



MITSUBISHI INTERNATIONAL CORPORATION

277 PARK AVENUE
NEW YORK, N. Y. 10172

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EXPORT/IMPORT
AND
OUR REFERENCE NO. HSA-5481-04
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 Mihama Nuclear
Power Plant Unit No. 3

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. 10 of Mihama Nuclear Power Plant Unit No. 3 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/018.

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 Dec., 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 Mihama Nuclear Power Plant Unit No. 3.

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

Region	U-Quantity (kgs. U)	Enrichment (W/O)
1	24,330	2.00
2	23,870	2.70
3	23,870	3.35

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

U-Quantity (kgs. U)	Enrichment (W/O)
23,770	2.80

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

U-Quantity (kgs. U)	Enrichment (W/O)	Date of Import	Assembly	Date of Loading
R.1: 24,574.551	2.00	Dec., 1974		Oct., 1975
R.2: 24,114.473	2.70	"		"
R.3: 26,096.357	3.35	Feb., 1975		"
R.4/R.5A: 29,702.812	3.25	Sept., 1976	36 (R.4)	Dec., 1977
			16 (R.4)	Nov., 1978
			12 (R.5)	"
R.5B: 17,113.838	3.25	Aug., 1977	24 (R.5)	"
			16 (R.5)	Storage at site
R.6A: 11,142.819	2.80	"	24 (R.6)	"
R.6B: 12,999.294	2.80	July, 1978	28	"
R.7A: 11,897.501	2.80	Feb., 1980	24	Under fabrication
R.7B: 13,917.484	2.80	Sept., 1980	28	"
R.8: 25,068.706	2.80	Nov., 1980	52	"

- (4) The quantity of U already discharged:

17,980 Kgs. U October, 1977
 23,764 Kgs. U October, 1978

- (5) Interval of reloading:

about one year

- (6) Expected time of loading:

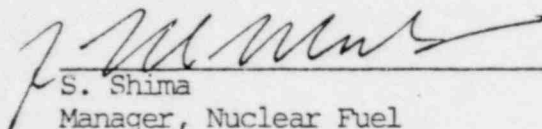
B10: 44 Assemblies - September, 1983

- (H) 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. Wetness 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/md

cc: Mr. J. R. Russell, Acting Chief
U.S. Dept. of Energy
Oak Ridge Operations
P. O. Box "E"
Oak Ridge, Tennessee 37830

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

Mr. Okano
Mitsubishi Int'l Corp.
Washington Representative
Washington, D.C.

Mitsubishi Corp.
HS-B
Tokyo, Japan