

EXPORT LICENSE

NRC FORM 280
(8-87)

NRC LICENSE NO.

THIS LICENSE EXPIRES 31 December 1993

United States of America
Nuclear Regulatory Commission

XT08685

DCS/DF03
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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.

<p>LICENSEE</p> <p>NAME M&T Chemicals Incorporated</p> <p>ADDRESS P.O. Box 1104 Rahway, NJ 07065</p> <p>Attn: M. Buccarelli</p>	<p>ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</p> <p>NAME To subsidiaries of licensee located in the following countries only:</p> <p>ADDRESS Australia, Japan, West Germany, France, United Kingdom and Canada.</p> <p>(Thorium is a contaminant of the Cerium Fluoride and will not be recovered.)</p>
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<p>INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</p> <p>NAME</p> <p>ADDRESS</p>	<p>OTHER PARTIES TO EXPORT</p> <p>Molycorp Incorporated 709 Westchester Avenue White Plains, NY 10604</p> <p>(Supplier)</p>
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<p>APPLICANT'S REF. NO. Appl. dtd. 10/11/89</p>	<p>COUNTRY OF ULTIMATE DESTINATION To only those</p>
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QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES	To only those countries listed above.
100.0 Kilograms	Natural Thorium (In concentrations of up to 0.5 percent of the total.)	Material is contained as a contaminant of Cerium Fluoride.

//////////////////////////////////////END//////////////////////////////////////

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PDR XPORT
XT-8685 PDC

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 108 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

Elaine O. Hemby
Elaine O. Hemby, Acting Assistant Director
for International Security, Exports and
Materials Safety
International Programs NOV 22 1989



**M&T
CHEMICALS INC.**

Rahway, New Jersey 07065-0970
(201) 499-0200

XT08685
11004219

General Offices: TWX 710-996-5841
YWX 710-996-5842
Research Laboratories: TWX 710-996-5880
Cable Address: MANTOCHEMS-Rahway, NJ

THE FOLLOWING IS OUR ESTIMATE OF REQUIREMENTS OF THE SUBJECT MATERIAL THAT WILL BE SHIPPED EACH YEAR TO OUR FOREIGN SUBSIDIARIES THROUGH DECEMBER 1993.

<u>COMPANY</u>	<u>QUANTITY</u>	
M&T CHEMICALS PTY LTD. P.O. BOX 201 893 PRINCESS HIGHWAY SPRINGVALE, VICTORIA 3171 AUSTRALIA	3,000LBS	
M&T JAPAN LIMITED EIKON BUILDING NO. 2, 2-CHOME NIHONBASHI-HONCHO CHUO-KU, TOKYO JAPAN	3,000LBS	
*NOTE-INTERMEDIATE CONSIGNEE FOR M&T JAPAN IS THEIR DESIGNATED TRADING CO.:		
MORIMURA BROS. INC. MORIMURA BLDG. 3-1 TORANOMON 1-CHOME MINATO-KU, TOKYO JAPAN		
M&T CHEMICALS GMBH VOR DEM LAUCH 10 PO BOX 81.0425 7000 STUTTGART-81 (MOHRINGEN) WEST GERMANY	100LBS	
WALDBERG S.A. 29 AVENUE de l'EQUILLETTE 95310 SAINT OVEN L'AUMONE VAL D'OISE FRANCE	100LBS	
M&T CHEMICALS LTD. WILLIAM ST. WEST BROMWICH WEST MIDLANDS B70 OBE ENGLAND	100LBS	
M&T CHEMICALS LIMITED 1180 CORPORATE DR. BURLINGTON, ONTARIO CANADA L7L 5R6	1000LBS	

1-11-94 10 68

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 10/11/89		d. APPLICANT'S REFERENCE RIS		2. NRC USE		a. DOCKET NO. 1100429		b. LICENSE NO. XT08685		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
a. NAME M&T CHEMICALS INC.						b. NAME MOLYCORP INC.						
d. STREET ADDRESS P.O. BOX 1104						b. STREET ADDRESS 709 WESTCHESTER AVENUE						
c. CITY RAHWAY				STATE NJ		ZIP CODE 07065		c. CITY WHITE PLAINS				
STATE NJ				ZIP CODE 07065		STATE NY		ZIP CODE 10604				
d. TELEPHONE NUMBER (Area Code - Number - Extension)						c. CITY WHITE PLAINS						
5. FIRST SHIPMENT SCHEDULED 11-89		6. FINAL SHIPMENT SCHEDULED 12-93		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE December 31 1993		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)				
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE						
a. NAME SEE LIST ATTACHED						b. EST. DATE OF FIRST USE						
d. STREET ADDRESS						c. INCLUDE PLANT OR FACILITY NAME: CERIUM FLUORIDE IS USED AS AN ELECTROPLATING ADDITIVE COMPONENT. TYPICAL CERIUM FLUORIDE CONTAINS UP TO 0.5% THORIUM. AS A CONTAMINANT OF CERIUM FLUORIDE, THORIUM SERVES NO USEFUL PURPOSE						
c. CITY - STATE - COUNTRY						12. EST. DATE OF FIRST USE						
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE						
a. NAME SEE LIST ATTACHED						NONE						
d. STREET ADDRESS						13a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE						
a. NAME NONE						NONE						
d. STREET ADDRESS						15a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY						15. EST. DATE OF FIRST USE						
16. NRC USE		17. DESCRIPTION (Include chemical and physical form of nuclear material, give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WT.		21. UNIT
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)				
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)												
12.00 94 IN 60.												
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 M. B. ...				b. TITLE EXPORT SUPERVISOR				

891024065 Jp?



CHEMICALS INC.

Rahway, New Jersey 07065-0970
(201) 499-0200

General Offices: TWX 710-996-5841
TWX 710-996-5842
Research Laboratories: TWX 710-996-5880
Cable Address: MANTCHEMS-Rahway, NJ

XT08685
11004219

October 11, 1989

US Nuclear Regulatory Commission
Washington, DC 20555

RE: THORIUM

Dear Sir/Madam:

We are forwarding with this letter a completed copy of Form # NRC-7,
"Application For License to Export Nuclear Material and Equipment".

We are called upon to supply Cerium Fluoride to our overseas subsidiaries
who utilize this material in the production of electroplating additives. The
only Cerium Fluoride available to us for this purpose contains a contaminant
identified as Thorium representing a maximum of 1/2 of 1 percent of the total.

We anticipate an overall resale requirement from our subsidiaries of
approximately 7,300lbs of Cerium Fluoride per annum. We shall appreciate
your assistance in preparing a new export license. Our previous license
(XT08572) expired December 1, 1988.

Very truly yours,

M&T CHEMICALS INC.

M. Buccarelli

M. Buccarelli
Export Supervisor

MAB/jk

10/11/89 63.

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11004219



ELF AQUITAINE GROUP

M&T Chemicals Inc.
Rahway, NJ 07065
Phone (201) 499-0200

Writer's Direct Dial

'89 OCT 10 10:23

XT08685
11004219

October 2, 1989

US Nuclear Regulatory Commission
Washington, DC 20555

Re; Export License XT08572

To Whom It May Concern:

Please advise how we go about having the above license re-issued. Do we go through the application procedure again? Any assistance you can provide would be greatly appreciated.

Very truly yours,
M&T CHEMICALS INC.
M. Buccarelli
M. Buccarelli
Export Supervisor

MAB/jk

Fax # 201-499-2551
Phone # 201-499-2173

~~2910240265~~ LP

called

10/10/89

will apply for
a new license
chemistry

Hold for new
application

FORM NRC-250
(7-75)

NRC LICENSE NO.

THIS LICENSE EXPIRES 01 December 1988

XT08572

United States of America
Nuclear Regulatory Commission

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.

<p>LICENSEE</p> <p>NAME M&T Chemical, Inc.</p> <p>ADDRESS P. O. Box 1104 Rahway, New Jersey 07065-0970</p> <p>ATTN: Robert G. Benner</p>	<p>ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</p> <p>NAME To subsidiaries of licensee located in the following countries only:</p> <p>ADDRESS Australia, Canada, France, Japan, the Netherlands, United Kingdom, and West Germany</p> <p>(Thorium is a contaminant of the cerium fluoride and will not be recovered)</p>
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<p>INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</p> <p>NAME NONE</p> <p>ADDRESS</p>	<p>OTHER PARTIES TO EXPORT</p> <p>SUPPLIER:</p> <p>Molycorp, Inc. White Plains, New York</p>
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APPLICANT'S REF. NO. RGB: and Appl. dtd. 5/3/83 COUNTRY OF ULTIMATE DESTINATION To only those countries listed above

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
1000 kilograms	Natural Thorium Material is contained as a contaminant of cerium fluoride
	(In concentrations ranging from 0.05 percent to 1.0 percent)
//////////////////////////////////////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 108 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

James V. Zimmerman, Assistant Director
Export/Import and International Safeguards
Office of International Programs

DATE OF ISSUANCE MAY 26 1983