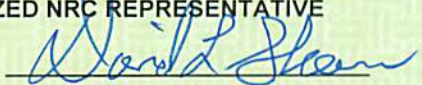


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<p>NRC FORM 250 (10-07)</p> <p align="center"><b>UNITED STATES OF AMERICA</b> Nuclear Regulatory Commission Washington, D.C. 20555</p>		<p>NRC LICENSE NO.: XSNM3774</p> <p align="right">Page 1 of 2</p> <p>NRC DOCKET NO.: 11006239</p> <p>LICENSE EXPIRES: December 31, 2018</p>	
<p>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 (NRC) 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>			
LICENSEE		ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)	
<p>Thermo Fisher Scientific 10010 Mesa Rim Road San Diego, CA 92121</p> <p>Attn: Robert Barnes</p>		<p>Huaneng Shandong Shidao Bay Nuclear Power Company, Ltd. No. 9 Shihe Road Rongcheng Shandong Province China</p> <p>(for neutron flux monitoring at the Shidaowan High Temperature Helium-Cooled Pebble Bed Reactors, Units 1 and 2)</p>	
INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)		OTHER U.S. PARTY(IES) TO EXPORT	
None		None	
APPLICANT'S REFERENCE NO.: 25797		ULTIMATE DESTINATION: China	
QUANTITY(IES)	DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)		
0.141 kilograms	<p>Uranium, enriched to 94 WGT % maximum, containing up to 0.130 kilograms of uranium-235. The uranium will be contained in 36 fission chambers, each containing up to 3.9 grams of enriched uranium.</p> <p>Conditions 3, 4, 6, and 7 on Page 2 of this license apply to this export.</p>		
<p>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.</p> <p>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 NRC.</p>		<p align="center"><b>THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</b></p> <p>SIGNATURE: </p> <p>NAME AND TITLE: David L. Skeen, Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: <u>June 19, 2017</u></p>	

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**Conditions**

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- Condition 3:** This license covers only the nuclear content of the material.
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- Condition 6:** This license authorizes export only and does not authorize the receipt, physical possession, or use of the nuclear material.
- Condition 7:** The shipper shall complete and submit a DOE/NRC Form 741 for each shipment of uranium, thorium, and plutonium (i.e., source or special nuclear material) exported under this license.
- Condition 8:** Reserved

//////////////////////////////////////**END**//////////////////////////////////////