



## Deployment of EFCOG Medical Assets in Case of a National Rad/Nuc Mass Casualty Event



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 **ORISE**

# Deployment of EFCOG Medical Assets in Case of a National Rad/Nuc Mass Casualty Event

Options for organization and efficient deployment

**Department of Homeland Security  
(DHS)**



**National Response Plan**



**Rad/Nuc Event**



**DOE**

**Emergency Response**

**DOE**  
**Emergency Response**  
**NNSA**  
**NA 40-42**



**Federal Radiation Monitoring and  
Assessment Center  
(FERMAC)**

# Status of Discussions and Planning

- Proposal presented to NA 40-42 and to HSS/HS-10
- Agreement in principal
  - Administration
  - Funding: phased start this fiscal year?
  - Malpractice insurance or equivalent
  - Medical/disability insurance
  - Meeting with prime contractors.
  - SEE MEMO FROM THE ADMINISTRATOR

# DOE Medical Resources Emergency Response

## REAC/TS:

- 4 teams - forward deployment
  - 2 teams: each with MD, RN, HP
  - 2 teams: each with MD, HP (RN)
  - Home team: MD, HP, admin  
(communications & support center)



# Proposed Medical Resources for Emergency Response

- EFCOG teams: (~35 DOE facilities, not all with integral OM units)
  - 8-12 (so far) agreed to provide team:
    - MD, RN
    - MD, RN, HP
    - MD, RN, psychologist
    - MD, RN, Admin.
  - Strong interest from Psych in participating
  - Deployment to rear (not in warm zone).



# Med-ConOps

## Rad/Nuc Mass Casualty Event

- EFCOG teams:
  - Teams members are DOE contractor volunteers (no pay), as is true of other DOE teams (RAP, etc)
  - DOE to provide logistics (travel, transportation, lodging), maybe through REAC/TS
  - Treated as federal employees for insurance purposes
  - Some EFCOG teams may be utilized at home site or away from event site.
    - IE: answering medical calls, advice and consultation

# Med-ConOps

## Rad/Nuc Mass Casualty Event

- REAC/TS (support center) arranges
  - Briefing, event description and preparation
  - Logistics (travel, lodging, ground transportation (MD, RN, etc) through FRMAC, NNSA emergency op center
  - Logs team for DOE (name, address, etc) and administratively handle per diem for NNSA.
  - Supports team on the road, as necessary.
  -

# Med-ConOps

## Rad/Nuc Mass Casualty Event

- Advantages/benefits
  - REAC/TS directly in chain of command with FRMAC and NNSA (high level access)
    - Ensure good coordination
  - Deployment coordination and support, including rotation
  - Leverage benefits for team and EFCOG
    - Funding for rad and emergency training?
  - Help U.S. when in need

# Med-ConOps

## Rad/Nuc Mass Casualty Event

- Disadvantages
  - Med/nursing staff shortages at facilities (perhaps up to one week, maybe more)
  - Pay by DOE contractor companies, unless otherwise agreed by DOE

# Med-ConOps

## Rad/Nuc Mass Casualty Event

### ➤ Next steps

Now Need REAC/TS EFCOG OM (REOM) TEAM details:

- Name, background (MD, HP, RN, etc) of volunteer,
- Assessment of education needs (by clinic director)
- Discription of team members.
- Name of supervisor/contact person and contact numbers for each participating facility

# Med-ConOps

## Rad/Nuc Mass Casualty Event

- Assessment of health status and special needs, if any.
- More to Come

# Med-ConOps Training

- Radiation Emergency Medicine (REM) Courses: 3.5 -4.5 days every three years.
- 10-15 CME Units via interactive teleconference (REAC/TS is developing)
- And/or
- Web-based training (REAC/TS will develop, steal or borrow.

# Med-ConOps

## Rad/Nuc Mass Casualty Exercise

- Funded by DOE, NA-40-42
- Three to five days,
- Limited number of teams
- “If you don’t exercise it, it doesn’t work!”



# Questions

# Status of Ca- and Zn-DTPA Study

- NDA product expires end of Nov 2006
- Negotiations underway with Strategic National Stockpile for NDA product and consideration as a forward deployment site (stockpile)
  - Agreement in principle
  - May have special storage requirements
  - US Government interagency agreement –time!

# Status of Ca- and Zn-DTPA Study

- Estimated receipt of drug product from SNS: first quarter CY 2007
- What to do in the meantime:
  - Revert to IND (expiration date November 2007)
  - Ships this month, with forms.

# Status of Ca- and Zn-DTPA Study

Questions?

**react/ts**

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