



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

August 16, 2017

David Albert
FIC, LLC
61 East Main Street
Bristol, CT 06010

SUBJECT: FORMER SESSIONS CLOCK COMPANY 1 – REPORT OF RESULTS OF
RADIOLOGICAL SURVEYS

Dear Mr. Albert:

I am writing to provide you with the U.S. Nuclear Regulatory Commission's (NRC's) results of its December 19–21, 2016, initial site visit and February 1, 2017, follow-on site visit to your property at 61 East Main Street, Bristol, Connecticut. The results are summarized below and are discussed in further detail in the enclosed report.

During the NRC staff's initial site visit, the staff conducted radiation surveys within accessible areas in the main structures. The surveys focused on potentially contaminated areas identified in historic surveys. Radiation levels measured were compared with natural background and with the radiation standards as described in the NRC's procedure, Temporary Instruction (TI) 2800/043 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML16035A053). In areas where we identified elevated radiation levels, we conducted additional measurements to test for removable contamination. Of the buildings surveyed, approximately 20-75% of the accessible floor area for each building was surveyed. The interior of two buildings were not surveyed due to one building being newer than the timeframe of radium use and the other being deemed unsafe to enter and unoccupied.

As we discussed during our visit, the NRC staff found some of the exposure rate measurements from the radiation surveys on the 4th floor of your Building B and 3rd floor of your Building D to be elevated. The contamination identified 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 evaluated 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.

It is our understanding that that the NRC's survey results confirm the results collected in previous independent surveys performed on your site.

The NRC staff concludes, based on radiological conditions observed during the initial site visit and review of property history, that: 1) there are discrete sources of radium-226 on the portions of the properties that were evaluated; 2) the NRC staff does not require further action from you because potential radiological doses meet the NRC's unrestricted use criterion in 10 CFR 20.1402; and 3) a follow-up scoping survey is not required as it would be unlikely to yield additional information.

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 NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions on this letter, 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. David Misenhimer, Project Manager, at (301) 415-6590.

Sincerely,

/RA/

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

Docket Nos. 03038971

Enclosure:
Site Status Report for 61 East Main Street

REGISTERED LETTER – RETURN RECEIPT REQUESTED

SUBJECT: FORMER SESSSIONS CLOCK COMPANY 1 – REPORT OF RESULTS OF
RADIOLOGICAL SURVEYS, DATED AUGUST 16, 2017

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