

RSN/A-1288
70-3834
5-965
I.C. 02145
mic 78-075

APPLICATION FOR LICENSE TO EXPORT
BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL

Submit in Triplicate

Carefully Read Instructions on Back

1 DATE OF APPLICATION March 14, 1978	2 APPLICANT'S REFERENCE NO (if any) Q-5527	3 COUNTRY OF ULTIMATE DESTINATION Pakistan
4 NAME OF APPLICANT Reuter-Stokes, Inc. STREET ADDRESS 18530 S. Miles Parkway CITY, STATE, AND ZIP CODE Cleveland, Ohio 44128		5 ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) Pakistan Institute of Nuclear Science and Technology Post Office Nilore Rawalpindi (Pakistan)
6 INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.") Same		7 IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS (If same, state "Same.") Same
8 (a) QUANTITY TO BE SHIPPED (See instructions on back) 143.2 mg uranium in UO ₂ coating of 1 radiation detector	(b) COMMODITY DESCRIPTION (Include chemical and physical form for special nuclear material and byproduct material also specify isotopic content; if in a device, identify the device, manufacturer, and model number.) Reuter-Stokes Model RS-P6-0805-134 radiation detector Chemical Form - UO ₂ Total Uranium - 143.2 mg enriched 93% in U-235 Total Isotopic Wt. - 133.1 mg.	

(c) SHIPPING AND PACKING PROCEDURES (Required for special nuclear material. See instructions on back.)

9 END USE OF COMMODITIES COVERED BY THIS APPLICATION: (Describe fully, stating what will be produced or manufactured, how service will be rendered, or the nature of the research that will be performed.) (See instructions on back for special nuclear material.)

See End Use Statement attached.


10 The applicant, and any official executing this certificate on behalf of the applicant named in Item 4, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 30 (if for byproduct material), Part 40 (if for source material), or Part 70 (if for special nuclear material), and Part 71 (for transport of radioactive material, if applicable) and that all information contained herein, including any supplements attached hereto, is true and correct to the best of their knowledge and belief

8911030076 891031
PDR FOIA
KELLERB9-457 PDR

RECEIVED RECEIVED
U.S. NRC U.S. NRC

Reuter-Stokes, Inc.

(Applicant named in Item 4)

By: 
Thomas B. Fleming
Vice President - Marketing

(Title of certifying official authorized to act on behalf of the applicant)

1978 MAR 16 1978 MAR 18 2 PM 32



Pakistan Institute of Nuclear Science & Technology

GRAMS : PINSTECH
PHONE : 0111-0111-42012

POST OFFICE NIL
RAWALPINDI
(PAKISTAN)

Ref. No. PINST-904(2)/78.

Dated March 7, 1978.

RECEIVED

MAR 14 1978

REUTER-STOKES
C PVEI AND

TO WHOM IT MAY CONCERN

We hereby certify to be the end users of Reuter-Stokes Model RS-P6 0805-134 containing 143.2 milligrams of uranium enriched to 93%. This detector will be used for neutron flux measurement in experiments to be conducted around the research reactor PARR located at PINSTECH., Nilore, Rawalpindi.

M. Ashraf Atia

(DR. M. ASHRAF ATIA)
Senior Scientific Officer
Nuclear Engineering Division

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U.S. NRC

1978 MAR 16 PM 3 32

EXPORT/IMPORT
AND
INTERNAL SECURCS

XCOM 206



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DEC 10 1979

Mr. Gerard Helfrich
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Helfrich:

Enclosed please find a letter dated November 15, 1979 from Reuter-Stokes, Inc. withdrawing two license applications for the export of components to Pakistan (XCOM0206 and XCOM0213).

Please mark your records to indicate the withdrawal of these two applications.

Sincerely,

Marvin R. Peterson, Acting Assistant
Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Ltr dtd 11/15/79
(XCOM0206, XCOM0213)

- cc w/enclosure:
- Mr. Holsey G. Handyside, DOE
- Mr. Richard L. Williamson, ACDA/NP/NS
- Ms. Sheila Buckley, DOD
- ✓ Mr. Duane Sewell, DOE
- Mr. Kent Knowles, DOC
- Mr. Robin DeLaBarre, DOS

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POR (1 page)

A/1

reuter stokes

Xcom 0206
11000532

18530 South Milec Parkway, Cleveland, Ohio 44128 U.S.A. • Telephone (216) 475-3434, Telex 98-5253

AND

November 15, 1979

Xcom 0213
11000562

Ms E Hembly
U.S.N.R.C.
7735 Old Georgetown Road
Maryland National Bank Bldg.
Bethesda, Maryland 20555

Reference: Application of Licenses for Pakistan

Dear Elaine:

Please withdraw our two applications:

U-7949 3/8/79 Research Reactor PARR, Rawalpindi, Pakistan

U-8080 3/28/79 " " " "

These two orders have been cancelled. Sorry I overlooked notifying you formally.

Very truly yours,

REUTER-STOKES, INC.

Charlotte Geraghty

Charlotte Geraghty
Export Sales Department

CG

1979 DEC 5 AM 10 11
EXPORT/IMPORT
AND
INTERNATIONAL SERVICES

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U.S. NBC

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAR 20 1979

Mr. Dean Cooper, Acting Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Cooper:

Enclosed please find an application from Reuter-Stokes, Inc. for a license to export components to Pakistan for use in the PARR research reactor.

Before taking action on this license application, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the issuance of the requested license would be inimical to the interests of the United States, including the common defense and security, and whether the proposed export meets the applicable criteria in the Atomic Energy Act as amended by the Nuclear Nonproliferation Act of 1978.

Sincerely,

Gerald G. Oplinger, Assistant Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Appl. dtd 3/8/79
(XCOM0206)

cc w/enclosure:
Mr. Holsey G. Handyside, DOE
Mr. Richard L. Williamson, ACDA/NP/NX
Ms. Sheila Buckley, DOD
Mr. Duane Sewell, DOE ✓
Mr. Lawrence Brady, DOC
Mr. Robin DeLaBarre, DOS

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XCOM 213



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

- APR 04 1979

Mr. Dean Cooper, Acting Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Cooper:

Enclosed please find an application from Reuter-Stokes, Inc.
for a license to export an ionization chamber to Pakistan.

Before taking action on this license application, we would
appreciate your views, in accordance with established procedures
and from the overall perspective of the Executive Branch, as to
whether the issuance of the requested license would be inimical
to the interests of the United States, including the common defense
and security.

Sincerely,

Gerald G. Oplinger
Gerald G. Oplinger, Assistant Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Appl. dtd. 3/28/79
(XCOM0213)

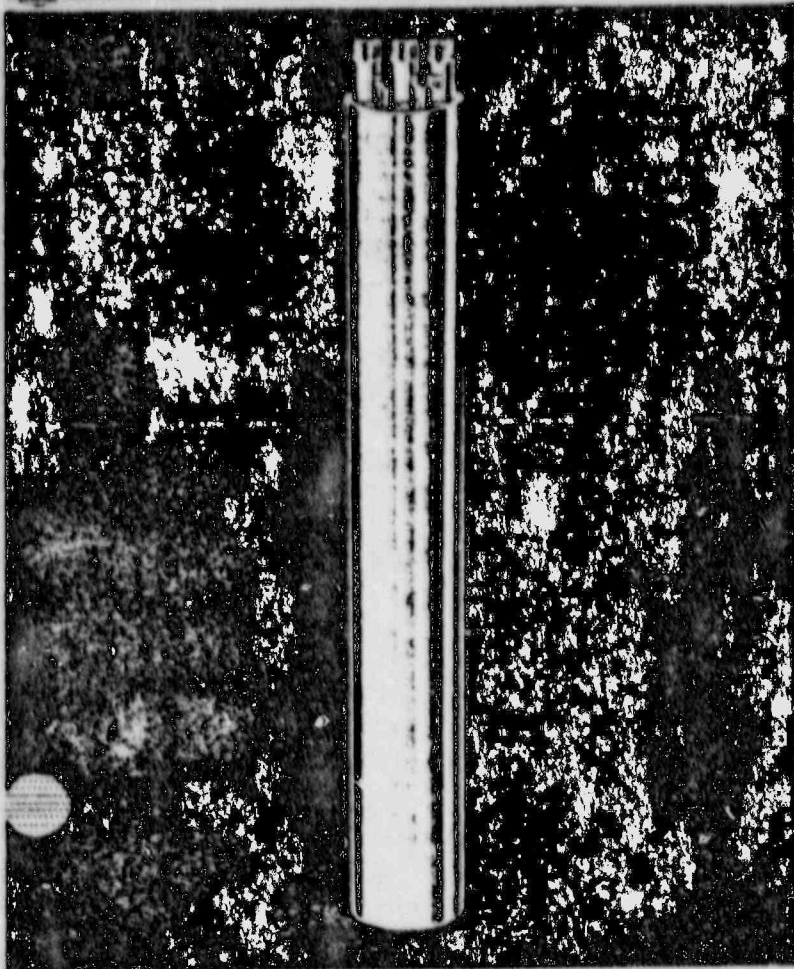
- cc w/enclosure:
- Mr. Holsey G. Handyside, DOE
- Mr. Richard L. Williamson, ACDA/NP/NX
- Ms. Sheila Buckley, DOD
- Mr. Duane Sewell, DOE
- Mr. Lawrence J. Brady, DOC
- Mr. Robin DeLaBarre, DOS

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

1. APPLICANT'S USE USR		2. DATE OF APPLICATION 3-28-79		3. APPLICANT'S REFERENCE U-8080		4. NRC USE XCOMBIS		5. LICENSE NO. 11000962		6. DOCKET NO.			
7. APPLICANT'S NAME AND ADDRESS a. NAME Reuter-Stokes, Inc. b. STREET ADDRESS 18530 So. Miles Parkway c. CITY Cleveland STATE OHIO ZIP CODE 44128 d. TELEPHONE NUMBER (Area Code - Number - Extension) 216-475-3434						8. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) a. NAME b. STREET ADDRESS c. CITY STATE ZIP CODE							
9. FIRST SHIPMENT SCHEDULED 9-28-79		10. FINAL SHIPMENT SCHEDULED 9-28-79		11. APPLICANT'S CONTRACTUAL DELIVERY DATE		12. PROPOSED LICENSE EXPIRATION DATE		13. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)					
14. ULTIMATE CONSIGNEE a. NAME Research Reactor PARR b. STREET ADDRESS Pinstech, Nilore c. CITY - STATE - COUNTRY Rawalpindi, Pakistan						15. ULTIMATE END USE (Include plant or facility name) Research Reactor PARR Pinstech, Nilore Rawalpindi, Pakistan 15a. EST. DATE OF FIRST USE 60 days after receipt							
16. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						17. INTERMEDIATE END USE 17a. EST. DATE OF FIRST USE							
18. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						19. INTERMEDIATE END USE 19a. 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) Reuter-Stokes Model RS-C1-2514-115 Ion Chamber. See data sheet 9-02-18 attached. \$2,758.00				20. MAX. ELEMENT WEIGHT		21. MAX. WT. %		22. MAX. ISOTOPE WT.		23. UNIT	
						DOES NOT APPLY							
22. COUNTRY OF ORIGIN - SOURCE MATERIAL		23. COUNTRY OF ORIGIN - WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) EXPORT/IMPORT INTERNAT'L SFGRDS							
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) 7904090338													
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. Skarupa				b. TITLE Joseph D. Skarupa, Sales Manager					



RS-C1-2514-115 Compensated Ionization Chamber

For
Reactor Control
(Intermediate/Power Range)

The RS-C1-2514-115 is an electrically compensated ionization chamber for measuring thermal neutron flux over the range 2.5×10^2 to 2.5×10^{10} nv. It is designed for use in a mixed neutron and gamma flux where the gamma radiation is a significant portion of total radiation. Under this condition, the gamma current is a large portion of the total ionization current produced in the chamber, and compensation is required.

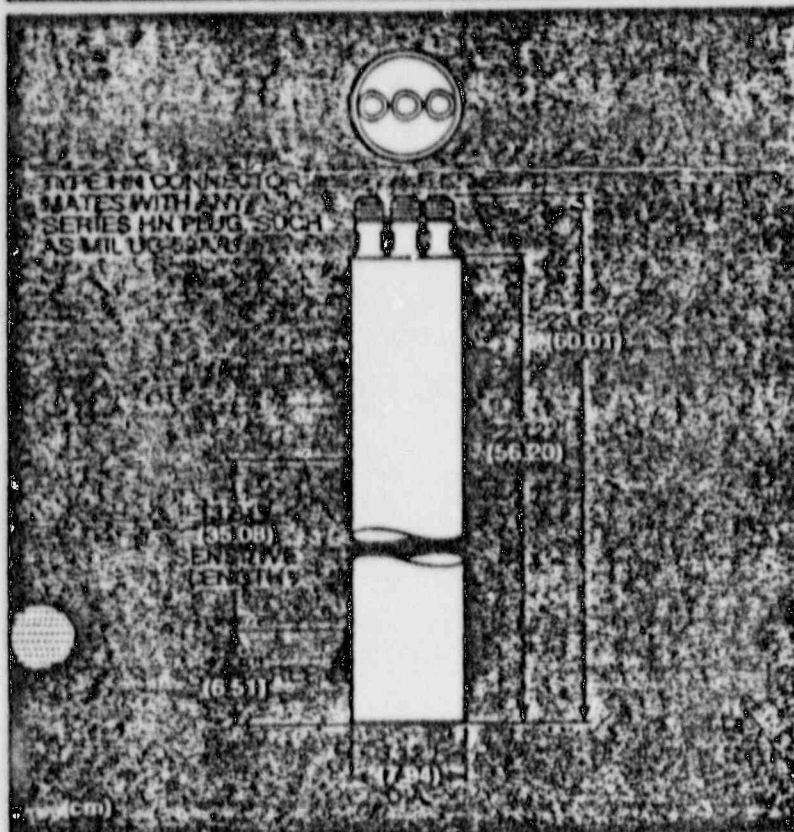
Compensation is provided by a chamber section sensitive to gamma rays only. With a negative voltage applied to the compensating electrode and positive voltage applied to the high voltage electrode, the output currents are subtracted electrically and neutron current alone is measured. The required compensating voltage is dependent upon gamma intensity and energy. Normally, it is in the range of 20 to 40 volts, but each chamber should be calibrated for compensating voltage before use.

Concentric cylinders with boron coating provide the neutron sensitive area. 1100 Aluminum is used in construction to minimize neutron absorption and residual activity. All seals are directly bonded ceramic-to-metal. Insulators are high purity alumina ceramic. Insulators have been designed to insure stable, long-term, noise-free operation of the chamber.

The detector envelope is Hell-arc welded. The complete structure is a rugged assembly capable of withstanding severe shock, vibration and temperature extremes.

Accessories

Detector housing RS-E1-0008 is a watertight unit complete with 30-feet of cable and designed for use with this chamber.



Specifications

MECHANICAL

Maximum diameter	8.02 cm
Maximum overall length	60.32 cm
Connectors	Type HR
Net weight	3.63 kg

MATERIAL

Outer shell and inner electrodes	1100 Aluminum
Connectors	6061 Aluminum
Insulation: Detector	Alumina ceramic
Connectors	Alumina ceramic
Neutron sensitive material	Boron enriched to > 92% B-10
Fill gas	Nitrogen

CAPACITANCE (See Note 1)

Signal electrode to shell	330 pf
High voltage electrode to shell	360 pf
Compensating electrode to shell	175 pf

RESISTANCE @ 25° C

Signal electrode to shell	10^{13} ohms (minimum)
High voltage electrode to shell	10^{12} ohms (minimum)
Compensating electrode to shell	10^{12} ohms (minimum)

MAXIMUM RATINGS

Inter-electrode voltage	1500 Volts
Temperature	200° C
Thermal neutron flux	10^{11} nv
Burn-up life	
for 10% decrease in sensitivity	2×10^{19} nvt

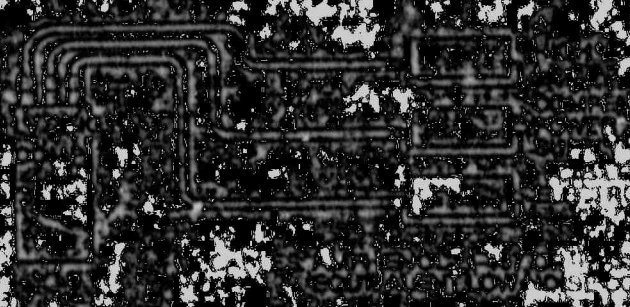
TYPICAL OPERATING CHARACTERISTICS

Thermal neutron sensitivity (unperturbed) ..	4×10^{-14} amp/nv \pm 20%
Thermal neutron flux range	2.5×10^2 to 2.5×10^{16} nv
Gamma sensitivity (uncompensated) ..	5×10^{-11} amp/R/hr \pm 20%
Voltage range	300 to 800 Volts (See Note 2)
Compensating voltage range	-10 to -80 Volts

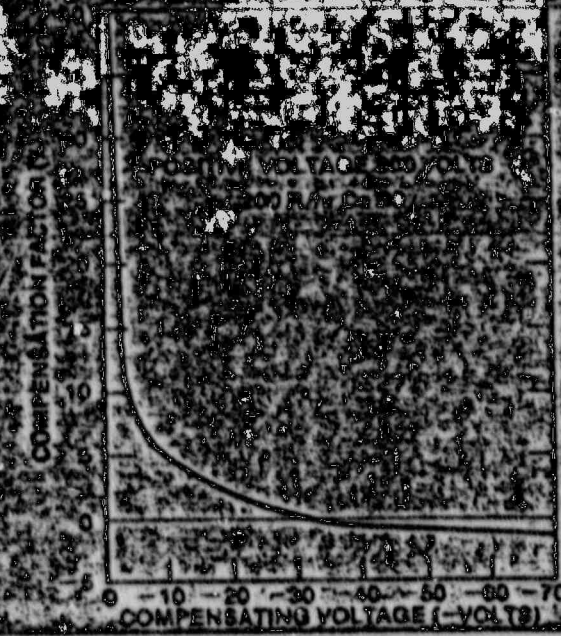
NOTE 1: All other electrodes grounded.

NOTE 2: See Saturation Characteristics for voltage required at various neutron flux levels.

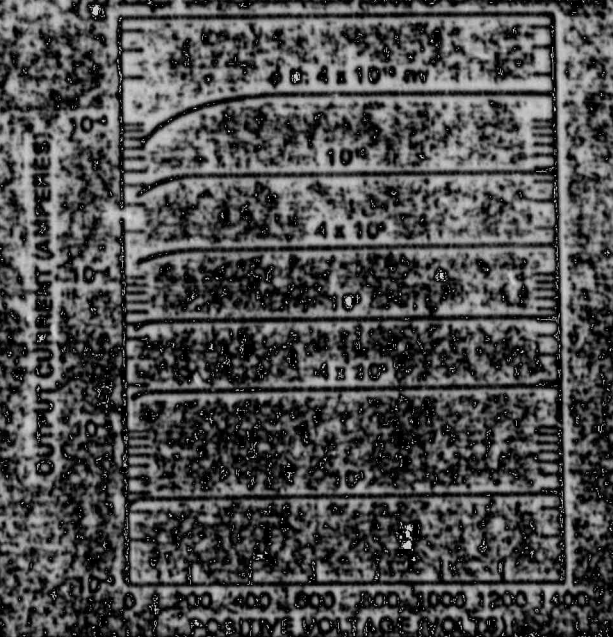
TYPICAL CONNECTION DIAGRAM



TYPICAL COMPENSATION CURVE



TYPICAL SATURATION CHARACTERISTICS



reuter **RS** stokes

88530 South Miles Parkway - Cleveland, Ohio 44128-3157
 Phone (216) 753-4341 Telex 885253



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

XCOM 410

DEC 0 8 1983



Mr. Carlton R. Stoiber
Office of Nuclear Export and
Import Control
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Stoiber:

Enclosed please find a November 30, 1983 letter from Westinghouse Electric Corporation with a request to withdraw its license application XCOM0410 for Pakistan.

Please mark your records to indicate this cancellation.

Sincerely,

James V. Zimmerman, Assistant Director
Export/Import and International Safeguards
Office of International Programs

Enclosure:
Ltr. dtl. 11/30/83
(XCOM0410)

cc w/enclosure:
Mr. Michael McDonough, DOE
Mr. Ed Fei, ACDA/NP/NX
Mrs. Nataly Martin, DOE
Mr. George Kuzmycz, ACDA
Mr. Robin DeLaBarre, DOS
Mr. Dan Gallington, DOD

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAY 30 1980

Mr. G. F. Helfrich, Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Helfrich:

Enclosed please find an application from Westinghouse Electric Corporation for a license to export 3 fission chambers to Pakistan for use in the PARR reactor.

Before taking action on this license application, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the issuance of the requested license would be inimical to the interests of the United States, including the common defense and security, and whether the proposed export meets the applicable criteria in the Atomic Energy Act as amended by the Nuclear Nonproliferation Act of 1978.

Sincerely,

Marvin R. Peterson, Acting Assistant
Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Appl. dtd, 5/15/80
(XCOMO 410)

cc w/enclosure:
Michael McDonough, DOE
Richard L. Williamson, ACDA/NP/NX
Sheila Buckley, DOD
✓ Natalie Martin, DOE
Jeanne Nelson, DOC
Robin DeLaBarre, DOS

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PDR (1 pg)

A/S

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

1. APPLICANT'S USE		2. DATE OF APPLICATION		3. APPLICANT'S REFERENCE		4. NRC USE		5. LICENSE NO.		6. DOCKET NO.		
		5/15/80		ZE-60180				X Com 410		11002073		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
a. NAME Attn: W. F. Pochal Westinghouse Electric Corporation						b. NAME SAME						
b. STREET ADDRESS Industrial & Gov't. Tube Div. Westinghouse Circle						c. STREET ADDRESS						
c. CITY		STATE		ZIP CODE		d. CITY		STATE		ZIP CODE		
Horseheads.		N.Y.		14845								
5. TELEPHONE NUMBER (Area Code - Number - Extension)						7. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)						
(607) 796-3221												
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)				
7/31/80		7/31/80		7/31/80		5/15/80						
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE						
a. NAME Director Pinstech						b. NAME Pakistan Research Reactor Rawalpindi, Pakistan. The Fission Chamber will be for Pakistan Reactor (PARR) Start-up Channel						
b. STREET ADDRESS P.O. Nilore						c. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY Rawalpindi, Pakistan						12. INTERMEDIATE END USE						
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE						
a. NAME NONE						b. NAME The PARR is primarily used for production of Radio Isotopes Training and Research work. The reactor is under IAEA Safe- guards.						
b. STREET ADDRESS						c. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY						14. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE						
a. NAME						b. NAME						
b. STREET ADDRESS						c. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE						
						RECEIVED U.S. NRC						
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
		3 Units - WL8073 Fision Chamber 5.04 Grams contained in 5.43 grams of 93% Enriched U-235 for three (3) Units. Total Cost: \$ 6774.00				1980 MAY 20		FH				
22. COUNTRY OF ORIGIN - SOURCE MATERIAL						23. COUNTRY OF ORIGIN - ENM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)			
U.S.A.						U.S.A.						
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)						* Copy to FDR and ACC 5-28-80						
See Attached Statement (629) by Ultimate Consignee.												
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				
				W. F. Pochal W F Pochal				Mgr., Customer Service				

8406090179-418



Pakistan Institute of Nuclear Science & Technology

GRAMS : PINSTECH
PHONE : 66111, 42612 & 40151-40155

Trans

POST OFFICE NILORE
RAWALPINDI
(PAKISTAN)

Ref. No. ROG-301(108)/80(PROC)PINSTECH.

Dated 27th April, 1980.

ZE-60180

M/s. Westinghouse Electric Corporation,
Electronic Components Division,
Westinghouse Circle, Hourseheads,
New York 14845, USA.

Subject:- Our Order No. ROG-301(108)/80(PROC)
PINSTECH and L/C No. RWP/3/7322.

Dear Sirs,

I am to refer to your letter No. Nil dated 28th March, 1980 and to return herewith form ITA-629 duly filled in and signed by the indenting scientist of this Institute for getting Export Licence from US Government. Please try to despatch the stores as soon as possible.

Encls (Out)

Yours faithfully,

Muhammad Basharat
27/4/80

(Ch. Muhammad Basharat),
Procurement Officer.

RECEIVED
G.S. WRC

1980 MAY 20 PM 12 24

EXPORT/IMPORT
GENERAL SIGNS



STATEMENT BY ULTIMATE CONSIGNEE AND PURCHASER

GENERAL INSTRUCTIONS - This form must be submitted by the importer (ultimate consigner shown in Item 1) and by the overseas buyer or purchaser, to the U.S. exporter or seller with whom the order for the commodities described in Item 3 is placed. This completed statement will be submitted in support of one or more export license applications to the U.S. Department of Commerce. All items on this form must be completed. Where the information required is unknown or the item does not apply, write in the appropriate words "UNKNOWN" or "NOT APPLICABLE." If more space is needed, attach an additional copy of this form or sheet of paper signed as in Item 8. Submit form within 180 days from latest date in Item 8.

1. Ultimate consigner name and address

Name **Director PINSTECH**

Street and number **P.O. Nilore,**

City and Country **Rawalpindi, Pakistan**

Reference (if desired)
ROG-301(108)/80(Proc).

2. Request (Check one)

a. We request that this statement be considered a part of the application for export license filed by **Westinghouse Electric Corporation, Westinghouse Circle, Horse Heads**
U.S. exporter or U.S. person with whom we have placed our order (order party) **New York 14845**
for export to us of the commodities described in item 3.

b. We request that this statement be considered a part of every application for export license filed by _____
U.S. exporter or U.S. person with whom we have placed or may place our order (order party)
for export to us of the type of commodities described in this statement, during the period ending June 30 of the second year after the signing of this form, or on _____

3. Commodities

We have placed or may place orders with the person or firm named in Item 2 for the commodities indicated below:

COMMODITY DESCRIPTION	(Fill in only if 2a is checked)	
	QUANTITY	VALUE
Fission Chamber WL 8073	3	US \$ 6780/-
	RECEIVED	

4. Disposition or use of commodities by ultimate consigner named in Item 1 (Check and complete the appropriate box(es))

We certify that the commodity(ies) listed in Item 3:

a. Will be used by us (as capital equipment) in the form in which received in a manufacturing process in the country named in Item 1 and will not be reexported or incorporated into another product.

b. Will be processed or incorporated by us into the following product(s) _____
to be manufactured in the country named in Item 1 for distribution in **EXPORT/IMPORT** _____
INTERNAT'L SFGRDS (Name of country or countries)

c. Will be resold by us in the form in which received in the country named in Item 1 for use or consumption therein. The specific end-use by my customer will be _____ (Specify, if known)

d. Will be reexported by us in the form in which received to _____ (Name of country(ies))

e. Other (Describe fully) _____

NOTE: If Item (d) is checked, acceptance of this form by the Office of Export Administration as a supporting document for license applications shall not be construed as an authorization to reexport the commodities to which the form applies unless specific approval has been obtained from the Office of Export Administration for such reexport.

(Reproduction of this form is permissible, providing that content, format, size and color of paper are the same)

Please continue form and sign certification on reverse side.

5. Nature of business of ultimate consignee named in Item 1 and his relationship with U.S. exporter named in Item 2.

a. The nature of our usual business is Research Reactor Operation & Maintenance
(Broker, distributor, licensor, manufacturer, wholesaler, retailer, etc.)

b. Our business relationship with the U.S. exporter is Individual transaction
(Contractual, franchise, exclusive distributor, distributor, wholesaler, continuing and regular individual transaction business, etc.)
 and we have had this business relationship for 12 years.

6. Additional information (Any other material facts which will be of value in considering applications for licenses covered by this statement.)
The fission chamber will be used for Pakistan Research Reactor, (PARR) start-up channel. The PARR is primarily used for production of radio-isotopes training & research work. The reactor is under IAEA safeguards.

7. Assistance in preparing statement (Names of persons other than employees of consignee or purchaser who assisted in the preparation of this statement.)
Not applicable

8. CERTIFICATION OF ULTIMATE CONSIGNEE AND PURCHASER (This item is to be signed by the ultimate consignee shown in Item 1 and by the purchaser where the latter is not the same as the ultimate consignee. Where the ultimate consignee is unknown, this item should be signed by the purchaser.)

We certify that all of the facts contained in this statement are true and correct to the best of our knowledge and belief and we do not know of any additional facts which are inconsistent with the above statement. We shall promptly send a supplemental statement to the person named in Item 2, disclosing any change of facts or intentions set forth in this statement which occurs after the statement has been prepared and forwarded. Except as specifically authorized by the U.S. Export Administration Regulations, or by prior written approval of the U.S. Department of Commerce, we will not reexport, resell, or otherwise dispose of any commodities listed in Item 3 above: (1) to any country not approved for export as brought to our attention by means of a bill of lading, commercial invoice, or any other means; or (2) to any person if there is reason to believe that it will result directly or indirectly, in disposition of the commodities contrary to the representations made in this statement or contrary to U.S. Export Administration Regulations.

<u>Ultimate Consignee</u>	<u>Purchaser</u>
Signature in ink <u><i>Naeem A. Khan</i></u> <small>(Signature of official of ultimate consignee)</small>	Signature in ink <u>Not applicable</u> <small>(Signature of official of purchaser firm)</small>
Type or print <u>Naeem A. Khan</u> <small>(Name and title of official of ultimate consignee)</small>	Type or print _____ <small>(Name and title of official of purchaser firm)</small>
Date _____	Type or print _____ <small>(Name of purchaser firm)</small>
	Date _____

9. CERTIFICATION FOR USE OF U.S. EXPORTER in certifying that any correction, addition, or alteration on this form was made prior to the signing by the ultimate consignee and purchaser in Item 8.

We certify that no correction, additions, or alterations were made on this form by us after the form was signed by the (ultimate consignee) (purchaser).

Type or print _____ <small>(Name of exporter firm)</small>	Sign here in ink _____ <small>(Signature of person authorized to certify for exporter)</small>
_____	Type or print _____ <small>(Name and title of person signing this document)</small>
<small>(Date signed)</small>	

The making of any false statement, the concealment of any material fact, or failure to file required information may result in denial of participation in U.S. exports. Notarial or Governmental certification is not required.

XSNM-1288



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DEC 24 1979

Mr. Gerard F. Helfrich, Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Helfrich:

By letter dated December 19, 1979, Reuter-Stokes, Inc. has requested the withdrawal of export license application XSNM01288 for Pakistan. Please mark your records to reflect this withdrawal.

Sincerely,

Marvin R. Peterson
Acting Assistant Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Ltr. dtd 12/19/79
(XSNM01288)

cc w/enclosure:
Mr. Holsey G. Handyside, DOE
Mr. Richard L. Williamson, ACDA/NP/NX
Ms. Sheila Buckley, DOD
Mr. Duane Sewell, DOE ✓
Mr. Kent Knowles, DOC
Mr. Robin DeLaBarre, DOS

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PO2 (1 P9)

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reuter stokes

18530 South Miles Parkway, Cleveland, Ohio 44128 U.S.A. • Telephone (216) 475-3434, Telex 98-5253

December 19, 1979

XSNM0128
70-2834

Mrs. B. Wright
U.S.N.R.C.
7735 Old Georgetown Road
Maryland National Bank Building
Bethesda, Maryland 20555

Reference: XSNM License Application #1288, Our Q-5527/U-7962

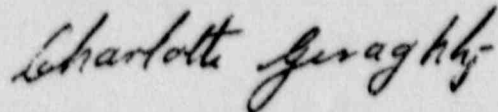
Subject: Application Withdrawal

Dear Mrs. Wright:

Please withdraw the above reference application. We have cancelled the order.

Very truly yours,

REUTER-STOKES, INC.



Charlotte Geraghty
Export Sales Department

CG

EXPORT/IMPORT
AND
INTERNATIONAL SERVICES

1979 DEC 26 AM 11 40

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