SINCE 1895

Glenshaw Glass Company

1101 William Flynn Highway
Glenshaw, PA 15116

Phone: (412) 486-9100
Fax: (412) 486-6087

MS16
Q-2

September 27, 2007

**U.S. Nuclear Regulatory Commission**
Att.: Dr. Lohdi
Region I
475 Allendale Road
King of Prussia, PA 19406

RE: Notification of Renewal of License of Use
Material License No. 37-28413-02
Docket No. 03033747
Control No. 140562

Attention: Dr. Lohdi

Attached is NRC form 313 and appendix B for renewal of our Material License No. 37-28413-02.

The Company has obtained a Radiation Safety Officer, John R. Matschner, Jr. with JENDCO Corporation, 368 Butler Street, Pittsburgh, PA 15223.

Again, if you should have questions, regarding the attached please don't hesitate to contact us at 412-486-9100 ext. 203 or ddietz@glenshawglass.com.

Sincerely,

Dawn Dietz
General Manager

140562

NMSS/RGN1 MATERIALS-002

**NRC FORM 313** (10-2005) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40 — **U.S. NUCLEAR REGULATORY COMMISSION**

# APPLICATION FOR MATERIAL LICENSE

**APPROVED BY OMB: NO. 3150-0120** **EXPIRES: 10/31/2008**

Estimated burden per response to comply with this mandatory collection request: 4.4 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

**APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:**

**IF YOU ARE LOCATED IN:**

**ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:**

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

**IF YOU ARE LOCATED IN:**

**ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:**

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

**ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:**

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

03033747

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

1. THIS IS AN APPLICATION FOR *(Check appropriate item)*
   - [ ] A. NEW LICENSE
   - [ ] B. AMENDMENT TO LICENSE NUMBER _____
   - [X] C. RENEWAL OF LICENSE NUMBER 37-28413-02

2. NAME AND MAILING ADDRESS OF APPLICANT *(Include ZIP code)*
   PORT GLENSHAW GLASS CO.
   1101 WILLIAM FLYNN HIGHWAY
   ROUTE 8
   GLENSHAW PA 15116

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED
   1101 William Flynn Highway
   Route 8
   Glenshaw, PA 15116

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION
   Dawn Dietz
   TELEPHONE NUMBER
   (412) 486-9100

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL
   a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES *(See 10 CFR 170 and Section 170.31)*
   FEE CATEGORY | AMOUNT ENCLOSED $

13. CERTIFICATION. *(Must be completed by applicant)* THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

| CERTIFYING OFFICER – TYPED/PRINTED NAME AND TITLE | SIGNATURE | DATE |
|---|---|---|
| X WILLIAM A KELLMAN: PRESIDENT | | OCT. 1 2007 |

**FOR NRC USE ONLY**

| TYPE OF FEE | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|---|---|---|---|---|---|
| | | | $ | | 140562 |
| APPROVED BY | | | | DATE | |

NRC FORM 313 (10-2005) PRINTED ON RECYCLED PAPER

# Appendix B: Suggested Format for Providing Information Requested in Items 5 Through 11 of NRC Form 313

[ Prev | Next | Top of file ]

**Suggested Format for Providing Information Requested in Items 5 Through 11 of NRC Form 313**

**Table B.1 Items 5 & 6: Materials To Be Possessed and Proposed Uses**

| Yes | No | Radioisotope | Manufacturer or Distributor Model No. | Quantity | Use As Listed on SSD Certificate | Specify Other Uses Not Listed on SSD Certificate |
|---|---|---|---|---|---|---|
| | X | Cobalt-60 | Sealed source manufacturer or distributor and model number: _____ Device manufacturer or distributor and model number: | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes [ ] Specific description of the gauge use: _____ | [ ] Not applicable _____ [ ] Uses are: _____ (Submit safety analysis supporting safe use) |
| | X | Krypton-85 | Sealed source manufacturer or distributor and model number: _____ Device manufacturer or distributor and model number: | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes [ ] Specific description of the gauge use: _____ | [ ] Not applicable _____ [ ] Uses are: _____ (Submit safety analysis supporting safe use) |
| | X | Strontium-90 | Sealed source manufacturer or distributor and model number: _____ Device manufacturer or distributor and model number: | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes [ ] Specific description of the gauge use: _____ | [ ] Not applicable _____ [ ] Uses are: _____ (Submit safety analysis supporting safe use) |
| X | | Cesium-137 | Sealed source manufacturer or distributor and model number: TN 57157C Device manufacturer or distributor and model number: TN5204 | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes [X] Specific description of the gauge use: Glass Leve | [X] Not applicable _____ [ ] Uses are: _____ (Submit safety analysis supporting safe use) |
| | X | Americium-241 | Sealed source manufacturer or distributor and model number: _____ Device manufacturer or distributor and model number: | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes [ ] Specific description of the gauge use: | [ ] Not applicable _____ [ ] Uses are: _____ (Submit safety analysis supporting safe use) |
| | X | Other Isotope (Specify): | Sealed source manufacturer or distributor and model number: _____ Device manufacturer or distributor and model number: | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes [ ] Specific description of the gauge use: _____ | [ ] Not applicable _____ [ ] Uses are: _____ (Submit safety analysis supporting safe use) |
| *Financial Assurance Required* ***and Evidence of Financial Assurance Provided*** | | | | | | |

**Table B.2 Items 7 Through 11: Training and Experience, Facilities and Equipment, Radiation Safety Program,**

**and Waste Disposal**

| Item No. and Title | Suggested Response | Yes | Alternative Procedures Attached |
|---|---|---|---|
| 7. Individual(s) Responsible for Radiation Safety Program and Their Training and Experience<br><br>7.1 Radiation Safety Officer<br><br>Name: John R. Matschner, Jr.<br>JENDCO Corporation | Before obtaining licensed materials, the proposed RSO will have successfully completed the training described in Criteria in the section "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 4, dated October 1998.<br><br>**AND**<br><br>Before being named as the RSO, future RSOs will have successfully completed the training described in Criteria in the section "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 4, dated October 1998. Within 30 days of naming a new RSO, we will submit the new RSO's name to NRC to include in our license. | [X] | [ ] |
| 7. Individual(s) Responsible for Radiation Safety Program and Their Training and Experience<br><br>7.2 Authorized Users | PROPOSED AUTHORIZED USERS:<br><br>Before using licensed materials, authorized users will have successfully completed the training described in Criteria in the section "Authorized Users" in NUREG-1556, Vol. 4, dated October 1998. | [X] | [ ] |
| 8. Training for Individuals Who in the Course of Employment are Likely to Receive Occupational Doses of Radiation in Excess of 1 mSv (100 mrem) in a Year (Occupationally Exposed Workers) and Ancillary Personnel | The applicant is not required to, and should not, submit its training program, for individuals who in the course of employment are likely to receive occupational doses of radiation in excess of 1 mSv (100 mrem) in a year (occupationally exposed workers) and ancillary personnel, to the NRC for review during the licensing phase. | Need Not Be Submitted with Application | |
| 9. Facilities and Equipment | We will ensure that the location of each fixed gauge meets the Criteria in the section entitled "Facilities and Equipment" in NUREG-1556, Vol. 4, dated October 1998. | [X] | [ ] |
| 10. Radiation Safety Program - Audit Program | The applicant is not required to, and should not, submit its audit program to the NRC for review during the licensing phase. | Need Not Be Submitted with Application | |
| 10. Radiation Safety Program - Survey Instruments | Surveys pursuant to 10 CFR 20.1501 will be performed by a person specifically authorized by the NRC or an Agreement State to perform these surveys.<br><br>**OR**<br><br>We will use instruments that meet the Criteria in the section entitled "Radiation Safety Program - Instruments," in NUREG-1556, Vol. 4, dated October 1998, and *one* of the following:<br><br>Each survey meter will be calibrated by the manufacturer or other person authorized by the NRC or an Agreement State to perform survey meter calibrations.<br><br>**OR**<br><br>We will implement the model survey instrument calibration program in Appendix I to NUREG-1556, Vol. 4, dated October 1998. | [X] | [ ] |
| 10. Radiation Safety Program - Material Receipt and | Physical inventories will be conducted at intervals not to exceed 6 months or at other intervals approved by | [X] | [ ] |

| | | | |
|---|---|---|---|
| Accountability | the NRC, to account for all sealed sources and devices received and possessed under the license. | | |
| 10. Radiation Safety Program - Occupational Dosimetry | We will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the Criteria in the section entitled "Radiation Safety Program - Occupational Dosimetry," in NUREG-1556, Vol. 4, dated October 1998. | [X] | [ ] |
| 10. Radiation Safety Program - Public Dose | The applicant is not required to submit a response to the public dose section during the licensing phase. However, during NRC inspections, licensees must be able to provide documentation demonstrating, by measurement or calculation, that the total effective dose equivalent to the individual likely to receive the highest dose from the licensed operation does not exceed the annual limit for individual members of the public. | Need Not Be Submitted with Application | |
| 10. Radiation Safety Program - Operating and Emergency Procedures | If the gauge meets one or more of the safety conditions specified in "Discussion,"in the section entitled "Radiation Safety Program-Operating Emergency Procedures," in NUREG-1556, Vol. 4, dated October 1998 state the following: | [X] | [ ] |
| | Operating and emergency procedures will be developed, implemented, maintained, and distributed, and will meet the Criteria in the section entitled "Radiation Safety Program - Operating and Emergency Procedures," in NUREG-1556, Vol. 4, dated October 1998. | | |
| | For each gauge requested that does not meet one or more of the safety conditions specified in "Discussion," in the section entitled "Radiation Safety Program-Operating Emergency Procedures," in NUREG 1556, Vol. 4, dated October 1998 provide your operating, emergency and lock-out (if applicable) procedures to NRC for review. | [ ] Procedures Attached | |
| 10. Radiation Safety Program - Leak Test | Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the Sealed Source and Device Registration Certificate. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions. | [X] | [ ] |
| | **OR** | | |
| | We will implement the model leak test program published in Appendix M to NUREG-1556, Vol. 4, dated October 1998. | [ ] | |
| 10. Radiation Safety Program - Maintenance | **ROUTINE MAINTENANCE**<br><br>We will implement and maintain procedures for routine maintenance of our fixed gauges according to each manufacturer's or distributor's written recommendations and instructions. | | [ ] |
| | **NON-ROUTINE MAINTENANCE OPERATIONS**<br><br>The gauge manufacturer, distributor or other person authorized by NRC or an Agreement State will perform non-routine operations such as installation, initial radiation survey, repair, and maintenance of components related to the radiological safety of the gauge, gauge relocation, replacement, and disposal of sealed sources, alignment, or removal of a gauge | [X] | [ ] The information listed in Appendix N supporting a request to perform non-routing operations in-house is attached |

| | | | |
|---|---|---|---|
| | from service. | | |
| 10. Radiation Safety Program - Transportation | The applicant is not required to submit its response to transportation during the licensing process; this issue will be reviewed during inspection. However, the licensee should develop, implement, and maintain transportation procedures according to NRC and DOT regulations. | Need Not Be Submitted with Application | |
| 10. Radiation Safety Program - Fixed Gauges Used at Temporary Job Sites | This is not applicable to our program. We will not use fixed gauges at temporary job sites. | [X] Not Applicable | [ ] |
| | **OR** | | |
| | We will develop, implement, maintain and distribute procedures that meet the Criteria in the section entitled "Radiation Safety Program - Fixed Gauges Used at Temporary Job Sites" in NUREG-1556, Vol. 4, dated October 1998. | [ ] | |
| 10. Radiation Safety Program - Minimization of Contamination | The applicant is not required to submit a response to minimization of contamination if the applicant's responses meet the criteria for the following sections: Radioactive Material - Sealed Sources and Devices, Facilities and Equipment, Radiation Safety Program - Operating and Emergency Procedures, Radiation Safety Program - Leak Testing, and Waste Management - Gauge Transfer and Disposal. | Need Not Be Submitted with Application | |
| 11. Waste Management - Gauge Disposal & Transfer | The applicant is not required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program. | Need Not Be Submitted with Application | |

**JENDCO**
corporation

October 03, 2007

Glenshaw Glass Company
Dawn Dietz, General Manager
1101 William Flynn Highway
Glenshaw, PA 15116

Dear Dawn,

Attached is the information that we discussed:

Radiation Safety Officer for Glenshaw Glass Co. will be John R. Matschner Jr.

JENDCO Corporation will conduct a quarterly audit of the facility.
The documentation for the audit will be maintained at JENDCO Corporation.

Specific personnel who work around the devices located at Glenshaw Glass Co. will be trained by JENDCO Corporation on the following:

A.L.A.R.A.
Radiation protection
Emergency procedures

In the event of an emergency, Glenshaw Glass Co. will notify JENDCO Corporation.
JENDCO Corporation's 24 hour emergency number is (412) 782-1957.

Best Regards,

John R. Matschner, Jr.
JENDCO Corporation

**Qualifications and training experience are as follows:**

**JENDCO Corporation: Pittsburgh, PA**

President and Radiation Officer of JENDCO Corporation.
(see attached license # 37-30382-01)

**APPLIED HEALTH PHYSICS: Pittsburgh, PA**

**40 hour RSO training course**

Basic Physics and scientific principles
Types of Radiation
Radiation terminology
Equations and calculations
Biological effects of radiation
A.L.A.R.A.
Radiation protection
Emergency procedures
Regulations
Specific and General license
Leak test procedures
Receiving and Shipping

**BERTHOLD TECHNOLOGIES: WILDBAD, GERMANY**

**40 hour training course**

Physics
Radiation exposure and dose rate
Equations and Calculations
A.L.A.R.A.
Source construction
Shielding construction and maintenance
Radiation protection and safety procedures
Leak testing and shutter testing
Surveying
Emergency Procedures

NRC FORM 374 U.S. NUCLEAR REGULATORY COMMISSION PAGE 1 OF 5 PAGES

Amendment No. 5

# MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

| Licensee | In accordance with the letter dated November 27, 2002, |
|---|---|
| 1. JENDCO Corporation | 3. License number 37-30382-01 is amended in its entirety to read as follows: |
| 2. 368 Butler Street<br>Pittsburgh, Pennsylvania 15223 | 4. Expiration date May 31, 2007 |
| | 5. Docket No. 030-34261<br>Reference No. |

| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
|---|---|---|
| A. Iron 55 | Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State | A. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| B. Cobalt 60 | B. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | B. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| C. Nickel 63 | C. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | C. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |

NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION PAGE 2 of 5 PAGES

License Number
37-30382-01

Docket or Reference Number
030-34411

Amendment No. 5

**MATERIALS LICENSE**
**SUPPLEMENTARY SHEET**

| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
|---|---|---|
| D. Krypton 85 | D. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | D. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| E. Strontium 90 | E. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | E. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| F. Cadmium 109 | F. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | F. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| G. Cesium 137 | G. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | G. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |

NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION PAGE 3 OF 5 PAGES

**MATERIALS LICENSE**
**SUPPLEMENTARY SHEET**

License Number: 37-30382-01
Docket or Reference Number: 030-34411
Amendment No. 5

| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
|---|---|---|
| H. Cerium 144 | H. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | H. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| I. Promethium 147 | I. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | I. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| J. Americium 241 | J. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | J. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |
| K. Curium 244 | K. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State. | K. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |

NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION PAGE 4 of 5 PAGES

License Number
37-30382-01

Docket or Reference Number
030-34411

Amendment No. 5

**MATERIALS LICENSE**
**SUPPLEMENTARY SHEET**

| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
|---|---|---|
| L. Cobalt 60 | L. Leak test samples | L. See condition 12 |
| M. Cesium 137 | M. Leak test samples | M. See condition 12 |
| N. Americium 241 | N. Leak test samples | N. See condition 12 |

9. Authorized use:

A. through K. For possession incidental to service for other persons as defined in 10 CFR 20.1003 for:

(1) Installation, initial radiation surveys, relocation, removal from service, dismantling, alignment, replacement, disposal of the sealed source and non-routine maintenance or repair of components related to the radiological safety of ABB Process Automation, Inc.; Apgee Corporation; Berthold Systems, Inc.; Berthold Technologies U.S.A., LLC; Data Measurement Corporation; Flow Measurement Systems; Gamma Instruments; GE Reuter-Stokes; Ludlum Measurements, Inc.; LFE Corporation; Ohmart Corporation; Rosemount; TN Technologies, Inc.; Sangamo West; Thermo Systems, Inc. devices that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an agreement state.

(2) Leak test sample collection.

L. through N. Analysis of leak test samples as a service for other persons as defined in 10 CFR 20.1003.

**CONDITIONS**

10. Licensed material listed in items 6.A through 6.N. may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material. Licensed material listed in items 6.L. and 6.N. may also be used at the licensee's facility located at 388 Butler Street, Pittsburgh, Pennsylvania.

11. A. Licensed material shall be used by, or under the supervision and in the physical presence of, John R. Matschner, Jr. or individuals who have satisfactorily completed the training program described in the letters dated April 30, 1997 and November 6, 1998.

B. The Radiation Safety Officer for this license is John R. Matschner, Jr.

NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION PAGE 5 of 9 PAGES

License Number
37-30362-01

Docket or Reference Number
030-34411

Amendment No. 5

**MATERIALS LICENSE**
**SUPPLEMENTARY SHEET**

12. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.

13. Sealed sources containing licensed material shall not be opened by the licensee.

14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated March 6, 199
B. Letter dated March 21, 1997
C. Letter dated April 30, 1997
D. Letter dated May 28, 1998
E. Application dated October 1
F. Letter dated Novembar 6, 1
G. Letter dated December 11, 1
H. Letter dated January 16, 2001
I. Facsimile dated February 15, 2001
J. Letter dated January 14, 2003

For the U.S. Nuclear Regulatory Commission

Date February 4, 2003

By
Judith A. Joustra
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406-1415

24929906