

**City of Jacksonville**  
Environmental Quality Division  
**Emergency Response**

**Spill Response**

**Preparation, Notification, Operation**

**“DO NOT MEDDLE IN THE AFFAIRS OF DRAGONS  
FOR YOU ARE CRUNCHY  
AND TASTE GOOD WITH KETCHUP.”**



No ICP...

Mitigation?

Preparedness?

Response Capability?

Spill Plans?

Response?

Notification?

Mobilization?

Recovery?

Cleanup?

# Mitigation

*"Do not seek counsel from the elves, for they will say both no and yes."*

Recognize the dangers posed by hazardous materials

Determine when/where a hazard may exist

Link natural and technological risks

Develop administrative structures to support the implementation of mitigation programs

Identify procedures to minimize personal and community exposure to hazardous materials

Contact the appropriate persons or agencies to give or receive specific hazardous materials information

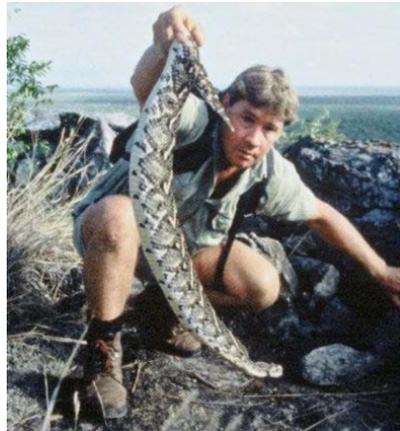
Conduct public information campaigns on hazard mitigation



# Capabilities - Assessment

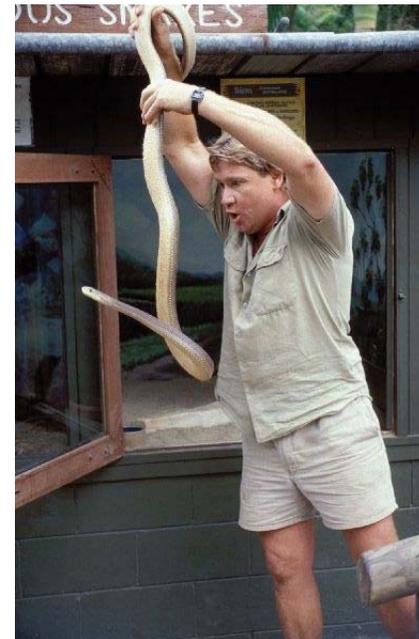
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Risk Assessment



Emergency Operations Planning

Standard Operating Procedures



# Capabilities - Assessment

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Identification of needs

Personnel

Equipment

Training



# Capabilities - Assessment

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Reporting

Documentation



Continual evaluation/improvement

Exercises, new technology, peer evaluation

On-site/off-site capabilities

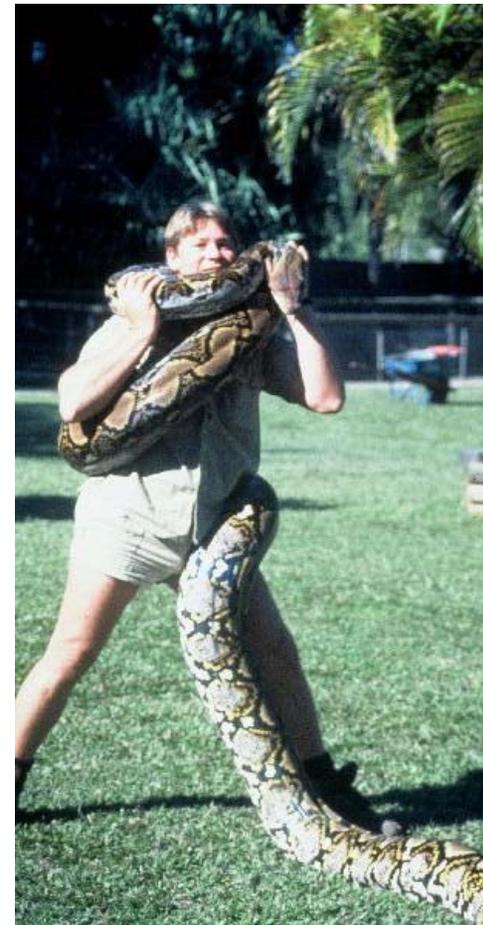


# Preparedness - Spill Plans

**"DO NOT MEDDLE IN THE AFFAIRS OF DRAGONS  
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## Regulatory Requirements

- Environmental Protection Agency Oil Spill Prevention Control and Countermeasures (SPCC)/Facility Response Plan (FRP) - Title 40 Code of Federal Regulations (CFR) Part 112
- United States Coast Guard (USCG) Facility Response Plan - 33 CFR 154, Subpart F
- Resource Conservation and Recovery Act (RCRA) Contingency Plan - Title 40 CFR Parts 262/264/265
- Clean Air Act (CAA) Risk Management Plan - Title 40 CFR Part 68
- OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Emergency Response Plan - Title 29 CFR 1910.120
- Occupational Safety and Health Administration (OSHA) Emergency Action Plan - Title 29 CFR 1910.38(a)
- OSHA Chemical Hygiene Plan - Title 29 CFR 1910.1450
- Minerals Management Service (MMS) Facility Response Plan - Title 30 CFR Part 254
- Department of Transportation (DOT) Research and Special Programs Administration (RSPA) Pipeline Response Plan - Title 49 CFR Part 194
- Emergency Planning and Community Right To Know (EPCRA) - Title 40 CFR Part 355
- City of Jacksonville Ordinance Code Chapter 365



# Notification

*"Do not seek counsel from the elves, for they will say both no and yes."*

"Don't call those environmental people!"

"It's below the reportable quantity so..."

"I'll clean it up myself."



# Notification - County Requirements



**"DO NOT MEDDLE IN THE AFFAIRS OF DRAGONS  
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C.O.C. Chapter 365.107 - Civil

C.O.C. Chapter 365.110 - Criminal

It is a violation for an owner operator to fail to report to the Department the release of hazardous regulated substances.

C.O.C. Chapter 360.701

It is a minor violation to fail to notify the Department of a spill or release, subject to Part IV of Chapter 365, of petroleum or petroleum product that is between 10 gallons and 100 gallons by volume or causes a sheen on surface water which is between one and 24 hours late in reaching the Department. Notifications exceeding 24 hours shall be liable according to C.O.C Chapter 365.108.

# Notification - State Requirements



**"DO NOT MEDDLE IN THE AFFAIRS OF DRAGONS  
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## ■ Chapters 376 and 403, Florida Statutes

- Petroleum Products
  - Spills into/involving state waterways (any amount)
  - Spills greater than 25 gallons (or potential > 25 gallons)
  - Spills requiring any state/federal notifications or assistance
  
- Chemical Spills
  - All SARA/EHS/CERCLA Releases
  - All spills threatening population or the environment
  - All spills requiring evacuation
  
- Radiological
  - All incidents involving suspected/actual radioactive materials
  - All incidents concerning nuclear power plants

# Notification - Federal Requirements



**“DO NOT MEDDLE IN THE AFFAIRS OF DRAGONS  
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- Oil (including petroleum fuel oil, sludge, oil refuse, oil mixed with waste, etc.)
  - Spill into or upon the navigable waters ( including surface water, drainage ditches, etc.) or into or upon adjoining shorelines.
  
- EHS
  - CERCLA release of a RQ into the environment
  - Continuous release of a RQ into the environment
  
- Hazardous Waste
  - Any release, fire, or explosion that could threaten human health or the environment outside the facility
  - Any off-site release from a TSD Facility > RQ
  - Any release to the environment from a HW Tank or secondary containment

# Notification - Federal Requirements

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## ■ Hazardous material/waste - transportation

- A person is killed
- A person is injured requiring hospitalization
- Property damage exceeds 50,000
- Transportation arteries are closed > one hour
- Evacuate general public > one hour.
- Fire, release, or contamination involving either radioactive material or etiological agents.
- In the judgment of the carrier there exists a continuing danger to life



# Notification – Phone Numbers

*"Do not seek counsel from the elves, for they will say both no and yes."*

## ■ City of Jacksonville



- Environmental Resource Management Department
- **630-3635**

## ■ State Warning Point



- Florida Department of Environmental Protection
- **1-800-320-0519**

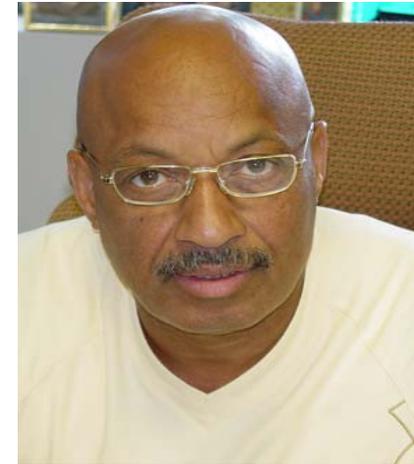
## ■ National Response Center

- USGC/EPA
- **1-800-424-8802**



# Notification

**"Do not meddle in the affairs of wizards, for they are subtle and quick to anger."**



# Recovery - Negotiation

*"Do not seek counsel from the elves, for they will say both no and yes."*



"It's not that bad..."

"They've got a BIG problem here!"

"We stopped it right here!"



# Recovery - Cleanup

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C.O.C. Chapter 365.107 - Civil

C.O.C. Chapter 365.110 – Criminal

It is a violation for any person to knowingly allow or deliberately cause the discharge of a hazardous regulated substances or pollutant

It is a violation for any person causing a release or for an owner or operator to fail to cleanup to standards established by Board Rule any property or facility that has received a release of a hazardous regulated substance



# Disposal

**“DO NOT MEDDLE IN THE AFFAIRS OF DRAGONS  
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C.O.C. Chapter 365.107 - Civil

C.O.C. Chapter 365.110 – Criminal

For any person to dispose of or for any owner or operator to permit the disposal of a hazardous regulated substance in any manner not in accordance with the rules and regulations of EPA, of DEP, or of the Board



# Recovery - Monitoring

*"Do not seek counsel from the elves, for they will say both no and yes."*

The Emergency Response Activity provides regulatory oversight for source removal with no further action in ~97% of its incident responses

~1% - referrals to Petroleum Cleanup

~1% - referrals to FDEP

>1% enforcement



# Recovery – Follow-up

**“DO NOT MEDDLE IN THE AFFAIRS OF DRAGONS  
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## Documentation

- Reports
  - Internal
  - Regulatory
    - Source Removal Reports
    - Manifests
- Critique
- Plan review

## Public Information



UNIFORM HAZARDOUS WASTE MANIFEST		From Approved OMB No. 2010-0038 Expires 01-31-11	
1. Generator's Name and Mailing Address	2. Generator's US EPA ID No.	3. Page # of Manifests of this material case to be required by Federal law	4. State Manifest Document Number
5. Generator's ID	6. State Generator's ID	7. Transporter's Name	8. State Transporter's ID
9. Transporter's US EPA ID Number	10. US EPA ID Number	11. Transporter's Name	12. State Transporter's ID
13. Disposal Facility Name and Site Address	14. US EPA ID Number	15. Disposal Facility's Name	16. State Facility's ID
17. US DOT Description (Including Proper Shipping Name, Hazard Codes, and ID Number)	18. Container No.	19. Qty.	20. Waste No.

## NFESC Environmental Department

### U.S. Navy Model Integrated Contingency Plan for Navy Facilities

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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF PETROLEUM STORAGE SYSTEMS  
PETROLEUM CLEANUP PROGRAM

LIMITED CONTAMINATION ASSESSMENT REPORT (LCAR)  
PREPARATION GUIDANCE  
June 9, 2000

A Limited Contamination Assessment Report (LCAR) is required for participation in the Petroleum Cleanup Participation Program (PCPP) and Preapproved Advanced Cleanup (PAC) Program as stated in Sections 376.3071(13) and 376.30713, Florida Statutes (F.S.). The purpose of the LCAR is to support the proposed course of action and to estimate the cost of the proposed course of action. A LCAR does not necessarily have to be of a scope comparable to a Site Assessment Report (SAR), as required by Chapter 62-770, F.A.C., but it must be signed and sealed by a registered Professional Engineer or Professional Geologist as specified in Rule 62-770.490, F.A.C., and must be adequate to determine the best course of action to achieve site closure and to develop a reasonably accurate estimate of the amount required to implement the selected course of action. The more information that is provided in the LCAR, the better the cost estimate will be, and the more accurate the cost share amount will be. Existing assessment information should be used to its maximum extent if that information is current. Due to the time constraints associated with review of the PAC application and LCAR, it will not be possible for the Florida Department of Environmental Protection (FDEP) to request and obtain supplemental assessment data. Therefore, a consequence of an inadequate LCAR may be that the PAC application will be considered incomplete. For the PCPP, a LCAR is not required until the FDEP notifies the responsible party that funding is available to initiate cleanup activities at the site. If the LCAR submitted for the PCPP is found to be inadequate, the FDEP may request that additional assessment activities be performed. If needed to support the proposed course of action and to estimate the cost of the proposed course of action, the LCAR at a minimum must include:

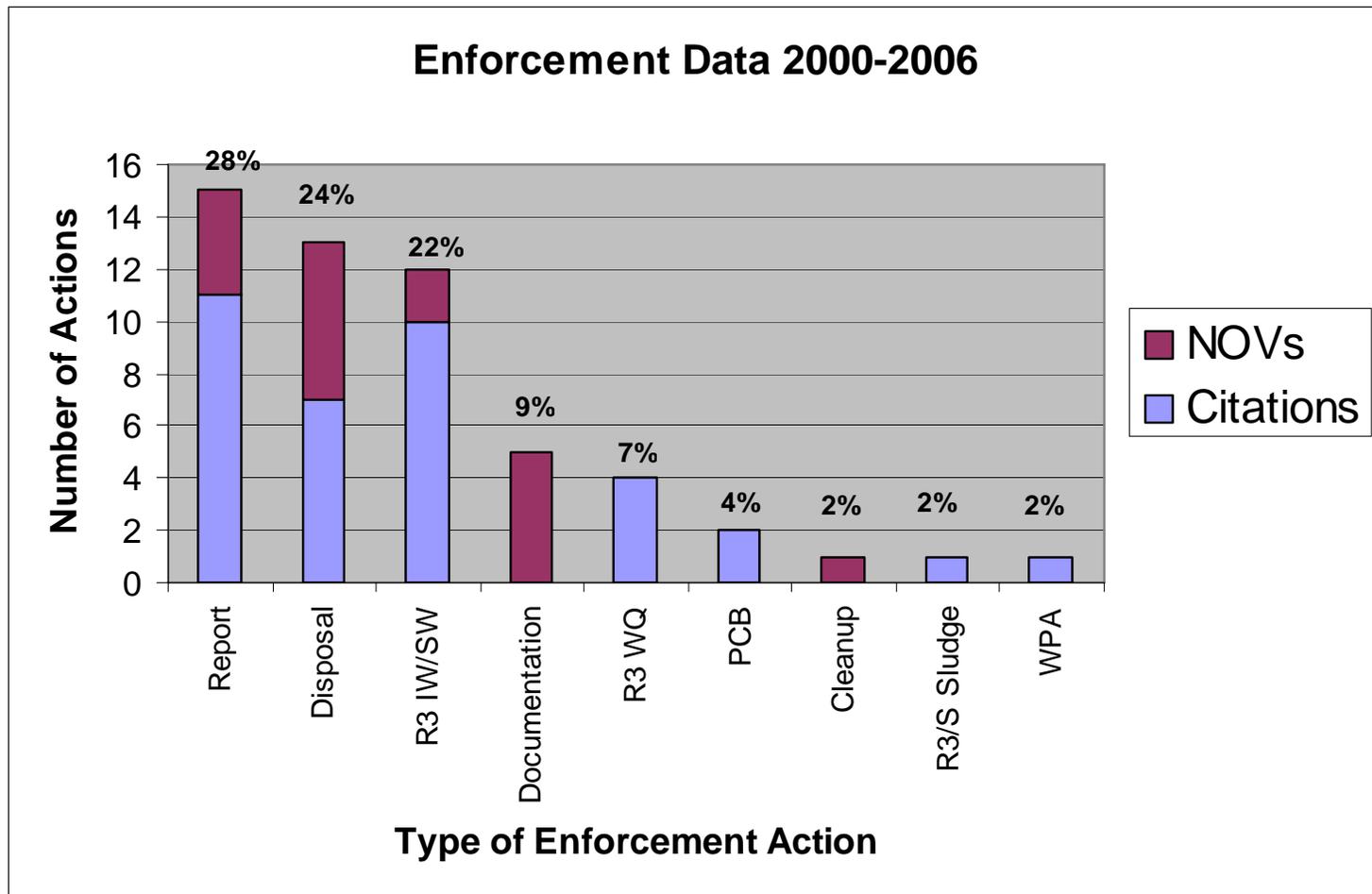
# Enforcement

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# Enforcement

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# Emergency Response

## Stay Safe!

**“ Every day  
that the ground hog doesn’t bring you your mail  
is a good day.”  
– Doc Swain**

