

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 3, 1980

INFORMATION REPORT

SECY-80-493

1980 NOV 13 AM 7 53

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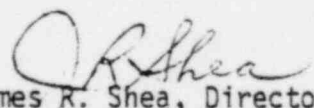
For: The Commissioners
From: James R. Shea, Director
Office of International Programs
Thru: William J. Dircks
Executive Director for Operations

TAR for W.S.D.

Subject: APPLICATION FOR EXPORT OF TWO POWER REACTORS, INITIAL CORES,
AND THREE RELOADS EACH TO TAIWAN (XR-137, XSNM01753 AND
XSNM01754)

Discussion: Enclosed for the information of the Commission are copies of
three license applications dated October 9, 1980 from
Combustion Engineering, Inc., for the export of two pressurized
water reactors, initial cores, and three reloads each to Taiwan.
General Electric and Westinghouse also have applied for licenses
to supply these reactors, initial cores and reloads (see
SECY-80-146 and SECY-80-263).

Commissioners are requested to advise the staff of any
particular issues or information which they can identify
at this stage and which they wish included in the staff's
analysis.


James R. Shea, Director NOV 3 1980
Office of International Programs

Contact:
B. L. Wright, IP (49-27984)
R. N. Moore, IP (49-27984)

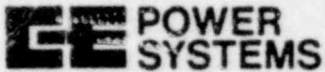
Enclosure:
Subject Applications

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Secretariat

801119 0010

C-E Power Systems
Combustion Engineering, Inc.
1000 Prospect Hill Road
Windsor, Connecticut 06095

Tel. 203/688-1911
Telex: 99297



October 9, 1980

XR-137
11002252

Assistant Director
Export/Import and International Safeguards
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Export License Application for Two Nuclear Steam Supply Systems
to Taiwan

Dear Sir:

Pursuant to the Code of Federal Regulations, Title 10, Part 110, Combustion Engineering, Inc. hereby files its application for a license to export two 900 electrical megawatt nuclear steam supply systems to Taiwan, Republic of China. The information required by 10CFR, Part 110, to be included with this application is contained in the attachment to this letter. Taiwan Power Company, the ultimate user of the equipment, has issued specifications for the equipment and we will be one of the bidders responding to these specifications. A contract for the equipment has not been received and, therefore, much of the information furnished at this time must be approximate.

We look forward to your consideration of this application and will be happy to supply any additional information required.

Very truly yours,

Combustion Engineering, Inc.

J. M. West
J. M. West
Vice President
Nuclear Power Systems Division

RECEIVED
U.S. NRC

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JMW:pp

Attachment

EXPORT/IMPORT
AND
INTERNATIONAL SAFEGUARDS

D. J. M.
801110801
318

Attachment to Application
for
Export of Two Nuclear Steam Supply Systems
to Taiwan, Republic of China

1000 OCT 21 AM 10 53

- A. Name and U.S. address of applicant.

Combustion Engineering, Inc.
1000 Prospect Hill Road
Windsor, Connecticut 06095

Attention: Dr. Herbert Cahn

EXPORT/IMPORT
AND
INTERNATIONAL SFGRDS

- B. Name and address of supplier of equipment or material, if different from the applicant.

Same

- C. Name and address of ultimate consignee.

Taiwan Power Company
154 Pa Te Road
Section 4
Taipei, Taiwan
Republic of China

- D. Name and address of intermediate consignee.

None

- E. Date of proposed first shipment.

March, 1983

- F. Date of proposed completion of final shipment.

December, 1989

- G. Contractual delivery dates, if established.

Not yet established.

- H. Proposed expiration date of export license.

December, 1993.

- I. End-use of material or equipment by all consignees, intermediate and ultimate, with sufficient detail to permit accurate evaluation of the justification for the proposed export.

The equipment will be used to generate steam for two power plants of approximately 900 electrical megawatt capacity. Each unit will consist of a pressurized light water nuclear reactor of Combustion Engineering design and associated steam generators, control systems and safety systems.

J. General description of the equipment.

The equipment consists of two nuclear steam supply systems. Each system consists primarily of a pressurized light water nuclear reactor, two steam generators, four primary coolant pumps, and associated piping. In addition, the nuclear steam supply system contains auxiliary fluid and electrical equipment systems to control the operation of the reactor and safety and protection systems.

K. For nuclear reactors, the design power level in thermal or electrical watts.

Approximately 900 electrical megawatts.

L. Name of installation, if known, in which the equipment is to be used.

Yenliao Power Station

M. Location where the equipment is to be used.

Yenliao
Taiwan
Republic of China

N. Date when equipment is needed abroad.

Starting April, 1983 through December, 1989.

O. Total dollar value of all items to be exported under the required license.

In the range \$200 to \$250 million.

P. A list of the items proposed to be exported. Such list need only identify the items by the categories listed in paragraphs a. through e. of Appendix A.

Items to be exported include the items identified in Appendix A, paragraphs a 1, 2, 3, 5, 7, 8, 9 and 10.

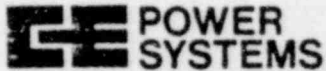
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10/21/89

1989 OCT 21 AM 10 55

EXPORT/IMPORT
AND
INTERNAT'L SFGROS

C-E Power Systems
Combustion Engineering, Inc.
1000 Prospect Hill Road
Windsor, Connecticut 06095

Tel. 203/688-1911
Telex: 99297



October 9, 1980

*XSNM01753
11002253*

Assistant Director
Export/Import and International Safeguards
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Export License Application for Initial Fuel Loadings for Two Nuclear
Steam Supply Systems to Taiwan

Dear Sir:

Pursuant to the Code of Federal Regulations, Title 10, Part 110, Combustion Engineering, Inc. hereby files its application for a license to export initial nuclear fuel loadings for two 900 electrical megawatt nuclear steam supply systems to Taiwan, Republic of China. The information required by 10CFR, Part 110, to be included with this application is contained in the attachment to this letter. Taiwan Power Company, the ultimate user of the fuel, has issued specifications for the fuel and we will be one of the bidders responding to these specifications. A contract has not been received and, therefore, much of the information furnished at this time must be approximate.

We look forward to your consideration of this application and will be happy to supply any additional information required.

Very truly yours,

Combustion Engineering, Inc.

A handwritten signature in dark ink, appearing to read 'J. M. West'.

J. M. West
Vice President

Power Systems Division

JMW:pp

Attachment

DUPLICATE DOCUMENT

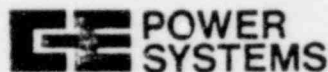
Entire document previously
entered into system under:

ANO 8011110823

No. of pages: 4

C-E Power Systems
Combustion Engineering, Inc.
1000 Prospect Hill Road
Windsor, Connecticut 06095

Tel. 203/688-1911
Telex: 99297



October 9, 1980

XSNM01754
11002254

Assistant Director
Export/Import and International Safeguards
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Export License Application for Reload Fuel for Two Nuclear
Steam Supply Systems to Taiwan

Dear Sir:

Pursuant to the Code of Federal Regulations, Title 10, Part 110, Combustion Engineering, Inc. hereby files its application for a license to export nuclear fuel loadings for two 900 electrical megawatt nuclear steam supply systems to Taiwan, Republic of China. The information required by 10CFR, Part 110, to be included with this application is contained in the attachment to this letter. Taiwan Power Company, the ultimate user of the fuel, has issued specifications for the fuel and we will be one of the bidders responding to these specifications. A contract has not been received and, therefore, much of the information furnished at this time must be approximate.

We look forward to your consideration of this application and will be happy to supply any additional information required.

Very truly yours,

Combustion Engineering, Inc.

J. M. West
J. M. West
Vice President
Nuclear Power Systems Division

DUPLICATE DOCUMENT

Entire document previously
entered into system under:

ANO 8011110778

No. of pages: 4

11 The applicant requested 40 fuel
batches; however, he has agreed
to limit amount to 3 reloads
in accordance with present
Executive Branch / NRC policy.
B.L. Wright
USNRC
IP