

# 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](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.

1. APPLICANT'S USE		a. DATE OF APPLICATION 12/07/05		b. APPLICANT'S REFERENCE		2. NRC USE		c. DOCKET NUMBER 1105573		d. LICENSE NUMBER XCOM1180					
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier)									
a. NAME IMAGING & SENSING TECHNOLOGY CORP.						a. NAME									
b. STREET ADDRESS (Facility Site) 300 1ST CENTER						b. STREET ADDRESS									
c. CITY HORSEHEADS		d. STATE NY		e. ZIP CODE 14845-1017		b. STREET ADDRESS									
f. TELEPHONE NUMBER 607-562-4360		g. FAX 607-562-4482		h. E-MAIL Khealy@istcorp.com		c. CITY		d. STATE		e. ZIP CODE					
5. FIRST SHIPMENT SCHEDULED JANUARY 2006		6. FINAL SHIPMENT SCHEDULED DECEMBER 2006		7. APPLICANT'S CONTRACTUAL DELIVERY DATE DECEMBER 2005		8. PROPOSED LICENSE EXPIRATION DATE 2006		9. CONTRACT NO.							
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)									
a. NAME CNEIC / TQNPC QINSHAN CANDU PROJECT						QINSHAN UNIT 1#2 TANGLANGSHAN, HAIYAN COUNTY ZHEJIANG, SHANGHAI PEOPLE'S REPUBLIC OF CHINA									
b. STREET ADDRESS (Facility Site) HAIYAN, ZHEJIANG						11a. DATE REQUIRED									
c. CITY						13. INTERMEDIATE END USE									
d. COUNTRY CHINA						SALES OFFICE									
12. INTERMEDIATE FOREIGN CONSIGNEE						13a. DATE REQUIRED									
a. NAME IST CANADA						15. INTERMEDIATE END USE									
b. STREET ADDRESS (Facility Site) 465 DOBBIE DRIVE						15a. DATE REQUIRED									
c. CITY CAMBRIDGE, ONTARIO						2005 DEC 12 AM 8:50 RECEIVED OFF									
d. COUNTRY CANADA															
14. INTERMEDIATE FOREIGN CONSIGNEE															
a. NAME															
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			
		ION CHAMBER TO BE INSTALLED IN QINSHAN UNIT 1#2 CANDU NUCLEAR POWER PLANTS. ALSO HISTORY FILE MANUALS.													
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE (Use separate sheet if necessary)															
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 Kathleen M. Neely								b. TITLE SALES COORDINATOR	

## U.S. NUCLEAR REGULATORY COMMISSION

### INSTRUCTIONS FOR PREPARATION OF APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT, NRC FORM 7

One signed, original of NRC Form 7 must be submitted by the applicant to the Deputy Director, Office of International Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or delivered in person to the Commission's Offices at 11555 Rockville Pike, Rockville, Maryland. Except for the shaded areas, all applicable items on this form should be completed, to the extent the information is available at the time the application is submitted.

An applicant for an export license must make full disclosure of all recipients of the proposed export so that a decision on the application may be made with full knowledge of all relevant facts. The name(s) and address(es) of the plant, facility, firm, or location where the material may be handled, stored, converted, or fabricated and where the material ultimately will be used, together with precise facts concerning the use that will be made of the items to be exported by each intermediate and ultimate consignee must be stated. The materials or equipment to be exported must be fully and accurately described in detail. If more space is needed, attach an additional sheet of paper.

The following is excerpted from the Nuclear Regulatory Commission regulations prescribing procedures and standards for the export and import of nuclear equipment and nuclear material. For the complete codification of NRC's export and import regulations, applicants for licenses should refer to Title 10 of the Code of Federal Regulations, Chapter 1, Part 110.

#### **§ 110.31 Application for a specific license**

(a) A person shall file an application for a specific license to export or import with the Deputy Director, Office of International Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. The application may be delivered to the Commission's Offices at 11555 Rockville Pike, Rockville, Maryland 20852.

(b) An application for a specific license to export or import must be accompanied by the appropriate fee in accordance with the fee schedule in §170.21 and §170.31 of this chapter. A license application will not be processed unless the specified fee is received.

(c) A license application should be filed on NRC Form 7, except that an import license application and a production or utilization facility export license application should be filed by letter.

(d) Each person shall provide in the license application, as appropriate, the information specified in §110.32. The Commission also may require the submission of additional information if necessary to complete its review.

(e) An application may cover multiple shipments and destinations.

(f) The applicant shall withdraw an application when it is no longer needed. The Commission's official files retain all documents related to a withdrawn application.

#### **§110.32 Information required in license applications for a specific license/NRC Form 7.**

(a) Name, address, telephone, FAX, and E-mail of applicant.

(b) Name and address of supplier of equipment or material.

(c) Associated foreign obligations by country and percentages.

(d) Names and addresses of all intermediate and ultimate consignees, other than intermediate consignees performing shipping services only.

(e) Dates of proposed first and last shipments.

(f) Description of the equipment or material including, as appropriate, the following:

(1) Maximum quantity of material in grams or kilograms (curies for byproduct material) and its chemical and physical form.

(2) For enriched uranium, the maximum weight percentage of enrichment and maximum weight of contained U-235.

(3) For nuclear equipment, total dollar value.

(4) For nuclear reactors, the name of the facility and its design power level.

(5) For proposed exports or imports of radioactive waste, and for proposed exports of incidental radioactive material, the volume, classification (as defined in §61.55 of this chapter), physical and chemical characteristics, route of transit of shipment, and ultimate disposition (including forms of management) of the waste.

(6) For proposed imports of radioactive waste—the industrial or other process responsible for generation of the waste, and the status of the arrangements for disposition, e.g., any agreement by a low-level waste compact or State to accept the material for management purposes or disposal.

(7) Description of end use by all consignees in sufficient detail to permit accurate evaluation of the justification for the proposed export or import, including the need for shipment by the dates specified.



Sensing Systems Group  
300 IST Center  
Horseheads, NY 14845-1017

X Com 1180  
11005593

December 7, 2005

Ms. Margaret Doane  
U.S. Nuclear Regulatory Commission  
Office of International Programs, Room O-4E21  
11555 Rockville Pike  
Rockville, MD 20852

SUBJECT: Application for an Export License  
Reference: XCOM 1129

Dear Ms. Doane:

Enclosed please find the IST application for an Export License as well as the remittance check, Check Number 141602, in the amount of \$2,400.00. This is a replacement license for XCOM 1129 which expired in September. I was also informed that the Intermediary consignee on XCOM 1129 is no longer in existence.

Should you have any questions please contact me at (607) 562-4360, fax (607) 562-4482 or e-mail at [khealy@istcorp.com](mailto:khealy@istcorp.com)

Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads 'Kathleen M. Healy'.

Kathleen M. Healy  
Sales Coordinator  
Sensing Systems Group

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