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EXPORT/IMPORT  
AND  
INTERNATIONAL SAFEGUARDS  
REF NO: HSA-5481-01  
DATE July 14, 1981

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

Re: Application for License to Export  
Enriched UF6 for Ohi Nuclear  
Power Plant Unit No. 2

Gentlemen:

Enclosed please find our application in triplicate for the export license for slightly enriched UF6 to be used for the fabrication of fuel assemblies which are to be loaded to Region No. 7 of Ohi Nuclear Power Plant Unit No. 2 owned by The Kansai Electric Power Company, Inc.

The contract number for the uranium enriching services with U.S. Department of Energy is E(49-14) UES/JA/027.

Supplier of the feed material for enrichment is Allied (U.S.A.) BNFL (U.K.), Comurhex (France) and/or Eldorado (Canada).

The relevant enriched UF6 will be delivered by Union Carbide Corp. at U.S. DOE Oak Ridge Enrichment Plant, in Nov. 1981 and after being imported to Japan, it is to be converted to UO2 powder, pelletized and fabricated into fuel assemblies by Mitsubishi Nuclear Fuel Company, Ltd.

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

The following are some additional information regarding the fuel for Ohi Nuclear Power Plant Unit No. 2.

(1) The quantity and enrichment needed in one core (Initial Core):

Region	U-Quantity (kgs. U)	Enrichment (W/O)
1	29,995	2.10
2	29,533	3.60
3	29,533	3.10

(2) The quantity (including excess uranium) and enrichment of U needed for a reload.

U-Quantity (kgs. U)	Enrichment (W/O)
29,530	3.20

(3) The quantity and enrichment of U and dates of import and loading:

<u>U-Quantity</u> (kgs. U)	<u>Enrichment</u> (W/O)	<u>Date of Import</u>	<u>Date of Loading</u>
R.1: 29,995	2.10	April 1978	June 1978
R.2: 29,533	2.60	" "	" "
R.3: 29,533	3.10	" "	" "
R.4: 29,312	3.20	" 1979	November '80
R.5A: 7,299	3.20	" "	under fabrication
R.5B: 2,894	3.20	Jan. 1980	under fabrication
R.6A: 15,929	3.20	" "	under fabrication
R.6B: 15,057.976	3.20	Feb. 1981	under fabrication

(4) The quantity of U already discharged:

31,382 kgs. U (68 assemblies)

(5) Interval of reloading: about one year

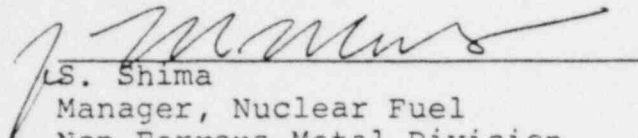
(6) Expected time of loading: R.7: May 1983

(7) Sampling: Two P-10 tube samples will be requested to take from each parent cylinder of enriched UF6 and would be delivered to MIC C/O Teledyne Isotopes. Witness on Sampling and Weighing will be made.

Thank you very much for your attention to the above, and should you have any further questions, please call us at (212) 922-3778.

Very truly yours,

MITSUBISHI INTERNATIONAL CORP.

  
S. Shima  
Manager, Nuclear Fuel  
Non Ferrous Metal Division

SS/pl

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