



Mobile Detection Deployment Units

A National Radiological and Nuclear Detection Support
Capability

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Homeland
Security

Domestic Nuclear
Detection Office

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Collaboration between federal, state, local, tribal, and territorial law enforcement and public safety entities is crucial to the U.S. Government's layered approach to nuclear security. The Domestic Nuclear Detection Office (DNDO) developed and deploys Mobile Detection Deployment Units (MDDU) to assist radiological and nuclear (R/N) detection stakeholders in detecting and reporting R/N threats.

MDDUs are a national R/N detection "surge" asset, designed to augment and supplement first responders' existing R/N detection and reporting capabilities, especially in support of national and special security events.

DNDO is jointly staffed within the U.S. Department of Homeland Security, with a mission to reduce the risk of nuclear terrorism against the U.S. by continuously improving capabilities to deter, detect, respond to, and attribute attacks, in coordination with domestic and international governments.



Each MDDU contains R/N detection equipment for a large number of emergency responders, housed in a mobile trailer package and capable of deployment anywhere within the United States and its territories. These detection packages are maintained at various sites across the United States and managed through a DNDO agreement with the Department of Energy's Radiological Assistance Program.

Visit www.dhs.gov/dndo for more information. Federal, state, local, tribal, or territorial governments may request an MDDU by contacting dndo_mddu_request@hq.dhs.gov.

MDDUs are outfitted with an extensive suite of nuclear detection equipment and communications capabilities. Equipment includes portable backpacks, handheld radio-isotope identification devices, and personal radiation detection devices. Each MDDU is accompanied by a technical support staff to train personnel on the use of equipment, and to help integrate these capabilities into existing operations.



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