

650-00483



ULNRC-03026
May 31, 1994

US Nuclear Regulatory Commission
Regional Administrator, Region II
101 Marietta St., N.W.
Suite 2900
Atlanta, GA 30323

Dear Sir,

Pursuant to requirements contained in the Code of Federal Regulations, Title 10, Part 71.97, "Advance Notification of Shipment of Nuclear Waste", be advised that Union Electric Company, operators of the Callaway Nuclear Plant, intends to deliver low-level radioactive waste to a common carrier for transport through the Region II states of Kentucky, Tennessee, Georgia, and South Carolina to a disposal facility.

Enclosed is a two-page attachment for the shipment giving specific details required by 10 CFR 71.97 pertinent to the shipment. If the shipment is delayed or cancelled, you will be notified by telephone and/or in writing.

If further assistance is required on this matter, please contact Jim Cruickshank at (314) 676-8230.

Respectfully,

A handwritten signature in cursive script, appearing to read "J. D. Blosser".

J. D. Blosser
Manager, Callaway Plant
Union Electric Company

^{RRR}
JDB/RRR/JWC/gjt

Attachment

cc: Distribution attached

660032

NMO 6/11

cc distribution for ULNRC-03026

with enclosures

J. B. Martin, Regional Administrator
U.S. Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, IL 60532-4351

M. J. Farber, Chief
Reactor Project Section IIIA
U.S. Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, IL 60532-4351

L. T. Wharton
Licensing Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop 13-E-21
Washington, DC 20555

Manager, Electric Department
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

B. L. Bartlett/D. L. Calhoun
Resident NRC Inspector, Callaway Plant
Callaway Resident Office
U.S. Nuclear Regulatory Commission
8201 NRC Road
Steedman, MO 65077-1302

Shaw, Pittman, Potts, & Trowbridge
2300 N. Street, N.W.
Washington, DC 20037

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Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Station Pl-137
Washington, DC 20555

ADVANCE NOTIFICATION REQUIREMENTS FOR
SHIPMENT OF LICENSED RADIOACTIVE MATERIAL
PURSUANT TO 10 CFR 71.97

10 CFR 71.97 (d) INFORMATION REQUIRED

- (1) NAME, ADDRESS, AND TELEPHONE NUMBER OF THE SHIPPER, CARRIER, AND RECEIVER OF THE NUCLEAR WASTE SHIPMENT.

SHIPPER

NAME: Union Electric Company - Callaway Plant
ADDRESS: Jct. Hwy 0 and Hwy CC
Fulton, MO 65251
TELE NO: 314-676-8233

CARRIER

NAME: Hittman Transport
ADDRESS: 1560 Bear Creek Road
Oak Ridge, TN 37830
TELE NO: 800-448-8626

RECEIVER

NAME: Chem-Nuclear Systems, Inc.
ADDRESS: Osborne Road, P.O. Box 726
Barnwell, SC 29812
TELE NO: 803-259-1781

- (2) THE DESCRIPTION OF THE NUCLEAR WASTE CONTAINED IN THE SHIPMENT AS REQUIRED BY THE REGULATIONS OF DOT IN 49 CFR 172.202 and 172.203 (d).

PROPER SHIPPING NAME: Radioactive Material, n.o.s.
HAZARD CLASS: 7
IDENTIFICATION NO: UN 2982
WEIGHT: 5900 pounds
QUANTITY: 135.8 cubic feet
TYPE OF PACKAGING: Type B

ADDITIONAL DESCRIPTION REQUIREMENTS
PURSUANT TO 49 CFR 172.203 (d)

PREDOMINANT RADIONUCLIDE LIST

<u>ISOTOPE</u>	<u>EST. ACTIVITY</u>	<u>ISOTOPE</u>	<u>EST. ACTIVITY</u>
	Millicuries		Millicuries
Cs-134	1.56E5	Cs-137	1.30E5
Co-59	1.30E5	Fe-55	1.27E5
Co-60	3.78E4	Be-7	3.34E4
Mn-54	2.47E4	Ni-63	1.24E4
Sb-125	1.14E4	Pu-241	2.53E3
Ce-144	2.42E3	Sr-89	2.37E3
Eu-155	1.77E3	In/Sn-113	1.27E3
Co-57	1.24E3		

TOTAL ESTIMATED CURIE CONTENT: 678 CURIES

DESCRIPTION OF THE PHYSICAL AND CHEMICAL FORM OF THE MATERIAL

PHYSICAL FORM: Solid
CHEMICAL FORM: Deposited Metal Oxides

THE TOTAL ACTIVITY CONTAINED IN THE PACKAGE

ESTIMATED ACTIVITY: 678 Curies

THE CATEGORY OF LABEL APPLIED TO THE PACKAGE

LABEL CATEGORY: Yellow III

THE TRANSPORT INDEX ASSIGNED TO THE PACKAGE

TRANSPORT INDEX: 5

- (3) THE POINT OF ORIGIN OF THE SHIPMENT AND THE SEVEN-DAY PERIOD DURING WHICH DEPARTURE OF THE SHIPMENT IS ESTIMATED TO OCCUR.

ORIGIN: Union Electric Company - Callaway Plant
Jct. Hwy 0 and Hwy CC
Fulton, MO 65251

7-DAY PERIOD: 6/6/94 THRU 6/13/94

- (4) THE SEVEN-DAY PERIOD DURING WHICH ARRIVAL OF THE SHIPMENT AT STATE BOUNDARIES IS ESTIMATED TO OCCUR.

STATES: KY/TN/GA/SC ARRIVAL: 6/6/94 THRU 6/13/94
ROUTE: KY - I24; TN - I24 to I75; GA - I75 to I20
SC - I20 to State Rt. 25 to State Rt. 125 to State Rt. 278
to State Rt. 64 to Osborne Road to Burial Facility.

- (5) THE DESTINATION OF THE SHIPMENT AND THE SEVEN-DAY PERIOD DURING WHICH ARRIVAL OF THE SHIPMENT IS ESTIMATED TO OCCUR.

DESTINATION: Chem-Nuclear Systems, Inc
Barnwell Disposal Site
Osborne Road, Barnwell, SC

7-DAY PERIOD: 6/8/94 THRU 6/15/94

- (6) A POINT OF CONTACT WITH TELEPHONE NUMBER FOR CURRENT SHIPMENT INFORMATION.

	<u>PRIMARY</u>	<u>ALTERNATE</u>
NAME	Jim Cruickshank	Control Room
TITLE	Rad Chem Supervisor	Shift Supervisor
TELE NO.	314-676-8230	314-676-8233

24 HOUR TELEPHONE NUMBER: 314-676-8233