



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

DLSIDF02-  
11

MAR 27 1991

Mr. Carlton E. Thorne, Director  
Office of Nuclear Export Control  
Bureau of Oceans and International  
Environmental and Scientific Affairs  
U.S. Department of State  
Washington, D.C. 20520

Dear Mr. Thorne:

Enclosed is an application for an export license (XSNM02598), recently received by the Nuclear Regulatory Commission, for the export of low-enriched uranium for use as the initial core load for Genka Unit No. 3, Regions 1, 2, and 3 in Japan.

Before taking action on this request, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the requested export meets the applicable criteria in the Atomic Energy Act of 1954, as amended.

Please note that the material is of Australian origin.

Sincerely,

Ronald D. Hauber, Assistant Director  
for Exports, Security, and Safety Cooperation  
International Programs  
Office of Governmental and Public Affairs

Enclosure:  
Appl dtd. 3/22/91  
(XSNM02598 - Japan)

cc w/Enclosure:  
T. Hart, DOE  
R. DeLaBarre, DOS  
N. Martin, DOE  
M. Rosenthal, ACDA  
L. Burdick, DOD  
G. Kuzmycz, DOC

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

1. APPLICANT'S USE		a. DATE OF APPLICATION MARCH 22, 1991		D. APPLICANT'S REFERENCE RIS		2. NRC USE		a. DOCKET NO. 1100-4446		b. LICENSE NO. XSUMP2598		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
a. NAME MITSUBISHI INTERNATIONAL CORPORATION						b. NAME MARTIN MARIETTA ENERGY SYSTEMS						
b. STREET ADDRESS 520 MADISON AVENUE						c. STREET ADDRESS P.O. BOX 628						
c. CITY NEW YORK			STATE N.Y.		ZIP CODE 10022		c. CITY PIKETON			STATE ZIP CODE OHIO 45661		
d. TELEPHONE NUMBER (Area Code - Number - Extension) (212) 605-2150						5. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) DE-SC05-84UEJA206						
5. FIRST SHIPMENT SCHEDULED SEPTEMBER 1991		6. FINAL SHIPMENT SCHEDULED NOVEMBER 1991		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE 2 YEARS FROM DATE OF DELIVERY						
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE						
a. NAME KYUSHU ELECTRIC POWER CO., INC.						b. NAME Initial Core						
b. STREET ADDRESS 4112-1 AZA ASAKO OHAZA IMAMURA GENKAI-CHO						1-82, WATANABE-DORI 2 CHOME, CHUO-KU, FUKUOKA, 810 JAPAN (HQ ADDRESS)						
c. CITY - STATE - COUNTRY HIGASHIMATSUURA-GUN, SAGA PREF., JAPAN						POWER REACTOR FUEL FOR GENKAI UNIT NO. 3 REGION 1, 2 AND 3						
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE						
a. NAME MITSUBISHI NUCLEAR FUEL CO., LTD.						FOR CONVERSION FABRICATION PURPOSES						
b. STREET ADDRESS 622 FUNAISHIKAWA, TOKAI-MURA, NAKA-GUN						13a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY IBARAKI, JAPAN						15. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE						
a. NAME												
b. STREET ADDRESS												
c. CITY - STATE - COUNTRY												
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
		ENRICHED URANIUM HEXAFLUORIDE				96,929 KGU		4.15%		4,023KGU235		
						(0.05 WT% DIFFERENCE DUE TO POSSIBLE FLUCTUATION ON ENRICHMENT OF U-235)						
22. COUNTRY OF ORIGIN - SOURCE MATERIAL AUSTRALIA			23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)						
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)												
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				b. TITLE						
		<i>[Signature]</i>				MANAGER, ADVANCED METALS & NUCLEAR FUEL, NFMDC						

9104020375

XSNM02598  
1100446



MITSUBISHI INTERNATIONAL CORPORATION

CABLE ADDRESS  
MITSUBISHI NEWYORK

520 MADISON AVENUE  
NEW YORK, N.Y. 10022

TELEPHONE  
(212) 605-2000

DATE March 22, 1991  
OUR REF. No. HSA-5491-05

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

Attn: Ms. Betty Wright

Re: Application for License to Export Enriched UF6  
for the Genkai Plant Unit No. 3, Regions 1, 2, and 3.

Dear Ms. Wright,

Please find enclosed our application for license to export slightly enriched UF6. This material will be used for the fabrication of fuel assemblies and ultimately loaded into Genkai Plant Unit No.3 (Regions 1, 2, and 3) owned by Kyushu Electric Power Company Inc.

The contract for the uranium enriching services with the U.S. Department of Energy is DE-SC05-84UEJA206.

The feed material is supplied by Australia.

The relevant enriched UF6 will be delivered at the U.S. D.O.E. Portsmouth Enrichment Plant in Piketon, Ohio. After being exported to Japan, it will be converted to UO2 powder, pelletized and fabricated into fuel assemblies by Mitsubishi Nuclear Fuel, Ltd.

As to the validity of the export license, we wish to have a two year period from the date of issuance.

With regard to sampling, we request that two (2) P-10 tube samples be taken from each parent cylinder. This sample should be delivered to us c/o Teledyne Isotopes for independent analysis. We also request that E.R. Johnson Associates witness the weighing and sampling.

Thank you for your attention to the above and should you have any questions, please call us at (212) 605-2150.

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RECEIVED  
U.S. NUCLEAR REGULATORY COMMISSION

~~2104020382~~

XSNM0254  
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NRC  
March 22, 1991  
(Page 3)

cc: Ms. Mona Holt  
Enrichment Services specialist  
Business Operations Division  
Enrichment Operations  
U.S. Department of Energy  
Oak Ridge Operations  
P.O. Box E  
Oak Ridge TN 37830

Embassy of Japan  
2520 Massachusetts Ave., N.W.  
Washington DC 20048

Mitsubishi International Corp.  
Washington Representative Office  
Suite 860  
655 15th Street, N.W.  
Metropolitan Square  
Washington DC 20005

Mitsubishi Corporation  
Tokyo, Japan  
Attn: HS-D

EXPORT IMPORT  
INT'L SAFEGUARDS

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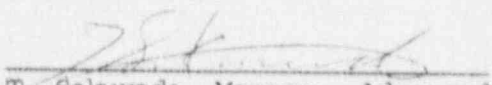
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XSNM02590  
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NRC  
March 22, 1991  
(Page 2)

Sincerely,

MITSUBISHI INTERNATIONAL CORP.

  
T. Sakurada, Manager, Advanced  
Metals and Nuclear Fuel Department  
Non Ferrous Metal Division

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EXPORT IMPORT

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