

REVISED

Nissho Iwai America Corporation

March 18, 1994

1211 Avenue of the Americas  
New York, N.Y. 10036  
(212) 704-6500

GNT93-038R

Mrs. Betty L. Wright  
Export/Import Licensing Officer  
Office of International Programs  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

XSNM02739  
Amend. 01

Subject: Application of E/L Amendment, E/L No. XSNM02739

Dear Mrs. Wright:

Under the said Export License, 89.253 KgU (17.617 Kg U-235) in 48 elements has been shipped to Japan to date. And now we have an order of 21 elements to ship by September 30, 1994 to Japan Atomic Energy Research Institute for loading into its JMTR reactor.

We hereby apply for amendment of the export license to authorize us shipping 21 elements (Maximum U-235 enrichment shall be 19.95%) additionally.

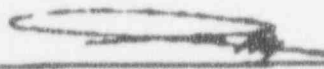
	<u>Current</u>	<u>Amendment No.1</u>	<u>Remarks</u>
Uranium	93.347 kgs	133.472 kgs	quantity increased by 40.125 kgs
Uranium 235	17.969 kgs	25.693 kgs	quantity increased by 7.724 kgs

Please also extend the license expiration date until October 31, 1995.

Attached please find a copy of the tally sheet and calculation basis for the above figures.

If you have any questions, please feel free to contact me at (212) 704-6768.

Very truly yours,

  
Yuji Ogino, Manager - Nuclear  
Energy Department

EX-100  
INT'L SAFETY  
94 MAR 21 P1.25

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PDR EXPORT  
XSNM-2739 PDR

TALLY SHEET

CUSTOMER: JAERI/JMTR

LICENSE NO.: XSNM02739

CONTRACT NO.: XAM-0144 (48 ELEMENTS)

EXPIRATION DATE: APRIL 30, 1994

SHIPMENT TOTALS

REMAINING TOTALS

<u>SHIPMENT DATE</u>	<u>KGS U</u>	<u>KGS U235</u>	<u>KGS U</u>	<u>KGS U235</u>	<u>%U235</u>
-----INITIAL AMOUNTS-----			93.347	17.969	19.75%
SEP 4 '93	29.756	5.873	63.591	12.096	
OCT 23 '93	29.737	5.872	33.854	6.224	
FEB 5 '94	29.760	5.872	<u>4.094</u>	<u>0.352</u>	

EX-100 SAFEGUARD  
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# REVISED

NEW ORDER #: XUM-0100

MAXIMUM URANIUM QUANTITY TO BE SHIPPED UNDER THIS ORDER

WHERE:

- QUANTITY: 16 STANDARD ELEMENTS PLUS 5 CONTROL ELEMENTS, TOTAL 21 ELEMENTS
- MIN. ENRICHMENT: 19.25%, MAX. ENRICHMENT 19.95%
- MAX. URANIUM 235 LOADING PER ELEMENT: 417.3 GRAMS/STANDARD, 279.9 GRAMS/CONTROL

THEREFORE,

MAXIMUM URANIUM 235 QUANTITY TO SHIP:  $417.3 \times 16 + 279.9 \times 5 = 8,076.30$  GRAMS

CURRENT EXPORT LICENSE REMAINING TOTALS: 0.352 KGS U235

ADDITIONALLY REQUIRED URANIUM 235 QUANTITY:  $8.076 - 0.352 = 7.724$  KGS-U235

ADDITIONALLY REQUIRED URANIUM QUANTITY  $7.724 \text{ KG U235} / 0.1925 = 40.125$  KG

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