

NRC FORM 7 (8-2007) 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, 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 DEC 17 2010 <i>Rec'd JC</i>			
LICENSE NUMBER XMAT 415		DOCKET NUMBER 11005907		ADAMS ACCESSION NUMBER			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS (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 LINDE ELECTRONICS AND SPECIALTY GASES, A DIVISION OF LINDE GAS NORTH AMERICA LLC. 575 MOUNTAIN AVE MURRAY HILL NJ 07974		1a. NAME OF APPLICANT'S CONTACT REBECCA DABKOWSKI		1b. APPLICANT'S REFERENCE NUMBER			
		1c. PHONE NUMBER (908) 329-9742		1d. FAX NUMBER (908) 329-9740			
		1e. E-MAIL ADDRESS REBECCA.DABKOWSKI@LINDE.COM					
2. TYPE OF ACTION REQUESTED (Check One) <input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) <input 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 03/01/2010		5. LAST SHIPMENT DATE 03/30/2015		6. PROPOSED EXPIRATION DATE 12/31/2015	
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 SEE ADDITIONAL INFORMATION		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) SEE ADDITIONAL INFORMATION		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) SEE ADDITIONAL INFORMATION			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED FORWARDER/CARRIER		8a. INTERMEDIATE USE(S) WAREHOUSE/RESALE		9a. ULTIMATE END USE(S) SEE ADDL INFORMATION			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT 2H2/D2, DEUTERIUM GAS, ISOTOPE OF HYDROGEN		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 1 MOLE= 0.004032 KG & 5988 L/KG GAS (TOTAL VOL IN ADDL INFO)		10b. MAX ENRICHMENT OR WGT % 99.99%		10c. MAX ISOTOPE WGT (KG) N/A	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)				DEC 17 2010 <i>Rec'd JC</i>			

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

LICENSE NUMBER XMAT415	DOCKET NUMBER 11005907	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 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	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)		
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	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 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 REBECCA DABKOWSKI EXPORT COMPLIANCE NORTH AMERICA	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Rebecca Dabkowski</i>	18c. DATE 11/03/2010

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JC

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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

BLOCK 7 - FREIGHT FORWARDER/CARRIERS

KARR ELLIS & COMPANY, INC 1975 LINDEN BLVD, SUITE 205 ELMONT NY 11003 TEL: 347 632 1500 FAX: 516 285 4131	DISTRIBUTION BY AIR 701 COTTONTAIL ROAD SOMERSET NJ 08873 TEL: 888 573 3030 FAX: 732 764 6860	PILLAR-TRANS LLC 533 DIVISION ST ELIZABETH NJ 07201 TEL: 908 629 2223 FAX: 908 629 1005	ATWIN LOGISTICS CO LTD JAEYEONG B/D, 678-10 DEUNGCHONG-DONG KANGSEO-KU, SEOUL KR TEL: 82 (0)2 3665-5598 FAX: 82 (0)2 3665-5772
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BLOCK 8 - FOREIGN WAREHOUSES

EO TECHNICS CO LTD. 864-4 GWANYANG-DONG DONG-AN-GU ANYANG-SI GYEONGGI-EDO KOREA	EO TECHNICS CO LTD 2-4 SAN 56-3 SEOKCHEON RI UJEONG-EUPG, HWASEONG-SI GYEONGGI-DO KOREA
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BLOCK 8a - RESALE OF DEUTERIUM AND DEUTERIUM BLENDS IN NITROGEN PURCHASED FROM LINDE GAS NORTH AMERICA.

BLOCK 9 - ULTIMATE FOREIGN CONSIGNEE

SAMSUNG ELECTRONICS CO LTD SAN 24, NONGSEO-DONG GIHEUNG-GU, YONGIN-SI GYEONGGI-DO KOREA	SAMSUNG ELECTRONICS CO LTD SAN 16, BANWOL-DONG HWASUNG-SI GYEONGGI-DO KOREA
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BLOCK 9a - END USER IS USING THE MIXTURES TO PROCESS FIBER OPTIC CABLE WHICH DISPLACES ANY MOISTURE AND INCREASES BANDWIDTH IN THE CABLE AND/OR BACK END ANNEALING PROCESS FOR SEMICONDUCTOR CHIPS.

TOTAL D2 REQUIRED/YEAR = 3,000,000 LT OR 501 KG. TOTAL REQUESTED FOR LICENSE PERIOD OF 5 YRS = 15,000,000 LT OR 2505 KG.

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