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COORDINATION COUNCIL FOR NORTH AMERICAN AFFAIRS  
OFFICE IN U.S.A. / SCIENCE DIVISION  
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REFERENCE NO.

May 14, 1980

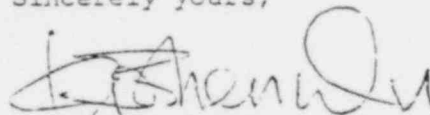
Assistant Director for Export/Import  
and International Safeguards  
Office of International Programs  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Sir:

With reference to my letter dated March 12 concerning the application for license to export 4 tons of Heavy Water from Savannah River Operation Office, U.S. Department of Energy, to the Institute of Nuclear Energy Research in Taiwan, I would like to transmit to you herewith a Supplementary Statement of End Use made by the Institute.

I hope this will meet the requirement of the licensing process. Your approval would be much appreciated.

Sincerely yours,



Kwang-shen Wu  
Senior Scientific Assistant

Encl:

cc: Trans Nuclear Inc.

8007170262

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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

Supplementary Statement of End Use

This statement supplements the one made by the same signer for 4,000 kilograms of heavy water to be used exclusively as moderator for the Taiwan Research Reactor (TRR).

As of this date, there are 19,164 kilograms of heavy water in TRR system while spare which can readily be used are only 1,255 kilograms. Since its commissioning in November 1972, the TRR has been in operation for more than seven years. The system as a whole is deteriorating, components and parts are getting old and very easily to be worn out. Leakage rate is increasing and will become more and more a serious problem. To meet the unpredictable major leakage due to aging of equipment, adequate heavy water in spare is necessary.

It is reassured that upon receipt the heavy water in question will immediately be entered into appropriate material balance area (MBA) of TRR for IAEA safeguards.

It is further declared that so far the Institute has no other contract or order in effect for heavy water supply except the 4,000 kilograms in question.

Signed by:

*Kuang-Chi Liu*

Kuang-Chi Liu  
Deputy Director

Date:

April 29, 1980