

## CMHT Staff and Resources

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### The CMHT includes:

- Radiological Assessment Experts
- Geographic Information Systems (GIS) Scientists
- National Atmospheric Release Advisory Center (NARAC) modeling scientists
- Aerial Measuring System (AMS) Scientists
- Bridge Line Coordinators
- Radiological Data Analysts
- Field Operations/Logistics Specialists
- Lab Analysis Experts
- Additional Subject Matter Expertise as Required

### CMHT nodes are located at:

- Lawrence Livermore National Laboratory
- Los Alamos National Laboratory
- Remote Sensing Laboratory
- Sandia National Laboratory



DOE Watch Office  
202-586-8100 (24/7)  
or  
Your RAP Region (24/7)  
RAP-0: 800-405-1140  
RAP-1: 631-344-2200  
RAP-2: 865-576-1005  
RAP-3: 803-725-3333  
RAP-4: 505-845-4667  
RAP-5: 630-252-4800  
RAP-6: 208-526-1515  
RAP-7: 925-422-8951  
RAP-8: 509-373-3800

Email: [cmht@nnsa.doe.gov](mailto:cmht@nnsa.doe.gov)

Information Portal: [cmweb.llnl.gov](http://cmweb.llnl.gov)



## Consequence Management Home Team for Radiological Incidents



*Radiological expertise with just one call!*

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# Consequence Management Home Team



Track, Collect, Interpret, Analyze

## Mission

The Consequence Management Home Team (CMHT) is a U.S. Department of Energy /National Nuclear Security Administration (DOE/NNSA) asset. It assists other NNSA field assets in the support of federal, state, tribal, and local response organizations with modeling, radiological operations planning, field monitoring techniques, and the analysis, interpretation and distribution of radiological data. These reach-back capabilities are activated quickly to support public safety and minimize the health and environmental impact of a nuclear or radiological incident.

## CMHT Capabilities

- Provide information exchange services
  - Conference line to coordinate communications
  - The Federal Radiological Monitoring and Assessment Center (FRMAC) operations support website
  - Secure information management
  - Data products, maps, and other event-related documentation provided online
- Provide technical guidance for:
  - Mission planning
  - Selection & use of radiological detection equipment
  - Conduct of field operations and techniques
  - Aerial radiological measurements
- Evaluate radiological conditions
  - Analysis and assessment of all available aerial, field, and laboratory data taken from any responder
  - Atmospheric plume and deposition modeling (via NARAC)
  - Geographic Information System (GIS) mapping support
- Provide event status, logistics, and contact information to authorized personnel
  - Federal, state, tribal, and local response organizations
  - NNSA field assets

## CMHT Activation

The CMHT is activated by calling your regional Radiological Assistance Program (RAP) or the DOE Watch Office.

CMHT personnel are on call 24/7 to respond to the requestor within 30 minutes of notification. Full CMHT capabilities will be operational within 2 hours of notification and can maintain continuous day and night operations throughout an incident.

Requestors should provide any available incident-related information to the CMHT such as:

- Point of contact
- Location
- Weather conditions
- Radiation measurements
- Site-specific information