



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 10, 1998

Robert F. Bonito
General Manager for Operations
UNC Naval Products
P. O. Box 981
Uncasville, 06382-0981

SUBJECT: 71 SHELTON AVENUE, NEW HAVEN, CONNECTICUT

Dear Mr. Bonito:

This letter responds to your letter dated June 8, 1998, regarding the U.S. Department of Energy (DOE) agreement that UNC should develop a plan to address the residual contamination at 71 Shelton Avenue, formerly identified as Buildings 3H and 6H, for activities previously authorized by NRC License No. SNM-386, last held by United Nuclear Corporation.

As detailed in our NRC Inspection Report No. 070-00371/96-001, dated July 26, 1996, and again in our letter to you dated April 16, 1998, we requested that you provide to the NRC a plan to further characterize and ultimately remediate, if necessary, the areas with enriched uranium above 30 picocuries/gram of soil or sediments. By your June 8, 1998 letter, you indicated that you will proceed with site characterization using NUREG/CR-5849 as guidance, and should any remediation be necessary, that UNC requests to use the Option 1 criteria delineated in the NRC's Branch Technical Position for "Disposal or Onsite Storage of Thorium or Uranium Wastes from Past Operations," dated October 23, 1981. We are in agreement that, at this particular site, you may use a concentration of 30 pCi/g as an acceptable release criterion for enriched uranium, and that NUREG/CR-5849 provides acceptable guidance for demonstrating that this criterion will be met.

Based on our recent discussions, we understand that additional information regarding a plan will be submitted within a few weeks. We appreciate your cooperation to resolve this matter.

Sincerely,

A handwritten signature in cursive script that reads "Marie Miller".

Marie Miller
Senior Health Physicist
Decommissioning and Laboratory Branch
Division of Nuclear Materials Safety

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

cc: State of Connecticut