



MITSUBISHI INTERNATIONAL CORPORATION
277 PARK AVENUE
NEW YORK, N. Y. 10017

OUR REF. NO. HSA-5480-02
DATE Jan. 3rd, 1980

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 Kyushu Genkai
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 14 fuel assemblies, which are to be loaded to Region No. 4 of Genkai Nuclear Power Plant Unit No. 2 owned by Kyushu Electric Power Co., Inc.

The Contract Number for the Uranium Enriching Services with the U.S. D.O.E. is DE-SC05-79UEJA-103.

Supplier of the feed material for enrichment will be Eldorado Nuclear, Canada.

We expect that the relevant enriched UF6 will be delivered by Union Carbide Corp., at U.S. D.O.E. Oak Ridge Enrichment Plant, Tenn. in July 1980 and after being imported to Japan, it is to be converted to UO2 powder, pelletized and fabricated into fuel assemblies by Mitsubishi Nuclear Fuel Co., Ltd.

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

1. Quantity and enrichment of uranium needed in one core (initial core):

Region	U Quantity	Enrichment	No. of Assemblies
No. 1	16,450 kgs. U	2.27%	41 pcs.
No. 2	16,050 kgs. U	3.03%	40 pcs.
No. 3	16,850 kgs. U	3.40%	42 pcs.

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2. Quantity and enrichment of uranium needed for a reload:

<u>Region</u>	<u>U Quantity</u>	<u>Enrichment</u>	<u>No. of Assemblies</u>
No. 4 onward	16,050 kgs. U	3.10%	40 pcs.

3. Quantity and enrichment of uranium already imported to Japan from U.S.A:

<u>Region</u>	<u>U Quantity</u>	<u>Enrichment</u>	<u>Date of Import</u>	<u>Date of Loading</u>
No. 1	16.781 kgs. U	2.27%	Nov'78	Jan'80
No. 2	16,341 kgs. U	3.03%	Nov'78	Jan'80
No. 3	19,755 kgs. U	3.40%	Nov'78	Jan'80

4. Quantity of Uranium already discharged: nil

5. Quantity and enrichment of uranium subject to this application for export license.

(Please note that some reasonable allowance permitted by the Toll Enrichment Contract with U.S. D.O.E. is considered in our application, while the following figures are those scheduled).

<u>Region</u>	<u>U Quantity</u>	<u>Enrichment</u>	<u>Scheduled date of Import</u>	<u>Scheduled date of loading</u>
Part of No. 4	6,124 kgs. U	3.40%	July/Aug'80	Dec. 1981

6. Interval of reloading:

about one year

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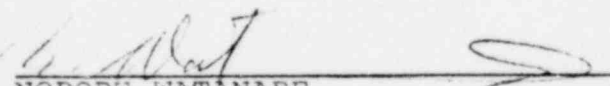
7. Typical Period from import to loading into reactor:

about two years

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

Very truly yours,

MITSUBISHI INTERNATIONAL CORP.


NOBORU WATANABE
NON FERROUS METAL DIVISION

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cc: Mr. Miyabayashi
Embassy of Japan

Kyushu Electric Power Co., Inc.
Fuel Dept. Nuclear Fuel Section

Mitsubishi Corporation
Tokyo, Japan
(HS-B Section)

Mr. McAlduff, Jr., Chief
Toll Enriching Branch
Uranium Enrichment Operation Div.
Oak Ridge Operations Office
U.S. Department of Energy

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