

## WHO WE ARE

In 1974, an increase of domestic nuclear extortion cases fueled by Cold War concerns prompts President Ford to establish the Nuclear Emergency Search Team (NEST) and add it to the Atomic Energy Act of 1954, just prior to the creation of the Department of Energy (DOE).

NEST was tasked with investigating the illegal use of nuclear materials within the United States, including terrorist threats involving the use of special nuclear materials.

NEST would absorb several preexisting response assets, some of which dated back to the Manhattan Project's Trinity Test, and evolve to enable broader emergency response.

In 2002, just after the creation of the National Nuclear Security Administration (NNSA), NEST became the Nuclear Emergency Support Team (NEST) to emphasize its partnership with other U.S. government departments and agencies.

## WHAT WE DO

NEST provides the U.S. government with scientific and technical expertise and equipment for a response to any type of nuclear/radiological threat, incident, or accident worldwide.

NEST maintains flexible, scalable, and tailorable field-deployable and remote capabilities that are prepared to provide timely, technically sound, operationally relevant decision support to our global mission partners to counter weapons of mass destruction, respond to U.S. nuclear weapon accidents and incidents, provide nuclear forensic analysis, and manage the public health and safety considerations for all responses.

A part of DOE/NNSA's Office of Counterterrorism and Counterproliferation, NEST leverages and operationalizes capabilities from nuclear incident response, nuclear forensics, and nuclear threat science programs to enhance partnerships through nuclear incident policy and cooperation.

## HOW WE DO IT

Built upon an unrivalled history of nuclear design principles, informed by science, world events, policy, and technology advancements, NEST has maintained an operationally integrated and flexible capability to address any threat, incident, or accident around the world.

NEST is composed of world-class scientists, engineers, emergency managers, and technicians recruited from DOE's national laboratories, plants, sites, field offices, and headquarters. These seasoned experts have specialized experience, training, equipment, and technical tools designed to enhance their ability to accomplish NEST's critical missions. These individuals constitute an indispensable technical asset of the U.S. government.

NEST will continue to maintain long-standing relationships with U.S. government partners to continue to evolving to meet the threat and keep moving forward into the future!



## NEST PROGRAMS/ASSETS

- Accident Response Group (ARG)
- Aerial Measuring System (AMS)
- Capability Assurance Program (CAP)
- Consequence Management Program (CM)
- Detonation Assessment Program (DAP)
- Disposition and Forensic Evidence Analysis Team (DFEAT)
- DOE Forensics Operations (DFO)
- Joint Technical Operations Team (JTOT)
- National Atmospheric Release Advisory Center (NARAC)
- NEST Communications & Semi-Autonomous Vehicle Systems (SAVS)
- NEST Standards and Training Program (NSTP)
- NEST Strategic Engagement Program (NSEP)
- Nuclear Forensics Material Analysis Program (NF-MAP)
- Nuclear Incident Policy and Cooperation (NIPC)
- Nuclear Search Program (NSP)
- Nuclear Threat Science
- Operations and Exercises Program (OPX)
- Radiation Emergency Assistance Center/ Training Site (REAC/TS)
- Radiological Assistance Program (RAP)

***“Scientifically Informed,  
Operationally Focused”***



For 24/7/365 emergency response to threats, incidents, or accidents involving radiological or nuclear materials please contact the NEST via the DOE/NNSA Emergency Operations Center at (202) 586-8100



**NNSA**  
National Nuclear Security Administration

# NEST

***Nuclear Emergency Support Team***

***Vision:*** Provide scientific and technical leadership of the nation's nuclear and radiological emergency preparedness and response missions. NEST will always be prepared to provide timely, technically sound, operationally relevant decision support to our mission partners.

Scan QR codes to learn more:



Nuclear Emergency  
Support Team



Counterterrorism &  
Counterproliferation