Bechtel Nevada

Sedan Crater

Radioactive Waste Management Site

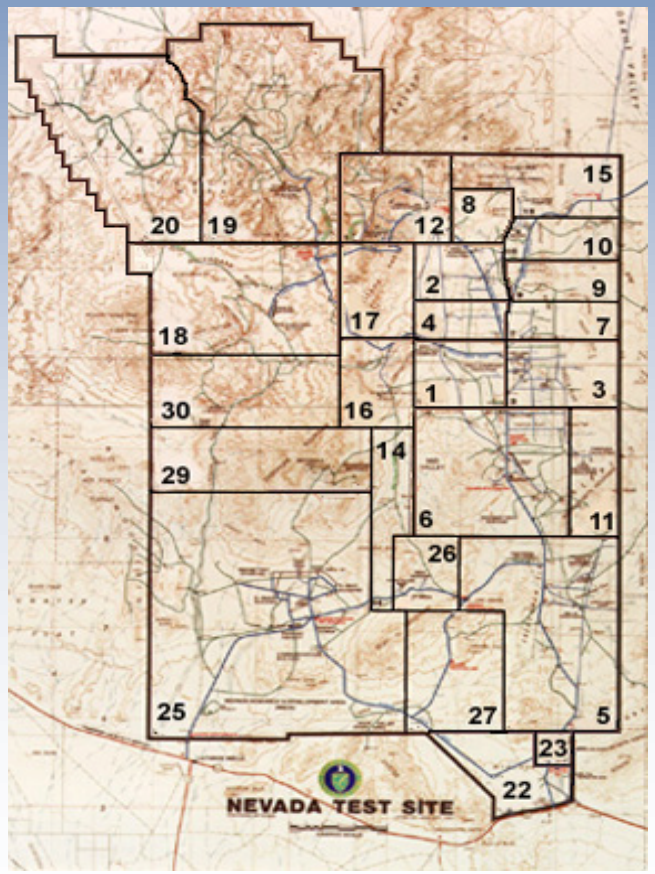
Apple II House

Emergency Services and Operations Support
Operations Coordination Center Technologies
Nevada Test Site

May 5, 2004

Henry P. Pazos III

Nevada Test Site
Operations Coordination Center
Locations

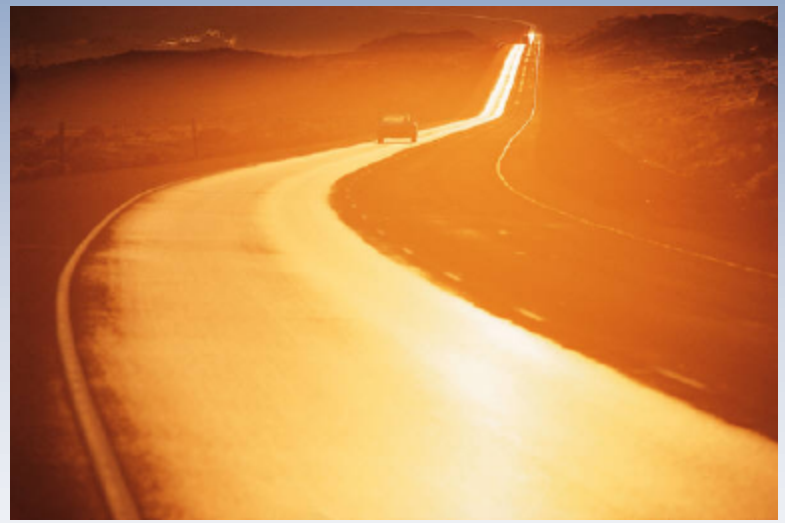


Nevada Test Site (NTS) - 1350 square miles

- Bechtel Nevada Duty Manager – Mercury
- Site Operations Center - Area 6
- NTS Fire and Rescue
  - Station 1 – Area 23, Mercury
  - Station 2 – Area 6
  - Station 3 – Area 25

Nevada Test Site
Emergency Services and Operations Support
Current Configuration

- Bechtel Nevada Duty Manager Office
  - Emergency notification and reporting
- Site Operations Center
  - Area ground access, airspace access
- NTS Fire and Rescue
  - Emergency response



Nevada Test Site
Operations Coordination Center Technologies

- Centracom Elite Dispatch Application
- Communicator Notification System
- GeoNotify Notification System
- HAZTRAK Hazardous Materials Notification System
- Personal Computer Rams Air Situation Display
- Video Cameras at Command Post (CP) -1 and North and South of CP-1

Centracom Elite Dispatch Application

- Facilitates NTS radio and telephone communications
- Console allows to receive, transmit and patch assets
- 70-80 radio and telephone talk groups
- Emergency Network
  - 911A, 911B
  - Emergency button on radios
  - 5001 Ring-down Line
- Coordinate NTS ground access
- Coordinate NTS air access
- Monitored 24 hours, 7 days a week

Communicator Notification System

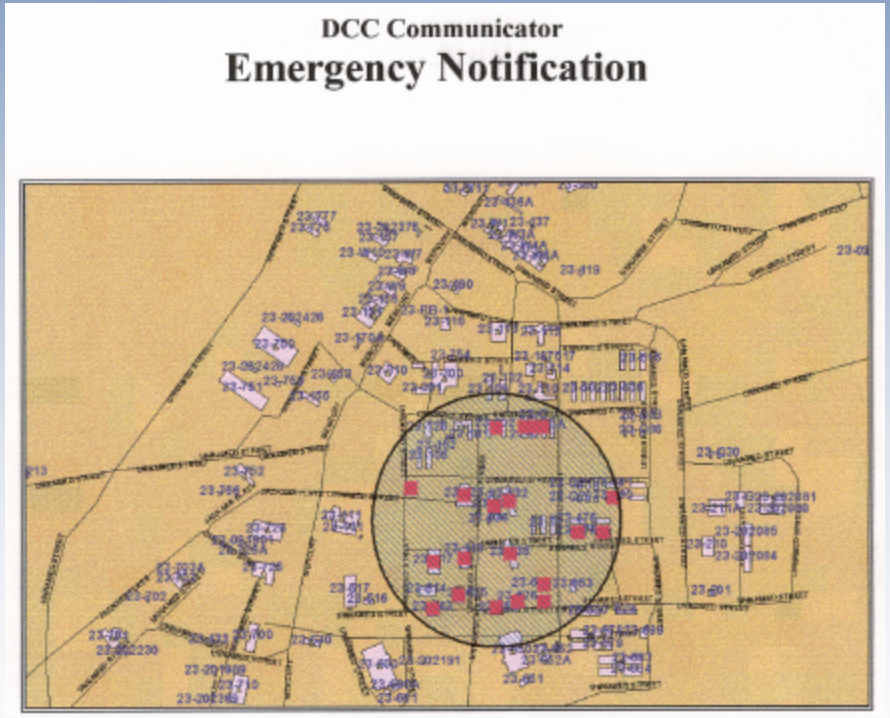
- Notification System purchased in 2001 from Dialogic Communication Corporation
- Will quickly activate and assemble Emergency Response Organization groups
- Responders can acknowledge their availability while enroute
- Tested monthly, used for drills, exercises, and real world events
- Administrator can remotely activate system
- System recently upgraded to a 48-line phone system

Communicator Notification System (cont.)

- How the system works
  - Add members to roster
  - Build group from members of roster
  - Create pager/speech messages
  - Create scenario for event
  - Activate scenario
  - Generate status reports

GeoNotify Notification System

- How the system works
  - Geographic Information System based application
  - Determine area affected on map
  - Highlight area of map to receive message
  - Records message
  - Start notification (Shelter In Place, Evacuate)
  - Generate reports

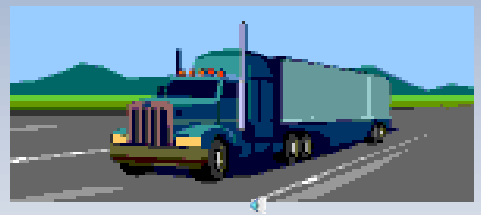


GeoNotify Notification System (cont.)

- Used on September 11, 2001
  - Early release from NTS
- Can call 2048 phones at the NTS in 30 minutes
- Routinely used to notify NTS personnel
  - Severe weather
  - Early release
  - Drills and exercises
  - Safety messages

HAZTRAK Notification System

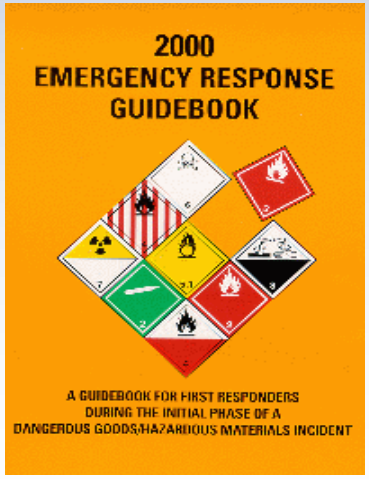
HAZTRAK
Hazardous Materials Notification System



- BN Duty Manager is point of contact
- In accordance with 24-hour Emergency Response Requirements of 49 Code of Federal Regulations
- Monitors all inbound and outbound NTS Hazmat shipments
- Provides Emergency Response Guide information for First Responders

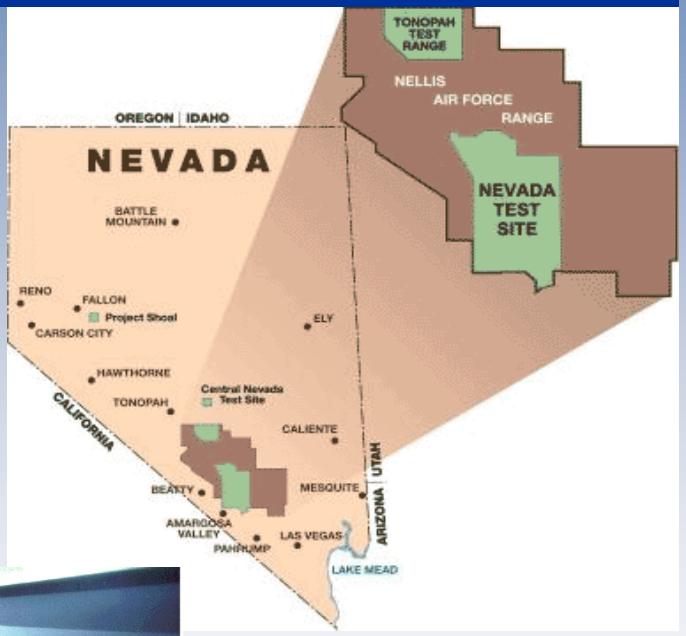
HAZTRAK Notification System (cont.)

- Web based computer application
- Category 1 system; must be operational 24-hours a day, 7-days a week
- HAZTRAK utilizes a primary and backup server
- Real time information on hazardous or radiological waste shipments
- Used daily as well as during drills and exercises



Personal Computer
Range Airspace Management System

- Personal computer based system
- Near real time, connects via modem
- Situation heads-up display of:
  - Nevada Test Site
  - Tonopah Test Range
  - Nellis Air Force Base Range
- Provides aircraft identification
  - Speed
  - Altitude
  - Vector
  - Identification friend or foe code



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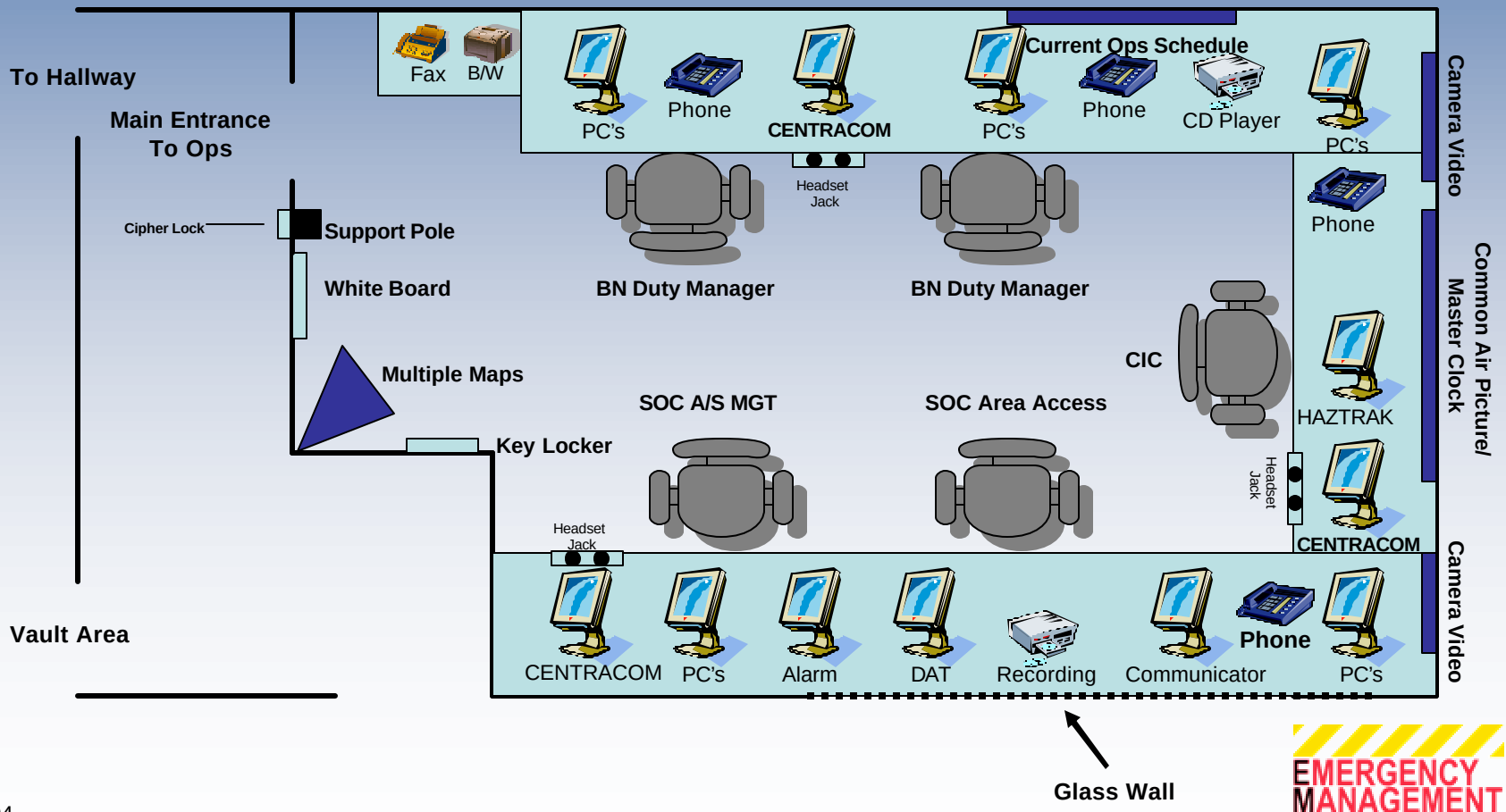
Nevada Test Site
Operations Coordination Center

- DMO – Duty Managers Office
- SOC – Site Operations Center
- CIC – Communications Information Center

Nevada Test Site
Operations Coordination Center
(cont.)



Questions?

Bechtel Nevada Duty Manager's Office
(702) 295-0311
24-hours a day, 7-days a week