

ACC

APPLICATION FOR LICENSE TO EXPORT
BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL

X Com. 0237
11000744

Submit in Triplicate

Carefully Read Instructions on Back

1. DATE OF APPLICATION August 2, 1979	2. APPLICANT'S REFERENCE NO. (if any) 136116	3. COUNTRY OF ULTIMATE DESTINATION Japan
4. NAME OF APPLICANT Mitsui & Co. (U.S.A.), Inc. STREET ADDRESS 200 Park Ave. New York, N.Y. 10017 CITY, STATE, AND ZIP CODE Attn: Metal 2nd Dept.		5. ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) <i>Intermediate</i> Tokyo Shibaura Electric Co., Ltd. Research & Development Center 1, Komukai Toshiba-Cho Saiwa-Ku Kawasaki City, Japan
6. INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.")		7. IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS. (If same, state "Same.") Mitsui & Co., Ltd. 1-2-1 Ohtemachi Chiyoda-Ku, Tokyo, Japan
8. (a) QUANTITY TO BE SHIPPED (See instructions on back) 160 lbs \$15,140.00/lot FOB Albany, frt. ppd. to Portland	(b) COMMODITY DESCRIPTION (Include chemical and physical form; for special nuclear material and byproduct material also specify isotopic content; if in a device, identify the device, manufacturer, and model number.) Zircaloy-2 Tube Shell Co-Extruded with Zirconium Crystal Bar Liner (hafnium 100 ppm max.) 2 pcs. 63.5 mm ϕ x 10.922 mm aw x 2-2.5 meters long	

(c) SHIPPING AND PACKING PROCEDURES (Required for special nuclear material. See instructions on back.)

Not Applicable

9. END USE OF COMMODITIES COVERED BY THIS APPLICATION: (Describe fully, stating what will be produced or manufactured, what service will be rendered, or the nature of the research that will be performed.) (See instructions on back for special nuclear material.)

See Attached Sheet

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10. The applicant, and any official executing this certificate on behalf of the applicant named in Item 4, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 36 (if for byproduct material) or Part 40 (if for source material), or Part 70 (if for special nuclear material), and Part 71 (for transport of radioactive material, if applicable) and that all information contained herein, including any supplements attached hereto, is true and correct to the best of their knowledge and belief.

SEARCHED INDEXED

SERIALIZED FILED

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Mitsui & Co. (U.S.A.), Inc.

(Applicant named in Item 4)

By: *[Signature]* T. Monden

Vice President & Gen. Mgr.

(Title of certifying official authorized to act on behalf of the applicant)

To be considered
part of our E/L
application of 8/1/79
our ref. 136116

Block 9-End Use:

For Research & Development on Nuclear Fuel Cladding Tubes. These tube shells will be reduced by Kobe Steel Ltd. and any resulting tube will be tested by Toshiba at their R&D center. It is also possible that Toshiba may carry out irradiation testing by ASEA-Atom at any or all of the following reactors:

- A- Reactor- Ringhals-1
Located- Varberg, Sweden
Operated by- Statens Vattenfallsverk
(SSPB-Swedish State Power Board)

- B- Reactor- Barseback-2
Located - Malmo, Sweden
Operated by- Sydsvenka Kraft AB

- C- Reactor- Forsmark-2
Located- Forsmark, Sweden
Operated by- Forsmark Kraft Grupp AB

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