

NRC FORM 7 (8-2011) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 08/31/2012	
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) <i>(See Instructions on Pages 4 and 5)</i>				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 Information 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.			
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED 9-20-12			
LICENSE NUMBER X10m1254		DOCKET NUMBER 11006048		ADAMS ACCESSION NUMBER			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)							
1. NAME AND ADDRESS OF APPLICANT/LICENSEE GE Oil and Gas - Dresser, Inc. 85 Bodwell Street, Avon, MA 02322 Tel- (508)586-4600		1a. NAME OF APPLICANT'S CONTACT Yola Karraz		1b. APPLICANT'S REFERENCE NUMBER DRE1201NRC			
		1c. PHONE NUMBER (508) 427-8953		1d. FAX NUMBER (508) 427-8971			
		1e. E-MAIL ADDRESS yola.karraz@ge.com					
2. TYPE OF ACTION REQUESTED <i>(Check One)</i> <input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Current License Number: _____ <input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number: _____							
3. CONTRACT NUMBER(S) N/A		4. FIRST SHIPMENT DATE was scheduled for 06/28/2012		5. LAST SHIPMENT DATE NA		6. PROPOSED EXPIRATION DATE 09/30/2022	
PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, RENEWALS OR CONSENTS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)							
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT Dresser, Inc. 85 Bodwell St. Avon, MA 02322 Dresser, Inc. Hwy 167N @ US3225, Alexandria, LA See page 3 for additional suppliers		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) N/A		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Atomic Energy of Canada Limited (AECL) Chalk River Laboratories Building 457 Chalk River, Ontario Canada K0J 1J0 Phone: (613) 584-3311 See page 3			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED NA		8a. INTERMEDIATE USE(S) NA		9a. ULTIMATE END USE(S) Chalk River Laboratories			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Various types of safety, safety relief and control valves & components or sub-assemblies therefor, & associated operation and maintenance technology, specially designed for use in AECL's Chalk River Laboratories (CRL) - Canada Estimated value over life of license: See page 3 for details.		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) NA		10b. MAX ENRICHMENT OR WGT % NA		10c. MAX ISOTOPE WGT (KG) NA	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) None							

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

LICENSE NUMBER <i>X10m1254</i>	DOCKET NUMBER <i>11006048</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, RENEWALS OR CONSENT REQUEST(S)

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 checked="" 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 YOLA K. KARRAZ	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Yola Karraz</i>	18c. DATE <i>09-17-2012</i>
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(8-2011)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <i>X60m1284</i>	DOCKET NUMBER <i>11006048</i>	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)

7) Dresser, Inc. Located in Avon, Massachusetts is owned 100% by the General Electric Company (GE and reports to the Oil and Gas business division of GE. Dresser Inc. is a manufacturer among other things of valves to meet a wide range of automated process control applications manufacturer and marketer of highly engineered equipment and specialized services sold primarily to customers in energy-related industries (including oil, gas, chemical and nuclear end-uses).

Dresser Inc. designs and manufacturers a range of products in support of these industries, including valves, actuators, instruments, meters, switches, regulators, piping specialties, natural gas fueled engines, blowers, retail fuel dispensers, and outdoor payment and point-of-sale systems.

8) Although the end-user is Nuclear Power Plant (see blocks 9&9a), our customer is Contro Valve Inc. 3375 North Service Road, Units B4-6 Burlington, Ontario L7N 3G2 Canada, (Tel.905 319 5545). We are selling to Contro Valve Inc., who in turn is selling to the AECL – Chalk River Laboratories. However, Contro Valve will never take physical possession of the goods. The items will be exported by Dresser, Inc. from the U.S. directly to the end-user in Canada. To the best of our knowledge, there are no intermediate consignees, nor are there any intermediate end-uses.

10) The items for which we are seeking a license are various types of control valves including bellows sealed valves and various components therefor, which have been specially designed and manufactured to ASME specifications for use specifically in the Chalk River Laboratories facility, In Ontario Canada which is an “experimental research and analysis facility with 135 megawatt thermal capacity” constructed by AECL (Atomic Energy of Canada Limited). The valves are manufactured from carbon steel (SA 216 WCB/WCC, SA105) or stainless steel (SA 182 F316, or SA 351 CF8M), and are used at various points within the plant for controlling the flow of D2O (heavy water), helium, nitrogen (N2, in gas form) and other non-condensable gases, demineralized light water, helium saturated with light water, or D2O steam. Several of the valves are located within one of NRU (National Research Universal) Reactor Loops (U-1, U-2, or U-3) which are considered part of the primary heat transport system and, therefore, may be in close proximity to the calandria. However, all of the valves are located within the reactor containment building.

The subject control valves and various components therefor, are for the repair/replacement of various control valves that were sold to AECL – Chalk River through Dresser’s Burlington, Ontario, Canada facility (“Dresser Canada”), (Note: due to corporate restructuring within Dresser, the Burlington facility was discontinued in 2004.) Just as many of the original valves were specially designed and manufactured to be installed in the containment building of Chalk River Laboratories, so too are many of the repair/replacement components subject to this license application. For example, the bellows assemblies are designed to virtually eliminate all leakage in a nuclear environment. In contrast, bellows assemblies for traditional non-nuclear end-uses may be designed such that minimal leakage is inevitable due to less stringent specifications and materials.

Exports in support of the Chalk River facility will primarily occur from our Avon plant. However, because Dresser has other facilities throughout the U.S., we request license coverage for exports from any of our U.S. facilities. After Avon, the next most likely Dresser site to support the Chalk River Laboratories facility is located at 1250 Hall Court, Deer Park, Texas, 77536. We anticipate that the actual U.S. port(s) of export may vary. Expeditors International is our anticipated freight forwarder.

6) In anticipation of our ongoing support of the Chalk River Laboratories facility over a number of years, we respectfully request that the license be broadly written to include all of our nuclear-designed control valves and valve components—as well as all associated operation and maintenance technology or technical assistance—without any limits in terms of value or quantity. Our proposed license expiration date of September 30, 2022, is based on our expectation of our ongoing support of Chalk River. We currently have an order with Contro Valve, SO 693276 and valued at \$1,000,000. Please note that although this order consists only of components, we anticipate that future orders will include both valves and components estimated value between \$1,000,000 and \$2,000,000 over the next 5-10 years. We currently have no firm orders other than the mentioned above. As indicated by the dates listed in blocks 5 & 7, we unfortunately are behind schedule on the delivery of these components.