



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

September 13, 2012

Docket No: 070-00371 (Retired)
License No: SNM-368 (Terminated)

Robert Bonito
UNC General Manager
UNC Naval Products
20 Research Parkway, Unit E
Old Saybrook, CT 06475

SUBJECT: UNC NAVAL PRODUCTS: REQUEST FOR ADDITIONAL INFORMATION
REGARDING DECOMMISSIONING PLAN ADDENDUM FOR THE FORMER
UNITED NUCLEAR CORPORATION MANUFACTURING FACILITY, NEW
HAVEN, CT

Dear Mr. Bonito:

This is in reference to your letter dated July 5, 2012, transmitting your "Decommissioning Plan Addendum for the Former United Nuclear Corporation Manufacturing Facility, New Haven, CT," (ADAMS Accession No.: ML12194A664) for the site at 71 Shelton Avenue.

Per our telephone conversation on September 13, 2012, we discussed the following information, which we will need in order to continue our technical review.

Additional justification is needed regarding groundwater at the site in order to exclude the groundwater pathway from the calculation of the DCGL values. Consistent with Appendix I (Section I.3.3.3.2) and Appendix M (Section M.5.2.1) of NUREG-1757, "Consolidated Decommissioning Guidance, Characterization, Survey, and Determination of Radiological Criteria," Volume 2, Revision 1, appropriate justification for exclusion of the groundwater pathway is generally based on the physical properties of the site. This justification can be based on the groundwater quantity or quality at the site being insufficient to support the use of the groundwater, or the groundwater being too deep to be reasonably pumped. Justification of water quality and quantity of the saturated zone should be based on the classification systems used by the U.S. Environmental Protection Agency (EPA) or the State, as appropriate.

Please provide information regarding the groundwater quality and quantity at the site to support the exclusion of the groundwater pathway in the calculation of the DCGL values. Alternately, provide a revised calculation of the DCGL values that includes the groundwater pathway.

R. Bonito

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Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits, see our toolkit index page**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 579051. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5323.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your request.

Thank you for your cooperation.

Sincerely,

Original signed by Laurie A. Kauffman

Laurie A. Kauffman
Health Physicist
Decommissioning Branch
Division of Nuclear Materials Safety

cc:
John M. Uruskyj, Remedial Project Manager

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Sincerely,

Original signed by Laurie A. Kauffman

Laurie A. Kauffman
Health Physicist
Decommissioning Branch
Division of Nuclear Materials Safety

cc:
John M. Uruskyj, Remedial Project Manager

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SUNSI Review Complete: LKauffman

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