



BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Winterization of RPMs at Horne's Ferry

Location: Cape Vincent, New York

Scope: Disassembly and re-installation of radiation portal monitor (RPM) systems and ancillary equipment at the Cape Vincent, NY Ferry Landing

Berner Construction, Inc. was contracted by Pacific Northwest National Laboratory (PNNL), which is operated by Battelle Memorial Institute for the Department of Energy, to complete the winterization and subsequent re-installation of RPMs for the ferry landing in Cape Vincent, New York. The RPMs are under the ownership of the U.S. Customs and Border Protection (CBP) under the Department of Homeland Security but the oversight of the monitors is conducted by PNNL.

The RPMs are used to monitor a single inbound traffic lane at the privately owned and operated Horne's Ferry in Cape Vincent, NY. During the summer months, the ferry operates continuously from Cape Vincent to Wolfe Island, Canada.



Completed RPM Installation

The project scope was to disassemble the newly installed primary and secondary RPM pairs and ancillary equipment for the safe storage during the winter months. The four monitors were de-energized and disassembled. They were then removed using a telehandler and stored adjacent to the storage building at the ferry landing. The wiring was disconnected and coiled inside the below grade vaults. The vault cover was replaced with a flush design winter cover. The RPM systems will be reinstalled and reenergized in the spring when the ferry operations resume.



Removal of RPMs



Winter Storage of RPMs