

CARPENTER TECHNOLOGY CORPORATION

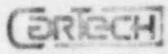
PDR

XCOM 0668

11002960

SPECIAL PRODUCTS DIVISION

PO BOX 20536 SAN DIEGO CALIFORNIA 92120 (714) 446-1000



DATE: September 9, 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:

Taiwan Power Company
242 Roosevelt Road, Sec. 3
Taipei 107, Taiwan
Republic of China

d. Name and address of intermediate consignee:

Unknown

e. Date of proposed first shipment:

October, 1982

f. Date of proposed completion of final shipment:

June 30, 1983

g. Contractual delivery date, if established:

(Not yet established)

h. Proposed expiration of export license:

December 31, 1983

B210080320 B20909
PDR XPORT
XCOM-0668 PDR

Copy to PDR and ACC 9-17-82.

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

i. End use of material by all consignees:

Replaceable core components for Chin-shan Reactor.

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

a. General description of equipment:

4 each, 2.5mm (.100") Zircaloy-4 alloy fuel channels. These fuel channels are 5.275" inside diameter by approximately 167 inches in length. The cross section of the tube is square. The normal use for these fuel channels is to serve as a water flow chimney for boiling water reactor fuel.

b. Design power level:

604 megawatts electric

c. Name of installation:

Chin-shan Reactor

d. Location of where equipment is to be used:

Shihmin Hsiang, Taiwan
Republic of China

e. Date when equipment is needed abroad:

October, 1982 (estimated)

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

\$20,000.00 U.S. (approximate)

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).