



Unison Industries  
7575 Baymeadows Way  
Jacksonville, FL 32256 USA  
Telephone: 904/739/4000  
Facsimile: 904/739/4200  
www.unisonindustries.com

July 1, 2008

United States Nuclear Regulatory Commission – Region I  
Division of Nuclear Materials Safety  
475 Allendale Road  
King of Prussia, PA 19406-1415

ATTN: Steven R. Courtemanche, Health Physicist

RE: License No. 09-23745-01E

2008 JUL -7 PM 1:01  
RECEIVED  
REGION 1

Dear Mr. Courtemanche,

Joe Cornell contacted me regarding your visit to the Unison-Norwich plant last week. Per his request, I am sending you copies of the transfer reports sent to the Document Control Desk/Exempt Distribution earlier this year. One letter communicates the material transfer report for CY2004-2006 for both the Jacksonville and Norwich facilities. The other letter is the material transfer report for CY 2007 only (for both facilities) as specified by the current Title 10 CFR Section 32.16(c)(1) requirement.

Over the last several years, Unison Industries has performed testing in order to substantiate replacement of Norwich designed and manufactured electron tubes with Jacksonville designed and manufactured spark gaps. Currently, there is no demand for Norwich-produced electron tubes in any of Unison's ignition exciter designs, and the facilities' New York State materials license has been terminated (see enclosures).

The USNRC license has not been amended to remove the Norwich plant. It is Unison Industries' desire keep the Norwich facility on the license in the event a need for producing spark gaps in Norwich arises or the option of distributing Jacksonville-manufactured spark gaps from the Norwich facility is realized.

I trust this letter has answered all your questions. If any additional information is required, please contact me at 904-739-4258, 904-739-4200 (facsimile), or [bruce.markert@unisonindustries.com](mailto:bruce.markert@unisonindustries.com)

Sincerely,

Bruce D. Markert  
Radiation Safety Officer

Enclosures (7)

cc: Joe Cornell



Unison Industries  
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January 28, 2008

United States Nuclear Regulatory Commission  
Office of Nuclear Material Safety and Safeguards  
Washington, DC 20555-0001

ATTN: Document Control Desk / Exempt Distribution

RE: CY 2004 - 2006 Material Transfer Reports  
License No. 09-23745-01E

Pursuant to Section 32.14, 10 CFR Part 32, "Specific Domestic Licenses of Manufacture or Transfer Certain Items Containing Byproduct Material"; Unison Industries is authorized to distribute electron and spark gap tubes containing not greater than 30 microcuries of krypton-85 to persons exempt from the requirements for a license pursuant to Section 30.15, 10 CFR Part 30. In accordance with Section 32.16.c, 10 CFR Part 32, Unison Industries is submitting the following information:

From our Jacksonville, Florida facility:

A total of 26,405 spark gaps, containing Krypton-85 activity of 0.0312 curies, were shipped from 01/01/04 through 12/31/04;

A total of 25,427 spark gaps, containing Krypton-85 activity of 0.0302 curies, were shipped from 01/01/05 through 12/31/05;

A total of 25,768 spark gaps, containing Krypton-85 activity of 0.0294 curies, were shipped from 01/01/06 through 12/31/06;

From our Norwich, New York facility:

A total of 4,343 electron tubes, containing Krypton-85 activity of 0.010335 curies, were shipped from 07/01/03 through 06/30/04;

A total of 3,742 electron tubes, containing Krypton-85 activity of 0.010033 curies, were shipped from 07/01/04 through 06/30/05.

A total of 400 electron tubes, containing Krypton-85 activity of 0.027 curies, were shipped from 07/01/05 through 06/30/06.

A total of zero (0) electron tubes containing Krypton-85 activity were shipped from 07/07/06 through 12/31/06.

If any additional information is required, please contact me at 904-739-4258, 904-739-4200 (facsimile), or [bruce.markert@unisonindustries.com](mailto:bruce.markert@unisonindustries.com)

Sincerely,

*<copy> Bruce 7/1/08*  
Bruce D. Markert  
Radiation Safety Officer



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January 28, 2008

United States Nuclear Regulatory Commission  
Office of Nuclear Material Safety and Safeguards  
Washington, DC 20555-0001

ATTN: Document Control Desk / Exempt Distribution

RE: CY 2007 Material Transfer Report  
License No. 09-23745-01E

Pursuant to Section 32.14, 10 CFR Part 32, "Specific Domestic Licenses of Manufacture or Transfer Certain Items Containing Byproduct Material"; Unison Industries is authorized to distribute electron and spark gap tubes containing not greater than 30 microcuries of krypton-85 to persons exempt from the requirements for a license pursuant to Section 30.15, 10 CFR Part 30.

In accordance with Section 32.16.c, 10 CFR Part 32, Unison Industries is submitting the following information:

From our Jacksonville, Florida facility, a total of 23,649 spark gaps, containing Krypton-85 activity of 0.0261 curies, were shipped from 01/01/07 through 12/31/07.

From our Norwich, New York facility, a total of zero (0) electron tubes containing Krypton-85 activity were shipped from 01/01/07 through 12/31/07.

If any additional information is required, please contact me at 904-739-4258, 904-739-4200 (facsimile), or [bruce.markert@unisonindustries.com](mailto:bruce.markert@unisonindustries.com).

Sincerely,

*{copy} BDM 2/1/08*

Bruce D. Markert  
Radiation Safety Officer

ONEE

CUSTOMER COPY (BLUE)

INBOUND TRAILER

SHIPPER

604 460 920

ROVA GAS TECHNOLOGIES

264999 UNIT  
FREIGHT BILL NUMBER

UNISON INDUSTRIES

201 THREE LAKES ROAD  
NORTH CHARLESTON SC 29418  
02723231

604 460 920  
CITY/ST/ZIP

5845 STATE HIGHWAY 12  
NORWICH NY 13815  
09927540 (607)335-5000

(800)333-7400  
UPS FREIGHT PHONE NUMBER

0222  
PICK UP DATE

CHS  
ORIG

ADV CAR

BL# 001827

UF

BD

COLLECT THIS AMOUNT

03  
EMERGENCY PHONE# 607 335 5000



\$ .00  
\$ .00

S Freight



www.upsfreight.com

604 460 920

# PCS	HM	PT	DESCRIPTION OF ARTICLES AND SPECIAL MARKINGS	WEIGHT (LBS)	TMFC	RATE	CHARGES		
1	X	CN	1 PIECE(S) COUNTED AND VERIFIED ON 1 OT HANDLING UNIT(S) WITH THE FOLLOWING RADIOACTIVE MATERIAL EXCEPTED PACKAGE 7, UN2908 (EMPTY PACKING) HAZARDOUS MATERIAL CHG LTL FUEL ADJUSTMENT SECTION 7 SIGNED BILL TO: 13267015 UNISON INDUSTRIES UPOF 81208 0000001 GE CORP 08/19/98	31	164900-01				
1 TTL PCS			PRINT NAME <i>LEONARD W. SAMMERS</i>	TTL WT	31	ODOM	ARRIVE	DEPART	TOTAL CHARGES (USD)
ES DLVRD			SIGNATURE <i>[Signature]</i>	FIRE		542	1:15	1:25	
RAP INTACT?			X	RECEIVED THE ABOVE PROPERTY IN GOOD CONDITION EXCEPT AS NOTED		DATE	DRIVER NAME		PP
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			RECORD EXCEPTIONS & DESCRIPTIONS OF GOODS IN BODY OF FORM ABOVE			1/13	Rick M. [Signature]		

UNISON

F10/20/06  
u.w.

October 20, 2006

New York State Department of Health  
Bureau of Environmental Radiation Protection  
547 River Street, Room 530  
Troy, NY 12180-2216

Attention: Mr. William T. Varcasio, Associate Radiophysicist

Reference: Radiological License 0250-0992

Subject: Request to Rescind License

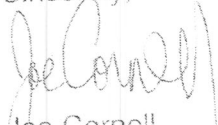
Dear Mr. Varcasio:

Unison Industries, LLC, Norwich Operations is discontinuing the manufacture of products that utilize the radioactive gas Krypton 85. The glass gaps that were manufactured using this material have been moved to our Jacksonville, Florida, site. Therefore, Unison is requesting that the radiological license issued by New York State Department of Health be rescinded.

At this time, Unison is in the process of returning the empty Krypton 85 gas cylinders to the original supplier. In addition, Unison will conduct a radiological survey using our Geiger counter. The survey will be documented and photos taken. Attached

Please contact me with a date that a New York State Department of Health representative can visit Unison. I can be reached at 607-335-5337 or by e-mail at [joe.cornell@unisonindustries.com](mailto:joe.cornell@unisonindustries.com).

Sincerely,

  
Joe Cornell  
EHS Manager

102006

Ref:  
Dep:

Date: 10/30/2006  
Wgt: 1.0 LBS  
DV:

Sves: PRIORITY OVERNIGHT  
TRCK: 6888 5147 7396

SHIPPING:  
SPECIAL:  
HANDLING:  
TOTAL:

0.00  
0.00  
0.00



STATE OF NEW YORK  
DEPARTMENT OF HEALTH

Flanigan Square, 547 River Street, Troy, New York 12180-2216

Antonia C. Novello, M.D., M.P.H., Dr.P.H.  
*Commissioner*

Dennis P. Whalen  
*Executive Deputy Commissioner*

December 13, 2006

Joe Cornell, EHS Manager  
Unison Industries  
5345 State Highway 12  
PO Box 310  
Norwich, NY 13815

License No: C0250  
Reference: DL 06-255  
Amendment: 6

Dear Mr. Cornell:

New York State Department of Health Radioactive Materials License C0250 is hereby terminated in accordance with your letter dated October 20, 2006. If Unison Industries wishes to resume operations involving radioactive materials in the future, you should contact our new office at (518) 402-7550.

Sincerely,

A handwritten signature in black ink that reads 'Daniel P. Samson'.

Daniel Samson, CHP  
Associate Radiophysicist

enc: License termination



**NEW YORK STATE DEPARTMENT OF HEALTH**  
**RADIOACTIVE MATERIALS LICENSE**

Page 1 of 4

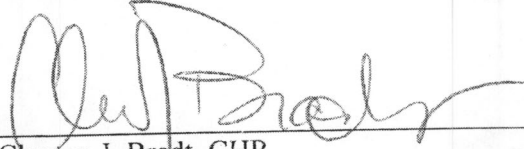
Pursuant to the Public Health Law and Industrial Code Rule 38, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing radioactive material(s) for the purpose(s), and at the place(s) designated below. The license is subject to all applicable rules, regulations, and orders now or hereafter in effect of all appropriate regulatory agencies and to any conditions specified below.

1. NAME OF LICENSEE  UNISON INDUSTRIES  FEIN: 59-3530410 Phone: (607) 335-5478	3. LICENSE NUMBER  C0250	
	4. EXPIRATION DATE  October 31, 2008	
2. ADDRESS OF LICENSEE  Norwich-Oxford Road Norwich, New York 13815	5a. REFERENCE  DL 06-255	b. AMENDMENT NO.  6

**THIS LICENSE IS HEREBY TERMINATED**

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

Date: 12/13/06

By   
Clayton J. Bradt, CHP,  
Principal Radiophysicist



5345 State Hwy 12  
PO Box 310  
Norwich, NY 13815  
Telephone: 607 335-5000  
Facsimile: 607 335-5440  
www.unisonindustries.com

**Title:** Krypton-85 Backfill Station  
Radiological License #0250-0992

**Scope:** Documented survey of area and equipment that were used to support glass gap backfilling. Survey purpose is to determine if residual radioactivity exists and document process with photographs.

**Employees:** Brad Dunham, RSO  
Joe Cornell, EHS  
Wendi VanOrden, EHS

**Equipment:** Digital Camera: Kodak Easy Share 340  
Geiger Counter: Dosimeter Corporation of America  
Model #3700  
Unison ID# T2070-004  
Calibration Expiration Date: 12/15/06

**Survey Date:** October 25, 2006  
**Survey Time:** 2:00 pm EST

**Sampling:** Room used for Glass Gap Backfilling with KR-85  
Exterior mid-point of East wall  
Exterior mid-point of South  
Interior mid-point of East wall  
Operator Area Front  
Operator Area Front Near Cylinder Area  
Operator Area Front Near Pump  
Operator Area Back Near Cylinder Area  
Storage Area: Top, Side, Background

  
\_\_\_\_\_  
Joe Cornell  
EHS Manager

10/30/06  
\_\_\_\_\_  
Date