



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

September 14, 2017

Scott Appleby
City of Bridgeport
45 Lyon Terrace
Bridgeport, CT 06604

SUBJECT: BRYANT ELECTRIC COMPANY-1 and 3 – RESULTS AND CONCLUSIONS OF
THE U.S. NUCLEAR REGULATORY COMMISSION'S INITIAL SITE VISIT

Dear Mr. Appleby:

I am writing to provide you with the results of the U.S. Nuclear Regulatory Commission (NRC) staff's initial site visit to your properties at 1435 State Street and 485 Howard Avenue, Bridgeport, Connecticut, performed on June 22, 2017.

The purposes of the initial site visit were to: 1) determine if there are health and safety concerns to current property occupants or site visitors; and 2) identify the locations with the potential for contamination and gather information for a scoping survey plan, should it be needed.

As described in our site summary, attached to our letter dated October 6, 2016, the buildings associated with the former Bryant Electric Company were torn down as part of a redevelopment project. Based on the history of the properties and their redevelopment, NRC staff considered the likelihood of discrete sources of radium-226 (Ra-226) being located within the existing property structures to be negligible. Therefore, the initial site visit only focused on the accessible land areas to try and identify any discrete Ra-226 sources in surface soil that may be indicative of additional Ra-226 in subsurface soil.

As discussed within the enclosed reports, NRC staff performed radiological surveys consisting of gamma radiation scans and exposure rate measurements. Surveys covered a minimum of 50 percent to 75 percent of the total site area of each property since both sites are covered by concrete and other objects which restrict access to the areas where informative surveys can be performed. With the redevelopment history of the sites, 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 lots or building foundations.

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 portions of the properties that were 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

S. Appleby

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Documents Access and Management System (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. 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. 03038949, 03038947

Enclosures:

1. Site Status Report for 1435 State Street
2. Site Status Report for 485 Howard Avenue

REGISTERED LETTER – RETURN RECEIPT REQUESTED

SUBJECT: BRYANT ELECTRIC COMPANY-1,3 – RESULTS AND CONCLUSIONS OF
NRC'S INITIAL SITE VISIT **DATED** September 14, 2017

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