

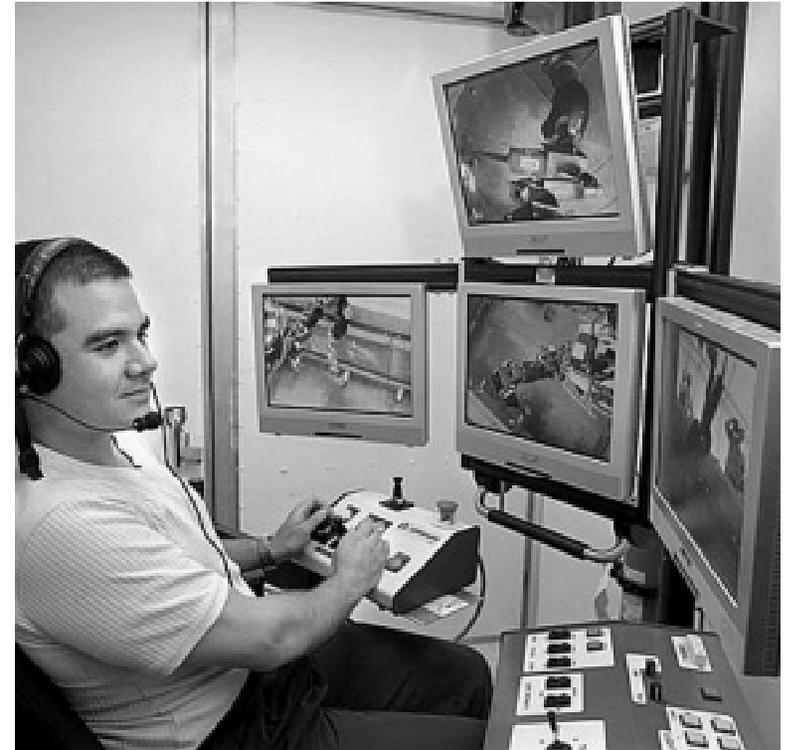
## HAMMER continues to grow and serve on-site and off-site workers at unique facilities

During fiscal year 2001, the Volpentest HAMMER Training and Education Center continued to focus on its primary mission — serving Hanford cleanup activities through high-quality training programs for site workers.

The facility's cumulative Hanford/non-Hanford on-site student day grand total reached 126,046 by the end of September. Of the 40,522 Hanford/non-Hanford on-site student days accumulated, 31,169 were for Hanford workers. While experiencing its highest growth year since first opening the doors to the new facility, HAMMER continued to operate in a safe and effective manner. HAMMER students are very satisfied with their courses, and consistently rate their training with an average of 4.6 out of 5 points. For 750,000 work-hours without a lost-workday injury, HAMMER earned a three-star award from the Fluor Corporation.

Hanford use of HAMMER for mock-ups, simulations and similar activities increased during FY 2001. Representative examples include 300 Area, T Plant and polyurea mock-ups; a Pit Viper simulation; and a tower reduction demonstration. Pit Viper officials estimated they saved \$250,000 and six months by modifying the HAMMER Waste Tank Prop, rather than building a new facility for training.

HAMMER staged 348 respiratory classes, 186 hazardous waste operations and emergency response regulations classes, 224 radiation worker classes and 122 basic first-aid classes for Hanford workers during the fiscal year. The facility also achieved \$350,000 in annual savings and “one-stop-shopping” for Hanford workers by moving the Training Requirements and Standards staff, Mask Fit Station and Basic



**PNNL senior development engineer Michael Catalan demonstrates the remotely controlled Pit Viper robotic arm.**

Skills Lab from the Hanford Training Center to the HAMMER location.

HAMMER brokered or supported 186 class sessions for Hanford Site special needs training at the facility during FY 2001. A total of 3,047 Hanford Site employees and contractors participated. The Department of Energy Richland

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## HAMMER continues to grow and serve on-site and off-site workers, cont.

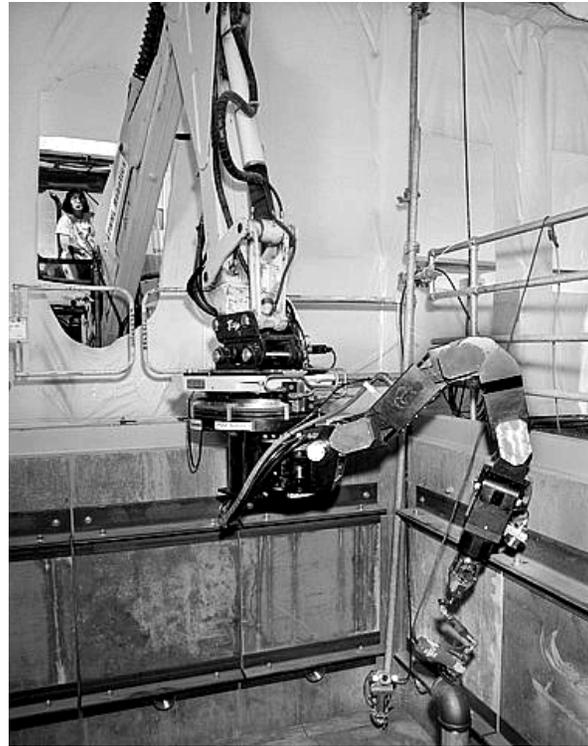
Operations Office and Office of River Protection, Pacific Northwest National Laboratory, Bechtel Hanford, Inc., CH2M HILL Hanford Group and other contractors requested the sessions.

HAMMER continued to work with the Occupational Safety and Health Administration to provide rigorous performance-based OSHA Training Institute and University of Washington OSHA Region X Education Center courses to Hanford workers. Of those students completing the spring 2001 Health and Safety Specialist certificate program through the University of Washington, nine were from the Hanford Site.

The Hanford Fire Department and mutual aid fire departments conducted 76 classes at the HAMMER facility's main campus during the fiscal year, while the Hanford Patrol conducted 839 Security Police Officer II student days and 764 Security Police Officer III student days at the HAMMER Law Enforcement and Security Training Center. A total of 27 half-day Hanford Site Emergency Preparedness initial training courses were also presented for 211 students.

Through its secondary mission, HAMMER continues to avail non-Hanford customers of its excess capacity. HAMMER remains remarkably successful at fulfilling this goal.

During the four years it has been in operation, HAMMER was able to charge \$888,000



**The Pit Viper maneuvers in the HAMMER modified waste tank prop.**

in costs to customers beyond Hanford. HAMMER was also been able to spread more than \$2 million of Fluor company-level overhead to customers beyond Hanford. In effect, this has reduced the amount of company-level overhead the Hanford projects (the Spent Nuclear Fuel Project, for instance) have had to pay.

In addition, reimbursements from customers renting the facility reached a total of \$627,000 after four years of operation. In short, the

HAMMER facility's support of external customers has generated more than \$3.6 million of financial benefit to the Hanford Site in the past four years.

HAMMER was actively planning future operations with homeland security forces such as the Washington Army National Guard and U.S. Marine Corps Chemical Biological Incidence Response Force before the terrorist attacks of Sept. 11. Since that date, HAMMER's unique capabilities position the facility to conduct anti-terrorism and domestic preparedness training on an even greater scale. A major CBIRF/Hanford Patrol training session took place in October. Sam Volpentest, HAMMER founder and champion, has taken the lead to promote the training center for other similar activities. ♦