

JUL 31 1985

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Mrs. Eleanor Busick, Acting Director
Office of Nuclear Export/Import Control
Bureau of Oceans and International
Environmental and Scientific Affairs
Room 7820
U.S. Department of State
Washington, D.C. 20520

Dear Mrs. Busick:

Enclosed please find an application from the Commonwealth of Australia for a license to export 1,520 kilograms of heavy water to Australia for use as a moderator in the HIFAR research reactor. It is noted that NRC export license XMAT0143 covering 660.0 kilograms of heavy water was issued to the Commonwealth of Australia on December 16, 1980 after receipt of favorable Executive Branch reviews.

Before taking action on this license application, we would appreciate your views, in accordance with established procedures, as to whether the proposed export meets the applicable criteria in the Atomic Energy Act as amended by the Nuclear Nonproliferation Act of 1978. We note the Embassy of Australia has requested expeditious processing of this license request as the material is urgently required.

Sincerely,

Original Signed by
R. Neal Moore

R. Neal Moore, Acting Assistant Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Appl. dtd. 7/29/85
(XMAT0321-Australia)

cc w/enclosure:
Mr. Ted Hart, DOE
Mr. Gary Bray, ACDA/NP/NX
Mr. Gerald Oplinger
Mrs. Nataly Martin, DOE
Mr. Robin DeLaBarre, DOS

OFFICE	IPEI	IPEI					
SURNAME	EOHemby: mh	RNMoore			8508120550	850731	
DATE	7/31/85	8/1/85			PDR XPORT	PDR	
					XMAT-0321		

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 29 July 1985		b. APPLICANT'S REFERENCE AAEC RE 75/83		2. NRC USE		a. DOCKET NO. 1100.3785		b. LICENSE NO. XMAT0321	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS <small>(Complete if applicant is not supplier of material)</small>					
a. NAME COMMONWEALTH OF AUSTRALIA						U.S. DEPARTMENT OF ENERGY					
b. STREET ADDRESS 1601 MASSACHUSETTS AVE, N.W..						a. NAME SAVANNAH RIVER OPERATIONS OFFICE					
c. CITY WASHINGTON				STATE D.C.		ZIP CODE 20036		b. STREET ADDRESS P.O. BOX 1A			
d. TELEPHONE NUMBER (Area Code - Number - Extension) MS FAE DANIELS (202) 797-3308						c. CITY AIKEN		STATE SC		ZIP CODE 24801	
5. FIRST SHIPMENT SCHEDULED 13 Sept 1985 or earlier		6. FINAL SHIPMENT SCHEDULED SAME		7. APPLICANT'S CONTRACTUAL DELIVERY DATE 13 Sept 1985 or earlier		8. PROPOSED LICENSE EXPIRATION DATE ONE YEAR FROM DATE OF ISSUE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) DE-AC09-76SR00329			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE					
a. NAME AUSTRALIAN ATOMIC ENERGY COMMISSION						MODERATOR FOR AAEC RESEARCH REACTOR HIFAR AT THE AUSTRALIAN ATOMIC ENERGY COMMISSION, NEW ILLAWARRA ROAD, LUCAS HEIGHTS, NSW, AUSTRALIA					
b. STREET ADDRESS NEW ILLAWARRA ROAD						11a. EST. DATE OF FIRST USE BY 30 SEPT 1985					
c. CITY - STATE - COUNTRY LUCAS HEIGHTS, N.S.W., AUSTRALIA						13. INTERMEDIATE END USE					
12. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME NONE						NONE					
b. STREET ADDRESS						13a. EST. DATE OF FIRST USE					
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE						21. UNIT					
a. NAME NONE											
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY											
16. NRC USE		17. DESCRIPTION <small>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</small>				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX ISOTOPE WT.	
		FRESH UNTRITIATED HEAVY WATER GREATER THAN 99.75% D ₂ O <i>DONE</i> PREVIOUS NRC LICENSE NO. XMAT0143 DATED 16 DEC 80 REFERS <i>85080573</i> <i>7-31-85</i>				6 DRUMS 1,520 KGS (APPROX)					
22. COUNTRY OF ORIGIN - SOURCE MATERIAL		23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)							
UNITED STATES OF AMERICA		UNITED STATES OF AMERICA		UNITED STATES OF AMERICA							
25. ADDITIONAL INFORMATION <small>(Use separate sheet if necessary)</small> REPLACEMENT OF SIX (6) DRUMS OF HEAVY WATER OF UNITED STATES ORIGIN RETURNED FOR UPGRADING.											
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 <i>Joe Daniels</i>				b. TITLE LICENSING OFFICER					

RECEIVED
U.S. N.R.C.
85 JUL 31 19:34
EXPORT IMPORT
INT'L SAFEGUARDS



EMBASSY OF AUSTRALIA

IN REPLY QUOTE:

29 July 1985

Assistant Director of Export/
Import and International Safeguards
US Nuclear Regulatory Commission
Office of International Programs
Washington D.C. 20555

Attention: Ms Elaine O. Hemby, Licensing Officer

Dear Ms Hemby,

Re: Export Licence Application for replacement 6 Drums
Heavy Water by US Department of Energy under
Contract No: DE-AC09-76SR00329.

1. Please find attached Licence application, together with a copy of our Purchase Order 15378, issued in favour of the United States Department of Energy.
2. Due to an unforeseen delay of some six months in obtaining the quotation from the United States Department of Energy, the low stock level of Heavy Water at the Australian Atomic Energy Commission has reached a critical level.
3. We would therefore appreciate if the attached application would be expedited at your earliest convenience.

Fae Daniels
Licensing Officer

Done
8508080522

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INT'L SAFEGUARDS

85 JUL 31 A9:34

RECEIVED
U.S.N.R.C.

OFFICE OF THE COUNSELLOR DEFENSE SUPPLY
 EMBASSY OF AUSTRALIA
 1601 MASSACHUSETTS AVE., N.W.
 WASHINGTON, D.C. 20036

PURCHASE ORDER

TELEX 892621
 TWX 710-822-9295
 TELEPHONE (202) 797-3477

D. GOODERHAM

DEPARTMENT OF ENERGY
 SAVANNAH RIVER OPERATION OFFICE
 P.O. BOX A
 AIKEN, STH CAROLINA 24801
 ATTN: R.D. SIMPSON, CHIEF CONTRACTS &
 PROCUREMENT.

ORDER NO. 15378

DATE: 26 JULY 1985

All papers please quote order number and

FILE NO. AAEC RE 75/83

YOUR QUOTATION R.D. SIMPSON

DATED 17 JULY 85 REFERS

We agree to purchase for export the material described below. Acceptance of this order shall constitute a contract upon all the terms and conditions herein and attached hereto as ANNEX A

ITEM	FEDERAL STOCK NUMBER	PART NO. & DESCRIPTION	UNIT OF ISSUE	QTY.	UNIT PRICE	EXTENDED PRICE
1		COST FOR ANALYSIS, PURIFICATION AND RECONCENTRATION OF HEAVY WATER, 6 DRUMS, 17828, 17925, 17971, 18028, 18152 AND 18162. REPLACEMENT WATER TO BE SHIPPED UNDER TERMS AND CONDITIONS OF AGREEMENT NO. DE-AC09-76SRO0329. FOR D.O.E. PLEASE CO-ORDINATE SHIPMENT WITH MS. FAE DANIELS OF THIS OFFICE AT (202) 797-3308.	EA	6	5024.67	30,148.02

EXPORT IMPORT
 INTL SAFEGUARDS

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PROMISED DELIVERY BY 13 SEP 85 OR ASAP

TOTAL COST US\$30,148.02

MARK CASES AND PACKAGES

O.H.M.S.

15378

AAEC RE 75/83

Australian Atomic Energy Comm
 New Illawarra Rd
 Lucas Heights NSW

INSPECTION/QUALITY CONTROL

FRESH UNTRITIATED HEAVY WATER
 GREATER THAN 99.75 D20.

VENDORS SHIPPING INSTRUCTIONS

SHIP BY: AIR ☐ SURFACE ☒

In accordance with ANNEX B

Partial Shipment

Ship in

Accepted ☐One Lot ☒Early Delivery Acceptable ☐ Not Acceptable ☐

SALES BASIS

FOB: AIKEN, S.C.

TERMS OF PAYMENT

Net 30 Days

OFFICER AUTHORISED TO ORDER

P.R. Liddicoat
 Counsellor Defence Supply

CHARGING DETAIL

Vote

Project

P6

P7

514

SPECIAL F.F.

SPECIAL FREIGHT

VENDOR'S
 ACCEPTANCE
 PLEASE RETURN
 ONE SIGNED COPY
 OF THIS CONTRACT

FIRM NAME

SIGNATURE

DATE

FOR
 OFFICIAL
 USE ONLY

END USE ITEM:

SHIP OVERSEAS BY:

AIR ☐SEA ☒

CONSIGNEE CODE:

AY

LIC. CAT.