

**Glenn O. Hawbaker, Inc.**  
**711 East College Ave.**  
**Bellefonte, PA 16823**

Date:	<u>March 17, 2005</u>
Number of pages including cover sheet:	<u>8</u>

*P-3*

To: NRC
<u>Kathy Modes</u>
_____
_____
_____
_____
Phone: <u>610-337-5251</u>
Fax phone: <u>610-337-5269</u>
CC: _____

From:	<i>37-19636-01</i>
<u>Curtis B. Moore</u>	<i>020 19010</i>
<u>Director of Health and Safety</u>	
<u>cbm@goh-inc.com</u>	
_____	
_____	
Phone: <u>814-359-5089</u>	
Fax phone: <u>814-359-5086</u>	

REMARKS:     Urgent     For your review     Reply ASAP     Please comment

Hope this is as you require. Thanks for your help.

*136262*  
NMCC/RGNI MATERIALS-002

APPENDIX A

<p>NRC FORM 313 U. S. NUCLEAR REGULATORY COMMISSION</p> <p>APPROVED BY OMB: NO. 3160-0120</p> <p>EXPRES-08/31/2002</p> <p>18-1299 10 CFR 30.32, 33 34, 35, 36, 39 and 40</p> <p><b>APPLICATION FOR MATERIAL LICENSE</b></p> <p>Estimated burden per response to comply with this mandatory information collection request 7.4 hours. Submission 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 Management Branch (7-8 EB) U.S. Nuclear Regulatory Commission, Washington, DC 20545-0001, or by internet email to: nrc18@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10702, (5150-0120), 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, NRC may not conduct or sponsor, and a person is not required to respond to, this information collection.</p>	
<p><b>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</b></p>	
<p>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</p> <p>DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20545-0001</p> <p>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</p> <p>IF YOU ARE LOCATED IN:</p> <p>CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:</p> <p>LICENSING ASSISTANT SECTION NUCLEAR MATERIALS SAFETY BRANCH U. S. NUCLEAR REGULATORY COMMISSION REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415</p> <p>ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:</p> <p>SAM MUMF ATLANA FEDERAL CENTER U. S. NUCLEAR REGULATORY COMMISSION, REGION II 81 FORSYTH STREET S.W., SUITE 2578A ATLANTA, GEORGIA 30203-8931</p>	<p>IF YOU ARE LOCATED IN:</p> <p>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</p> <p>MATERIALS LICENSING SECTION U. S. NUCLEAR REGULATORY COMMISSION, REGION III 601 WARRENVILLE RD. L.S.E. 2, 60632-4351</p> <p>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:</p> <p>NUCLEAR MATERIALS LICENSING SECTION U. S. NUCLEAR REGULATORY COMMISSION, REGION IV 511 RYAN PLAZA DRIVE SUITE 400 ARLINGTON TX 75011-3064</p> <p style="text-align: right; font-size: 2em;">03019010</p>
<p>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.</p>	
<p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A NEW LICENSE</p> <p><input checked="" type="checkbox"/> B AMENDMENT TO LICENSE NUMBER <u>37-19636-01</u></p> <p><input type="checkbox"/> C RENEWAL OF LICENSE NUMBER _____</p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)</p> <p>Glenn O. Hawbaker, Inc. P.O. Box 135 1952 Waddle Road State College, PA 16804</p>
<p>3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>711 East College Ave, Bellefonte, PA 679 Rich Highway, DuBois, PA 2801 Canfield Lane Montoursville, PA</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>Curtis B. Moore TELEPHONE NUMBER 814-359-5089 FAX NO. 814-359-5086</p>
<p>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</p>	
<p>5. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time</p>	<p>8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED</p>
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE</p>	<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</p>
<p>9. FACILITIES AND EQUIPMENT.</p>	<p>10. RADIATION SAFETY PROGRAM.</p>
<p>11. WASTE MANAGEMENT</p>	<p>12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)</p> <p>FEE CATEGORY _____ AMOUNT _____</p> <p>ENCLOSED: _____</p>
<p>13. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT</p> <p>THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMANCE WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF</p> <p>WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 (2 STAT. 748) 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</p>	
<p>CERTIFYING OFFICER - TYPE PRINTED NAME AND TITLE</p> <p>Curtis B. Moore Director of Health, Safety</p>	<p>SIGNATURE</p> <p><i>Curtis B. Moore</i></p> <p>DATE</p> <p>3-17-05</p>
<p><b>FOR NRC USE ONLY</b></p>	
<p>TYPE OF FEE</p>	<p>FEE LOG</p>
<p>FEE CATEGORY</p>	<p>AMOUNT RECEIVED</p>
<p>APPROVED BY</p>	<p>CHECK NUMBER</p>
<p>DATE</p>	<p>COMMENTS</p>

## **Appendix B**

### **Suggested Format for Providing Information Requested in Items 5 through 11**

APPENDIX B

**ITEMS 5 AND 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		Cesium-137	Sealed source manufacturer or distributor and model number: <hr/> Device manufacturer or distributor and model number: <u>Troxler Electronics</u> Models: 3411 3430 3440 4640-B	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input type="checkbox"/> Specific description of the gauge use: <u>Density</u> <u>Measurement</u>	<input checked="" type="checkbox"/> Not applicable <hr/> <input type="checkbox"/> Uses are: <hr/> (Submit safety analysis supporting safe use)
X		Americium-241	Sealed source manufacturer or distributor and model number: <hr/> Device manufacturer or distributor and model number: <u>Troxler Electronics</u> Models: 3411 3430 3440 4640-B	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input type="checkbox"/> Specific description of the gauge use: <u>Density</u> <u>Measurement</u>	<input checked="" type="checkbox"/> Not applicable <hr/> <input type="checkbox"/> Uses are: <hr/> (Submit safety analysis supporting safe use)

APPENDIX B

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
	X	Californium-252	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 <input type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____	<input type="checkbox"/> Not applicable <input type="checkbox"/> 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 <input type="checkbox"/> Specific description of the gauge use: _____	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use)
X	<i>Financial Assurance Required and Evidence of Financial Assurance Provided</i>					

APPENDIX B

**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
<p>7. <b>INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE – RADIATION SAFETY OFFICER</b></p> <p>Name: <u>Kurtis M. Packer</u></p>	<p>Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience – Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>8. <b>TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</b></p>	<p>Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>9. <b>FACILITIES AND EQUIPMENT</b></p>	<p>No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."</p>	<p>Separate Item 9 Response</p> <p>Need Not Be Submitted With Application</p>	
<p>10. <b>RADIATION SAFETY PROGRAM – AUDIT PROGRAM</b></p>	<p>The applicant is <i>not</i> required to, and should not, submit its audit program to NRC for review during the licensing phase.</p>	<p>Need Not Be Submitted With Application</p>	
<p>10. <b>RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES</b></p>	<p>The applicant is <i>not</i> required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.</p>	<p>Need Not Be Submitted With Application</p>	
<p>10. <b>RADIATION SAFETY PROGRAM – SURVEY INSTRUMENTS</b></p>	<p>We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



