

D18. DECONTAMINATION BY PENTAK

Pentek Inc. was contracted by a nuclear research laboratory to decontaminate facilities where U.S. Department of Energy work had been conducted. Pentake's MOOSE scabbling robot was leased, along with a trained operator, to remediate radiologically contaminated concrete floors in two former metallurgical process buildings at the facility. The floor was scabbled to the specified depth of 1/6 inch (1.6mm) with the MOOSE's high speed, reciprocating pistons with tungsten carbide cutting bits. Seventy-three 23 gallon (87 liter) drums of dry, scabbled waste were safely processed and packaged through the MOOSE's on-board vacuum system in a one-step, dustless procedure. Remediation of the facilities took thirty days and was accomplished in strict accordance with contamination control procedure.

For more, "Decontamination by Pentek," pg.38, Nuclear Plant Journal, January-February 1996.