"	"	0	2.53	0.52	154	3			1.5	"	<100
29	"	"	"	"	0	2.60	0.57	162	3			1.5	"	<100
30	"	"	"	"	0	0.47	0.14	51	3			1.5	"	<100
31	"	"	"	"	0	0.56	0.18	57	3			1.5	"	<100
32	"	"	"	"	0	0.58	0.17	52	3			1.5	"	<100
33	"	"	"	"	0	0.44	0.14	37	3			1.5	"	<100
34	"	"	"	"	0	5.44	0.17	122	3			1.5	"	<100
35	"	"	"	"	0	2.42	0.11	72	3			1.5	"	<100
36	"	"	"	"	0	0.30	0.10	32	3			1.5	"	<100
37	"	"	"	"	0	0.41	0.10	47	3			1.5	"	<100
38	"	"	"	"	0	0.26	0.11	31	3			1.5	"	<100
39	"	"	"	"	0	0.17	0.04	33	3			1.5	"	<100
40	"	"	"	"	0	0.71	0.17	27	3			1.5	"	<100
TOTAL	20				0	27.62	3.24			10.0				

LSA SHIPMENT

IMPORTANT: This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Signature: K. G. Calaway
Company: S. J. Applicator Ltd. Date: _____
(See Reverse Side for Instructions for Completing This Form)

"Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low-level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No. 097 as amended, and the Nuclear Regulatory Commission's License No. 46-13536-01 as amended, and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment, and further certification is made that the inspection revealed no items of non-compliance with all applicable laws, rules and regulations."

Date: 3-2-80 By: K. G. Calaway Form No. CNS-201 (9/79)
Title and Organization: Vice President, S. J. Applicator Ltd.
Telephone No: (815) 942-0864

Copies: White-Accompany Shipment; Canary-Customer; Pink-Carrier

FROM: Company Name: J.F. APPLIANCES, INC.

Contact: K. G. CALAWAY

Address: 613 W. WASHINGTON ST
MORRIS, ILL. 60450

Telephone # 815/942-0864

TO: _____

BARNWELL WASTE MANAGEMENT FACILITY

Operated by: **CHEM-NUCLEAR SYSTEMS, INC.**

P. O. Box 726, Barnwell, South Carolina 29812
(803) 259-1781

RADIOACTIVE SHIPMENT RECORD FORM

Page 3 of 4

Carrier Name RYDER TRUCK LINES

Driver Signature [Signature]

Date & Time Rec'd 2-9-80 0900

Shipping Date _____

CNSI USE ONLY

Arrival Date _____ Survey No. _____

Customer Survey _____

Date Buried _____ By _____

No. _____

Radiation Reading _____ Weight _____

(16)

Trench No. _____ WCC _____

Type of Cask DRUM

LOC Code _____ Items _____

Trailer # 94316

Total PERS EXP. _____

(1) Item Number	(2) Radio-nuclide	(3) Physical Form	(4) Chemical Form	(5) Waste Description	(6) SNM (Grams)	(7) Source (Pounds)	(8) Activity (Millicuries)	(9) Gross Weight	(10) Transport Group	(11) Container Cu. Ft.	(12) Container Spec.	(13) Rad. Level (mR/HR)		(14) External Removable Contamination DPM/100cm ² α B/y	(15) Label Used
												Surface	3 ft.		
41	TH-232	SOLID	TH. NITRATE	MANILA BAG	0	0.53	0.17	38	3	1.3	17.4	5.0	1.5	LESS THAN 100	11
42	"	"	"	"	0	0.42	0.14	33	3	"	"	5.0	1.5	"	11
43	"	"	"	"	0	0.81	0.26	50	3	"	"	5.0	1.5	"	11
44	"	"	"	"	0	0.35	0.11	30	3	"	"	5.0	1.5	"	11
45	"	"	"	"	0	0.30	0.10	28	3	"	"	5.0	1.5	"	11
46	"	"	"	"	0	0.58	0.19	40	3	"	"	5.0	1.5	"	11
47	"	"	"	"	0	0.23	0.08	25	3	"	"	5.0	1.5	"	11
48	"	"	"	"	0	0.44	0.14	34	3	"	"	5.0	1.5	"	11
49	"	"	"	"	0	0.25	0.08	26	3	"	"	5.0	1.5	"	11
50	"	"	"	"	0	0.74	0.24	52	3	"	"	5.0	1.5	"	11
51	"	"	"	"	0	0.58	0.19	40	3	"	"	5.0	1.5	"	11
52	"	"	"	"	0	0.35	0.11	30	3	"	"	5.0	1.5	"	11
53	"	"	"	"	0	0.42	0.14	33	3	"	"	5.0	1.5	"	11
54	"	"	"	"	0	0.51	0.17	37	3	"	"	5.0	1.5	"	11
55	"	"	"	"	0	0.53	0.17	38	3	"	"	5.0	1.5	"	11
56	"	"	"	"	0	0.39	0.13	32	3	"	"	5.0	1.5	"	11
57	"	"	"	"	0	0.67	0.22	44	3	"	"	5.0	1.5	"	11
58	"	"	"	"	0	0.56	0.18	39	3	"	"	5.0	1.5	"	11
59	"	"	"	"	0	0.32	0.11	29	3	"	"	5.0	1.5	"	11
60	"	"	"	"	0	0.42	0.14	33	3	"	"	5.0	1.5	"	11
TOTAL	201				0	7.40	3.07								

LSA SHIPMENT

IMPORTANT: "This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

Signature [Signature]
Company J.F. Appliances, Inc. Date 2/9/80
(See Reverse Side for Instructions for Completing This Form)

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Date: 2-8-80 By: [Signature]
Title and Organization Vice President of J.F. Appliances, Inc.
Telephone No. (815) 942-0864
Form No. CNS-201 (9/79)

Copies: White-Accompany Shipment; Canary-Customer; Pink-Carrier