



Project Summary:

Curtis Bay Depot Decontamination and Decommissioning Project

Location:
Curtis Bay, MD

Government Agency:
Defense National Stockpile Center of the Defense Logistics Agency

Project Timetable:
January 2005 to November 2008

Oak Ridge Associated Universities (ORAU) has provided health physics and radiological survey support to the Defense National Stockpile Center (DNSC) of the Defense Logistics Agency (DLA) at the Curtis Bay Depot (CBD) site in Maryland since January of 2005. CBD is one of several depots across the country that the DNSC is in the process of closing and seeking to terminate associated Nuclear Regulatory Commission (NRC) licenses.

ORAU was tasked with preparing a Decommissioning/Remediation Plan that was submitted to the NRC for approval. The plan provided the framework for all decommissioning activities performed at CBD.

In conjunction with site cleanup, ORAU personnel:

- Performed a historical site assessment (HSA) to plan for future investigations and remediation activities.
- Conducted scoping and characterization surveys of the site to validate the results of the HSA and to provide radiological information for the development of the decontamination scope of work.
- Developed site-specific derived concentration guideline levels (DCGLs) for soil and surface contamination.
- Used Global Positioning Systems (GPS) to perform and record real-time surface scan results over hundreds of acres and identify the location and magnitude of elevated radiation levels.
- Collected soil and other materials for analysis.
- Performed remedial action support surveys to monitor and evaluate the completion of cleanup performed by the remediation contractor.
- Designed and performed final status surveys for buildings, structural surfaces and land areas using the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM).

Partnerships for Innovation



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