

Mitigating the Proliferation of Weapons of Mass Destruction



National Nuclear Security Administration's strategic goal to "detect, prevent, and reverse the proliferation of weapons of mass destruction, while promoting nuclear safety worldwide." Our staff travels to remote locations around the globe and reaches into space to provide enabling systems, science, technology, and expertise that will reduce these threats to the United States. The NP&A program works to provide performance and vulnerability assessments of both U.S. and foreign technical capabilities and facilities and associated assessment tools and technologies. The physical-protection systems that we are developing and evaluating include technologies deployable at home and abroad."

Al Romig

Vice President
Nonproliferation and
Assessments

Accelerating Our Drive to Make the World a Safer Place

"The greatest threat before humanity today is the possibility of secret and sudden attack with chemical or biological or radiological or nuclear weapons... America, and the entire civilized world, will face this threat for decades to come."

—President George W. Bush,
at the National Defense University,
February 2004



Sandia has supported the DOE's global nuclear material security efforts since 1974. Under a variety of programs, we have assisted in efforts to identify and

implement security improvements in the U.S. and in more than 50 countries around the world, many of them member states of the former Soviet Union. Recently we have provided assistance to strengthen the physical protection at facilities in 15 nations as a part of the DOE NNSA's Global Nuclear Security Program. These nations are Belarus, Bulgaria, the Czech Republic, Georgia, Hungary, Indonesia, Kazakhstan, Latvia, Lithuania, Poland, Portugal, Romania, Serbia, the Ukraine, and Uzbekistan.

Other work involves deployment of Sandia teams to Russia, Greece, Haiti, and Iraq in support of NNSA's Radiological Threat Reduction (RTR) Program working in cooperation with the NNSA, Department of State, a number of foreign governments. Sandia is also extending its security activities to border crossings for maritime transportation shipments bound for the U.S.

Working with the Former Soviet Union

In the early 1990s, Sandia began helping to protect Russian weapons through the Cooperative Threat Reduction program. This involvement drew upon Sandia's knowledge of nuclear security, having held for many decades, the primary responsibilities for developing and implementing physical security for the entire U.S. weapons complex. We have expanded this mission to improve