

September 4, 1980

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SECY-80-408

INFORMATION REPORT

For: The Commissioners

From: James R. Shea, Director
Office of International Programs

Thru: Acting Executive Director for Operations *JAR for W.J.D.*

Subject: EXECUTIVE BRANCH RESPONSE ON PENDING EXPORT APPLICATION
XSNM01666, FOR KARTINI RESEARCH REACTOR IN INDONESIA

Purpose: To inform the Commission of the above subject.

Discussion: Enclosed for the information of the Commission are copies of the Executive Branch response on a portion of a pending export license application. Also enclosed is a copy of the original application. Copies of the Executive Branch comments have been placed in the Public Document Room. A Commission Action Paper will be forwarded soon.

Commissioners are requested to advise the staff of any particular issues or information which they can identify at this stage and which they wish included in the staff's analysis.


James R. Shea, Director SEP 3 1980
Office of International Programs

Enclosure:
As stated

Contact:
Marvin R. Peterson, IP (49-29155)
Janice D. Lee, IP (49-27984)

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DEPARTMENT OF STATE

Washington, D.C. 20520

BUREAU OF OCEANS AND INTERNATIONAL ENVIRONMENTAL AND SCIENTIFIC AFFAIRS

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EXPORT/IMPORT
AND
INTERNATIONAL SAFEGUARDS

MEMORANDUM FOR JAMES R. SHEA
NUCLEAR REGULATORY COMMISSION

*XS NMI 01666
Indonesian
Kartini
Reactor
only*

Enclosed is an Executive Branch analysis covering a license application for the export of low-enriched uranium fuel to Indonesia for use in the Kartini Research Reactor. In accordance with P.L. 95-242, the analysis explicitly addresses how the requirements of Section 126 a.(1) of the Atomic Energy Act are met, including the specific criteria of Sections 127 and 128, as well as certain additional factors, envisaged by Section 126a.(1).

As the NRC is aware, the existing U.S.-Indonesia Agreement for Cooperation expires on September 21, 1980. The new U.S.-Indonesia Agreement for Cooperation was signed June 30 and is before Congress where it must lie for 60 days of continuous session before it may be brought into force. If Congress adjourns on October 4, as planned, or earlier, we will be a few days short of completing this review period. Depending on Congressional scheduling, we anticipate a gap between the existing and new agreements of from 3 weeks to six months.

As the proposed export of fuel for the Kartini Research Reactor is being made pursuant to the bilateral agreement, the license must be issued prior to the expiration of the existing agreement or await entry into force of the new agreement. In view of the recent adherence to the NPT by Indonesia and the conclusion of its safeguards agreement pursuant to the NPT on July 14, 1980, it is the judgment of the Executive Branch that the U.S. Government should make every effort to facilitate early approval of the Indonesia request for research reactor fuel.

The Executive Branch has considered the need to assure that the conditions and guarant governing the shipment and use remain in force after the exist until the new Agreement enters material becomes subject to the 12 (2). The Executive Branch

DUPLICATE DOCUMENT
Entire document previously entered into system under:
ANO 8009100155
No. of pages: 19

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

1. APPLICANT'S USE		4. DATE OF APPLICATION 3/14/80		3. APPLICANT'S REFERENCE IEL-1159		2. NRC USE		5. LICENSE NO. XSNMO1666		6. DOCKET NO. 11001098																			
3. APPLICANT'S NAME AND ADDRESS a. NAME GENERAL ATOMIC COMPANY Attn: William R. Mowry b. STREET ADDRESS P.O. Box 81608 c. CITY San Diego STATE CA ZIP CODE 92138 d. TELEPHONE NUMBER (Area Code - Number - Extension) 714-455-2823						4. SUPPLIER'S NAME AND ADDRESS RIS (Complete if applicant is not supplier of material)																							
5. FIRST SHIPMENT SCHEDULED asap after receipt of license		6. FINAL SHIPMENT SCHEDULED asap after receipt of license		7. APPLICANT'S CONTRACTUAL DELIVERY DATE 3/15/80		8. PROPOSED LICENSE EXPIRATION DATE 6/15/82		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)																					
10. ULTIMATE CONSIGNEE a. NAME Badan Tenaga Atom Nasional Pusat Reaktor Atom Bandung b. STREET ADDRESS JL Tamansari No. 71 c. CITY - STATE - COUNTRY Bandung, INDONESIA						11. ULTIMATE END USE (Include plant or facility name) Partial refueling the TRIGA Mark II Reactor, used for education, training and research in physics, chemistry & radio-isotopes, at Bandung Reactor Center. 11a. EST. DATE OF FIRST USE Upon receipt.																							
12. INTERMEDIATE CONSIGNEE ULTIMATE CONSIGNEE a. NAME Badan Tenaga Atom Nasional b. STREET ADDRESS Pusat Penelitian Tenaga Atom Gama Jalan Babarsari POB. 8 c. CITY - STATE - COUNTRY Yogyakarta, INDONESIA						13. INTERMEDIATE CONSIGNEE ULTIMATE END USE Partial refueling of KARTINI Research reactor used for education, research and training at Gama Atomic Research Centre, Yogyakarta, Indonesia. 13a. EST. DATE OF FIRST USE Upon receipt.																							
14. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE 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																	
		10 CFR 110 Appendix A(f) Special Nuclear Materials as follows: Uranium-Zirconium Hydride contained in 20 TRIGA fuel elements 4 Fission Chambers containing U-235 (10 CFR 110 Appendix A (a)(9))				6478 gm ^{1/2}		19.9%		1289		gm																	
						6.8 gm ^{2/2}		93.2		6.3		gm																	
						RECEIVED U.S. NRC																							
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED U.S.				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)																					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)																													
<table border="0"> <tr> <td>Bandung</td> <td>4535 u</td> <td>912 u-235</td> <td>2/</td> <td>3.4 gm U</td> <td>3.2 gm U-235</td> </tr> <tr> <td>Kartini</td> <td>1943</td> <td>387</td> <td></td> <td>3.1</td> <td></td> </tr> <tr> <td></td> <td>6478</td> <td>1289 total</td> <td></td> <td>6.8</td> <td>6.3 total</td> </tr> </table>												Bandung	4535 u	912 u-235	2/	3.4 gm U	3.2 gm U-235	Kartini	1943	387		3.1			6478	1289 total		6.8	6.3 total
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Kartini	1943	387		3.1																									
	6478	1289 total		6.8	6.3 total																								
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. 1/1/80																													

dup of 110408004



GENERAL ATOMIC

GENERAL ATOMIC COMPANY
P.O. BOX 81608
SAN DIEGO, CALIFORNIA 92138
(714) 455-3000

March 14, 1980

In Reply
Refer To: IEL-1159

Mr. Marvin Peterson, Acting Director
Export/Import & International Safeguards
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: NRC Export License; Special Nuclear Materials to Indonesia.

Dear Mr. Peterson:

General Atomic Company (GAC) is engaged in the manufacture and sale of nuclear reactors, nuclear instrumentation systems, components therefor, and cooperative research in the development and testing of the components and fuels for research reactors. In the normal servicing of our research reactors we are required to provide replacement equipment and materials. In this instance General Atomic is supplying 20 TRIGA fuel elements and 4 fission chambers for use in partial refueling the TRIGA Mark II Reactor at the Bandung Reactor Center, Bandung, Indonesia, and the KARTINI Research Reactor at the Gama Atomic Research Centre, Yogyakarta, Indonesia.

GAC makes application, pursuant to 10 CFR 110, for license to export SIM in these fuel elements and fission chambers to the Badan Tenaga Atom Nasional at these two locations for aforementioned reactors. Enclosed is a Form NRC-7 giving specific details supporting the license request for this export.

These fuel elements and fission chambers are manufactured and available for immediate shipment. They are urgently needed to allow normal operation of these reactors.

We request that you issue an export license at your earliest convenience with an expiration date of June 15, 1982 or two years after issuance of license.

Should you have any questions, please direct them to the undersigned at (415) 455-2823.

We thank you for your prompt attention to this matter.

RECEIVED
U.S. NRC

Very truly yours,

William R. Mowry
Licensing Administrator
Nuclear Materials Control Division

1980 MAR 24 AM 24

EXPORT
WRM:hcs INTERNATIONAL SAFEGUARDS

Enclosure: Form NRC-7

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