

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		a. DOCKET NO. [REDACTED]		b. LICENSE NO. [REDACTED]			
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 (Include plant or facility name)							
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						13. INTERMEDIATE END USE							
a. NAME NONE						NONE							
b. STREET ADDRESS (Facility Site)						13a. DATE REQUIRED							
c. CITY				d. COUNTRY		15. INTERMEDIATE END USE							
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.—SNM WHERE ENRICHED OR PRODUCED		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)									
N/A		USA		[REDACTED]									
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.													
RECEIVED OIP													
9702040162 970127 PDR EXPORT XSNM-1961 PDR OFFICIAL													
b. TITLE PROJECT MANAGER													