Managing the EPI Challenge at Lawrence Livermore National Laboratory

Presented by

Gordon Yano, LLNL, PAO

Marie Dunkle, M.K. Dunkle Consulting

EMERGENCY
MANAGEMENT
ISSUES

Introduction to LLNL PAO

- Mission
- Resources (e.g. # of personnel)
- Capabilities
- Experience in emergency public information

Wakeup Call
OA Assessment of 2002

- EPI Plan & Procedures not fully developed & integrated
- JIC not developed
- MOUs not in place
- EPI Staff not trained
- No emergency community education plan

Impact of these Findings

- Failure to meet DOE Order 151.1A
- Future of UC Contract for LLNL
- LLNL & PAO reputation
- Potential mark on community relations

A Call to Action
(LLNL's EPI Corrective Actions)

- Develop EPI Plan & Procedures
- Organize JIC with Alameda County
- Establish & Implement JIC Training Plan
- Develop system for emergency news release
- Develop & implement emergency community education plan
- Five months to accomplish the CAP

Where to Start?

- Management commitment of resources
- Select a “Champion” (GY)
- Hire help for a “kick start” (MKD)
- Get educated on the requirements
- Prepare practical & compliant EPI plan & procedures as a base.

Getting Started

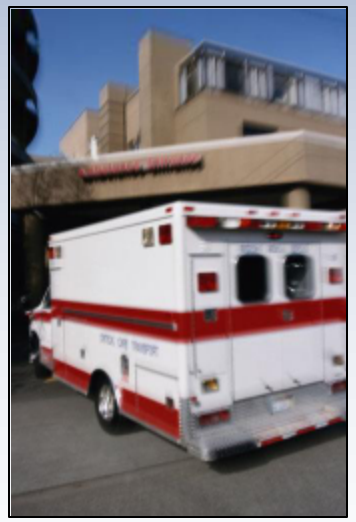
- Assess & analyze program gaps
- Establish Management Plan & "To do List"
- Categorize Tasks
- Get the "PAO Team" actively involved

Categories of Tasks

- EPI Plans & Procedures
- Facilities required (JIC and PAO OSC)
- Training
- Offsite agency coordination
- Exercise preparations
- Community education

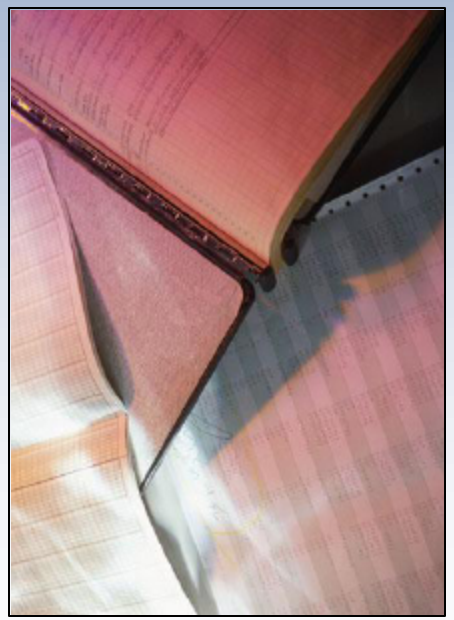
EPI Teaming Organizations

- Internal: PAO, Hazards Control, LEDOs
- NNSA LSO
- Alameda County
- Cities of Livermore & Pleasanton
- Local hospitals



Action Planning Tool Used

- Tool needed to manage & schedule:
  - Tasks
  - Responsible Parties
  - Start Dates
  - Dates Due
  - Comments

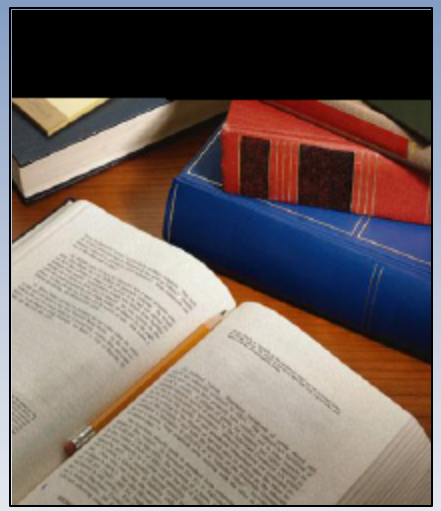


Task Tracking

Task	Responsible	Start	Due	Status
Develop JIC Floor plan	Sprott	12/1/02	1/5/03	Need county EOC floor plan
Make PAO team assignments	Yano/Houghton	12/5/02	1/8/03	Completed & approved
Locate funding for JIC computers	Houghton	1/5/03	1/30/03	Completed: D. Fisher to fund
Resolve JIC setup issues with County	Stoll/Yano	1/20/03	3/1/03	Completed: LS to support setup

Plan & Procedures Tasks

- Finalize & approve P&Ps
- Finalize & approve MOAs
- Document & records control
- Assign EPI positions
- Assign Tech Advisors from Hazards Control



Facilities Tasks

- Develop PAO OSC & JIC Equipment lists
- Develop references/resources list
- Procure & deliver equipment
- Select & develop visual aids for JIC & OSC
- Prep map & directions to JIC & OSC
- Setup inventory/surveillance checks of JIC, OSC & EOC news-writer area

Exercise Tasks

- Prepare EPI objectives for exercise
- Public affairs messages to support scenario
- Select & commit mock media for JIC
- Develop plan for exercise announcement to media & public
- Prepare audio & video news cuts for media monitoring

Training Tasks

- Prepare training plan for EPI
- Establish training records management
- Schedule training & coaching sessions
- Schedule & prepare drills to augment training
- Conduct tabletop training & drills of OSC and JIC

Offsite Agency Coordination

- Resolve facility & equipment use & storage issues with County
- Resolve JIC access & security issues
- Schedule use of county facility for drills & exercise
- City & County staff training
- Arrange offsite agency participation in drill & exercise

Community Education Tasks

- Meeting of LLNL and agency reps on public education issues & topics
- Prepare written info for agency review & dissemination to community
- Select methods & schedule for disseminating info to the community
- Select methods & schedule for disseminating info to news media

Moment of Truth
May 2003 LLNL Exercise

- Fully tested PAO OSC & JIC
- OSC & JIC performance considered good by evaluators (LSO and Headquarters)
- Weakness in information received from the EOC
- Lessons learned incorporated into 2004 EPI Training

Where do we go from here?

NATIONAL PERSPECTIVES ON EMERGENCY MANAGEMENT

A CAPITOL CONCEPT

Continuous Improvement

Learn our lessons

Share lessons learned

EMERGENCY MANAGEMENT ISSUES