



April 30, 2012

U.S. Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

LI

MS-16

Attention: Sattar Lodhi, Ph.D.
Senior Health Physicist

03033206

Reference: STV Incorporated - License No. 06-30049-01
Mail Control Number - 577386

Subject: Proposed Amendment to License

Dear Dr. Lodhi:

STV's materials license allows for storage and use of two portable gauges. I am writing to amend Condition No. 8 of our license to increase the amount of nuclear material we possess to allow for additional gauges (up to 5). We are in the process of purchasing a third CPN gauge.

Attached is an application for license amendment and backup material to complete items 5 & 6 of form 313.

We also want to update the section the locations for storage of the gauges. One project location is being eliminated and a new project location is being added.

Please contact me directly if you have any questions or require additional information concerning this request.

Very truly yours,

STV Incorporated

James E. Sherwonit, PE
Vice President/Radiation Safety Officer

JES/az

577386

NMSS/RGN1 MATERIALS-002

<p>NRC FORM 313 (1-2012) 10 CFR 30, 32, 33, 34, 35, 39, 39, and 40</p> <p style="text-align: center;">U.S. NUCLEAR REGULATORY COMMISSION</p> <p style="text-align: center; font-size: 1.2em;">APPLICATION FOR MATERIALS LICENSE</p>	<p style="text-align: right;">APPROVED BY OMB: NO. 3160-0120 EXPIRES: (02/31/2012)</p> <p><small>Estimated burden per response to comply with this mandatory collection request: 4.3 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 Information Services Branch (T-5 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to InfoContacts.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-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.</small></p>
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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.

<p>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</p> <p style="text-align: center;"><small>OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001</small></p> <p>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</p> <p>IF YOU ARE LOCATED IN:</p> <p><small>ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,</small></p> <p>SEND APPLICATIONS TO:</p> <p style="text-align: center;"><small>LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415</small></p>	<p>IF YOU ARE LOCATED IN:</p> <p><small>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</small></p> <p style="text-align: center;"><small>MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352</small></p> <p><small>ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING,</small></p> <p>SEND APPLICATIONS TO:</p> <p style="text-align: center;"><small>NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1808 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511</small></p>
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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>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>06-30049-01</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>STV Incorporated 80 Ferry Boulevard Stratford, CT 06615</p>
<p>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>STV Incorporated 80 Ferry Boulevard Stratford, CT 06615 (and other temporary job sites of licensee)</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>James E. Sherwonit, PE</p> <p>TELEPHONE NUMBER</p> <p style="text-align: center;">(203) 375-0521</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>6. RADIOACTIVE MATERIAL</p> <p><small>a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.</small></p>	<p>6. 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. LICENSE FEES (See 10 CFR 170 and Section 170.31)</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">FEE CATEGORY <u>Amendment</u></td> <td style="width:30%;">AMOUNT ENCLOSED \$</td> </tr> </table>	FEE CATEGORY <u>Amendment</u>	AMOUNT ENCLOSED \$
FEE CATEGORY <u>Amendment</u>	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, 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, 1949 (2 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.

<p>CERTIFYING OFFICER - TYPE/PRINTED NAME AND TITLE</p> <p>James E. Sherwonit, PE VICE PRESIDENT</p>	<p>SIGNATURE</p> <p style="text-align: center;"><i>James E. Sherwonit</i></p>	<p>DATE</p> <p style="text-align: center;">4/9/2012</p>			
FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

STV Incorporated

**STV INCORPORATED
80 FERRY BOULEVARD
STRATFORD, CT 06615**

NRC LICENSE NO. 06-30049-01

INFORMATION PERTAINING TO APPLICATION FOR LICENSE AMENDMENT DATED 04-09-2012.

This application for license amendment is for the addition of portable gauging devices to our current license.

We are hereby requesting authorization for up to 5 CPN Model Series MC devices.

The radioactive materials to be added for these additional gauges are as described in the attached responses to Items 5 and 6.

The responses to questions 7 through 11 are per our current license and are not being modified under this application.

STV would also like to **remove** the field office location at

Fairfield Station Project Field Office

26 Frank Street

Fairfield, CT

Only sealed sources where stored at this location.

Sealed source leak tests were performed as required.

No leaking sources have ever been identified.

and **add** a field office location:

STV Incorporated

New Britain –Hartford Busway Project Field Office

697 Cedar Street

Newington, CT 06111

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: <u>CPN-131</u> Device manufacturer or distributor and model number: <u>CPN-MC Series</u>	Not to exceed either the maximum activity per source or maximum activity per device as specified in Scaled Source and Device Registration Certificate 50 milliecurie	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: Measuring in-place density of soil & paving materials per SSD sheets	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
	X	Americium-241	Sealed source manufacturer or distributor and model number: <u>CPN-131</u> Device manufacturer or distributor and model number: <u>CPN-MC Series</u>	Not to exceed either the maximum activity per source or maximum activity per device as specified in Scaled Source and Device Registration Certificate 250 milliecurie	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: Measuring in-place density of materials per SSD sheets	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)