


APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT

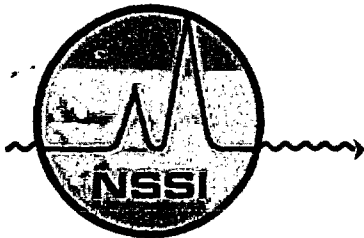
(See Instructions on Reverse)

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 Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (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.

1. APPLICANT'S USE		a. DATE OF APPLICATION 02/23/06		b. APPLICANT'S REFERENCE		2. NRC USE		a. DOCKET NUMBER 1100.5605		b. LICENSE NUMBER XP001314			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier)							
a. NAME NSSI						a. NAME							
b. STREET ADDRESS (Facility Site) 5711 ETHERIDGE STREET						b. STREET ADDRESS							
c. CITY HOUSTON			d. STATE TX		e. ZIP CODE 77087		c. CITY rdgallagher@nssihouston.com			d. STATE e. ZIP CODE			
f. TELEPHONE NUMBER 713-641-0391		g. FAX 713-641-6153		h. E-MAIL rdgallagher@nssihouston.com		c. CITY		d. STATE		e. ZIP CODE			
5. FIRST SHIPMENT SCHEDULED 05/01/06		6. FINAL SHIPMENT SCHEDULED 12/31/06		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE 05/01/06		9. CONTRACT NO. N/A					
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name) RETURN OF MATERIAL TO ORIGINAL VENDOR							
a. NAME ATTN: PEGGY HIRST RSO SHIELD SOURCE INCORPORATED						11a. DATE REQUIRED							
b. STREET ADDRESS (Facility Site) RR#5 MUNICIPAL AIRPORT						13. INTERMEDIATE END USE NONE							
c. CITY PETERBOROUGH, ONTARIO			d. COUNTRY CANADA			13a. DATE REQUIRED							
12. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE NONE							
a. NAME NONE						15a. DATE REQUIRED							
b. STREET ADDRESS (Facility Site)													
c. CITY			d. COUNTRY										
14. INTERMEDIATE FOREIGN CONSIGNEE													
a. NAME NONE													
b. STREET ADDRESS (Facility Site)													
c. CITY			d. COUNTRY										
16. COM CODE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WEIGHT		21. UNIT	
		HYDROGEN 3 (TRITIUM) ABSORBED ON DEPLETED URANIUM BED IN TYPE B (u) 3605D TRANSPORT CONTAINER				5.08 GRAM HYDROGEN GAS		98%		5 GRAM HYDROGEN 3 (TRITIUM) GAS		GRAM	
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE (Use separate sheet if necessary) NONE													
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)													
24. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations; and that all information in this application is correct to the best of his/her knowledge.													
25. AUTHORIZED OFFICIAL		a. SIGNATURE 				b. TITLE PRESIDENT NSSI							

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NSSI/SOURCES & SERVICES, INC.

P.O. BOX 34042 HOUSTON, TEXAS 77234
PH: (713) 641-0391 www.nssihouston.com FAX: (713) 641-6153

February 23, 2006

Attn: Steve Denbeck
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

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Dear Mr. Denbeck:

After discussing the Tritium importation from Canada with you, I spent some additional hours reading through 10CFR 110.

You had indicated that importation of the Tritium did not require a specific import permit as such import could be accomplished under the general licensure authorized by 110.20 and 110.27 for persons holding current specific licensure from NRC or an agreement state for the byproduct materials being imported.

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NSSI's application dated February 17, 2006 was for both import and export. The import was to be able to receive 50,000 curies of Tritium in not more than 6 shipments contained within Type B transport containers that have the Tritium absorbed on a depleted uranium Mark IV bed. The export was to allow the return of the transport container to Canada should NSSI not be able to remove the Tritium from the transport container in case of a mechanical malfunction and to be able to return the "empty" container after unloading the Tritium. (An "empty" container after unloading retains hundreds of Curies of Tritium).


Section 110.23 (6) limits export shipments to Canada under the general license provision to less than 40 Curies per item, less than 100 Curies per shipment, and less than 10,000 Curies per year. As NSSI would certainly be exporting greater than 40 curies as retained Tritium in each "empty" transport container returned to Canada, and potentially greater than 1000 Curies per shipment in case of the return of a full malfunctioning transport container and potentially greater than 10,000 Curies per year with the multiple shipments, it would appear that NSSI needs an export permit.

I have therefore attached a Form 7 to replace the letter application dated February 17, 2006. The Form 7 is requesting a permit for export only.

I am still not certain as to the fee that is due for this export permit. NSSI submitted a company check in the amount of \$1300.00 with the original application. Please utilize the same check as payment for this Form 7 export application. If the amount is incorrect, please advise.

If I am in error in my interpretation of the regulations or you need additional information in order to proceed with issuance of an export permit, please advise at your earliest convenience. I can be reached at 713 641-0391.

Sincerely,


Robert D. Gallagher
President

RDG/vla
Ref. #0223602.let
Rdg 02236A1

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