CARPENTER TECHNOLOGY CORPORATION
SPECIAL PRODUCTS DIVISION
P.O. BOX 20536, SAN DIEGO, CALIFORNIA 92120 · (714) 448-1000

PDR XCOM0703 11003051

CarTech

DATE: December 13, 1982

ADDENDUM TO

EXPORT LICENSE APPLICATION

FOR BOILING WATER REACTOR ZIRCALOY-4 FUEL CHANNELS

The following information is given in accordance with that information which is required by Paragraph 110.31, General Requirements of 10CFR Part 110.

a. Name and U.S. address of applicant:

Carpenter Technology Corporation
Special Products Division
Post Office Box 20536
San Diego, California 92120

b. Name and address of supplier of equipment and material, if different from the applicant:

None

c. Name and address of ultimate consignee:

Japan Atomic Power Company
No. 6-1, 1-Chome Ohtemachi
Chiyoda-ku, Tokyo 100
Japan

d. Name and address of intermediate consignee:

Unknown

e. Date of proposed first shipment:

April 15, 1983

f. Date of proposed completion of final shipment:

May 15, 1983

g. Contractual delivery date, if established:

June 30, 1983, at site

h. Proposed expiration of export license:

January 1, 1984

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EXPORT LICENSE APPLICATION FOR BOILING WATER REACTOR ZIRCALOY-4 FUEL CHANNELS, continued.

i. End use of material by all consignees:

Replacement core components for Tokai-II reactor.

Additional information as required by Paragraph 110.32, Additional Requirements of 10CFR Part 110.

a. General description of equipment:

90 each, 2.5mm (0.100") Zircaloy-4 alloy fuel channels. These fuel channels are 5.278" inside diameter by approximately 167 inches in length. The cross section of the tube is square with equal sides. The normal use for these fuel channels is to serve as a water flow chimney for boiling water reactor fuel.

b. Design power level:

1067 megawatts electric

c. Name of installation:

Tokai II

d. Location of where equipment is to be used:

Tokai Mura, Japan

e. Date when equipment is needed abroad:

June, 1983

f. Total dollar value of all items to be exported under the requested license:

$329,400.00

g. List of items to be exported:

Boiling water reactor fuel channels would be classified under Zirconium Tubes, as listed in Appendix A of Nuclear Equipment, Item A(6).