

NRC FORM 7 (3-94) 10 CFR 110			U.S. NUCLEAR REGULATORY COMMISSION			APPROVED BY OMB: NO. 3150-0027 EXPIRES: 3-31-97			ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 1.7 HOURS. THIS MANDATORY SUBMITTAL IS REVIEWED TO ENSURE THAT THE APPLICABLE STATUTORY, REGULATORY, AND POLICY CONSIDERATIONS ARE SATISFIED. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-8 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.						
APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT <i>(See Instructions on Reverse)</i>															
1. APPLICANT'S USE ----->		2. DATE OF APPLICATION		3. APPLICANT'S REFERENCE		2. NRC USE ----->		3. DOCKET NUMBER		4. LICENSE NUMBER					
		JAN 14, 2000		7572				11085488		XSNM03136					
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS									
a. NAME						a. NAME									
GAMMA-METRICS						<i>(Complete if applicant is not supplier of material)</i>									
b. STREET ADDRESS (Facility Site)						b. STREET ADDRESS									
5788 PACIFIC CENTER BOULEVARD															
c. CITY			d. STATE		e. ZIP CODE			c. CITY			d. STATE		e. ZIP CODE		
SAN DIEGO			CA		92121										
f. TELEPHONE NUMBER (Area Code - Number - Extension)						g. CITY						d. STATE		e. ZIP CODE	
(858) 450-9811 x356															
6. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If known)							
3/20/2000		8/20/2000		3/26 & 8/26		3/31/2001		C-99-nyga-0132 with Korea electric power							
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE									
a. NAME						a. NAME									
Korea Electric Power Corporation						Fission chamber detectors for replacement nuclear instrument systems for Younggwang Units 1 and 2									
b. STREET ADDRESS (Facility Site)						11a. DATE REQUIRED									
167 Samsung Dong, Kangnam-Gu															
c. CITY			d. COUNTRY			13. INTERMEDIATE END USE									
SEOUL 6 135-791			KOREA			NONE									
12. INTERMEDIATE FOREIGN CONSIGNEE						13a. DATE REQUIRED									
a. NAME						15. INTERMEDIATE END USE									
NONE						NONE									
b. STREET ADDRESS						15a. DATE REQUIRED									
						16. INTERMEDIATE END USE									
c. CITY						NONE									
d. COUNTRY						16a. DATE REQUIRED									
14. INTERMEDIATE FOREIGN CONSIGNEE						16. INTERMEDIATE END USE									
a. NAME						NONE									
NONE															
b. STREET ADDRESS (Facility Site)															
c. CITY															
d. COUNTRY															
18. COM CODE	17. DESCRIPTION					18. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT						
	<i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i> Ten (10) fission chambers, each containing 3.8 gms of enriched Uranium. The fission chambers are used in detectors as part of the reactors neutron flux monitoring system with two chambers per detector assembly. This license will be for a total of five detectors. Each detector has an approx. value of \$100,000.					Total for all five detectors is 38 gms.	94%	36 gms of U-235	gms						
22. COUNTRY OF ORIGIN -- SOURCE MATERIAL			23. COUNTRY OF ORIGIN -- SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If known)									
USA			USA												
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION <i>(Use separate sheet if necessary)</i>															
GAMMA-METRICS requests expedited review and processing due to the short delivery time required by the end user.															
26. 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.															
27. AUTHORIZED OFFICIAL		a. SIGNATURE				b. TITLE									
		Robert E. Basso 1/14/00				Program Manager									

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