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FILE

Pres.	Vice Pres.	Chief Non Ferrous Metal Div.			

EXPORT/IMPORT

DATE 22, 1982

OUR REF. No. HSA-5482-05

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. 9 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/019.

SUPPLIER OF THE FEED MATERIAL FOR ENRICHMENT 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 OHI 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>(KGS U)</u>	<u>ENRICHMENT</u> <u>(W/O)</u>
1	29,995	2.10
2	29,533	3.60
3	29,533	3.10

(2) THE QUANTITY AND ENRICHMENT OF U NEEDED FOR A RELOAD.

<u>U-QUANTITY</u> <u>(KGS. U)</u>	<u>ENRICHMENT</u> <u>(W/O)</u>
29,530	3.20

(3) THE QUANTITY AND ENRICHMENT OF U ALREADY IMPORTED AND DATES OF IMPORT AND LOADING:

	<u>U-QUANTITY</u> <u>(KGS. U)</u>	<u>ENRICHMENT</u> <u>(W/O)</u>	<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	NOV. 1980
R.5A	7,299	3.20	" "	DEC. 1981
R.5B	23,894	3.20	JAN., 1980	"
R.6A	15,929	3.20	"	UNDER FABRICATION
R.6B	15,057.976	3.20	FEB., 1981	" "
R.7	14,558.2	3.20	DEC., 1981	" "
R.8	20,811.0	3.20	MAR., 1982	" "

(4) THE QUANTITY OF U ALREADY DISCHARGED: 62,747 KGS. U (136 ASSEMBLIES)

(5) INTERVAL OF RELOADING: ABOUT ONE YEAR

(6) EXPECTED TIME OF LOADING:

R.9 MAY 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 TELEDYNE ISOTOPES. ALSO, WE WILL ARRANGE FOR WITNESS ON WEIGHING AND SAMPLING.