

THIS LICENSE EXPIRES 21 June 2014

**United States of America**  
Nuclear Regulatory Commission

**XSNM01753**  
Amendment No. 02  
Page 1 of 2

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued

to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

<p style="text-align: center;"><b>LICENSEE</b></p> <p><b>ABB C-E Nuclear Power, Inc.</b> 2000 Day Hill Road Windsor, CT 06095-0500</p> <p><b>Attn: V. Paggen</b></p>	<p style="text-align: center;"><b>ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</b></p> <p><b>Taiwan Power Company</b> 242 Roosevelt Road, Section 3 Taipei 10763, Taiwan</p> <p>(Initial core loadings and five reloads each for Lungmen Nuclear Power Plants Units 1 and 2)</p>
<p style="text-align: center;"><b>INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</b></p> <p style="text-align: center;"><b>NONE</b></p>	<p style="text-align: center;"><b>OTHER PARTIES TO EXPORT</b></p> <p><b>Frontier Technology, Inc.</b> 1641 Burnett Drive Xenia, OH 45385</p> <p>(Supplier of Neutron Sources)</p> <p>(Plus various other suppliers and subcontractors to Licensee)</p>

<p><b>APPLICANT'S REF. NO.</b> <u>LD-99-032</u></p>	<p><b>COUNTRY OF ULTIMATE DESTINATION</b> <u>Taiwan</u></p>
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<p><b>QUANTITY</b></p>	<p><b>DESCRIPTION OF MATERIALS OR FACILITIES</b></p> <p>The licensee is authorized to export 582,000 kilograms of uranium containing 29,100 kilograms of uranium-235 as natural uranium and uranium enriched to 5.0 w/o maximum in the form of fabricated fuel assemblies. This quantity will provide fuel for the initial core loadings (218,000 kilograms uranium/10,900 kilograms uranium-235) and five (5) reloads for each reactor (364,000 kilograms uranium/18,200 kilograms uranium-235).</p> <p style="text-align: center;"><b>XSNM01753, Amendment No. 02, continued on Page 2</b></p>
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Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW  
BY AUTHORIZED NRC REPRESENTATIVE

*Ronald D. Hauber*  
**Ronald D. Hauber, Deputy Director**  
Office of International Programs

DATE OF ISSUANCE December 21, 1999 *DF03*

**EXPORT LICENSE**

*POU EXPORT XSNM-1753*

The licensee is also authorized to export gram quantities of special nuclear material and byproduct material contained in instruments, detectors and sources as follows:

- 1) Ten (10) neutron detectors, each containing 2 grams of uranium-235 enriched to less than 95.0 w/o maximum;
- 2) Two (2) sets of instrumentation check sources, each containing less than 10 $\mu$  curies of Cesium-137 and less than 6  $\mu$  curies of Radium-226
- 3) Two (2) sets of calibration sources, each containing less than 1 $\mu$  curie (1gm) of Cesium-137, 1.5  $\mu$  curies (1gm) of Barium-133 and 1.1  $\mu$  curies (1gm) of Cobalt-60;
- 4) Four (4) neutron sources, each containing less than 2000  $\mu$  curies contained in 25  $\mu$ -grams of Californium 252; and
- 5) Two (2) boron concentration measuring instruments, each containing less than one (1) curie contained in 0.2 grams of Americium/beryllium.

The license is amended to: 1) change the name of the licensee from Combustion Engineering to ABB C-E Nuclear Power, Inc.; 2) change licensee address to 2000 Day Hill Road, Windsor, CT 06095-0500; and 3) change the expiration date from 31 December 2014 to 21 March 2014.

No other changes are made.

All other conditions remain unchanged.

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