

# Leading the Launch



IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

*Delivering a payload of  
responsive technologies*



## Technology Deployment



HOME OF SCIENCE AND ENGINEERING SOLUTIONS



## Sponge-Jet's Sponge Blasting System™

### *Problem*

INEEL's Decontamination and Decommissioning project needed to reduce worker exposure and stress during decontamination of concrete and metal surfaces.

### *Baseline Technology*

Conventional wipe-down and scabbling to remove surface contamination.

### *Innovative Technology*

The Sponge-Jet's Sponge Blasting System™ propels a proprietary sponge-like media to remove and bind surface contamination.

### *Comparison*

This surface cleaning system increases productivity, reduces worker stress and exposure. Blast media can be recycled. Elevated noise limits work time.

### *Benefits*

This system allowed the project to accelerate schedule, reduce worker stress and exposure, and minimize generation of secondary waste.

