



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

September 18, 2017

Doug Moore
Connecticut Department of Public Works
165 Capitol Avenue
Hartford, CT 06106

SUBJECT: FORMER HART AND HEGEMAN MANUFACTURING COMPANY-2 – RESULTS
AND CONCLUSIONS OF THE U.S. NUCLEAR REGULATORY COMMISSION'S
INITIAL SITE VISIT

Dear Mr. Moore:

I am writing to provide you with the U.S. Nuclear Regulatory Commission's (NRC's) results of its June 23, 2017, site visit to your property at 340-342 Capitol Avenue, Hartford, Connecticut. NRC staff conducted a site visit to your property to determine if there is residual radium contamination from the historic manufacturing of luminous radium flush switches and pull-chain pendants. The results are summarized below and are discussed in further detail in the enclosed report.

As described in our site summary, attached to our letter dated January 10, 2017, the buildings associated with the former Hart and Hegeman Company were torn down as part of a redevelopment project. Based on the history of the property and its redevelopment, NRC staff considered the likelihood of discrete sources of radium-226 (Ra-226) being located within the existing property structures to be negligible.

As discussed within the enclosed report, NRC staff performed radiological surveys consisting of gamma radiation scans and exposure rate measurements. Surveys covered a minimum of 50 percent of the accessible area, as the site is covered by asphalt and other objects which restrict access to the areas where informative surveys can be performed. With the redevelopment history of the site, it is assumed that the soil surveyed in the surface scans is representative of the currently inaccessible surface soil covered by existing structures. The NRC did not survey under the current parking lot.

NRC staff concludes, based on radiological conditions observed during the initial site visit and review of property history, that: 1) there is no indication of discrete sources of Ra-226 on the portion of the property that was evaluated; and 2) a follow-up scoping survey is not required as it would be unlikely to yield additional information.

Given the conclusions above, no further actions are needed from you at this time.

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 Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

D. Moore

-2-

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. 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 Nos. 03039017

Enclosure:

1. Site Status Report for the Former Hart and Hegeman Manufacturing Company

REGISTERED LETTER – RETURN RECEIPT REQUESTED

SUBJECT: FORMER HART AND HEGEMAN MANUFACTURING COMPANY-2 – RESULTS
AND CONCLUSIONS OF NRC’S INITIAL SITE VISIT
DATED September 18, 2017

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