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

XB 00 1036  
11 000 735

Submit in Triplicate

Carefully Read Instructions on Back

1 DATE OF APPLICATION July 9, 1979	2 APPLICANT'S REFERENCE NO. (if any) Japan 70053	3 COUNTRY OF ULTIMATE DESTINATION Japan
4 NAME OF APPLICANT Reactor Experiments, Inc. STREET ADDRESS 963 Terminal Way CITY, STATE, AND ZIP CODE San Carlos, CA 94070		5 ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) Mr. Tatsumi Power Reactor and Nuclear Fuel Develop- ment Corp. Oarai Engineering Center JAPAN
6 INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.") Daini Seikosha Co. Ltd. 31-1 Kameido 6-Chome Koto Ku, Tokyo 136 JAPAN		7 IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS. (If same, state "Same.") Daini Seikosha Co., Ltd. 31-1 Kameido 6-chome, Koto-ku, Tokyo 136 JAPAN
8 (a) QUANTITY TO BE SHIPPED (See instructions on back) 4,375 milligrams (3.09 curies)	(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.) Netpinium 237, radiochemical purity greater than 97%. In the form of NpO <sub>2</sub> powder.	

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

Will be packaged in accordance with regulation 10 CFR, Paragraph 173.393.

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.)

This material is to be used in neutron dosimetry work. Material is activated with a  
neutron source and the resulting radioactivity is measured. For use with the Joyo  
Project (Experimental Fast Neutron Reactor).

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.

RECEIVED  
U.S. AEC

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EXPORT  
AND  
INTERNAL SECURITY

REACTOR EXPERIMENTS, INC.

(Applicant named in Item 4)

By:

Donald Heiman

Donald Heiman

Vice President

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

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