



CBRNIAC Success Story

Final Comprehensive Technical Report

Chemical, Biological, Radiological and Nuclear (CBRN) and Air Force Radiation Assessment Team (AFRAT) Response Procedures and Training

<http://iac.dtic.mil/>

Customer:	Department of the Air Force Occupational and Environmental Analytical Services Division
Challenge:	The U.S. Air Force School of Aerospace Medicine (USAFSAM) Occupational and Environmental (OE) Health program provides comprehensive health physics/CBRN experts, guidance, and assistance to U.S. Air Force and DOD assets to assess, mitigate, and reduce or eliminate risks to personnel resulting from exposure to CBRN agents. A key element of this response capability is the USAF Radiation Health Program. The 711th Human Performance wing and USAFSAM have identified the continuing need to address procedures used in the occupational and environmental health areas of CBRN response.
Approach:	Battelle developed innovative CBRN procedures emergency response training, advanced techniques for CBRN risk assessment, risk mitigation, and risk management as well as new and innovative approaches to personnel radiation dosimetry. This effort has generated CBRN information not previously available to the CBRNIAC or to the CBRN and Force Protection Communities of Practice and

	has, therefore, added to the overall CBRNIAC knowledge base.
Value:	Through Battelle's innovative development of CBRNs procedures for emergency response training, advanced techniques for CBRN risk assessment, risk mitigation, risk management, and approaches to personnel radiation dosimetry, Battelle has enhanced USAFSAM's ability to execute its radiation safety and radiation dosimetry missions.

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