

<b>NRC FORM 7</b> (8-2010) 10 CFR 110	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	APPROVED BY OMB: NO. 3150-0027 Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.	EXPIRES: 08/31/2012
<b>APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, OR RENEWAL</b> (See Instructions on Pages 4 and 5)			

<b>PART A. FOR NRC USE ONLY</b>	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED <b>6-9-11</b>
LICENSE NUMBER <b>XCOM 1229</b>	DOCKET NUMBER <b>11005949</b>	ADAMS ACCESSION NUMBER

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**  
 (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

<b>1. NAME AND ADDRESS OF APPLICANT/LICENSEE</b> H.C. Starck Inc 45 Industrial Place Newton MA 02461	<b>1a. NAME OF APPLICANT'S CONTACT</b> Sandie Rose Fernandez	<b>1b. APPLICANT'S REFERENCE NUMBER</b> Hana 11383
	<b>1c. PHONE NUMBER</b> (617) 630-5985	<b>1d. FAX NUMBER</b> (617) 630-5919
	<b>1e. E-MAIL ADDRESS</b> Sandie_Rose.Fernandez@hcstarck.com	

**2. TYPE OF ACTION REQUESTED (Check One)**

EXPORT (Parts B, C, E)
  IMPORT (Parts B, D, E)
  AMENDMENT/RENEWAL Existing License Number: \_\_\_\_\_

<b>3. CONTRACT NUMBER(S)</b> ST-050&Blanket	<b>4. FIRST SHIPMENT DATE</b> 05/31/2011	<b>5. LAST SHIPMENT DATE</b> 12/31/2012	<b>6. PROPOSED EXPIRATION DATE</b> 12/31/2014
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**PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS**  
 (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

<b>7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT</b> H.C.Starck Inc 1250 E 222nd Street Cleveland Ohio 44117  H.C.Starck Inc 21801 Tungsten Road Euclid Ohio 44117	<b>8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)</b> Hana Metals 181-HO-IT 60-21 Gasan-Dong 158-801 Geumcheon-GU Seoul South Korea	<b>9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)</b> KNFC(Korea National Fuel Co LTD) 1047 Daedukdaero Yuseong-Gu Daejeon 305-353 South Korea
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<b>7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED</b> US Manufacturing site	<b>8a. INTERMEDIATE USE(S)</b> Manufacture furnace parts	<b>9a. ULTIMATE END USE(S)</b> Produce Uranium Oxide fuel
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<b>10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT</b> Molybdenum-Lanthanum(Mo-La) sheet various thickness and cut widths and lengths as needed to manufacture furnace parts. 1,000 kg not to exceed <span style="background-color: black; color: black;">XXXXXXXXXX</span>	<b>10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)</b> N/A	<b>10b. MAX ENRICHMENT OR WGT %</b> N/A	<b>10c. MAX ISOTOPE WGT (KG)</b> N/A
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**11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)**

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**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <i>XCOM129</i>	DOCKET NUMBER <i>11005549</i>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC    OR <input type="checkbox"/> NON-PUBLIC
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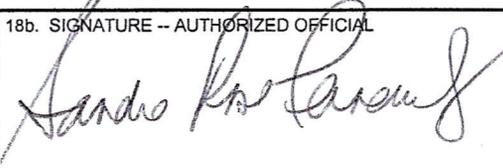
**PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input type="checkbox"/> NO
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**18. CERTIFICATION:** I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL <b>Sandie Rose Fernandez International Trade Compliance Administrator</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE <b>06/03/2011</b>
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(8-2010)  
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APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER <b>XCOM1229</b>	DOCKET NUMBER <b>11005949</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

H C Starck Inc., has wholly owned production facilities in Coldwater MI, Cleveland OH and Euclid OH. This material will be manufactured in the Ohio sites. All plants operate under the same Tax ID number and are one USPPI for export purposes.

**BLOCK 10**

H C Starck has been asked to supply Hana Metals different sized pieces of Mo-La sheet and plate. All of this material is for use in manufacturing furnace components for KNFC. The end use and application is the same as detailed in our original license application and subsequent license #XCOM1225 and XCOM1225-R - the furnace components are for manufacturing Uranium Oxide fuel at KNFC.

The price per kg is dependent upon the thickness of the material. We are requesting a new license to cover the variations of thickness and size to allow prompt delivery to Hana Metals.

rev'd ans  
6-9-11



H.C. Starck Inc.  
45 Industrial Place  
Newton, MA 02461/USA  
T 617.630.5985  
F 617.630.5919  
[www.hcstarck.com](http://www.hcstarck.com)

June 6, 2011

Ms Jill Shepherd  
US NRC  
11555 Rockville Pike  
Rockville MD 20852

Dear Ms Shepherd,

Enclosed is our new application for an Export License and check 218830 in the amount of \$1,600.00 which is the balance for a new license application with Government Assurances. This check with the previously submitted check 218363 satisfies the fees as detailed in emails between me and your office.

Thank you again for your assistance with our licenses.

Best regards,

Sandie Rose

  
Sandie Rose Fernandez  
International Trade Compliance Administrator  
[Sandie\\_Rose.Fernandez@hcstarck.com](mailto:Sandie_Rose.Fernandez@hcstarck.com)

Rec'd  
6-9-11 JMS