

NRC FORM 250
(9-87)

NRC LICENSE NO.

THIS LICENSE EXPIRES 30 June 1990

DCS/DF02
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United States of America
Nuclear Regulatory Commission

XM08690

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued

to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

LICENSEE		ULTIMATE CONSIGNEE IN FOREIGN COUNTRY	
NAME	Fansteel Metals, Incorporated	NAME	Metallurg, Incorporated
ADDRESS	Number Ten Tantalum Place Muskegee, OK 74401 Attn: T.S. Carlile, Jr.	ADDRESS	c/o Elektrowerk Weisweiler GmbH Dorener Strasse 5180 Eschweller-Weisweiler Federal Republic of Germany
INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY		OTHER PARTIES TO EXPORT	
NAME	NONE	NAME	NONE
ADDRESS		ADDRESS	

(Uranium and Thorium are contaminants only in tantalum & Columbium dried ore processing residues. For non-nuclear end use.)

APPLICANT'S REF. NO. Appl. dated 1/2/90 COUNTRY OF ULTIMATE DESTINATION Federal Republic of Germany

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
300 Kilograms	Thorium
300 Kilograms	Uranium
	Contained in approximately 150,000 kilograms of Tantalum and Columbium dried ore processing residues. (Uranium and Thorium are natural contaminants.)
Conditions 6 and 8 on page two of this license apply to this export.	
//////////////////////END//////////////////////////////////////	

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Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 106 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE
C. N. Smith
C. N. (Mike) Smith, Assistant Director
for International Security, Exports and
Materials Safety
International Programs

DATE OF ISSUANCE 1/19/90

U.S. NUCLEAR REGULATORY COMMISSION
EXPORT LICENSE

Conditions

License Number XM08690

Condition 1 — Licensee shall file with the Customs Officer or the Postmaster two copies, in addition to those otherwise required, of the Shipper's Export Declaration covering each export and mark one of such copies for transmittal to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. The following declaration should accompany or be placed on the Shipper's Export Declarations for such exports:

"This shipment is being made pursuant to specific license number (specific license number) filed at (location of Customs office where license is filed), on (date license was filed). This license expires on (expiration date of license), and the unshipped balance remaining on this license is sufficient to cover the shipment described on this declaration."

Condition 2 — Exports authorized in any country or destination, except Country Groups Q, S, W, X, Y, and Z in Part 370, Supplement No. 1, of the Comprehensive Export Schedule of the U.S. Department of Commerce.

Condition 3 — This license covers only the nuclear content of the material.

Condition 4 — The material to be exported under this license shall be shipped in accordance with the physical protection requirements for special nuclear material in 10 CFR 73.

Condition 5 — Special nuclear material authorized for export under this license shall not be transported outside the United States in passenger carrying aircraft in shipments exceeding (1) 20 grams or 20 curies, whichever is less, of plutonium or uranium 233, or (2) 350 grams of uranium 235.

Condition 6 — This license authorizes export only and does not authorize the receipt, physical possession, or use of the nuclear material.

Condition 7 — The licensee shall complete and submit an NRC Form 741 for each shipment of source material exported under this license.

Condition 8 — The licensee shall advise the NRC in the event there is any change in the designation of the company who will package the nuclear material to be exported under this license, or any change in the location of the packaging operation, at least three weeks prior to the scheduled date of export.

APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION 1 2 90		b. APPLICANT'S REFERENCE		2. NRC USE		a. DOCKET NO. 11004239		b. LICENSE NO. X408690			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier of material)</i>							
a. NAME FANSTEEL METALS, INCORPORATED						a. NAME							
b. STREET ADDRESS NUMBER TEN TANTALUM PLACE						b. STREET ADDRESS							
c. CITY MUSKOGEE			STATE OK		ZIP CODE 74401		b. STREET ADDRESS						
d. TELEPHONE NUMBER (Area Code - Number - Extension) 918 687-6303 250						c. CITY			STATE		ZIP CODE		
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)					
1 15 90		4 15 90				4 15 90							
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE <i>(Include plant or facility name)</i>							
a. NAME METALLURG, INCORPORATED						To upgrade tantalum and columbium values for resale on the tantalum and columbium world market as tantalum/columbium concentrates.							
c o ELEKTROWERK WEISWEILER GmbH													
b. STREET ADDRESS DORENER STRASSE													
c. CITY - STATE - COUNTRY 5180 ESCHWELLER-WEISWEILER, WEST GER.													
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE							
a. NAME						13a. EST. DATE OF FIRST USE							
b. STREET ADDRESS						15. INTERMEDIATE END USE							
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE							
a. NAME						15a. EST. DATE OF FIRST USE							
b. STREET ADDRESS						15. INTERMEDIATE END USE							
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE							
16. NRC USE		17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX ISOTOPE WT.		21. UNIT	
		Tantalum and Columbium dried ore processing residues, containing approximately 2 to 5 wt % Tantalum.				Dried materials approx. 150,000 kg		.2 Th .2 U		300 300		kg kg	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
				C-114 C-110 05									
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)													
This material will be sold and used for dissolving and extracting the Tantalum and Columbium. The U and Th and all daughter products are carried as contaminants only and are <u>not</u> used for any nuclear end use.													
26. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this application is correct to the best of his/her knowledge.													
27. AUTHORIZED OFFICIAL		a. SIGNATURE				b. TITLE							
9001200143		J. A. Carlile, Jr.				General Manager							

Fansteel
Metals

number ten tantalum place muskogee, oklahoma 74401 (918) 687-6303

XM08690
11004239

January 4, 1990

Ms. Betty Wright
U.S. NUCLEAR REGULATORY COMMISSION
Washington, DC 20555

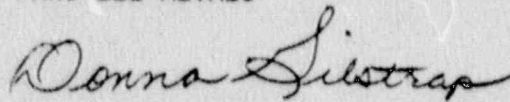
Dear Betty:

Per our phone conversation, attached is our completed Application for License to Export Nuclear Material and Equipment.

Thank you for your assistance in expediting this application.

Sincerely,

FANSTEEL METALS



Donna Gilstrap
Manager - Plant Services

DLG/tlb

Enclosure

cc: T.S. Carlile, Jr.

STANDARD TIME

dt 1410221010