



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
US ARMY CHEMICAL SCHOOL
401 MANSCEN LOOP
FORT LEONARD WOOD, MISSOURI 65473-8926

Health Physics Office

14 January 2002

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

SUBJECT: 30 Day Report Pursuant to Part 20.2203.

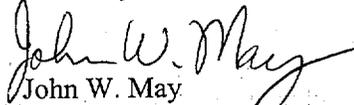
1. This is to inform the U.S. Nuclear Regulatory Commission that radioactive material in excess of the license amount was discovered during excavation at a remediation site. The remediation and decommissioning is being conducted under NRC License number 01-02861-05 issued to the U. S. Army Chemical School. The remediation site is located at coordinates 593300 meters east, 3732500 meters north in Universal Transverse Mercator (UTM) Grid Zone 16. Located in the northwest corner of Pelham Range, National Guard Training Center. Pelham Range was part of Fort McClellan and is located off US Highway 431, northwest of Anniston Alabama. The work is being done by Allied Technology Group under contract with the Army.

2. During excavation of soil containing remedial contamination a number of elevated soil samples, contaminated storage pigs, and a small cobalt 60 source in a shielded container were unearthed. The Chemical School Radiation Protection Officer was informed of this on 14 December. The highest dose rate at 1 foot was 100 mr/hr. No workers received a dose in excess of the ALARA limit. Analysis showed there was approximately 35 millicuries of Cobalt 60 and approximately 5 microcuries of Strontium/Yttrium 90. The license limit was 8 millicuries of cobalt 60 and 0.5 millicuries of cesium 137. An amendment request sent to NRC Region 2 on 21 December requesting that the amount of cobalt 60 on the license be increased to 50 millicuries and an amendment request to NRC Region 2 on 11 January 2002 requested that 1 millicurie of Strontium/Yttrium 90 be added to the license.

3. The items found have been shipped off for disposal. The highly contaminated soil was shipped to the Duratek consolidation facility in Barnwell, SC on 10 January 2002. The remainder of the items were shipped to NSSI in Houston, TX on 11 January 2002.

4. If you have any questions contact Mr. John May at (573) 596-0131, ext 36224.

Sincerely,


John W. May
Health Physics Manager

NMSSOL Public