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February 15, 2019

Mark Matyjas
Senior Industrial Hygienist
Occupational Health and Safety Section
City and County of San Francisco Department of Public Health
101 Grove St, Rm 217
San Francisco, CA 94102

Re: Interim summary of results from the radiological survey of SFPD Facilities at Hunters Point Shipyard, Building 606, January 15 – 16, 2019

Mark –

As you know, a radiological survey of Building 606 and its vicinity was accomplished January 15 – 16. The survey included gamma measurements in both the interior and exterior of the building, and collection of numerous swipe samples from within the building. A report documenting the survey and its results is in preparation. This summary serves to document the survey findings in the interim.

An extensive gamma survey of the interior and exterior of Building 606 gave no indication of any adverse radiological conditions with respect to public health. All measurements were either consistent with, or in many cases, lower than typical ambient background. Scan and direct exposure rate measurements in soil areas surrounding Building 606 were consistent with those from elsewhere in the Bay Area. Measurements were also made at fixed locations along the driving route from Building 606 to the Crisp Road gate and back. None of these measurements differed from background. Exposure rate measurements at locations along the interior perimeter of the building were consistent with those outside, as expected. Gamma exposure rates in the central areas of the building interior are remarkably low. Measurements performed within the building included locations in the subgrade, crawl space area.

A number of swipe samples (for removable radiological contamination) were also collected, including many from undisturbed locations, such as tops of lockers and other surfaces. Swipe samples were also collected from two prefilters recently removed from air handling units for the building and from downstream of the HEPA filters in air handler number AHU1. The purpose of the swipe samples was to screen for the presence of airborne radioactive materials being drawn into the building via the ventilation system or by airborne transport in general. A total of 43 samples were collected in all. The samples were counted on a low-background alpha/beta counter. None of them showed any net radioactivity.

In summary, the radiological investigations performed at Building 606 on January 15 – 16, 2019 gave no indication of radiological contamination or other radiological concerns at that location. From a radiological health perspective, the conditions at Building 606 are no different than any other publicly-accessible location in the Bay Area. This is consistent with prior regulatory agency determinations.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert E. Burns, Jr.", with a long, sweeping flourish extending to the right.

Robert E. Burns, Jr., CHP
NGTS, Inc.