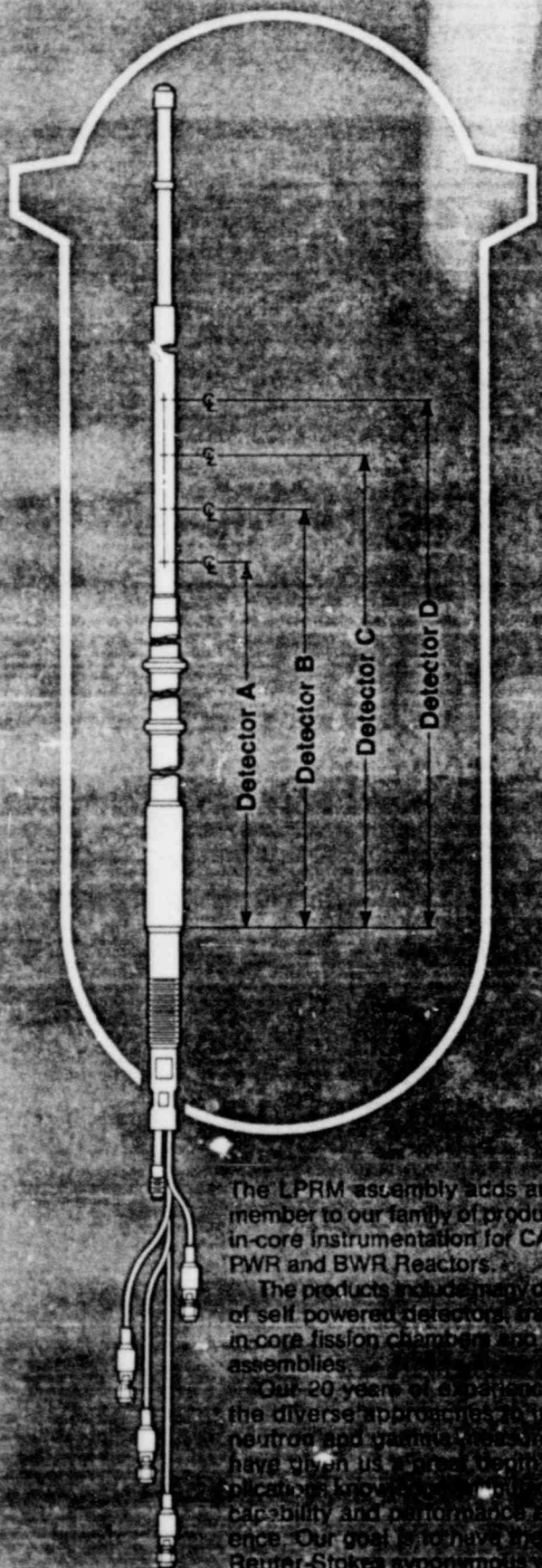


APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT (See Instructions on Reverse)

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1. APPLICANT'S USE		a. DATE OF APPLICATION 5-13-80		b. APPLICANT'S REFERENCE RIS		2. NRC USE		a. LICENSE NO. XCOMO 403		b. DOCKET NO. 1150 2063	
3. APPLICANT'S NAME AND ADDRESS a. NAME REUTER-STOKES, INC. b. STREET ADDRESS 18530 SOUTH MILES PARKWAY c. CITY CLEVELAND STATE OHIO ZIP CODE 44128 d. TELEPHONE NUMBER (Area Code - Number - Extension) 216-475-3434						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) RIS a. NAME 1500 EAST 14th Pl b. STREET ADDRESS STAMPOUT c. CITY INTERNAT'L SFGRS STATE ZIP CODE					
5. FIRST SHIPMENT SCHEDULED 12 months after order receipt		6. FINAL SHIPMENT SCHEDULED Same as 5		7. APPLICANT'S CONTRACTUAL DELIVERY DATE Same as 5		8. PROPOSED LICENSE EXPIRATION DATE 1 year from date of issuance		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)			
10. ULTIMATE CONSIGNEE a. NAME GOVERNMENT OF INDIA b. STREET ADDRESS DEPT. OF ATOMIC ENERGY 3rd Floor c. CITY - STATE - COUNTRY Bombay, India 400 001				11. ULTIMATE END USE (Include plant or facility name) TARAPUR REACTOR INDIA IN-CORE NEUTRON FLUX MONITORING							
12. INTERMEDIATE CONSIGNEE a. NAME NONE b. STREET ADDRESS c. CITY - STATE - COUNTRY				13. INTERMEDIATE END USE NONE 13a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE a. NAME NONE b. STREET ADDRESS c. CITY - STATE - COUNTRY				15. INTERMEDIATE END USE NONE 15a. EST. DATE OF FIRST USE							
16. NRC USE		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 WT.	21. UNIT	
		15 pcs. RS-C6-1100 LPRM (Local Power Range Monitor) assembly for in-core flux mapping in a BWR. For all 15 pcs. there are 0.082 gms of elemental U-235. Therefore, this application is for a component license only since the quantity of U-235 is less than 3gms.				N/A		N/A	N/A		
22. COUNTRY OF ORIGIN - SOURCE MATERIAL USA				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED USA				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)			
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) See attached data sheet 9.12											
8005230581											
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 Joseph D. Skarup <i>Joseph D. Skarup</i>				b. TITLE Sales Manager			

THIS DOCUMENT CONTAINS POOR QUALITY PAGES



The LPRM assembly adds another member to our family of products for in-core instrumentation for CANDU, PWR and BWR Reactors.

The products include many designs of self-powered detectors, traveling in-core fission chambers and LPRM assemblies.

Our 20 years of experience with the diverse approaches to in-core neutron and gamma measurement have given us a broad depth of applications knowledge, engineering capability and performance experience. Our goal is to have the name Reuter-Stokes synonymous with in-core radiation measurement.

# RS-C6-1100 Local Power Range Monitor (LPRM) Assembly

For  
use in your  
General Electric Company  
Design BWR

The RS-C6-1100 is Reuter-Stokes' proven LPRM assembly which is electrically and mechanically interchangeable with the General Electric Company design for BWR core instrumentation.

The assembly including fission chambers, calibration tube, plunger, seal plug and gland is to the exact dimensions required for direct replacement in the core support structure of all BWR reactors using standard removal and replacement procedures.

Reuter-Stokes has extensive experience in the design and manufacture of miniature fission chambers of the type used in the LPRM assembly. Features incorporated into the design are based on our experience as well as the need to provide an interchangeable unit. In addition the design has been thoroughly tested in BWR operation.

State of the art welding and ceramic to metal bonding is used throughout the detector manufacture. Particular care has been taken in the design and manufacture of the seal between detector and detector lead cable.

Design of the Reuter-Stokes' LPRM conforms to the ASME Boiler and Pressure Vessel Code. Manufacture and testing is to meet the requirements of Class 1E Safety Related Nuclear Instrumentation. The company is listed as a qualified supplier in the U.S. register of the Coordinating Agency for Supplier Evaluation (CASE) and the USNRC report on License Contractor and Vendor Inspection Status.

