



“Environmental Terrorism – Be Prepared”

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Outline

- **Introduction**
- **Role of Environmental Staffs**
- **Emergency Action Plans**
- **Continuity of Operation Plans**
- **Protecting Critical Infrastructure**
- **Summary**



Is th

From: Ozarks Family

To: Dept. of Homeland Security

Dear Sirs:

I am writing to you for further instructions to what the next step is for me to take in protecting my family from possible attacks by terrorists.

I have my duck taped....now what?



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Introduction

- **How many feel like this note applies to your organizations preparedness?**
- **No magic answers**
- **Must do the planning and preparation to minimize effects**



Role of Environmental Staffs

- **Planning Team**
- **Technical Expertise**
- **Threat or Incident Assessment**
- **Response Team**
- **Calming Influence**



Preventive Medicine Approach

- **Break Chain of Infection**
- **Public Health Organization for Emergencies**
 - **Population Based**
 - **Community Based**
 - **Individual**
- **Threats**
- **Documentation**



Industrial Hygiene Approach

- **Anticipation**
- **Recognition**
- **Evaluation**
- **Control**



Emergency Management Approach

- **Preparedness**
- **Mitigation**
- **Response**
- **Recovery**



Emergency Response Planning

Emergency to others

Business Contingency Plans
Disaster Recovery Plans
Business Recovery Plans
Incident Response Plan

Emergency to yourself



Occupant
Emergency Plan

Evacuation
Plan

Incident
Response Plans

Business
Recovery
Plans



Continuity of Operation Plans

- **On going in most public and private organizations**
- **ESOH staffs should be involved**



Wh

- **President directed it:**
 - **EO 12656**
 - **All executive branch federal departments**
 - **National security emergency**
 - **Essential functions named**
 - **PDD 67**
 - **All branches of government**
 - **All emergencies**
 - **Minimum essential functions within 12 hours**
- **Good business practice for responsible and reliable public institutions**



Role of a COOP Plan

To identify the steps required to get:

- The right people**
- With the right equipment & information**
- To a safe & secure site**
- Where minimum essential functions can be continued**



Minimum COOP Plan Requirements

- **Delineate essential functions and activities**
- **Specify emergency and alternate staffs**
- **Identify essential materials, data, databases, and software**
- **Identify alternate site(s) & include procedures for deploying there**
- **Outline decision process for implementing COOP plans and procedures**
- **Establish concept of operations that will provide for obtaining operational capability within 12 hours**
- **Establish reliable processes and procedures to acquire resources necessary to continue essential functions for up to 30 days**
- **Delineate orders of succession**
- **Identify delegations of authority as appropriate**
- **Provide for personnel accountability throughout the emergency**

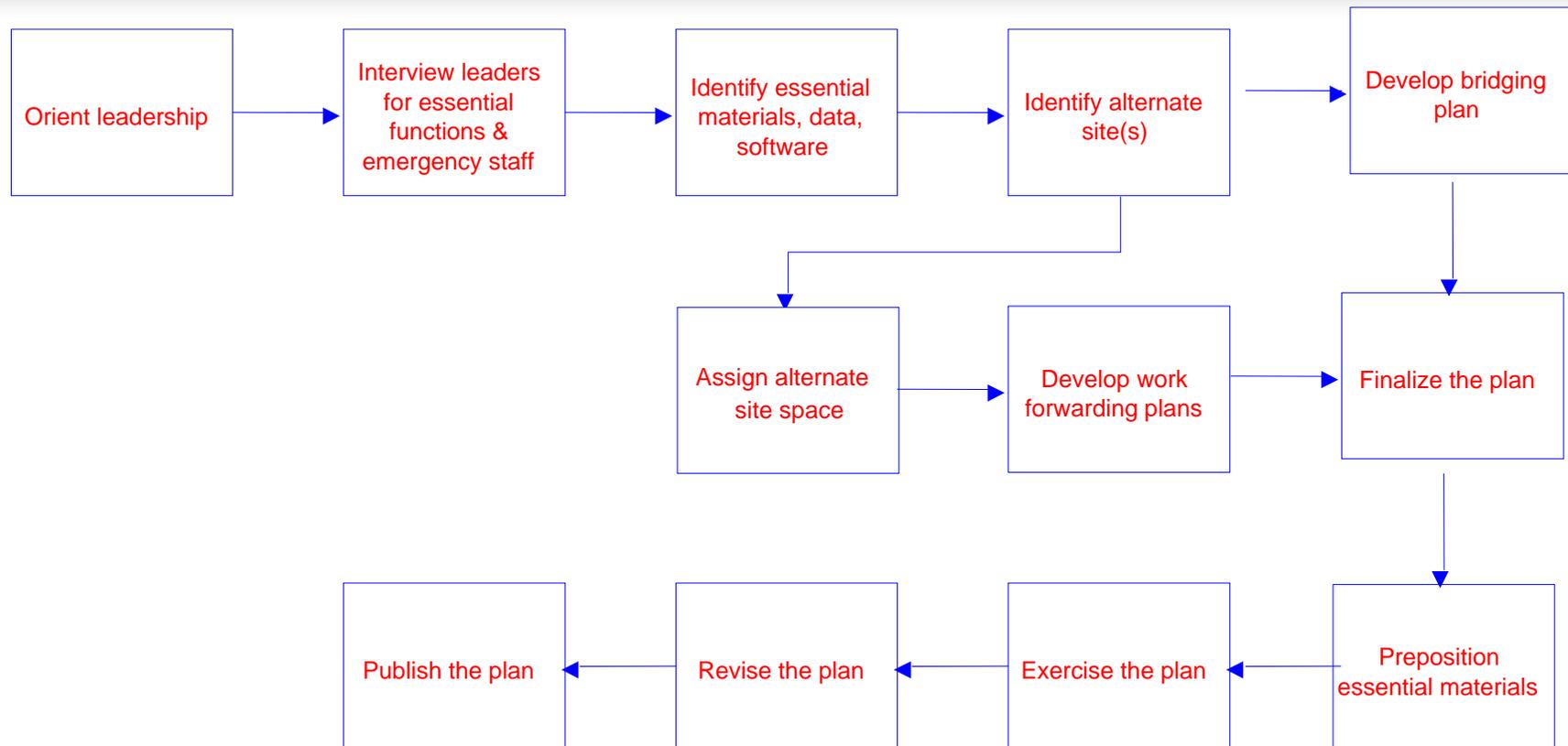


COOP Concepts & Best Practices

- **Succession**
- **Bridging**
- **Deployment**
- **Hot Desking**
- **Work Forwarding**
 - Telephone/fax
 - Email
 - Postal mail
 - Delivery services (UPS, FEDEX, etc.)
- **Essential materials, data, and systems**
- **Personnel accountability**



COOP Plan Development





Draft Management Vision

The Office of _____ Continuity of Operations (COOP) Plan will provide simple, limited, responsive, and integrated support to the _____ (Agency) during contingency operations.

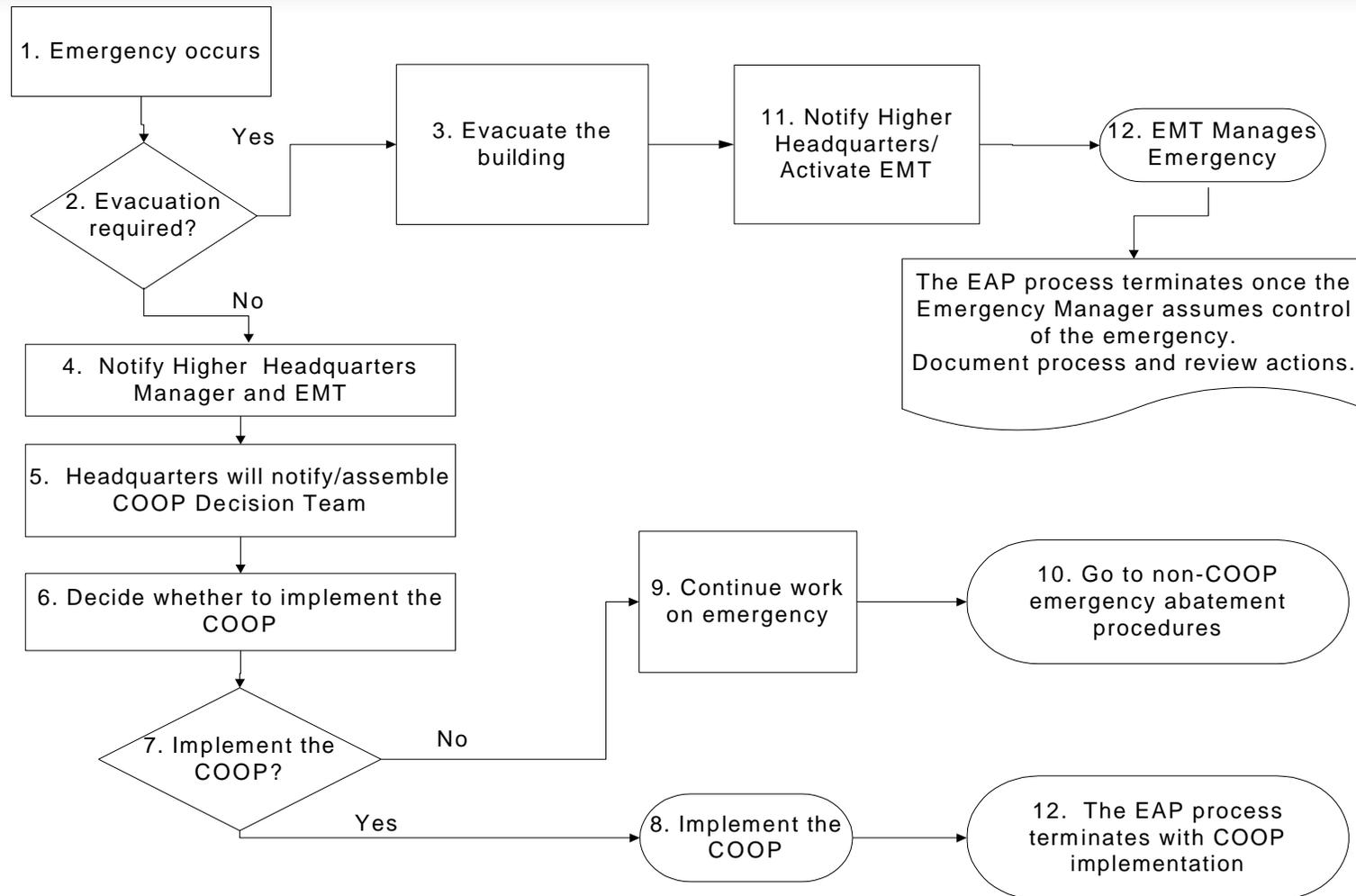


Emergency Action Plans

- **Emergency Action Plan Basic Elements**



Emergency Action Plan Flow Ch

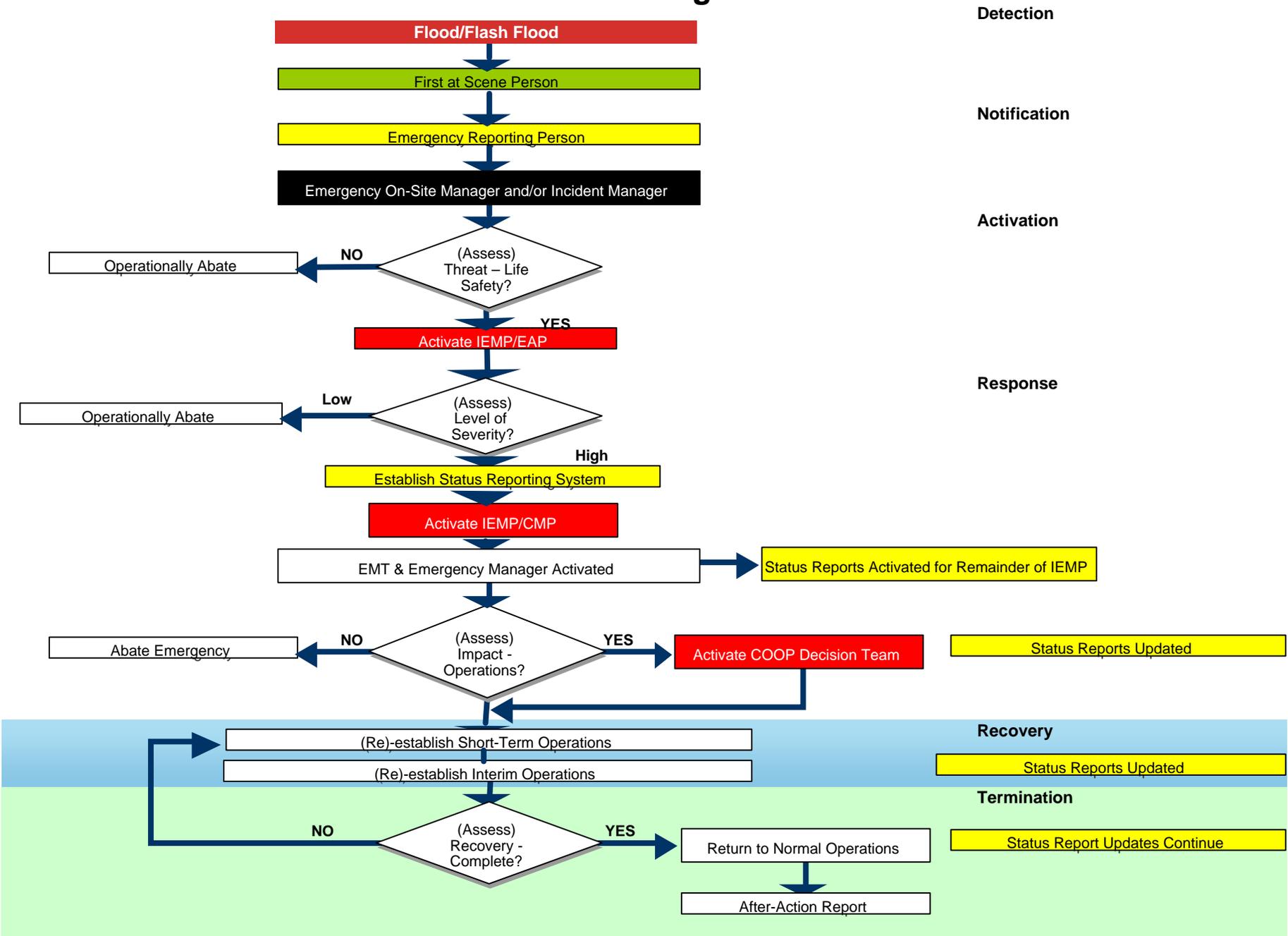




Protecting Critical Infrastructure

- **A related task to planning**
- **Should be part of analysis**
- **On-going and should be threat based**
- **Design into new facilities**
- **“think castles and moats”**

Incident Management





Summary

- **Planning is the Key**
- **Environmental Professionals are important organizational resources**
- **Take action to get ready NOW**
- **Assess your organization and role**
- **Are you prepared?**



References



www.dhs.gov

[Homeland Security](#)

www.ready.go

www.redcross.org Red Cross

Various links to state and other agencies



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Questions ?



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