



# National Radiological Emergency Preparedness Conference, Inc.

P.O. Box 4393, Baton Rouge, LA 70821 ♦ Ph: 225-219-3621 ♦ FAX: 225-926-1903  
www.nationalrep.org

## Session 3: Workshop      Overview of FRMAC Technical Operations

Robert Augdahl, National Security Technologies, LLC  
(Ph: 702-295-8037; E-mail: [augdahrt@nv.doe.gov](mailto:augdahrt@nv.doe.gov))

This presentation is designed for the emergency responders responsible for the collection of samples and survey data to characterize and respond to a radiological event. The course includes classroom instruction, student discussion and hands on activities with FRMAC personnel. Included in the overview is discussion of how each component interacts with the other and covers the products produced by the FRMAC.

- A Brief Overview of FRMAC/CMRT - 60 min  
The Overview module covers FRMAC Organization; Phased Response; included in the overview is discussion of how each component interacts with the other and covers the products produced by the FRMAC
  - Operations
  - Monitoring & Sampling
  - Health & Safety
  - Assessment
  - Laboratory Analysis
  
- Monitoring & Sampling Equipment– 90 min
  - ADM-300 Survey Meter
  - Hi-Volume Air Sampling Equipment
  - Canberra HPGe Gamma Spec Detector
  - FRMAC Sampling Tools
  - FRMAC forms
  
- Monitoring & Sampling Techniques– 60 min
  - The Monitoring Division Manual, Volume II – Monitoring and Sampling
  - Air Sampling
  - Soil Sampling
  - Water
  - Agriculture (vegetation, animal feed, dairy)

This module is presented via a series of video demonstrations with classroom discussion and hands on time
  
- Sample Processing & Receipt – 30 min  
This module discusses the transfer of samples from the Field back to a central receiving point, processing the samples through a contamination control line (Hotline) and shipment out to laboratories for analysis.

**DATE OFFERED: Monday, April 30, 2007**

**TIME: 8:00 a.m. to 12:00 p.m.**