



MITSUBISHI INTERNATIONAL CORPORATION

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1982 AUG 9 AM 11 11

FILE

Pres.	Vice Pres.	Gen. Mgr. Foreign Mktg. Div.	
			<i>[Handwritten initials]</i>

EXPORT/IMPORT  
AND  
DATE: JULY 21, 1982

OUR REF. NO. HSA-5482-06

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 Takahama 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. 11 of Takahama 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/017.

Supplier of the feed material is Allied (USA), 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 Tennessee 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 Takahama Nuclear Power Plant Unit No. 2.

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

<u>Region</u>	<u>U-Quantity</u>	<u>Enrichment</u>
1	24,330 kgs. U	2.00
2	23,870 kgs. U	2.70
3	23,870 kgs. U	3.35

(2) The quantity and enrichment needed for a reload.

<u>Quantity</u>	<u>Enrichment</u>
23,770 kgs. U	2.80 W/O

(3) The quantity and enrichment of U already imported and date of import and loading.

	<u>U-Quantity</u> (kgs. U)	<u>Enrichment</u>	<u>Import</u>	<u>Loading</u>
R.1	26,519	2.00	July, 1973	Oct., 1974
R.2	26,017	2.70	Sept., 1973	"
R.3	26,019	3.35	Nov., 1973	"
Part of R.4	17,878	3.25	June, 1975	Aug., 1977
Part of R.4/5	13,181	3.25	Aug., 1975	Aug., 1977 March, 1978
Part of 5/6	29,710	3.25	Sept., 1976	April, 1978 Sept., 1979
Part of 6/7	23,828	3.25	Aug., 1977	Sept., 1979 Jan., 1981
R.8A	13,572	2.80	Sept., 1978	March 1982
R.8B/9A	4,708 21,123	2.80	Jan., 1979	March, 1982 STORAGE AT SITE
R.10	12,991.2	2.80	Dec., 1981	UNDER FABRICATION

(4) The quantity of U already discharged.

19,779 kgs. U	Oct., 1976
26,017 kgs. U	Feb., 1978 March, 1979
26,019 kgs. U	March, 1979
18,280 kgs. U	Jan., 1982

(5) Interval of reloading.

About one year.

(6) Expected time of loading: R.11 March, 1984

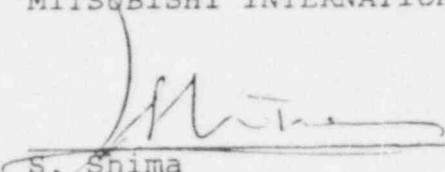
(7) Sampling:

Two P-10 tube samples will be taken from each parent cylinder of enriched UF6 and would be delivered to us C/O Telephone Isotopes. Also we will arrange for witness of weighing and sampling.

Thank you very much for your attention to the above, and should you have any further questions, please call us at (212) 605-2145.

Very truly yours,

MITSUBISHI INTERNATIONAL CORP.

  
S. Shima  
Manager, Nuclear Fuel  
Non-Ferrous Metal Division

SS/kh

cc: J.R. Russel, Acting Chief  
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