

TO: License Fee Management Branch

FROM: Region I

SUBJECT: VOIDED APPLICATION

7/2/8  
119248Control Number: 119248Applicant: Power Inspection, Inc.Date Voided: 3/9/97

Reason for Void: License expired and action no longer necessary. Will track  
as expired license. Will retire at end of enforcement  
action. License No. 37-21428-01 (030-20644). Before  
review.

M. A. Perkins 3/9/97  
Signature Date

Attachment:  
Official Record Copy of  
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

Refund Authorized and processed

☒ No Refund Due

Fee Exempt or Fee Not Required

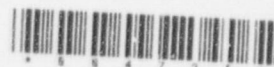
Comments: See Above -Reason for TermVoid030092

Log completed

Processed by: BS

OFFICIAL RECORD COPY

ML 10



1997 MAR 12 PM 3:08

030-20644

NRC FORM 314 (Rev. 10-81) 10 CFR 30.32 (a)(1)(iv) 10 CFR 40.42 (a)(1)(iv) 10 CFR 70.32 (a)(1)(iv)		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0028 EXPIRES: 08/31/95	
<b>CERTIFICATE OF DISPOSITION OF MATERIALS</b>					
INSTRUCTIONS: ALL ITEMS MUST BE COMPLETED -- PRINT OR TYPE SEND THE COMPLETED CERTIFICATE TO THE NRC OFFICE SPECIFIED ON THE REVERSE					
LICENSEE NAME AND ADDRESS  POWER INSPECTION INC. 12330 PERRY HIGHWAY WEXFORD, PA 15090				LICENSEE NUMBER 37-21428-01  LICENSE EXPIRATION DATE 1-31-94	
A. MATERIALS DATA (Check one and complete as necessary)					
THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT: (Check and/or complete the appropriate item(s) below.)					
<input type="checkbox"/> 1. NO MATERIALS HAVE EVER BEEN PROCURED OR POSSESSED BY THE LICENSEE UNDER THIS LICENSE.					
<input checked="" type="checkbox"/> 2. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (If additional space is needed, use the reverse side or provide attachments.) Describe specific material transfer actions and, if there were radioactive wastes generated in terminating this license, the disposal actions including the disposition of low-level radioactive waste, mixed waste, Greater-than-Class C waste, and sealed sources, if applicable.  ONE 680 AMERSHAM CAMERA W/ CO 60 67.9 CI SOURCE # 2366 Serial # 395 MODEL # 424-14 ONE 660 SERIAL # B 1077 CAMERA W/ 192, 17.2 CI Source #8624, MODEL 424-9 For transfers, specify the date of the transfer, the name of the licensed recipient, and the recipient's NRC license number or Agreement State name and license number.  MQS INSPECTION INC. LICENSE # 12-00622-07 2301 Arthur Ave. Elk Grove Village, IL 60007  (If materials were disposed of directly by the licensee rather than transferred to another licensee, licensed disposal site or waste contractor, describe the specific disposal procedures (e.g., decay in storage).)					
B. OTHER DATA					
<input checked="" type="checkbox"/> 1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT.					
2. WAS A RADIATION SURVEY CONDUCTED TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE? (Check one) <input type="checkbox"/> NO (Attach explanation) <input checked="" type="checkbox"/> YES. THE RESULTS (Check one) <input checked="" type="checkbox"/> ARE ATTACHED, or <input type="checkbox"/> WERE FORWARDED TO NRC ON (Date) 2/17/94 2/17/94 918 I B- 2/17/94 FEE EXEMPT Terminated					
3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM		NAME KRIS KUMAR		TELEPHONE NUMBER (Include Area Code) (412)935-7111	
4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO  POWER INSPECTION INC. P.O. BOX 186 WEXFORD PA 15090					
CERTIFYING OFFICIAL					
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT					
PRINTED NAME AND TITLE		SIGNATURE		DATE	
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.					

JAN 31 1994

**MQS**RADIATION SAFETY AND CONTROL PROGRAM  
LEAK TEST PERFORMANCE RECORD

Form 30.19

Rev.2

3/19/92

Lab/Project Address: MQS Inspection, Inc. Pittsburgh #047  
210 Vista Park Dr. Pittsburgh PA 15205

Leak Test Date: 1-31-94 Isotope: Iridium 192

Capsule Mfr: Amer sham Corporation Capsule Model No.: 424-9

Capsule S/N: 8624 Curies: 17

Type Of Test: Wet: X Dry: \_\_\_\_\_ Solvent: \_\_\_\_\_

Leak Test Kit Used: Manufacturer: Amer sham Corporation Model No: Kwiper

Exposure Device: Make: Amertest Model: 660 B S/N: B1977

Exposure Device Survey: 15 MR/hr @ Contact .4 MR/hr @ 1 meter

Source Changer: Make: NA Model: NA S/N: NA

Source Changer Survey: NA MR/hr @ Contact NA MR/hr @ 1 meter

Location Wiped: exit port

## SURVEY INSTRUMENT DATA:

Make: Amer sham Model: TAN 2000 S/N: 7114 Date Cal.: 1-13-94

## PERSONNEL AND DOSIMETRY INFORMATION

Name	Film/TLD No.	Film/TLD Acct. # (Opt)	Alarm Rate meter Serial Number	Rate meter Insp.		Dosimeter Serial Number	Readings (MR)	
				Acc.	Unacc.		Start	Stop
<u>A. Thomassy</u>	<u>299</u>	<u>61799</u>	<u>6572</u>	<u>✓</u>		<u>74455</u>	<u>✓</u>	<u>✓</u>

Comments:

Source received from Power Inspection.

Leak Test Performed By:

Allen Thomassy  
Signature



**MQS**RADIATION SAFETY AND CONTROL PROGRAM  
RADIOACTIVE MATERIAL RECEIPT REPORT

Lab/Project Address: MQS Inspection Inc Pittsburgh PA 15205 Pittsburgh #047  
 Receipt Date: 1-31-94 Time: 11:00 ☒ AM ☐ PM  
 Isotope: ☒ Iridium 192; ☐ Cobalt 60; ☐ Cesium 137; ☐ Ytterbium 169; ☐ Thulium 170  
 Manufacturer: Amerisham Corporation  
 Activity As Received: 17 Curies Source S/N 8624 Source Model 424-9  
 Received From: Power Inspection, Inc 12330 Perry Rd. Westford PA 15090

## SURVEY OF MATERIAL AS RECEIVED

Date: 1-31-94 Time: 11:00 ☒ AM ☐ PM

\* Surveys must be performed within 3 hours after receipt if material is received during normal working hours or within 18 hours after receipt if material is received after normal working hours

15

MR/hr @ Surface of shipping container (Package)

0.4

MR/hr @ 1 Meter from surface of shipping container (Package)

## SOURCE CHANGER DATA

(Note: Complete a Leak Test and Leak Test Report if material is received in a changer)

Make: NA Model: NA S/N: NA

## Survey Results:

NA MR/hr @ Contact NA MR/hr @ 5 cm (2 in.) NA MR/hr @ 6 inches NA MR/hr @ 1 meter

Maintenance Inspection ☐ Acceptable ☐ Unacceptable

## EXPOSURE DEVICE DATA

Make: Ameribest Model: 660B S/N: B1077

## Survey Results:

15 MR/hr @ Contact 2 MR/hr @ 5 cm (2 in.) 1.4 MR/hr @ 6 inches 0.4 MR/hr @ 1 meter

Maintenance Inspection ☒ Acceptable ☐ Unacceptable

## SURVEY INSTRUMENT DATA

Make: Amerisham Model: TAN 2000 S/N: 7614 Cal Date: 1-13-94

## PERSONNEL AND DOSIMETRY INFORMATION

Name	Film/TLD No.	Film/TLD Acct.# (Opt)	Alarm Rateometer Serial Number	Rateometer Insp.		Dosimeter Serial Number	Readings (MR)	
				Acc.	Unacc.		Start	Stop
<u>A. Thomas</u>	<u>299</u>	<u>61799</u>	<u>6572</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>74455</u>	<u>0</u>	<u>0</u>

## Comments:

Source received from Power Inspection.

Receipt Performed By: Allen Thomas Signature

**MQS**RADIATION SAFETY AND CONTROL PROGRAM  
RADIOACTIVE MATERIAL RECEIPT REPORT

Lab/Project Address: MQS Inspection, Inc. 210 Vista Park Dr. Pittsburgh PA 15205 Pittsburgh #047  
 Receipt Date: 1-31-94 Time: 11:30 ☒ AM ☐ PM  
 Isotope: ☐ Iridium 192; ☒ Cobalt 60; ☐ Cesium 137; ☐ Ytterbium 169; ☐ Thulium 170  
 Manufacturer: Amer sham Corporation  
 Activity As Received: 67.9 Curies Source S/N 2366 Source Model 424-14  
 Received From: Power Inspection, Inc. 12330 Perry Hwy Wexford PA 15090

## SURVEY OF MATERIAL AS RECEIVED

Date: 1-31-94 Time: 11:30 ☒ AM ☐ PM

\* Surveys must be performed within 3 hours after receipt if material is received during normal working hours or within 18 hours after receipt if material is received after normal working hours

60

MR/hr @ Surface of shipping container (Package)

1.5

MR/hr @ 1 Meter from surface of shipping container (Package)

## SOURCE CHANGER DATA

(Note: Complete a Leak Test and Leak Test Report if material is received in a changer)

Make: NA Model NA S/N NA

## Survey Results:

NA MR/hr @ Contact NA MR/hr @ 5 cm (2 in.) NA MR/hr @ 6 inches NA MR/hr @ 1 meter

Maintenance Inspection

☐ Acceptable☐ Unacceptable

## EXPOSURE DEVICE DATA

Make: Ametek Model: 680 S/N 395

## Survey Results:

60 MR/hr @ Contact 40 MR/hr @ 5 cm (2 in.) 25 MR/hr @ 6 inches 1.5 MR/hr @ 1 meter

Maintenance Inspection

☒ Acceptable☐ Unacceptable

## SURVEY INSTRUMENT DATA

Make: Amer sham Model: TAN 2000 S/N: 7114 Cal Date: 1-13-94

## PERSONNEL AND DOSIMETRY INFORMATION

Name	Film/TLD No.	Film/TLD Acct.# (Opt)	Alarm Rate meter Serial Number	Rate meter Insp.		Dosimeter Serial Number	Readings (MR)	
				Acc.	Unacc.		Start	Stop
<u>A. Thomassy</u>	<u>299</u>	<u>61799</u>	<u>6572</u>	<input checked="" type="checkbox"/>		<u>74455</u>	<u>0</u>	<u>0</u>

Comments:

Source received from Power Inspection

Receipt Performed By:

Alan Thomassy

Signature

**MQS**RADIATION SAFETY AND CONTROL PROGRAM  
LEAK TEST PERFORMANCE RECORD

Form 30.19

Rev.2

3/19/92

Lab/Project Address: MQS Inspection, Inc Pittsburgh #047  
40 Vista Park Dr Pittsburgh PA 15205

Leak Test Date: 1-31-94 Isotope: Cobalt 60

Capsule Mfr: Amer sham Capsule Model No.: 424-14

Capsule S/N: 2366 Curies: 67.9

Type Of Test: Wet: ☒ Dry: ☐ Solvent: ☐

Leak Test Kit Used: Manufacturer: Amer sham Model No: Kawips

Exposure Device: Make: Amer test Model: 680 S/N: 395

Exposure Device Survey: 60 MR/hr @ Contact AT 40<sup>1.5</sup> MR/hr @ 1 meter

Source Changer: Make: NA Model: NA S/N: NA

Source Changer Survey: NA MR/hr @ Contact NA MR/hr @ 1 meter

Location Wiped: Exit port

## SURVEY INSTRUMENT DATA:

Make: Amer sham Model: TAN 2000 S/N: 7114 Date Cal.: 1-13-94

## PERSONNEL AND DOSIMETRY INFORMATION

Name	Film/TLD No.	Film/TLD Acct # (Opt)	Alarm Rate meter Serial Number	Rate meter Insp.		Dosimeter Serial Number	Readings (MR)	
				Acc.	Unacc.		Start	Stop
<u>A. Thomassy</u>	<u>299</u>	<u>61799</u>	<u>6572</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>74455</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

Source received from Power Inspection

Leak Test Performed By:

A. Thomassy  
 Signature



**Amersham Corporation**

40 North Avenue  
Burlington, Massachusetts 01803  
Telephone (617) 272-2000

**SOURCE  
CERTIFICATE**

Radionuclide: Cobalt-60

Source Model: 424-14

ISO/ANSI Classification: C43515

Source Serial: 2366

IAEA Special Form Certification:  
USA/ 0377 /S

Measured Equivalent Activity:

67.0 Curies on 31-Jan-94

## Source Physical Size:

Diameter:	0.150 in	3.81 mm
Length:	0.186 in	4.72 mm
Maximum:	0.209 in	5.31 mm

## Decay Data

Date	Activity	Date	Activity
31-Jan-94	67.9	23-Jun-2001	25.8
01-May-94	65.7	21-Sep-2001	25.0
30-Jul-94	63.7	20-Dec-2001	24.2
28-Oct-94	61.6	20-Mar-2002	23.4
26-Jan-95	59.7	18-Jun-2002	22.7
26-Apr-95	57.8	16-Sep-2002	22.0
25-Jul-95	56.0	15-Dec-2002	21.3
23-Oct-95	54.2	15-Mar-2003	20.6
21-Jan-96	52.5	13-Jun-2003	19.9
20-Apr-96	50.8	11-Sep-2003	19.3
19-Jul-96	49.2	10-Dec-2003	18.7
17-Oct-96	47.6	09-Mar-2004	18.1
15-Jan-97	46.1	07-Jun-2004	17.5
15-Apr-97	44.6	05-Sep-2004	17.0
14-Jul-97	43.2	04-Dec-2004	16.4
12-Oct-97	41.9	04-Mar-2005	15.9
10-Jan-98	40.5	02-Jun-2005	15.4
10-Apr-98	39.2	31-Aug-2005	14.9
09-Jul-98	38.0	29-Nov-2005	14.4
07-Oct-98	36.8	27-Feb-2006	14.0
05-Jan-99	35.6	28-May-2006	13.5
05-Apr-99	34.5	26-Aug-2006	13.1
04-Jul-99	33.4	24-Nov-2006	12.7
02-Oct-99	32.3	22-Feb-2007	12.3
31-Dec-99	31.3	23-May-2007	11.9
30-Mar-2000	30.3	21-Aug-2007	11.5
28-Jun-2000	29.4	19-Nov-2007	11.2
26-Sep-2000	28.4	17-Feb-2008	10.8
25-Dec-2000	27.5	17-May-2008	10.5
25-Mar-2001	26.7	15-Aug-2008	10.1

**Amersham Corporation**

40 North Avenue  
Burlington, Massachusetts 01803  
Telephone (617) 272-2000

**SOURCE  
CERTIFICATE**Radionuclide: Iridium-192

Source Model: 424-9

ISO/ANSI Classification: C43515

Source Serial: 8624

IAEA Special Form Reference # USA/0335/S

Measured Equivalent Activity  
103.7 Curies on 07/22/93

## Source Physical Size:

Diameter: 0.118 in. 3.00 mm  
Length: 0.115 in. 2.92 mm  
Diagonal: 0.165 in. 4.19 mm

## Quality Control Tests

Wipe Test A: <0.0005 uCi.  
Vacuum Bubble Test: Satisfactory  
Tensile Test: Satisfactory  
Wipe Test B: <0.0005 uCi.  
Test Date: 07/02/93

*C. P. Guida*

## DECAY DATA

Date	Activity	Date	Activity
07/22/93	103.7	02/17/94	14.5
07/29/93	97.1	02/24/94	13.6
08/05/93	91.0	03/03/94	12.7
08/12/93	85.2	03/10/94	11.9
08/19/93	79.8	03/17/94	11.2
08/26/93	74.7	03/24/94	10.5
09/02/93	70.0	03/31/94	9.8
09/09/93	65.5	04/07/94	9.2
09/16/93	61.4	04/14/94	8.6
09/23/93	57.5	04/21/94	8.0
09/30/93	53.8	04/28/94	7.5
10/07/93	50.4	05/05/94	7.1
10/14/93	47.2	05/12/94	6.6
10/21/93	44.2	05/19/94	6.2
10/28/93	41.4	05/26/94	5.8
11/04/93	38.8	06/02/94	5.4
11/11/93	36.3	06/09/94	5.1
11/18/93	34.0	06/16/94	4.8
11/25/93	31.9	06/23/94	4.5
12/02/93	29.8	06/30/94	4.2
12/09/93	27.9	07/07/94	3.9
12/16/93	26.2	07/14/94	3.7
12/23/93	24.5	07/21/94	3.4
12/30/93	23.0	07/28/94	3.2
01/06/94	21.3	08/04/94	3.0
01/13/94	20.1	08/11/94	2.8
01/20/94	18.9	08/18/94	2.6
01/27/94	17.7	08/25/94	2.5
02/03/94	16.5	09/01/94	2.3
02/10/94	15.5	09/08/94	2.2





POWER INSPECTION, INC.

P.O. BOX 186

12330 PERRY HIGHWAY  
WEXFORD, PA 15090LIC # 12-00622-07  
DPC 030-04041

## "SHIPPING/CERTIFICATION DOCUMENT FOR RADIOACTIVE MATERIAL"

SHIPPED TO: MQS INSPECTION, INC  
2301, ARTHUR AVE  
ELK GROVE VILLAGE  
ILL. 60007CARRIER: MQS - TRUCK

WEIGHT: \_\_\_\_\_

PROPER SHIPPING NAME

RADIOACTIVE MATERIAL  
SPECIAL FORM N.O.S. "UN-2974"RADIOACTIVE MATERIAL  
L.S.A., N.O.S.

## "EXPOSURE DEVICE AND MATERIAL IDENTIFICATION"

EXPOSURE DEVICE	SERIAL NO.	SOURCE NO.	NRC CERT. OF COMP.	TYPE OF PACKAGE
T/O 660	B1077	8624	USA/9033/B(U)	TYPE B
T/O 900			USA/914VB(U)	TYPE B
T/O 680	395	2366	USA/9035/B(U)	TYPE B
G/I CENTURY S (NEW)			USA/9135/B(U)	TYPE B
G/I CENTURY SA (NEW)			USA/9135/B(U)	TYPE B
G/I GAMMATRON 100			USA/9127/B(U)	TYPE B
G/I CENTURY S (OLD)			USA/6717/B( )	TYPE B OVERPACK
G/I CENTURY SA (OLD)			USA/9135/B( )	TYPE B OVERPACK
SPEC-2T			USA/9056/B(U)	TYPE B
SPEC-C060-MODEL I				DOT-20WC
SOURCE CHANGERS	SERIAL NO.	SOURCE NO.	NRC. CERT. OF COMP.	TYPE OF PACKAGE
T/O 650			USA/9033/B(U)	TYPE B
T/O 850			USA/9147/B(U)	TYPE B
T/O 771			USA/9107/B(U)	TYPE B
G/I C-10			USA/9133/B(U)	TYPE B
G/I C-8			USA/9128/B(U)	TYPE B
SPEC-C-1			USA/9036/B(U)	TYPE B

## NATURE AND QUANTITY OF CONTENTS

RADIOISOTOPE	FORM	ACTIVITY IN CURIES
IRIDIUM 192	SPECIAL FORM	17.2 CI
COBALT 60	SPECIAL FORM	67.9 CI
CESIUM 137	SPECIAL FORM	
DEPLETED U238	NORMAL FORM	
LB. AT .15 MCI, LB.		

## LABELING

SHIPPING LABEL	TRANSPORT INDEX
RADIOACTIVE WHITE I	
RADIOACTIVE YELLOW II	
RADIOACTIVE YELLOW III	

## SHIPPER'S CERTIFICATION

This is to certify that the above named materials are properly classified, described, packaged, and labeled; and are in proper condition for transportation according to the applicable of the DEPARTMENT OF TRANSPORTATION (D.O.T.)

## TRANSPORTATION BY AIR

This shipment is within the limitations prescribed for cargo - only aircraft.

SIGNATURE

FORM 2106 ORIG. 3/3/58

1-31-94

DATE 119248

OFFICIAL RECORD COPY ML 10

\*\* TOTAL PAGE.009 \*\*

BETWEEN:

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: PROGRAM CODE: 03320
: STATUS CODE: 0
: FEE CATEGORY: 30
: EXP. DATE: 19940131
: FEE COMMENTS: -----
: DECOM FIN ASSUR REQD: N
: .....

```

## A. REGION

AMOUNT:                       
CHECK NO.:                     

SIGNED M. A. Perkins  
DATE 2/3/54

AMENDMENT  
RENEWAL  
LICENSE

SIGNED \_\_\_\_\_  
DATE 2/17/94