

# Bechtel Nevada



Sedan Crater



Radioactive Waste  
Management Site

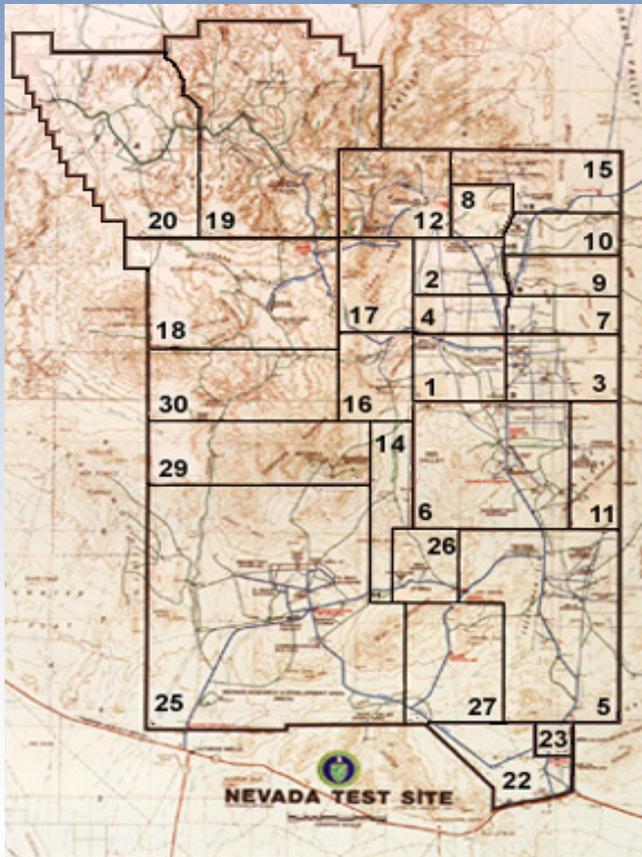


Apple II House

## 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



May 5, 2004

**EMERGENCY  
MANAGEMENT  
ISSUES**

# 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



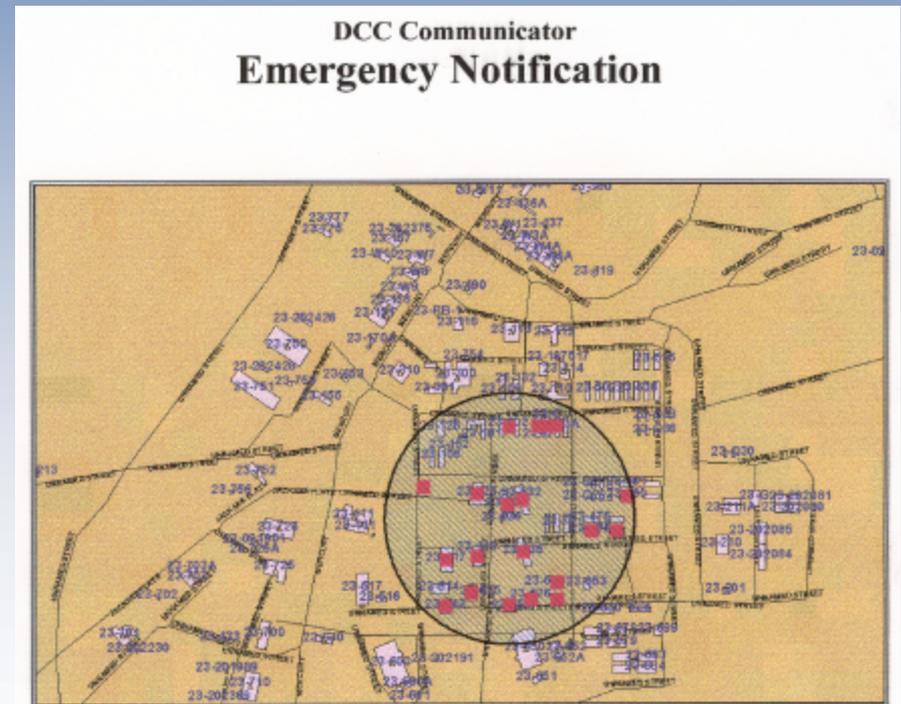
## Communicator Notification System (cont.)

- 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



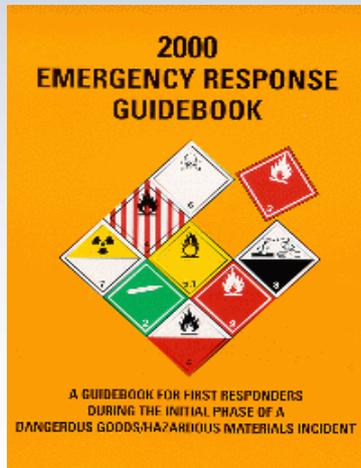
## HAZTRAK Hazardous Materials Notification System



- 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



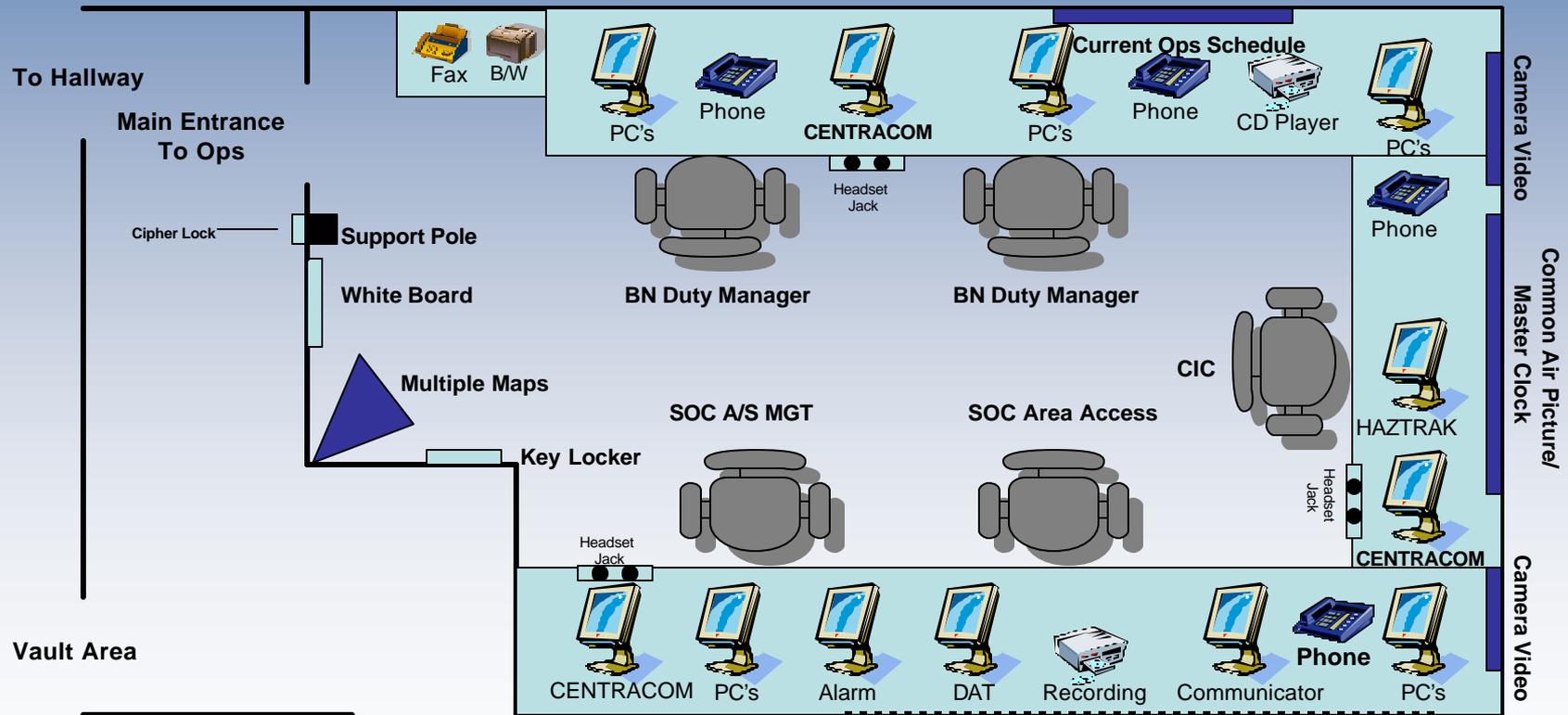


# Nevada Test Site Operations Coordination Center

- 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

