



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

June 19, 2017

Mr. Daniel Fournier  
J & D Capital LLC  
PO Box 2273  
Waterbury, CT 067220

SUBJECT: WATERBURY CLOCK COMPANY- 5—RESULTS OF INITIAL SITE VISIT AND RECOMMENDATIONS

Dear Mr. Fournier:

I am writing to provide you with the U.S. Nuclear Regulatory Commission's (NRC's) results of its December 13, 2016, and February 8, 2017, site visits to your property at 205 Cherry Street, Waterbury, Connecticut. As outlined in our letter to you dated October 6, 2016, NRC staff conducted a site visit to your property to determine if there is residual radium contamination from the historic manufacturing of radium watches. The results are summarized below and are discussed in further detail in the enclosed report.

During NRC staff's initial site visit, the staff conducted radiation surveys over approximately 75 percent of the accessible area. The surveys focused on potentially contaminated areas identified in historic surveys. Our ability to access and survey the site was limited because significant portions of the site were being used for storage. In areas where we identified elevated radiation levels, we conducted additional measurements to test for transferable contamination. The NRC's survey results confirm the results collected in historical surveys performed at your site.

On Floors 1 and 2, we surveyed comprehensively and found no radium contamination.

On Floor 3, we surveyed approximately 50 percent and identified radium contamination at several discrete locations. Because portions of the third floor have been converted for residential use, all contamination identified on the third floor was evaluated conservatively, assuming a residential use scenario (i.e., 6,800-hour annual occupancy) as established in the NRC's Temporary Instruction (TI) 2800/043 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML16035A053). As conservatively modeled by the NRC, the contamination identified does not exceed the NRC's dose limit of 25 millirem per year for unrestricted use in 10 CFR 20.1402.

On Floors 4 and 5, we were unable to complete our survey because approximately 90 percent of these floors were inaccessible. Access was severely restricted due to the floor's current configuration. However, in the limited areas in which we were able to survey, some radium contamination was identified at lower levels to that of the 3<sup>rd</sup> floor.

Because the surveying was so limited on Floors 4 and 5, a public dose assessment for these floors could not be made at this time. To ensure the health and safety of current or future occupants of these floors, the NRC is willing to return and perform a scoping survey of floors 4 and 5 at no cost, provided we are able to access these floors and can complete the surveys by

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June 2018. As part of any cleanup effort or reduction in storage for these floors, you may wish to consult with an NRC or Agreement State licensed service provider to ensure that there is limited potential for radiological contamination to be spread.

Please be aware that activities at your site may also be subject to State requirements and standards.

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 contact you in the near future to answer any questions you may have regarding this report, but if you have any immediate questions, please contact Mr. Stephen Koenick, Chief, Materials Decommissioning Branch, Division of Decommissioning, Uranium Recovery and Waste Programs, 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. 03038962

Enclosure: Site Visit Report

REGISTERED LETTER – RETURN RECEIPT REQUESTED

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SUBJECT: WATERBURY CLOCK COMPANY- 5—RESULTS OF INITIAL SITE VISIT AND  
RECOMMENDATIONS DATED June 19, 2017

**DISTRIBUTION:**

RidsRgn1MailCenter R. Powell, RI T. Jackson, RI R. Chang, NMSS

RidsRgn3MailCenter RidsRgn4MailCenter L.Kauffman, RI

**ADAMS Accession No.: ML17068A331 (Package)**

<b>OFFICE</b>	DUWP	DUWP	DUWP/LA	DUWP	RI/HP	RI/DNMS
<b>NAME</b>	RChang	DMisenhimer	CHolston	CGrossman	TJackson	LKauffman
<b>DATE</b>	3/13/17	3/10/17	3/15/17	3/27/17	3/27/17	4/11/17
<b>OFFICE</b>	RI/DNMS	DUWP	OGC (NLO)	DUWP		
<b>NAME</b>	RPowell	SKoenick	AWase	JTappert		
<b>DATE</b>	4/11/17	5/25/17	5/12/17	6/19/17		

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