

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

A<sup>6</sup>

1. APPLICANT'S USE		a. DATE OF APPLICATION March 10, 1980		b. APPLICANT'S REFERENCE RIS		2. NRC USE		a. LICENSE NO. XMAT0103		b. DOCKET NO. 11001087	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS					
a. NAME Coordination Council for North American Affairs, Office in U.S.A./Science Division						a. NAME U.S. Department of Energy Savannah River Operation Office					
b. STREET ADDRESS 4301 Conn. Ave., NW, #132						b. STREET ADDRESS P. O. Box A					
c. CITY Washinton,			STATE DC		ZIP CODE 20008		c. CITY Aiken			STATE SC	
d. TELEPHONE NUMBER (Area Code - Number - Extension) 202-244-0822									ZIP CODE 29801		
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)			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE					
a. NAME Institute of Nuclear Energy Research						(include plant or facility name) To be used in the Taiwan Research Reactor (TRR). See end-use statement for detail.					
b. STREET ADDRESS P.O. Box 3, Lung-tan, Taoyuan						11a. EST. DATE OF FIRST USE					
c. CITY - STATE - COUNTRY Taiwan, Republic of China											
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME						Not applicable					
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY						13a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME						Not applicable					
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY						15a. 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	
		D <sub>2</sub> O weight % 99.80 Min PH 6.0 - 7.0 conductivity 10 μmhos/cm max tritium content 0.5 x 10 <sup>-9</sup> ci/ml max Permanganate demand 10 μg/ml max				4000 1980 MAR 10 PM 2 14 EXPORT/IMPORT INTERNAT'L SFORDS				kg	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL USA				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED not applicable		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) This Institute has approached US firms for supply of 8.5 metric ton D <sub>2</sub> O for a zero power research reactor but no contract has been established. Since that project has been cancelled the intended 8.5 tons is not needed any more. This 4 tons will be exclusively.											
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. used as spare for TRR.											
27. AUTHORIZED OFFICIAL		a. SIGNATURE Kuang elu hia				b. TITLE Deputy Director					
8004030046											

TEL: SHIHMEN 245  
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YOUR REF

*Institute of Nuclear Energy Research*

ATOMIC ENERGY COUNCIL  
REPUBLIC OF CHINA

P. O. BOX 3  
LUNG-TAN TAIWAN

OUR REF

STATEMENT OF END USE

This is to certify that the 4,000 kilogram heavy water being placed in order by this Institute is to be used exclusively as moderator for the Taiwan Research Reactor (TRR) which has been under safeguard of the International Atomic Energy Agency (IAEA) ever since its construction.

To secure nuclear safety, adequate heavy water in spare is of great importance to the operation of TRR which has never had replenishment in heavy water since its commissioning.

We pledge that the material in question, upon receipt, shall immediately be entered into inventory of appropriate Material Balance Area (MBA) of TRR for IAEA safeguard and shall not be used for any purpose other than as moderator in the TRR.

Signed by: Kuang-Chi Liu

Kuang-Chi Liu  
Deputy Director