



DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
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IN REPLY REFER TO

6470  
Ser N456S/8U158017  
08 February 2008

U. S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415  
Attn: Ms O. Masnyk-Bailey

45-23645-01NA  
03029462

Ms. Masnyk-Bailey:

SUBJECT: REQUEST ASSISTANCE IN PREPARING AN ENVIRONMENTAL  
ASSESSMENT TO RELEASE BUILDING 5, MICHELSON  
LABORATORY, ROOM 1613, NAVAL AIR WARFARE CENTER  
WEAPONS DIVISION, CHINA LAKE TO UNRESTRICTED USE

In response to your March 30, 2007 letter (Docket No. 03029462), the Naval Radiation Safety Committee is requesting your assistance in preparing an Environmental Assessment (EA) to release Building 5, Michelson Laboratory, Room 1613, Naval Air Warfare Center Weapons Division, China Lake to unrestricted use. A carbon-14 labelled compound was used in this laboratory to prepare energetic material (explosives) for environmental testing at another off site, non-Navy NRC licensed facility, as authorized by Naval Radioactive Materials Permit (NRMP) No. 04-68937-W1NP. After completion of the EA, the Naval Radiation Safety Committee intends to terminate NRMP No. 04-68937-W1NP.

Enclosure (1) provides the necessary information to prepare the EA. The results of enclosure (1) are sufficient to demonstrate compliance with the license termination rule, 10 CFR 20, Subpart E, for release to unrestricted use. Please note, Section 9.2 of enclosure (1) describes two zip lock bags containing kitty litter mixed with acidic smelling chemicals that were sealed in a white plastic bucket and left in Room 1613. New World Technology determined the bucket contained residues of energetic material labeled with carbon-14 from the chemical process authorized by the NRMP. The activity of carbon-14 in the bucket was estimated as one microcurie. The sealed bucket was moved to Building 30888, a radioactive

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NMSS/RCNT MATERIALS-002

material storage vault, to await disposal as mixed low level radioactive waste.

If you have any further questions regarding this request, please contact either Mr. William Morris or Dr. Steve Doremus at [william.j.morris2@navy.mil](mailto:william.j.morris2@navy.mil), [steve.doremus@navy.mil](mailto:steve.doremus@navy.mil), respectively, or by phone at (757) 887-4692.

Sincerely,



L. L. Fragoso  
Captain, MSC, U.S. Navy  
Executive Secretary  
Naval Radiation Safety Committee

Enclosure: 1. Final Status Survey Report, Bldg. 5 Michelson  
Laboratory, Room 1613, Naval Air Warfare Center  
Weapons Division China Lake, CA

Copy to:  
COMNAVSEASYSKOM (04N)  
NAVSEADET RASO  
NAVAIRSYSKOM (AIR-7.10.1)  
NAWC, China Lake

This is to acknowledge the receipt of your letter/application dated

2/2/2008, and to inform you that the initial processing which includes an administrative review has been performed.

**NOTIFICATION 45-23645-01NA**  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 141920.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.