

APPLICATION FOR LICENSE TO EXPORT NUCLEAR  
MATERIAL AND EQUIPMENT

(See Instructions on Reverse)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS  
INFORMATION COLLECTION REQUEST: 1 HOUR. FORWARD  
COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION  
AND RECORDS MANAGEMENT BRANCH (MMRB 7714), U.S.  
NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555,  
AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027),  
OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

1. APPLICANT'S USE		a. DATE OF APPLICATION January 27, 1997		b. APPLICANT'S REFERENCE		2. NRC USE		c. DOCKET NO.		d. LICENSE NO.			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME GAMMA-METRICS						a. NAME							
b. STREET ADDRESS 5788 PACIFIC CENTER BLVD.						b. STREET ADDRESS							
c. CITY SAN DIEGO				STATE CA		ZIP CODE 92121		c. CITY					
d. TELEPHONE NUMBER (Area Code - Number - Extension) (619) 450-9811						STATE		ZIP CODE					
5. 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)					
3/31/97		9/2002		4/30/97		12/2002		KH962KB392 with Korea Electric Power Corp.					
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE							
a. NAME Korea Electric Power Corporation						Fission chamber detectors for							
b. STREET ADDRESS (Facility Site) 167 SAMSUNG-DONG, KANGNAM GU						replacement Nuclear Instrument							
c. CITY SEOUL				d. COUNTRY KOREA		systems in Kori 3&4.							
12. INTERMEDIATE FOREIGN CONSIGNEE						11a. DATE REQUIRED							
a. NAME NONE						13. INTERMEDIATE END USE							
b. STREET ADDRESS (Facility Site)						NONE							
c. CITY				d. COUNTRY		13a. DATE REQUIRED							
14. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE							
a. NAME NONE						NONE							
b. STREET ADDRESS (Facility Site)						15a. DATE REQUIRED							
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	
		Fourty (40) fission chambers, each containing 3.8 gms of enriched uranium. The fission chambers we used in detectors as part of the reactor's Nuclear Instrumentation System, with two chambers per detector. This license application is for five detectors in the current contract and fifteen for anticipated near-term sales. Each detector has a value of approx. \$100,000.				Total for all detectors is 153 gm		94%		143		gm	
22. COUNTRY OF ORIGIN-- SOURCE MATERIAL				23. COUNTRY OF ORIGIN--ENR WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
N/A				USA									
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) GAMMA-METRICS REQUESTS EXPEDITED REVIEW AND PROCESSING DUE TO 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 Robert E. Barnes				b. TITLE PROJECT MANAGER					

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JUN 20 1997  
NRC



GAMMA-METRICS

5788 PACIFIC CENTER BLVD.  
SAN DIEGO, CA 92121  
(619) 450-9811

TELEFAX (619) 452-9250  
TELEX 5101011912

January 27, 1997

Mr. Ronald Hauber, Director  
United States Nuclear Regulatory Commission  
Office of International Programs, MS-03H5  
11555 Rockville Pike  
Rockville, MD 20852

Dear Mr. Hauber,

This letter transmits our application for a license to export Special Nuclear Material to the Korea Electric Power Corporation; a check for \$3,000 is included with the application form.

Due to the relatively quick delivery time required by the end user, I am requesting expedited review and processing so that we can receive our license by March 31, 1997. If you view this processing time to be too short, even for expedited processing, please let me know. If GAMMA-METRICS must reschedule shipments to our customer, I need to inform them and seek their permission for a new date as soon as possible.

Thank you for your assistance.

Sincerely yours,

James D. Simpson  
Sales & Programs Manager, SI

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