



FPL

Hostile Action Based EP Drills

Elements of a Successful Demonstration

Donna Calabrese

EP Manager

FPL – St Lucie Plant

Contributors to a Successful Demonstration

- Planning Horizon
- Level of Detail Applied
- Team Ownership
- Practice and Learn

Elements of an Effective Tabletop

- Preparation
 - Assessment/Benchmarking
 - Use of tools provided
 - Partner with Offsite Agencies
 - Scenario
 - Participants
 - Facilitators
 - Walkthrough

I. Hostile Action Based Drill Objectives	Responsibility										NUREG 0654 Planning Standard	Performance Attributes
	C R	T S C	O S C	E O F	S e c u r i t y	I C P	C o u n t y	S t a t e	L E A	E N C		
10. Demonstrate the ability to coordinate and conduct fire and medical responses in the field.	X				X	X					F, L	<ul style="list-style-type: none"> •Coordinate deployment of fire and medical response resources between ICP, on-site ERO facilities (if activated), and security. •Responses should be demonstrated to both multiple personnel casualties and a fire in the protected area potentially or actually affecting safety-related equipment.
11. Demonstrate the ability to account for on-site personnel once the threat is neutralized. (refer to D.15)					X						J	Discuss and/or implement appropriate strategies for conducting accountability and facilitating movement of on-site personnel (including assembly and release as required) in the post-threat environment.
12. Demonstrate radiation protection measures for off-site responders. (refer to E.4)		X	X			X					K	As appropriate to the post-threat environment, discuss and/or implement measures such as dosimetry, KI, respiratory protection, etc.
13. Demonstrate the ability to perform an assessment of off-site radiological consequences from a projected release. (refer to E.2)				X							I	<ul style="list-style-type: none"> •Perform an off-site dose projection based on a possible (e.g., what-if) radiological release. •Determine if the projection results cause or alter PARs.

I. Hostile Action Based Drill Objectives	Responsibility									NUREG 0654 Planning Standard	Performance Attributes	
	C R	T S C	O S C	E O F	S e c u r i t y	I C P	C o u n t y	S t a t e	L L E A			E N C
14. Demonstrate the ability to assess the impact of the attack on the security plan, and to identify and implement compensatory measures if needed.					X						None	<ul style="list-style-type: none"> •Security management should assess the effects of the attack on the ability to control access (to both the site and the protected area), maintain defensive positions (officer casualties, damage to protective enclosures, etc.), and operate security-related equipment. •Compensatory measures should be developed to restore physical security; this may include use on law enforcement personnel and resources. •As needed, security should advise the appropriate ERO personnel of the need to invoke 10 CFR 50.54 (x) <ul style="list-style-type: none"> ○ERO and Operations perform subsequent notification to the NRC
15. Demonstrate the ability of the ERO to coordinate the development and release of public information with the ICP. (refer to G.5)				X		X	X	X	X	X	G	Integrate public information officials from law enforcement agencies into JIC operations. Press releases and statements must be vetted for sensitive and safeguards information prior to issuance.

Elements of an Effective Tabletop

- Facilitation

- Use of a team approach
- Demonstration Criteria
- Define key messages
- Understand the phases
- Maintain focus while allowing for “free play”
- Summarize when appropriate

Incorporate Lessons Learned from Tabletop

- What do the participants need to succeed?
 - Training
 - Integration (inside and outside the fence)
 - Information (verbal, written)
 - Logistics
 - Strong Controller Organization

Good Practices

- Training
 - Onsite personnel
 - OROs
- Facility Process Aids
 - What's different?

Good Practices

- Integration
 - Incident Command and Utility Partnership
 - Briefs (Incident Commander and Utility)
 - Use of White Boards to demonstrate IC functions

Good Practices

- Information
 - Scenario needs to be solid
 - Communications plan
 - Conference Bridges
 - Open line with wireless headsets
 - Visual Cues

Good Practices – Visual Cues



Good Practices

- Logistics
 - Grab 'N Go Kits at Fire Stations
 - LLEA Maps with grids
 - Procedures
 - Photos of key licensee responders
 - TLDs
 - KI

Good Practices

- Controllers are critical to your success
 - Timeline
 - Areas of expertise
 - Visual cues

Good Practices – Visual Cues

No. 239352 **TRIAGE TAG** No. 239352

PART I

No. 239352

CALIFORNIA FIRE CHIEFS ASSOCIATION®

Leave the correct Triage Category ON the end of the Triage Tag

Move the Walking Wounded	MINOR
No respirations after head tilt	DECEASED
<input type="checkbox"/> Respirations - Over 30	IMMEDIATE
<input type="checkbox"/> Perfusion - Capillary refill Over 2 seconds	IMMEDIATE
<input type="checkbox"/> Mental Status - Unable to follow simple commands	IMMEDIATE
Otherwise-	DELAYED

MAJOR INJURIES: _____

HOSPITAL DESTINATION: _____

ORIENTED DISORIENTED UNCONSCIOUS

TIME	PULSE	B/P	RESPIRATION

DECEASED

IMMEDIATE No. 239352

DELAYED No. 239352

MINOR No. 239352

Movement of Onsite Personnel

- Coordination with LLEA
- Establish priorities
- Understanding conditions of the plant
- Establish travel routes
- Security escorts

Assessment /How do you measure success?

- Did you demonstrate all the objectives?
 - Security Event
 - Plant response
 - ORO response
 - Local, state and federal
 - Protective Actions
 - Media

For additional information

Donna.Calabrese@fpl.com

772-467-7185 (office)

772-201-0596 (cell)

