

FORM NRC-250
(7-75)

NRC LICENSE NO.

THIS LICENSE EXPIRES 31 January 1987**United States of America**
Nuclear Regulatory Commission

XSNM02244

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	Reactor Experiments, Inc. 963 Terminal Way	NAME	Japan Atomic Energy Research Institute Tokai-mura, Naka-gun Ibaraki-ken
ADDRESS	San Carlos, California 94070	ADDRESS	JAPAN
		(Reactor rate measurement by foil technique of Fast Critical Assembly.)	
INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY		OTHER PARTIES TO EXPORT	
NAME	Seiko EG&G Company, Ltd.	NONE	
ADDRESS	31-1 Kameido, 6-Chome Koto-Ku Tokyo, Japan		
(Transport purposes only)			
APPLICANT'S REF. NO. J-04226		COUNTRY OF ULTIMATE DESTINATION Japan	

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
1.400 grams	Uranium-235 Contained in 1.510 grams uranium, enriched to 93.0 w/o maximum.
Condition(s) 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 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

Marvin R. Peterson
Marvin R. Peterson, Acting Assistant Director
Export/Import & International Safeguards
Office of International Programs

DATE OF ISSUANCE **NOV 21 1985**

U.S. NUCLEAR REGULATORY COMMISSION
EXPORT LICENSE

Conditions

License Number XSNM02244

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 Oct. 28, 1985		b. APPLICANT'S REFERENCE J-04226		2. NRC USE		a. DOCKET NO. 11053779		b. LICENSE NO. XSNM02244			
3. APPLICANT'S NAME AND ADDRESS						RIS YUF		4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)					
a. NAME Reactor Experiments, Inc.								b. LICENSE NO.					
b. STREET ADDRESS 963 Terminal Way								a. NAME					
c. CITY San Carlos				STATE CA		ZIP CODE 94070		b. STREET ADDRESS					
d. TELEPHONE NUMBER (Area Code - Number - Extension) (415) 592-3355						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)					
Jan 31, 1986		Jan 31, 1986		Jan. 31, 1986		1-year							
10. ULTIMATE CONSIGNEE						RIS		11. ULTIMATE END USE (Include plant or facility name) Reactor rate measurement by foil technique of Fast Critical Assembly.					
a. NAME Japan Atomic Energy Research Institute								11a. EST. DATE OF FIRST USE					
b. STREET ADDRESS Tokai-mura, Naka-gun Ibaraki-ken													
c. CITY - STATE - COUNTRY JAPAN													
12. INTERMEDIATE CONSIGNEE						RIS		13. INTERMEDIATE END USE					
a. NAME Seiko EG&G Company, Ltd.								Transfer to end user					
b. STREET ADDRESS 31-1 Kameido, 6-Chome Koto-Ku								13a. EST. DATE OF FIRST USE					
c. CITY - STATE - COUNTRY Tokyo JAPAN								15. INTERMEDIATE END USE					
14. INTERMEDIATE CONSIGNEE						RIS		15a. EST. DATE OF FIRST USE					
a. NAME													
b. STREET ADDRESS													
c. CITY - STATE - COUNTRY													
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	
		Uranium enriched to approximately 93% U-235 as metal. Size 12.7mm diameter x 0.025mm thick. (20 pieces)				1.51 gram		93%		1.4 gram		gram	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL						23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED U.S.A.		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)													
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 D. Heiman				b. TITLE Vice President					

RECEIVED
 U.S. N.R.C.
 '85 NOV -1 P2:53
 EXPORT IMPORT
 INT'L SAFEGUARDS

JAPAN ATOMIC ENERGY RESEARCH INSTITUTE

TOKAI RESEARCH ESTABLISHMENT

TOKAI-MURA, NAKA-GUN, IBARAKI-KEN

Mr. Donald Heiman
Reactor Experiments, Inc.
965 Terminal Way
San Carlos, CA 94070
U. S. A.

Date OCT. 21, 1985

STATEMENT OF END USE

This end use statement is to accompany the application for export submitted by Reactor Experiments, Inc. for the following material :

Quantity	Description
1.4 grams	Uranium enriched to approximately 93% U-235. Size 12.7mm diameter × 0.025mm thick. Quantity 20 pieces.

The above described material will be used for reaction rate measurement by foil technique of Fast Critical Assembly (FCA) in the JAERI. This material will be used by Tokai Research Establishment of Japan Atomic Energy Research Institute.

Makoto Obu

Makoto Obu
Japan Atomic Energy
Research Institute
Tokai-mura, Naka-gun
Ibaraki-ken, Japan