

NRC FORM 7  
(6-2006)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

**APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL***(See Instructions on Page 5)*

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 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@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.

<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 11-7-06
LICENSE NUMBER I W 000	DOCKET NUMBER 11005660	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.)

1. NAME AND ADDRESS OF APPLICANT/LICENSEE AREVA NP Inc. 2101 Horn Rapids Road Richland, WA 99354		1a. NAME OF APPLICANT'S CONTACT D.L. Noss	1b. APPLICANT'S REFERENCE NUMBER DLN:06:069
		1c. PHONE NUMBER (509) 375-8380	1d. FAX NUMBER (509) 375-8707
		1e. E-MAIL ADDRESS dan.noss@areva.com	
2. TYPE OF NRC LICENSE REQUESTED (Check One)			
<input type="checkbox"/> EXPORT (Parts B, C, E) <input checked="" type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number:			
3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE 12/01/2006	5. LAST SHIPMENT DATE 12/31/2016	6. PROPOSED EXPIRATION DATE 12/31/2017

**PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED 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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) RECEIVED OIP 06 NOV -7 AM 7:51	
7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED	8a. INTERMEDIATE USE(S)	9a. ULTIMATE END USE(S)	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <i>70020</i>	DOCKET NUMBER <i>11005660</i>	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED 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  <i>Zircotec Precision Industries 200 Dorset Street East Port Hope, Ontario L1A3V4 Canada</i>  <i>and Cameco Corporation 1 Eldorado Place Port Hope, Ontario L1A3A1 Canda</i>	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)  <i>Same as Block 1 above.</i>	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)  <i>XSNM03471</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)  <i>XSNM03471 expires 12/31/2017</i>	
	13b. INTERMEDIATE USE(S)	14b. INTERMEDIATE USE(S)  <i>See Page 3</i>	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES  <i>Returned contaminated shipping container packing material. Additional information provided on Page 3.</i>	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  <i>5,000 KgU</i>	15b. MAX ENRICHMENT OR WGT %  <i>1.20%</i>	15c. MAX ISOTOPE WGT (KG)  <i>60 Kg U235</i>

16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

*Canadian, Australian, Russian or Euratom in various percentages*

**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 checked="" type="checkbox"/> NO	
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  <i>D.L. Noss, Material Control &amp; Accounting</i>	18b. SIGNATURE - AUTHORIZED OFFICIAL  <i>D. L. Noss</i>	18c. DATE  <i>10/31/06</i>

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER 70020	DOCKET NUMBER 11005660	ADAMS ACCESSION NUMBER	<input 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)

**Block 14b.**

Ultimate Disposition - The packing materials originated in Richland as required inserts within AREVA owned shipping containers and are being returned as part of the return shipments of empty AREVA shipping containers to AREVA from its customer. The returned packing materials are being dispositioned as Richland wastes. As such, no special arrangements with the Northwest Interstate Compact are necessary.

Once the contaminated packing material is returned to AREVA, it may be buried at U.S. Ecology in Richland, WA, or incinerated. If incinerated, the ash may be buried at U.S. Ecology or processed to recover the contained uranium. If the ash is processed to recover the contained uranium, the waste products will be buried at U.S. Ecology or Energy Solutions in Clive, Utah depending on the characteristics of the waste residues.

**Block 15**

Up to 1,000, 55 gallon drums containing up to 20,000 kgs of packing material for a total weight and volume including the weight of the drums of 40,000 kgs and 7,500 cubic feet. The 20,000 kgs of packing material may be contaminated with up to a total of 5,000 kgs of uranium enriched to 1.20% containing up to 60 kgs of U235.

Classification (according to 10 CFR 61.55) - Class A Waste

Physical and Chemical Characteristics - Packing material contaminated with UO<sub>2</sub> Powder, to a maximum enrichment of 1.20%. Contaminated material will be packed into 55 gallon drums.

Route of Transit - Shipments will originate at Zircotec Precision Industries, in Port Hope, Ontario, Canada. [REDACTED] From the U.S. entry point, the transports will continue west to their destination at the AREVA NP Inc. facility in Richland, Washington.

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October 31, 2006  
DLN:06:069

U.S. Nuclear Regulatory Commission  
Attn: Ms. Janice Dunn Lee, Director  
Office of International Programs  
Mail Stop 04E21  
Washington, DC 20555

Dear Ms. Dunn Lee:

Enclosed is a request for the NRC to review the activity as described below and in the enclosed Form 7 and to either issue a specific radioactive waste import license or an exemption in accordance with the provisions of 10 CFR 110.10 from the requirement for a specific license to import radioactive waste.

AREVA NP Inc. has entered into an agreement with Cameco Corporation to supply low enriched  $UO_2$  powder to Zircotec Precision Industries in Canada. This agreement is for the next ten years including the potential for contract extensions and a total of over 4,300 metric tons of uranium is to be shipped from and to Canada. Cameco will ship enriched  $UF_6$  and drums of natural  $UO_2$  powder to AREVA. AREVA will convert the enriched  $UF_6$  to enriched  $UO_2$  powder and then will blend that powder with the natural  $UO_2$  powder to form an approximate 1% enriched blended powder, which will be shipped back to Canada.

The natural  $UO_2$  powder from Canada will be received at AREVA in drums with liners. AREVA will extract the natural uranium and return the barrels and liners to Cameco in Canada. This activity is covered under a currently pending export license application (XSNM03471). After the natural and enriched powders are blended to the correct enrichment, the blended  $UO_2$  powder will be placed into drums with liners. The drums will be placed into licensed overpacks for shipment to Zircotec in Canada. At Zircotec the enriched  $UO_2$  will be removed from the AREVA owned shipping containers and the containers and liners will be returned to AREVA. The same number of liners being sent back to Canada will also likely be sent back from Canada to AREVA for disposition. It is for the return of the contaminated liners that we are seeking review by NRC for an exemption from the requirement for a specific radioactive waste import license, or issuance of such an import license. The enclosed Form 7 is being provided in support of this request.

Authorization for Payment by Credit Card in the amount of \$8,100.00 is enclosed to cover the cost of the import license or the review costs to support the requested exemption, with any overpayment being credited or returned to AREVA.

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AREVA NP INC.  
An AREVA and Siemens company

Ms. Janice Dunn Lee  
October 31, 2006

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If you have any questions, please contact me at (509) 375-8380.

Very truly yours,



D. L. Noss  
Supervisor, MC&A

Enclosure

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