UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 2, 2018

James Carros, Owner
Bristol Instrument Gears
164 Central Street, rear
Bristol, CT 06010

SUBJECT: SESSIONS CLOCK COMPANY–2 RESULTS OF INITIAL SITE VISIT AND SCOPING SURVEY

Dear Mr. Carros:

I am writing to provide you with the results of the U.S. Nuclear Regulatory Commission's (NRC's) February 7, 2017 initial site visit and April 25-26, 2017 scoping survey for your property at 164 Central Street, rear, Bristol, Connecticut. The initial site visit and scoping survey results are summarized below and are discussed in further detail in the enclosed report.

While the NRC staff's ability to access and survey the site was limited because portions of the indoor areas were occupied by machining equipment and business related items, the survey did not identify any contamination above indoor background levels. Likewise, portions of the outdoor areas included terrain that limited access for surveying.

The NRC staff found an area behind your building with elevated radiation emissions resulting from contaminated soil. Exposure rate measurements obtained in this area approached the NRC's 40 microrem per hour threshold established in the NRC's Temporary Instruction 2800/043 (Agencywide Documents Access and Management System [ADAMS] Accession Number ML16035A053) for implementing controls, as communicated to you on March 15, 2017. In this area, we collected additional information by obtaining and analyzing soil, sediment, and water samples. It is the NRC's understanding that, in general, this contaminated area is not regularly occupied for appreciable lengths of time due to its proximity to the river, rough terrain, and the steep slope leading to the river. Because the criterion for implementing controls in NRC's Temporary Instruction 2800/043 will not be exceeded, based on the survey results and current use of the area, the NRC staff concludes that no additional access controls are appropriate, provided that the identified contaminated soil is not disturbed and the occupancy of the area remains minimal.

However, the soil sampling results indicate that remediation of the contaminated area will be required to meet the NRC's unrestricted use limit of 25 millirem per year (mrem/yr) (10 CFR 20.1402). The contaminated soil is located in an estimated 20 meter by 8 meter area, and the depth of contamination may extend below the 1-meter sample collection depth obtained during the scoping survey. The scoping survey the NRC performed does not constitute full characterization of the contamination at the site. Additional work is necessary to determine the full extent of contamination and the cleanup required to meet the NRC's unrestricted use limit of 25 mrem/yr (10 CFR 20.1402). Be aware that remediation activities pursued at your site may also require that you meet specific State requirements and standards.

As discussed in a previous communication (ADAMS Accession Number ML16277A314), site remediation is the responsibility of the site owner. NRC staff is aware that the U.S. Environmental Protection Agency (EPA) has assigned an On-Scene Coordinator to work with you on site access and to perform a site assessment. This site assessment will help EPA determine whether a Federal response action is appropriate. If EPA determines that they will take action at your property, NRC staff will seek to work collaboratively with them and the State of Connecticut.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of ADAMS. ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html.

We will be contacting you in the near future to answer any questions you may have regarding this letter. Additionally, you may also contact Mr. Stephen Koenick, Chief of the Materials Decommissioning Branch within the Division of Decommissioning, Uranium Recovery and Waste Programs in the Office of Nuclear Materials Safety and Safeguards at (301) 415-6631, or Mr. Richard Chang, Project Manager, at (301) 415-5888.

Sincerely,

/RA/

John R. Tappert, Director
Division of Decommissioning, Uranium Recovery
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket No.: 03039005

Enclosure: Site Status Report

REGISTERED LETTER – RETURN RECEIPT REQUESTED

SUBJECT: SESSIONS CLOCK COMPANY–2 RESULTS OF INITIAL SITE VISIT AND SCOPING SURVEY

DOCUMENT DATE: February 2, 2018

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