



UNITED STATES  
ATOMIC ENERGY COMMISSION  
DIRECTORATE OF REGULATORY OPERATIONS  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

TELEPHONE  
(312) 858-2660

September 7, 1973

*DR Central  
Files  
VSMM-430  
42*

*R*

Region III Files

INSPECTION OF GULF UNITED NUCLEAR FUELS EXPORT SHIPMENT AT PORT OF EXPORT

On September 7, 1973 an inspection was made of two, 15 gallon steel drums, DOT SP 3000, UNC Model 1352, which contained 20,994 grams of uranium metal enriched to 93% U-235. This inspection was made at the Air Canada air freight terminal at O'Hare Field, Chicago. This same material was verified at the Gulf United plant on August 23, 1973. (Reference letter to Region III Files of August 28, 1973.)

The two drums were first received by the Emery Air Freight Corporation as the forwarder from St. Louis and then delivered to Air Canada for flight shipment. On inspection the outer seal on each drum was found to be intact, and there was no evidence of either container being breached. All labels and a packing list were still affixed to the drums. The Emery Air Freight bill specified air cargo flight only and hand-to-hand signature service requested.

There was no copy of this hand-to-hand signature form available with any of the shipping papers from Air Canada on Emery Air Freight. A phone call to Gulf United later confirmed that such a form was included when the shipment left the plant for the St. Louis airport.

The shipment left O'Hare Field at 5:15 p.m. September 6, 1973, on Flight No. 578 for Toronto, Canada. Other pertinent data is listed below:

Gulf Outer Seal No. 4528	Drum No. 9
Gulf Outer Seal No. 4830	Drum No. 11
Emery Air Freight Bill No.	STL-31642
Air Canada Air Waybill No.	014-5442-0110

The results of the inspection and the flight time of the shipment were phoned to the licensee on September 7, 1973.

*E-41*

Enclosures with this letter include copies of the Emery Air Freight bill, the Air Canada Air Waybill and the export license.

J. P. Patterson, Chemist  
Materials and Plant  
Protection Branch

Enclosures:  
As noted above

cc: M&PPB, HQ,w/encl  
RO:Files, w/encl  
• DR Central Files,w/encl



# EMERY AIR FREIGHT CORPORATION

EXECUTIVE OFFICES WILTON, CONN.

STL 31642

DATE

NON NEGOTIABLE FORWARDER AIRBILL

PREPAID ☒ COLLECT ☐ CASH ON PICKUP ☐ OTHER ☐ FCOED ☐ COMAT ☐ GBL ☐ C.O.D. ☐ PATED BIL ☐ DELIVERY ☐ ASSEMBLY ☐ EXTENSION ☐

SHIPPER  
UNITED NUCLEAR  
ROUTE 21A  
HEMATITE MO.

CONSIGNEE  
ELDRADO NUCLEAR  
PORT HOPE  
ONTARIO, CANADA

CHARGES		
SHIPPER'S		
C.O.D.		
C.O.D. FEE		
AIR FREIGHT-SCALE NO.		

(APPLICABLE ONLY WHEN CHARGES ARE TO BE PAID BY SOMEONE OTHER THAN SHIPPER OR CONSIGNEE)

SIGNED FOR SHIPPER BY

DEPT. OR ORDER NO. 236

DECLARED VALUE \$ 50.00

NO. PIECES	DESCRIPTION AND MARKS	WEIGHT
2	GROUP III FISSION MASS 11	200
	CIRIES 1.469 TRANSPORT INDEX	CA 260

IT IS AGREED AND UNDERSTOOD THAT THE LIABILITY OF EMERY AIR FREIGHT IS LIMITED TO THE DECLARED VALUE SHOWN ABOVE OR AS DEFINED BY ITS GOVERNMENT TARIFFS, WHICHEVER VALUE IS HIGHER.

TARIFF DESTINATION VY2

PICKUP	
DELIVERY	
VALUATION CHARGE	
ADVANCE CHARGE FEE	
OTHER	

EMERSONAL WEIGHT  
L W H  
SPEC. INSTR ☐ TODSR ☐ APS ☐ HAFUA ☐ HTOH ☐ DD ☐ (SF) GBL ☐ FMO ☐ NOA

Handwritten signature: *Handwritten signature*  
Date: *10/15/55*

CHARGES  
ADVANCED  
RECEIVED PAYMENT FOR EAF TOTAL

AT ORIGIN	
AT DESTINATION	

FOR INTERNATIONAL SHIPMENTS ONLY:  
DECLARED VALUE FOR CUSTOMS \$  
INTL. INSURANCE AMOUNT \$

DELIVERY RECORD  
RECEIVED SHIPMENT DESCRIBED ABOVE IN GOOD ORDER AND CONDITION EXCEPT AS NOTED

RECEIVED BY EMERY AIR FREIGHT AT:  
SHIPPER'S DOOR ☐ EMERY TERMINAL ☐ CARRIER'S OFFICE ☐ OTHER ☐ EAF CITY ☐

CONSIGNEE  
SIGN HERE  
TIME DATE  
CUSTOMER PICKUP ☐

DELIVERY RECEIPT

FORM OF-1 PRINTED IN U.S.A.

AIR WAYBILL NUMBER 014-54220110		AIRPORT OF DEPARTURE ORD	EXECUTED DATE 6/9/73	TC	CHGS CODE FPD	CUR'CY CODE US
AIRLINE PREFIX 014-54220110		AIRPORT OF DEPARTURE (ADDRESS OF FIRST CARRIER) AND REQUESTED ROUTING AC 570		AIRPORT OF DESTINATION TORONTO		

014-54220110

ROUTING AND DESTINATION	
BY FIRST CARRIER	TO
CONSIGNEE'S ACCOUNT NUMBER	CONSIGNEE'S NAME AND ADDRESS

EMERY AIR FREIGHT CORP  
TORONTO INTL AIRPORT  
TORONTO, ONT

SHIPPER'S ACCOUNT NUMBER

SHIPPER'S NAME AND ADDRESS

EMERY AIR FREIGHT CORP  
PO BOX 66260  
CHICAGO, ILL 60666

ISSUING CARRIER'S AGENT, ACCOUNT NO

ISSUING CARRIER'S AGENT, NAME AND CITY

AGENT'S IATA CODE

NOT NEGOTIABLE AIR WAYBILL (AIR CONSIGNMENT NOTE)

ISSUED BY

**AIR CANADA**

1 PLACE VILLE MARIE, MONTREAL 113, P.Q., CANADA

Incorporated in Canada with Limited Liability. Member of International Air Transport Association



The shipper certifies that the particulars on the face hereof are correct and agrees to the CONDITIONS ON REVERSE HEREOF.

SIGNATURE OF SHIPPER

EMERY AIR FREIGHT CORP

BY BROKER/AGENT

Carrier certifies goods described below were received for carriage subject to the CONDITIONS ON REVERSE HEREOF, the goods then being in apparent good order and condition except as noted hereon.

EXECUTED ON 6/5/73 (Date) AT CHICAGO (Place)

SIGNATURE OF ISSUING CARRIER OR ITS AGENT

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

CURRENCY US\$	DECLARED VALUE FOR CARRIAGE 1000	DECLARED VALUE FOR CUSTOMS	AMOUNT OF INSURANCE	INSURANCE—If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked "amount of insurance".
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WEIGHT CHARGE AND VALUATION CHARGE PREPAID COLLECT	ALL OTHER CHARGES AT ORIGIN PREPAID COLLECT	ACCOUNTING INFORMATION
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NO. OF PACKAGES RCP	ACTUAL GROSS WEIGHT	Kg/lb.	RATE CLASS	COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)
2	200	L	Q		200	16.00	AS INSTD 1445 ATT

PREPAID WEIGHT CHARGE \$32.00	PREPAID VALUATION CHARGE	TOTAL OTHER PREPAID CHARGES DUE CARRIER DUE AGENT		TOTAL PREPAID \$32.00	FOR CARRIER'S USE ONLY AT DESTINATION
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OTHER CHARGES (EXCEPT WEIGHT CHARGE AND VALUATION CHARGE)			COLLECT CHARGES IN DESTINATION CURRENCY
PUP PREPAID CARRIER'S PICKUP	DEL PREPAID CARRIER'S DELIVERY	INS PREPAID CARRIER'S INSURANCE	COD AMOUNT

			TOTAL CHARGES
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PUP COLLECT CARRIER'S PICKUP	DEL COLLECT CARRIER'S DELIVERY	TOTAL OTHER COLLECT CHARGES DUE CARRIER DUE AGENT		COD AMOUNT	TOTAL COLLECT
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HANDLING INFORMATION