



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

September 18, 2017

Bill Gouveia
Chaves Bakery II Inc.
1365 State Street
Bridgeport, CT 06604

**SUBJECT: BRYANT ELECTRIC COMPANY- 2 – RESULTS AND CONCLUSIONS OF THE
U.S. NUCLEAR REGULATORY COMMISSION'S INITIAL SITE VISIT**

Dear Mr. Gouveia:

I am writing to provide you with the U.S. Nuclear Regulatory Commission's (NRC's) results of its June 22, 2017, site visit to your property at 1365 State Street, Bridgeport, 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 luminous radium switches. 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 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 report, NRC staff performed radiological surveys consisting of gamma radiation scans and exposure rate measurements. Surveys covered approximately 50 percent of the total site area of the property since the site is covered by concrete 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 or building foundation.

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 property 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

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. 03038948

Enclosure:

1. Site Status Report for 1365 State Street

REGISTERED LETTER – RETURN RECEIPT REQUESTED

SUBJECT: BRYANT ELECTRIC COMPANY-2 – RESULTS AND CONCLUSIONS OF
NRC'S INITIAL SITE VISIT **DATED September 18, 2017**

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