

Rejected.

~~Should this be coded
proprietary? Safeguards info.~~

Charles Hillman

Group 2

~~OK'd for 3 page
letter to be entered into PDR~~

03/10/83

Charles Hillman
Safeguards Division
OKED for enclosure
to be put into PDR.

GENERAL ELECTRIC

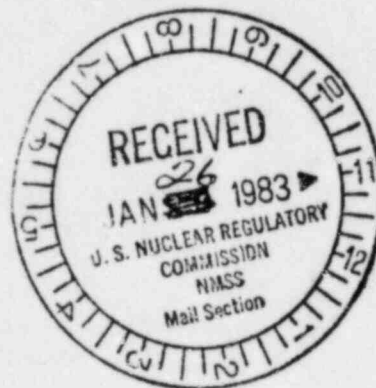
NUCLEAR ENERGY BUSINESS OPERATIONS
GENERAL ELECTRIC COMPANY • 175 CURTNER AVENUE • SAN JOSE, CALIFORNIA 95125

70-754
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23114

January 7, 1983

File MWK:83-13
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U. S. Nuclear Regulatory Commission
Region I, Office of Inspection
and Enforcement
631 Park Avenue
King of Prussia, PA 19406



Attention: Mr. James H. Joyner, Chief
Technical Inspection Branch

Subject: Shipment of Twenty-Eight
Irradiated Fuel Rod Segments

Gentlemen:

General Electric Co., Nuclear Energy Business Operations, is planning a shipment of 28 irradiated fuel rod segments from Millstone Nuclear Power Station, end of Millstone Road, Waterford, Connecticut to our Vallecitos Nuclear Center, Pleasanton, California.

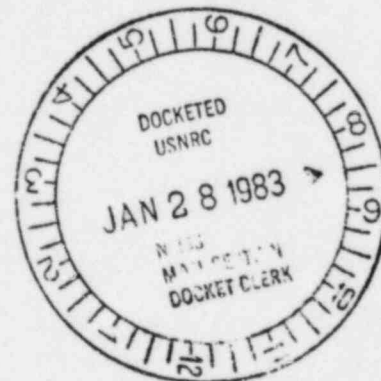
The GE Model 1600 Cask, Serial Number 1605, will be transported by Home Transportation Company, Inc. in complete accordance with Title 10, Code of Federal Regulations, Part 73.37.

General Electric will be shipping at Millstone, Waterford, CT on our License Number SNM-1270 to General Electric Company, Vallecitos Nuclear Center, Pleasanton, California, License Number SNM-960. Our contact at Millstone Nuclear Power Station is Mr. Mike J. Bigiarelli, Nuclear Engineer.

Shipment details are as follows:

Quantity and Type of Fuel

- a.) 28 Segment Fuel Rods plus Hardware
- b.) 53,040 Curies Total
- c.) Total Segment Decay Heat - 159 Watts
- d.) Total Weight U plus Pu - 16,720.56 Grams



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Segment Isotopics

e.)	Segment Serial No.	Original Enrichment % U-235	U Weight (Grams)	U-235 Weight (Grams)	Total PU Wt. (Grams)
	STR027	2.9	617.42	8.85	4.33
	STR026	2.9	608.39	5.04	5.54
	STR025	2.9	604.89	3.99	6.03
	STR024	2.9	609.93	5.60	5.36
	STR019	2.9	617.42	8.85	4.33
	STR018	2.9	607.75	4.86	5.66
	STR017	2.9	604.89	3.99	6.03
	STR016	2.9	609.55	5.46	5.41
	DTC1404	2.9	580.57	6.21	4.25
	DTC1406	2.9	578.21	5.20	4.55
	DTC1110	2.9	580.23	6.48	4.55
	DTC1113	2.9	577.99	5.57	4.86
	DTC1512	2.9	613.82	6.57	4.50
	DTC1502	2.9	611.31	5.5	4.82
	DTC1513	2.9	615.11	7.16	4.32
	DTC2702	2.9	558.94	8.13	3.67
	DTC2703	2.9	557.38	7.37	3.93
	DTC2517	2.9	590.26	11.52	2.73
	DTC2518	2.9	584.68	8.51	3.83
	DTB2409	2.9	583.04	7.71	4.12
	DTC2507	2.9	585.51	8.93	3.69
	DTC2102	2.9	590.26	11.52	2.73
	DTC2603	2.9	584.68	8.51	3.83

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Segment Isotopics

e.) Segment Serial No.	Original Enrichment % U-235	U Weight (Grams)	U-235 Weight (Grams)	Total PU Wt. (Grams)
DTC2604	2.9	583.04	7.71	4.12
DTC2103	2.9	585.51	8.93	3.69
DTC2501	2.9	584.68	8.51	3.83
DTC2601	2.9	583.04	7.71	4.12
DTC2508	2.9	590.26	11.52	2.73
TOTALS		<u>16,599</u>	<u>205.91</u>	<u>121.56</u>

Cask Identification: USA/9044/B()F

Cask Weight: 25,950 Lbs.

The attached shipment schedule contains information the Nuclear Regulatory Commission classifies as Safeguards Information subject to 10 CFR 73.21 requirements. We request that the contents of the letter be handled and dispersed only on a need-to-know basis as unauthorized disclosure is subject to administrative and criminal sanctions.

The information regarding shipment schedules must be safeguarded for a minimum of ten (10) days after completion of the shipment.

You will be notified of actual completion date and time. We will keep you advised of any changes in the shipment schedule should they occur.

Very truly yours,

M. J. De Rue for

M. W. Kirkland, Specialist
Hazardous Materials Transportation
(408) 925-5703

MWK:sh

cc: Region III, USNRC
Mr. James Creed

Region IV, USNRC
Mr. James Kelly

Region V, USNRC
Mr. Leroy Norderhaug

Nuclear Materials
Safety & Safeguards/SGMT
USNRC Washington, D. C.
Mr. Charles Hillman