



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
NATIONAL HEALTH AND ENVIRONMENTAL EFFECTS
RESEARCH LABORATORY
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November 11, 2008

OFFICE OF
RESEARCH AND DEVELOPMENT

J-6
MS-16

U.S. Nuclear Regulatory Commission
Attn: Mr. Dennis R. Lawyer
USNRC Region I
Division of Nuclear Materials Safety
475 Allendale Road
King of Prussia, PA 19406-1415

Dear Mr. Lawyer:

03032959

This letter is in reference to NRC License 09-10672-03 in response to NRC letter dated October 16, 2008 (control #142803), request to amend License by decommissioning of 512 Caribbean Avenue, Key Largo, FL.

1. The initial amendment request from EPA in a letter dated March 24, 1995, stated "the isotope will be limited to use in a self contained 8x12 foot trailer at the site of 512 Caribbean Ave., Key Largo, FL." After extensive research and a review by a current EPA staff member that worked at the Key Largo site, we've concluded the isotope(s) were never used in an 8x12 foot trailer, but were used in the NOAA on-site laboratory as mapped in the decommissioning documents (dated September 3, 2008).

2. We will retain decommissioning and waste inventory records for the 512 Caribbean Ave, Key Largo, FL, facility for eventual termination of the license.

3. The name of the facility to be released: NOAA.

- A. Size of the complex (in acres): 0.573 acres; building size: 2000 sq ft; area to be released: 120 sq. ft.
- B. Type of building: general office, residential, laboratory, storage.
- C. Describe the surrounding area: mixed residential and commercial.
- D. General type of activity: general laboratory procedures using bench tops.
- E. Licensed activities ceased: December, 1996.


4. Amount of sealed source material to be on license:

Ni 63: maximum activity of 15 mCi \pm 20%, allowing for a maximum possible activity of 18 mCi times 15 Ni 63 units.

Ba 133: maximum activity of 18.8 uCi \pm 17%, allowing for a maximum possible activity of 22 uCi times 4 Ba 133 units.

Should any questions arise, please contact Dr. Stephanie Friedman, RSO, at 850- 934-2468. Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink that reads "William H. Benson". The signature is written in a cursive, flowing style.

William H. Benson, Ph.D.
Division Director