

**To** : NRC NRC  
**Facility** : CR3 Department :  
**Address** : CR3-01242 / MAIL CODE: N/A  
 DC DESK-ATTN: DENNIS HAGAN  
 SAFEGUARDS TO J. WALKER-NA2S

**From** : CR3DOCSVCS Attention: DOCSVCS NA1E / PLNTSUPT NR2  
**Address** : DUKE ENERGY FLORIDA  
 CRYSTAL RIVER COMPLEX  
 15760 WEST POWERLINE STREET  
**City** : CRYSTAL RIVER State: FL Postal Code: 34428-6708  
**Country** : UNITED STATES  
**Email** :  
**Contact** :

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CRYSTAL RIVER UNIT 3  
PLANT SECURITY PROCEDURE  
PERMANENTLY DEFUELED

**EM-211**

**DUTIES OF THE CR3 NUCLEAR SECURITY ORGANIZATION**

REVISION 30

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## 1.0 PURPOSE

1. This procedure is an Emergency Plan implementing procedure.
2. This procedure provides guidance to the CR3 Nuclear Security Organization in the event of a radiological or other Plant emergency situation.
3. Any revisions must be carefully considered for Emergency Plan impact.

## 2.0 REFERENCES

### 2.1 Implementing References

1. CR3-PSP, Duke Energy Florida – Crystal River Unit 3 (CR3) Nuclear Plant Physical Security Plan, Security Training and Qualification Plan, And Safeguards Contingency Plan (SECURITY PLAN)
2. CR3 Permanently Defueled Emergency Plan (PDEP)
3. NRC Bulletin 2005-02, "Emergency Preparedness and Response Actions for Security-based Events"
4. AD-SY-ALL-0110, "Protection of Information Related to Nuclear Security"
5. SEC-NGGC-2141, "Fitness for Duty Unscheduled Work Call Outs"
6. SEC-92166, "Site Access Controls"
7. SEC-92147, "Reporting Of Safeguards And Fitness-For-Duty Events"
8. EM-205, "Personnel Emergency Responsibilities Regarding Discovery, Assembly, Evacuation and Accountability within the Protected Area"
9. EM-206, "Emergency Plan Roster Notification"
10. EM-911D, "Security Threats For Decommissioned Plant"
11. SS-206, "Security Safeguard Contingency Events"
12. SS-212, "Defensive Strategy Procedure"
13. **[R1]** NOCS 014050
14. 10 CFR 73.71, "Reporting of Safeguard Events"
15. EM-501, "Operation Of The Emergency Support Center (ESC)"
16. EM-502, "Conduct Of The Emergency Coordinator"

### 3.0 DEFINITIONS

1. **Accountability:** The process of identifying personnel remaining inside the Protected Area (PA) and ascertaining the names of missing individuals. Accountability is normally performed via the use of card readers and the Plant Security Computer System (PSCS) when a site evacuation has been called, or anytime accountability is requested by the Emergency Coordinator. In the event card readers and/or the PSCS are unavailable, exiting personnel can be logged off site manually by Security personnel posted at the exit portal(s), which may include the retrieval of badges of exiting personnel, or attendance can be taken at the Main Assembly Area. Depending on the nature of the event, Protected Area vehicle and/or personnel gates may be utilized to expedite personnel egress from the PA.
2. **Authorized Personnel:** Those individuals whose entrance to the CR3 PA during emergencies has been approved by the Emergency Coordinator (EC), and coordinated with the Director- Nuclear Plant Security.
3. **Emergency Classification Levels**
  - a. **Unusual Event:** Events are in process or have occurred which indicate a potential degradation of the level of safety of the Plant or indicate a Security threat to facility protection has been initiated. No releases of radioactive material requiring off-site response or monitoring are expected unless further degradation of safety systems occurs.

This classification brings the operating staff to a state of readiness if escalation to a more severe action level classification occurs
  - b. **Alert:** Events are in process or have occurred which involve an actual or potentially substantial degradation of the level of safety of the Plant or a security event that involves probable life threatening risk to site personnel or damage to site equipment because of hostile action. Any releases are expected to be limited to small fractions of the EPA Protective Action Guideline exposure levels.

The ESC is staffed and assembly and accountability are performed at Local Assembly Areas.
4. **Civil Disturbance:** A group of people violently protesting station operations or activities at the site. A civil disturbance is considered violent when force has been used in an attempt to injure personnel or damage plant property.
5. **Emergency Support Center (ESC):** The ESC is located in the Control Complex 145' elevation Operations Breakroom and is staffed whenever an Alert classification is declared. This facility provides a point of assembly for emergency response personnel assisting the Emergency Coordinator (EC) in monitoring activities and facilitating repairs during an emergency.

### 3.0 DEFINITIONS (Cont'd)

6. **Hostile Action:** An act toward a Nuclear Power Plant or its personnel that includes the use of violent force to destroy equipment, take hostages, and/or intimidate the licensee to achieve an end. This includes attack by air, land, or water using guns, explosives, projectiles, vehicles, or other devices used to deliver destructive force. Other acts that satisfy the overall intent may be included.  
  
"Hostile Action" should not be construed to include acts of civil disobedience or felonious acts that are not part of a concerted attack on the Nuclear Power Plant. Non-terrorism- based EAL's should be used to address such activities (e.g., violent acts between individuals in the owner controlled area).
7. **Hostile Force:** One or more individuals who are engaged in a determined assault, overtly or by stealth and deception, equipped with suitable weapons capable of killing, maiming, or causing destruction.
8. **Intrusion/Intruder:** A suspected hostile individual (outsider) present inside the Protected Area without authorization. An intruder may also include a badged employee (insider) attempting to commit, or providing assistance to others in committing, sabotage. These activities may occur while the insider is either physically inside or outside the Protected Area. Upon identification, the insider's authorization is immediately revoked by Security.
9. **Missing Individual:** An unaccounted for person remaining in the PA following an evacuation or when the EC requests accountability, and is not in, or dispatched from the Control Room, ESC or Nuclear Security Operations Center (NSOC).
10. **Protected Area (PA):** All areas within the CR-3 Security perimeter fence, that require badged authorization for entry.
11. **Security Condition:** Any Security event as listed in the approved security contingency plan that constitutes a threat/compromise to site security, threat/risk to site personnel, or a potential degradation to the level of safety of the plant. A Security Condition does not involve a Hostile Action.
12. **Security Event:** Any incident representing an attempted, threatened, or actual breach of the security system or reduction of the operational effectiveness of that system. A Security Event can result in either a Security Condition or Hostile Action.
13. **Site- Wide Emergency Alarms**
  - a. Reactor Building Evacuation Alarm – High pitched steady tone
  - b. Auxiliary Building Evacuation Alarm – Pulsing tone
  - c. Site Evacuation Alarm – Yelping sound
  - d. Site Fire Alarm - Siren

#### 4.0 RESPONSIBILITIES

1. **Director- Nuclear Plant Security** controls CR3 access, performs Accountability, and interfaces with Local Law Enforcement Agencies as warranted. Provides information to the EC as required and directs the Security Force through the CR3 Security Supervisor(s) and/or the on-duty Security Shift Supervisor(s) (SSS). The Director- Nuclear Plant Security has the authority to use the Security Organization or any other available personnel to control access to the Plant or to implement and enforce the evacuation and accountability of personnel as directed by the EC
2. **CR3 Security Specialists** report directly to the Director- Nuclear Plant Security and individually may act as an authorized designee of the Director- Nuclear Plant Security as needed.
3. **Security Coordinator** is a position filled by the Director- Nuclear Plant Security or designee. The Security Coordinator is positioned in the ESC to advise and assist the EC.
4. **Security Shift Supervisor** (SSS) controls the CR3 Security Force and implements the actions directed by the Director- Nuclear Plant Security or designee. In the absence of the Director- Nuclear Plant Security or designee, the SSS would act as the Security Coordinator.
5. **CR3 Security** is responsible, under the direction of the Director-Nuclear Plant Security, for Security measures required within the CR3 PA. During a Plant emergency situation, Security shall expand the day-to-day operations to include the activities required to maintain personnel safety and Plant Security under emergency conditions. If the emergency is a Security related event, the Security Coordinator on-site will provide periodic updates to the EC and Shift Supervisor. Additionally, CR3 Security controls and directs the activities required to maintain physical security of personnel and property, and directs the evacuation of personnel from the Energy Complex.
  - a. During Plant emergencies requiring Security response, Health Physics directives or procedures will be complied with.
  - b. During certain emergencies (i.e., Security related events, Large Area Fire). The Crystal River Energy Complex Emergency Response Coordinator may establish an Incident Command Post (ICP). In the event an ICP is established, Security Coordinators may be assigned to staff the ICP to support its function and to provide liaison between CR3 Security and off-site response agencies (i.e., local law enforcement, fire/rescue, emergency medical, etc.).

#### 5.0 PREREQUISITES

None

## 6.0 LIMITATIONS, PRECAUTIONS, AND NOTES

**NOTE:** The requirement for conducting PA Accountability is stated in 6.0 (1), however; Accountability may be requested by the EC at anytime during an event.

1. Protected Area (PA) Accountability must be completed within thirty (30) minutes of sounding the Site Evacuation Alarm.
2. During Plant evacuations that must be conducted expeditiously (i.e. those associated with an imminent threat to CR3) consideration should be given to allow Plant personnel to exit the PA via the Primary or Alternate Vehicle Gates. Individuals' badges can be collected by Security at either of these locations so that Accountability may be performed. See Subsection 9.3, On-Site Protective Actions and Evacuation Guidelines for additional guidance.
3. As a result of a Security related event, log and note sheets must be carefully reviewed to ensure they do not contain any Safeguards Information in accordance with AD-SY-ALL-0110, Use, Storage, and Protection of Safeguards and other Limited Access Information.
4. During Security related events, discretion must be used in discussing/communicating information that may contain Safeguards. The provisions of AD-SY-ALL-0110 must be followed at all times regardless of conditions/events.
5. During Security related events, consideration must be given with regard to establishing and maintaining crime scene integrity.
6. If a Security related Condition or Hostile Action should occur, refer to SS-206, SS-212 and/or the CR3 Safeguards Contingency Plan.

## 7.0 SPECIAL TOOLS AND EQUIPMENT

None

## 8.0 ACCEPTANCE CRITERIA

None



## 9.0 INSTRUCTIONS

**NOTE:** These INSTRUCTIONS are to be FOLLOWED by the Security Coordinator whether that position is being filled by the Director- Nuclear Security or a designee.

### 9.1 Unusual Events

1. No formal requirements are levied upon Security once notified that an Unusual Event has been declared. The Unusual Event classification is designed to bring the Plant staff to a state of readiness in the event of an escalation to a more severe action level classification.
2. REFER to Attachments 1 and 2 for "Suggested Actions" upon notification that an Unusual Event condition has been declared.

### 9.2 Alert

1. REFER to Attachments 1 and 2 for "Suggested Actions" upon notification that an Alert has been declared.

### 9.3 On-Site Protective Actions and Evacuation Guidelines

1. Per the provisions of EM-911D, "Security Threats For Decommissioned Plant", CR3 Security may be directed by the Operations Shift Supervisor (SS) to take actions associated with personnel evacuation of the Protected Area and/or Owner Controlled Area (OCA).
2. Imminent threat warnings are divided into three (3) specific categories as follows:
  - a. Informational: > 30 minute warning
  - b. Urgent: 5- 30 minute warning
  - c. Immediate: <5 minute warning

It is the responsibility of the SS (with possible assistance from Security and /or other sources as applicable) to determine the appropriate response.

### Subsection 9.3, On-Site Protective Actions and Evacuation Guidelines (Cont'd)

3. EM-911D, "Security Threats For Decommissioned Plant", outlines protective actions and associated pre-scripted PA announcements for the SS to utilize. Since PA/OCA evacuation and accountability are responsibility of the Security Force during an imminent threat scenario, all Security personnel must be aware of the measures they may need to implement depending on the imminent threat warning issued by the SS as follows:
  - Informational: > 30 minute warning
    - IF during period of higher than normal Plant population, Security will consider opening Visitor Gate (AG-16) to expedite egress, will continue use of the normal Exit Turnstiles, and will perform accountability.
    - IF utilizing the Exit Turnstiles, Security will instruct evacuees to walk through the exit portal radiation monitors (exiting personnel DO NOT need to "stand and count") and instruct the SAS Operator to NOT lock out the Exit Turnstiles during this time.
    - Following accountability, the SS may consider instructing Security to evacuate non-essential personnel from the OCA.
  - Urgent: 5-30 minute warning
    - IF < 15 minutes before threat arrival or period of higher than normal Plant population, Security will consider opening Visitor Gate (AG-16) and/or utilize the Exit Turnstiles and/or the Vehicle Gate as necessary for rapid egress and will perform accountability.
    - IF utilizing Exit Turnstiles, Security will instruct evacuees to walk through the exit portal radiation monitors (exiting personnel DO NOT need to "stand and count") and instruct the SAS Operator to NOT lock out the Exit Turnstiles during this time.
    - IF > 15 minutes, egress can be through AG-16 and the Exit Turnstiles (exiting personnel DO NOT need to "stand and count" and the SAS Operator DOES NOT need to lock-out the Exit Turnstiles during this time.)
  - Immediate: <5 minute warning
    - The SS will notify Security to expedite PA evacuation and to perform accountability. In addition to utilizing the Exit Turnstiles and AG-16, Security may consider opening the Vehicle Gate and collecting badges of exiting personnel.

#### 9.4 Security Force

1. The Security Force should be advised to increase their level of alertness and attention to duty upon notification that an Unusual Event condition has been declared.
2. During declared Alerts, the Security Force will be directed by the SSS, who will receive direction from the Security Coordinator.
3. During occurrences requiring response by any Emergency Response Team (Fire, Medical, etc.), Security personnel dispatched to the scene will report to the appropriate Team Leader to assist with scene access control and/or perform other duties as requested.
4. FOLLOW the provisions of SEC-NGGC-2141, Fitness For Duty Unscheduled Work Call Outs, and SEC-92166, Site Access Controls, for those Plant employees who have been contacted to report to the Plant.

#### 10.0 RECORDS

1. Checklists that are completed during actual emergencies are kept for the life of the plant.

**SECURITY COORDINATOR'S SUGGESTED ACTION CHECKLIST**

- NOTES:**
1. The EC has the authority and responsibility to invoke 10CFR 50.54 (x) and (y) or Section 24 of the CR3-PSP, Duke Energy Florida – Crystal River Unit 3 (CR3) Nuclear Plant Physical Security Plan, Security Training and Qualification Plan, And Safeguards Contingency Plan (SECURITY PLAN), as applicable, for suspension of Safeguards. The Security Coordinator must determine the reason for the suspension of Safeguards and if it is to be full or partial suspension.
  2. Casualty identification is the responsibility of Security. Any information concerning Site casualties will only be transmitted to the EC.
  3. Following this Attachment through completion is strongly recommended. As designated, include the time completed on the line provided.
  4. Nuclear Security ensures emergency response personnel are notified in accordance with EM-206, Emergency Plan Roster Notification.
  5. Notification must be made in accordance with SEC-92147 when reasonable suspicion of a 1 hr. reportable event has occurred.

**1.0 UNUSUAL EVENT**

1. NOTIFY CR3 Security Specialists as appropriate ..... (time)

**2.0 ALERT**

1. OBTAIN Security radio ..... ☐
2. RECEIVE pass-along brief from the SSS on-duty ..... (time)
3. COORDINATE PA accountability (if performed) with the SSS ..... (time)
4. EVALUATE the need to call in additional Security personnel ..... ☐
5. DOCUMENT actions ..... ☐

**SECURITY SHIFT SUPERVISOR'S (OR DESIGNEE'S) SUGGESTED ACTION CHECKLIST**

- NOTES:**
1. The EC has the authority and responsibility to invoke 10CFR50.54 (x) and (y) or Section 24 of the CR3-PSP, Duke Energy Florida – Crystal River Unit 3 (CR3) Nuclear Plant Physical Security Plan, Security Training and Qualification Plan, And Safeguards Contingency Plan (SECURITY PLAN), as applicable, for suspension of Safeguards. The SSS must determine the reason for the suspension of Safeguards and if it is full or partial suspension.
  2. Casualty identification is the responsibility of Security. Any information concerning Site casualties will only be transmitted to the EC.
  3. Following this Attachment through completion is strongly recommended. As designated, indicate the time completed on the line provided.
  4. Nuclear Security ensures emergency response personnel are notified in accordance with EM-206, Emergency Plan Roster Notification.
  5. If the Security Shift Supervisor is acting as the Security Coordinator he/she should transition to Attachment 1. The SSS designee will complete Attachment 2.

**1.0 UNUSUAL EVENT**

1. NOTIFY the Director- Nuclear Plant Security or designee(s) ..... (time)
2. NOTIFY Security Project Manager (PM) ..... (time)
3. NOTIFY Security on call..... (time)
4. ADVISE the Security Force of the event ..... (time)
5. NOTIFY personnel at the Nuclear Security Training Building (STB) and/or Site Administration Building (SAB) of the event (if applicable) ..... (time)
6. PREPARE to cordon off affected area(s) surrounding the emergency ..... ☐
7. CONSIDER requesting a dose rate instrument be placed in CAS by HP..... ☐

**SECURITY SHIFT SUPERVISOR'S (OR DESIGNEE'S)  
SUGGESTED ACTION CHECKLIST (Cont'd)**

**2.0 ALERT**

1. As directed, ACTIVATE the ERO in accordance with EM-206..... (time)
2. NOTIFY all Security personnel to remain on assigned posts and  
await further instructions ..... (time)
3. NOTIFY the Director- Nuclear Plant Security or designee(s) of  
change in emergency conditions..... (time)
4. EVALUATE the need for additional Security support and advise the  
Superintendent, Security or designee(s) ..... (time)

<b>NOTE:</b> Ensure all call-ins are directed to muster at the Nuclear Security Operations Center (NSOC) or designated alternate assembly area.
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5. CALL-IN additional Security personnel as warranted..... (time)
6. ENSURE SEC-NGGC-2141 and SEC-92166 are complied with..... (time)
7. NOTIFY PM of change in emergency conditions ..... (time)

## Summary of changes

PRR 742833

**NOTE:** Writers and reviewers; ensure that any changes to this procedure that affect information contained in ERF posters, Enclosures, briefing cards, guidelines, etc... are made to those items as well.

**NOTE:** Writers and reviewers: changes to certain parts of this procedure may impact other EIPs.

SECTION/STEP	CHANGES
1.0	Changed step 1.0.1 to implementing procedure and added step 1.0.3 that states "Any revisions must be carefully considered for Emergency Plan impact". These are editorial changes to reinstate changes that were made erroneously in last revision. This editorial change is bounded by the REG/EREK for PDEP because it identified this procedure as a PDEP implementing procedure (Ref EREG 692316 and REG 699002) This EREG and REG is for REV 29, This editorial will become Rev 30 which will restore these conditions per Rev 29.