



# **Nuclear Power Plant Exercise**

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Byron Generating Station

Radiological Emergency Preparedness Exercise

Radiological Emergency Preparedness Program

Final After-Action Report/Improvement Plan

Exercise Date: July 25, 2023

Report Date: October 3, 2023



**FEMA**

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## Executive Summary

On July 25, 2023, the United States Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) Region 5 Radiological Emergency Preparedness Program evaluation team evaluated the Byron Generating Station's Partial-Participation, Plume Exposure Pathway, Hostile Action-Based, Radiological Emergency Preparedness Exercise in the Emergency Planning Zone for the Byron Generating Station. The Byron Generating Station was located in Ogle County, Illinois.

The purpose of the exercise was to assess the level of state and local preparedness in responding to a radiological incident at the Byron Generating Station. This exercise was conducted in accordance with the DHS/FEMA policies and guidance concerning the exercise of state and local radiological emergency response plans and procedures. The previous federally evaluated exercise at this site was conducted on March 23, 2021. The qualifying emergency preparedness exercise was conducted on November 15, 1983.

Officials and representatives from the State of Illinois and the risk counties of Ogle and Winnebago, and the Licensee participated in this exercise. State and local officials demonstrated knowledge of their emergency response plans and procedures and successfully implemented them. The DHS/FEMA evaluation team identified no Level 1 or Level 2 Findings and no Plan Issues for the 2023 Byron Generating Station Exercise.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Approximately 250 individuals participated in the off-site portion of the exercise, including local volunteers. The professionalism and teamwork of the participants was evident throughout all phases of the exercise.

## Section 1: Exercise Overview

Exercise Name	2023 Byron Generating Station Radiological Emergency Preparedness Exercise	
Type of Exercise	Partial Participation, Plume Exposure Pathway, Hostile Action-Based, and Re-Entry, Relocation, Return, Re-occupancy, Radiological Emergency Preparedness Exercise	
Exercise Date	July 25, 2023	
Out of Sequence Date(s)	July 12, 2023, July 18, 2023, July 24, 2023, July 26, 2023, and August 9, 2023	
Program	Radiological Emergency Preparedness Program	
FINAL Scenario Submittal to FEMA	June 18, 2023	
FINAL Extent-of-Play Agreement Submittal to FEMA	June 27, 2023	
Mission Area	Response, Mitigation, Protection	
Core Capabilities	Access Control/Identity Verification	Natural & Cultural Resources
	Critical Transportation	On-Scene Security, Protection, & Law Enforcement
	Environmental Response/Health & Safety	Operational Communication
	Health & Social Services	Operational Coordination
	Housing	Planning
	Situational Assessment	Public Health, Healthcare, & Emergency Medical Services
	Mass Care Services	Public Information & Warning
Participating Organizations	See Appendix B for the list of Participating Organizations	
Evaluated Facilities	See Appendix F for the Extent-of-Play Agreement	
Exercise Planning Team	Illinois Emergency Management Agency Ogle County Emergency Management Agency Winnebago County Emergency Services and Disaster Agency Constellation Emergency Preparedness	
FEMA Exercise Evaluation Leadership Team	Sean O'Leary, Chair, Regional Assistance Committee Stephen Tulley, Exercise Director Edward Golinski, Assistant Director Carl Bebrich, Assistant Director David Persaud, Site Specialist	

## Section 2: Exercise Design Summary

### 2.1 Exercise Purpose

The U.S. Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) administers the Radiological Emergency Preparedness Program pursuant to the regulations found in Title 44 CFR parts 350, 351, 352, 353, and 354. CFR § 350 codifies 16 planning standards that form the basis for radiological emergency response planning for the licensee, state, local, tribal, and territorial governments impacted by the emergency planning zones established for each nuclear power plant site in the United States. United States Nuclear Regulatory Commission regulations also codify the 16 planning standards for the licensee. The Title 44 CFR § 350 sets forth the mechanisms for the formal review and approval of state, local, tribal, and territorial government radiological emergency response plans and procedures by DHS/FEMA. One of the Radiological Emergency Preparedness Program cornerstones established by these regulations is the biennial exercise of offsite response capabilities. During these exercises, affected state, local, tribal, and territorial governments demonstrate the capability to implement their plans and procedures to protect the health and safety of the public in the event of a radiological incident at a nuclear plant.

The results of this exercise, together with reviews of the radiological emergency response plans and verification of the periodic requirements set forth in NUREG-0654/FEMA-REP-1, the annual letter of certification, and staff assistance visits, enabled DHS/FEMA to provide a statement with the transmission of this final after-action report to the United States Nuclear Regulatory Commission. This statement verifies that the affected state, local, tribal, and territorial plans, and preparedness are: (1) adequate to protect the health and safety of the public living in the vicinity of the nuclear power facility by providing reasonable assurance that appropriate protective measures can be taken offsite in the event of a radiological incident; and (2) capable of being implemented. Using the Homeland Security Exercise and Evaluation Program methodology, core capabilities-based planning allows for exercise planning teams to develop exercise objectives and observe exercise outcomes through a framework of specific action items.

### 2.2 Exercise Core Capabilities

Furthermore, in an effort to strengthen response against catastrophic incidents, DHS/FEMA is aligning the REP Program with the National Preparedness System to ensure that not only preparedness is addressed, but also the five mission areas: prevention, protection, recovery, response, and mitigation. Additionally, the exercise objectives and capability targets assessed meet Radiological Emergency Preparedness Program Manual requirements and objectives. The core capabilities scheduled for demonstration during this exercise were:

- **Access Control/Identity Verification:** Apply a broad range of physical, technological, and cyber measures to control admittance to critical locations and systems, limiting access to authorized individuals to carry out legitimate activities.
- **Critical Transportation:** Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals, and the delivery of vital response personnel, equipment, and services into the affected areas.
- **Environmental Response/Health and Safety:** Conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all-hazards in support of responder operations and the affected communities.



- **Health and Social Services:** Restore and improve health and social services networks to promote the resilience, independence, health (including behavioral health), and well-being of the whole community.
- **Housing:** Implement housing solutions that effectively support the needs of the whole community and contribute to its sustainability and resilience.
- **Mass Care Services:** Provide life-sustaining and human services to the affected population, to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies. Move and deliver resources and capabilities to meet the needs of disaster survivors, including individuals with access and functional needs.
- **Natural and Cultural Resources:** Protect natural and cultural resources and historic properties through appropriate planning, mitigation, response, and recovery actions to preserve, conserve, rehabilitate, and restore them consistent with post-disaster community priorities and best practices and in compliance with appropriate environmental and historical preservation laws and executive orders.
- **On-Scene Security, Protection, and Law Enforcement:** Ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for response personnel engaged in lifesaving and life-sustaining operations.
- **Operational Coordination:** Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.
- **Operational Communication:** Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected communities in the impact area and all response forces.
- **Planning:** Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or community-based approaches to meet defined objectives.
- **Public Health, Healthcare, and Emergency Medical Services:** Provide lifesaving medical treatment via emergency medical services and related operations and avoid additional disease and injury by providing targeted public health and medical support and products to all people in need within the affected area.
- **Public Information and Warning:** Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard and, as appropriate, the actions being taken, and the assistance being made available.

**Situational Awareness:** Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response. These core capabilities, when successfully demonstrated, meet the exercise objectives. The objectives for this exercise were as follows:

- **Objective 1:** Emergency Operations Management
- **Objective 2:** Exposure Control
- **Objective 3:** Alert and Notification
- **Objective 4:** Detect, Measure, Sample, Analyze, and Assess
- **Objective 5:** Operate

## Section 3: Analysis of Capabilities

### 3.1 Exercise Evaluation and Results

This section contains the results and findings of the evaluation of all jurisdictions and functional entities that participated in the July 25, 2023, plume exposure pathway and re-entry, relocation, return, re-occupancy exercise and out of sequence activities conducted on July 12, 2023, July 18, 2023, July 24, 2023, July 26, 2023, and August 9, 2023.

Each jurisdiction and functional entity were evaluated based on the demonstration of objectives, core capabilities, and capability targets as delineated in the DHS/FEMA Radiological Emergency Preparedness Program Manual dated December 2019. Capability targets are listed by number and the demonstration status of those capability targets are indicated by using the following terms:

- **Met (M):** The jurisdiction or functional entity performed all activities under the objective/capability target to the level required per the work plan and/or the extent-of-play agreement, with no level 1 or level 2 findings evaluated under that objective/capability target during the current activity and no unresolved prior level 2 finding(s).
- **Level 1 Finding (L1):** An observed or identified inadequacy of organizational performance during an assessment activity that could cause a determination that offsite emergency preparedness is not adequate to provide reasonable assurance that appropriate protective measures can be taken in the event of a radiological emergency to protect the health and safety of the public living in the vicinity of a nuclear power plant.
- **Level 2 Finding (L2):** An observed or identified inadequacy of organizational performance during an assessment activity that is not considered, by itself, to adversely impact public health and safety.
- **Plan Issue (P):** An observed or identified inadequacy in the offsite response organization's emergency plan/implementing procedures, rather than in that of the offsite response organization's performance.
- **Not Applicable (NA):** The objective/capability target does not apply to the jurisdiction.
- **Not Selected (NS):** For a justifiable reason, the jurisdiction or functional entity did not perform assessment activities under the objective/capability target as specified in the extent-of-play agreement.

**Table 3.1.1 Summary of Exercise Evaluation - State of Illinois In-Sequence Activities**

<b>SITE: Byron Generating Station</b> <b>DATE: July 25, 2023</b>  M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Radiological Response Group
<b>Objective 1: Emergency Operations Management Capability Targets</b>	
1.1: Mobilization	M
1.2: Direction and Control	NA
1.3: Protective Action Recommendations	NA
1.4: Protective Action Decisions Plume Phase	NA
1.5: Protective Action Decision Implementation Plume Phase	NA
1.6: Protective Action Decisions Post-Plume Phase	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA
<b>Objective 2: Exposure Control Capability Targets</b>	
2.1: Emergency Worker Exposure Control Decision-Making Process	NA
2.2: Emergency Worker Exposure Control Management	M
<b>Objective 3: Alert and Notification Capability Targets</b>	
3.1: Communications	M
3.2: Alert and Notification of the Public	NA
3.3: Emergency Information and Instructions Public and News Media	NA
<b>Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets</b>	
4.1: Field Monitoring Teams Management	M
4.2: Plume Phase Measurements and Sampling	M
4.3: Post-Plume Phase Measurements and Sampling	NA
4.4: Laboratory Operations	NA
4.5: Plume Phase Analysis and Dose Assessment	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA
<b>Objective 5: Operate Capability Targets</b>	
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA
5.4: Traffic and Access Control	NA

**Table 3.1.2 Summary of Exercise Evaluation – State of Illinois Out-of-Sequence Activities**

<b>SITE: Byron Generating Station</b> <b>DATE: July 12, 2023, July 18, 2023, July 24, 2023, and July 26, 2023</b>  M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Sauk Valley Community College - Reception	Sauk Valley Community College – Congregate Care	Morrison Community Hospital - Transport	Morrison Community Hospital - Facility	State Unified Area Command Post	Illinois State Police - Troop 1 - DCO Briefing	Illinois State Police – Troop 1 – TACP Interview
<b>Objective 1: Emergency Operations Management Capability Targets</b>							
1.1: Mobilization	NA	NA	NA	NA	M	NA	NA
1.2: Direction and Control	NA	M	NA	NA	M	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
<b>Objective 2: Exposure Control Capability Targets</b>							
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	M	NA	M	M	NA	M	M
<b>Objective 3: Alert and Notification Capability Targets</b>							
3.1: Communications	M	M	NA	NA	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA	NA	NA
<b>Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets</b>							
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA	NA	NA
<b>Objective 5: Operate Capability Targets</b>							
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	M	M	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	M	M	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	NA	NA	NA	M

**Table 3.1.3 Summary of Exercise Evaluation – Winnebago County In-Sequence Activities**

<b>SITE: Byron Generating Station</b> <b>DATE: July 25, 2023</b>  M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Winnebago County EOC	Winnebago County Sheriff – DCO Briefing	Winnebago County Sheriff – TACP Interview
<b>Objective 1: Emergency Operations Management Capability Targets</b>				
1.1: Mobilization	M	M	NA	NA
1.2: Direction and Control	NA	M	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA
<b>Objective 2: Exposure Control Capability Targets</b>				
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	M	M
<b>Objective 3: Alert and Notification Capability Targets</b>				
3.1: Communications	M	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	M
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA
<b>Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets</b>				
4.1: Field Monitoring Teams Management	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA
<b>Objective 5: Operate Capability Targets</b>				
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	M	M

**Table 3.1.4 Summary of Exercise Evaluation – Ogle County In-Sequence Activities**

<b>SITE: Byron Generating Station</b> <b>DATE: July 25, 2023</b>  M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Ogle County EOC	WRHL/WYOT Radio Station	Ogle County Sheriff ICP
<b>Objective 1: Emergency Operations Management Capability Targets</b>				
1.1: Mobilization	M	M	NA	M
1.2: Direction and Control	NA	M	NA	M
1.3: Protective Action Recommendations	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	M
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA
<b>Objective 2: Exposure Control Capability Targets</b>				
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	M
2.2: Emergency Worker Exposure Control Management	NA	M	NA	M
<b>Objective 3: Alert and Notification Capability Targets</b>				
3.1: Communications	M	M	NA	M
3.2: Alert and Notification of the Public	NA	M	M	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	NA	M
<b>Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets</b>				
4.1: Field Monitoring Teams Management	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA
<b>Objective 5: Operate Capability Targets</b>				
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	M

**Table 3.1.5 Summary of Exercise Evaluation - Ogle County Out-of-Sequence Activities**

<b>SITE: Byron Generating Station</b> <b>DATE: July 24, 2023, July 26, 2023, and August 9, 2023</b>  M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Ogle County Sheriff – DCO Briefing	Ogle County Sheriff – TACP Interview	Mount Morris Police Dept. – DCO Briefing	Mount Morris Police Dept. – TACP Interview	Oregon Police Dept. – DCO Briefing	Oregon Police Dept. – TACP Interview	Byron Police Dept. – DCO Briefing	Byron Police Dept. – TACP Interview	Oregon CUSD #220 – EV- 2 Interview	Kings CSD #144 – EV-2 Interview
<b>Objective 1: Emergency Operations Management Capability Targets</b>										
1.1: Mobilization	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.2: Direction and Control	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	M	M
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Objective 2: Exposure Control Capability Targets</b>										
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	M	M	M	M	M	M	M	M	M	M
<b>Objective 3: Alert and Notification Capability Targets</b>										
3.1: Communications	M	M	M	M	M	M	M	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	M	NA	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets</b>										
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Objective 5: Operate Capability Targets</b>										
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	M	NA	M	NA	M	NA	NA

**Table 3.1.6 Summary of Exercise Evaluation - Ogle County Out-of-Sequence Activity**

<b>SITE: Byron Generating Station</b> <b>DATE: July 25, 2023</b>  M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Ogle County - RRRR
<b>Objective 1: Emergency Operations Management Capability Targets</b>	
1.1: Mobilization	NA
1.2: Direction and Control	NA
1.3: Protective Action Recommendations	NA
1.4: Protective Action Decisions Plume Phase	NA
1.5: Protective Action Decision Implementation Plume Phase	NA
1.6: Protective Action Decisions Post-Plume Phase	M
1.7: Protective Action Decision Implementation for the Post-Plume Phase	M
<b>Objective 2: Exposure Control Capability Targets</b>	
2.1: Emergency Worker Exposure Control Decision-Making Process	NA
2.2: Emergency Worker Exposure Control Management	NA
<b>Objective 3: Alert and Notification Capability Targets</b>	
3.1: Communications	NA
3.2: Alert and Notification of the Public	NA
3.3: Emergency Information and Instructions Public and News Media	NA
<b>Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets</b>	
4.1: Field Monitoring Teams Management	NA
4.2: Plume Phase Measurements and Sampling	NA
4.3: Post-Plume Phase Measurements and Sampling	NA
4.4: Laboratory Operations	NA
4.5: Plume Phase Analysis and Dose Assessment	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA
<b>Objective 5: Operate Capability Targets</b>	
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA
5.4: Traffic and Access Control	NA



## 3.2 Detailed Results of Exercise Evaluation

The Homeland Security Exercise and Evaluation Program methodology is an analytical process used to assess the demonstration of specific capabilities during an exercise. A capability provides a means to perform one or more capability targets under specified conditions and to specific performance standards. Core capabilities form the foundation of the DHS/FEMA Region 5 Radiological Emergency Preparedness Program evaluations. Each jurisdiction's standalone capability summaries are provided below.

### 3.2.1 State of Illinois In-Sequence

#### 3.2.1.1 Radiological Response Group – Command Post / Staging Area

**Capability Target:** 1.1 Mobilization

**Core Capabilities:** Operational Coordination; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 2.2 Emergency Worker Exposure Control Management

**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication

**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 4.1 Field Monitoring Teams Management

**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.1.2 Radiological Response Group – Field Team 1**

**Capability Target: 1.1 Mobilization**  
**Core Capabilities: Operational Coordination; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 2.2 Emergency Worker Exposure Control Management**  
**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communication**  
**Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 4.2 Plume Phase Measurements and Sampling**  
**Core Capabilities: Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.1.3 Radiological Response Group – Field Team 2**

**Capability Target: 1.1 Mobilization**  
**Core Capabilities: Operational Coordination; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 2.2 Emergency Worker Exposure Control Management**  
**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 4.2 Plume Phase Measurements and Sampling  
**Core Capabilities:** Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### 3.2.2 State of Illinois Out-of-Sequence

#### 3.2.2.1 Sauk Valley Community College – Reception Center

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 5.1 Monitoring, Decontamination, Sheltering, and Registration of Evacuees  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Mass Care; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.2.2 Sauk Valley Community College – Congregate Care Center**

**Capability Target: 1.2 Direction and Control**

**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communication**

**Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 5.1 Monitoring, Decontamination, Sheltering, and Registration of Evacuees**

**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Mass Care; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.2.3 Medical Services Drill – Morrison Community Hospital - Transport**

**Capability Target: 2.2 Emergency Worker Exposure Control Management**

**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 5.3 Transportation and Treatment of Contaminated, Injured Individuals**

**Core Capabilities: Environmental Response/Health and Safety; Public Health, Healthcare, Emergency Medical Services; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### **3.2.2.4 Medical Services Drill – Morrison Community Hospital – Facility**

**Capability Target: 2.2 Emergency Worker Exposure Control Management**

**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 5.3 Transportation and Treatment of Contaminated, Injured Individuals**

**Core Capabilities: Environmental Response/Health and Safety; Public Health, Healthcare, Emergency Medical Services; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### **3.2.2.5 State Unified Area Command Post**

**Capability Target: 1.1 Mobilization**

**Core Capabilities: Operational Coordination; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 1.2 Direction and Control**

**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, Emergency Medical Services; Situational Assessment; Critical Transportation; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communication**  
**Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.2.6 Illinois State Police Troop 1 – DCO Briefing**

**Capability Target: 2.2 Emergency Worker Exposure Control Management**  
**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communication**  
**Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.2.7 Illinois State Police Troop 1 – TACP Interview**

**Capability Target: 2.2 Emergency Worker Exposure Control Management**  
**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communication**  
**Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 5.4 Traffic and Access Control**

**Core Capabilities: Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.3 Winnebago County In-Sequence**

#### **3.2.3.1 Winnebago County Initial Warning Point**

**Capability Target: 1.1 Mobilization**

**Core Capabilities: Operational Coordination; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communications**

**Core Capabilities: Operational Coordination; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### **3.2.3.2 Emergency Operations Center**

**Capability Target: 1.1 Mobilization**

**Core Capabilities: Operational Coordination; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.



**Capability Target:** 1.2 Direction and Control  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.4 Protective Action Decision for Plume Phase  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Situation Assessment; Critical Transportation; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.5 Protective Action Decision Implementation for the Plume Phase  
**Core Capabilities:** Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 2.1 Emergency Worker Exposure Control Decision-Making Process  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communications  
**Core Capabilities:** Operational Communication; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 5.4 Traffic and Access Control  
**Core Capabilities:** Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection and Law Enforcement; Operational Coordination; Planning; Situational Assessment

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### 3.2.3.3 Winnebago County Sheriff - DCO Briefing

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### 3.2.3.4 Winnebago County Sheriff -TACP Interview

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 5.4 Traffic and Access Control  
**Core Capabilities:** Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### 3.2.4 Ogle County In-Sequence

#### 3.2.4.1 Ogle County Initial Warning Point

**Capability Target:** 1.1 Mobilization  
**Core Capabilities:** Operational Coordination; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communications  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### 3.2.4.2 Ogle County Emergency Operations Center

**Capability Target:** 1.1 Mobilization  
**Core Capabilities:** Operational Coordination; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.2 Direction and Control  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.4 Protective Action Decisions for the Plume Phase  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.5 Protective Action Decisions Implementation for the Plume Phase  
**Core Capabilities:** Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 2.1 Emergency Worker Exposure Control Decision-Making Process  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement

**Capability Target: 3.1 Communication**  
**Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.2 Alert and Notification of the Public**  
**Core Capabilities: Public Information and Warning; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement

**Capability Target: 3.3 Emergency Information and Instructions for the Public and News Media**  
**Core Capabilities: Public Information and Warning; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement

**Capability Target: 5.4 Traffic and Access Control**  
**Core Capabilities: Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.4.3 Ogle County Incident Command Post / Staging Area**

**Capability Target: 1.1 Mobilization**  
**Core Capabilities: Operational Coordination; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.2 Direction and Control  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.4 Protective Action Decisions for the Plume Phase  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 2.1 Emergency Worker Exposure Control Decision-Making Process  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.3 Emergency Information and Instructions for the Public and News Media  
**Core Capabilities:** Public Information and Warning; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement

**Capability Target:** 5.4 Traffic and Access Control  
**Core Capabilities:** Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### 3.2.4.4 WHRL/WYOT Radio Station

**Capability Target:** 3.2 Alert and Notification of the Public  
**Core Capabilities:** Public Information and Warning; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### 3.2.5 Ogle County Out-of-Sequence

#### 3.2.5.1 Ogle County Sheriff - DCO Briefing

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.5.2 Ogle County Sheriff -TACP Interview**

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 5.4 Traffic and Access Control  
**Core Capabilities:** Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.5.3 Re-entry, Relocation, Re-entry, Reoccupancy (RRRR)**

**Capability Target:** 1.6 Protective Action Decision for the Post-Plume Phase  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 1.7 Protective Action Decision Implementation for the Post-Plume Phase  
**Core Capabilities:** Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing Natural and Cultural Resources; Planning



In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### **3.2.5.4 Mount Morris Police Department - DCO Briefing**

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### **3.2.5.6 Mount Morris Police Department -TACP Interview**

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 5.4 Traffic and Access Control  
**Core Capabilities:** Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection,

**and Law Enforcement; Operational Coordination; Planning; Situational Assessment**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**3.2.5.6 Oregon Police Department - DCO Briefing**

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**3.2.5.7 Oregon Police Department -TACP Interview**

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 5.4 Traffic and Access Control  
**Core Capabilities:** Critical Transportation; Access Control/Identity Verification;  
Environmental Response/Health and Safety; On-Scene Security, Protection,  
and Law Enforcement; Operational Coordination; Planning; Situational  
Assessment

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### **3.2.5.8 Byron Police Department - DCO Briefing**

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety;  
Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational  
Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

#### **3.2.5.9 Byron Police Department -TACP Interview**

**Capability Target:** 2.2 Emergency Worker Exposure Control Management  
**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety;  
Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target:** 3.1 Communication  
**Core Capabilities:** Operational Communications; Operational Coordination; Situational  
Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 5.4 Traffic and Access Control**  
**Core Capabilities: Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.5.10 Oregon Community Unit School District #220 - Interview**

**Capability Target: 1.5 Protective Action Decision Implementation for the Plume Phase**  
**Core Capabilities: Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 2.2 Emergency Worker Exposure Control Management**  
**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communication**  
**Core Capabilities: Operational Communication; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

### **3.2.5.11 Kings Consolidated School District #144 - Interview**

**Capability Target: 1.5 Protective Action Decision Implementation for the Plume Phase**

**Core Capabilities: Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 2.2 Emergency Worker Exposure Control Management**

**Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

**Capability Target: 3.1 Communication**

**Core Capabilities: Operational Communication; Operational Coordination; Situational Awareness; Planning**

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:

MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

## Section 4: Conclusion

The U.S. Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) assesses offsite response organization preparedness on an ongoing basis which meets the intent of the 44 CFR § 350 planning standards and, through the assessment of selected core capabilities, the National Preparedness Goal. This report is used to document biennial demonstration-based assessment activities.

The analysis of capabilities in Section 3 described the State of Illinois, Ogle County, and Winnebago County Emergency Planning Zones offsite response capabilities. Overall, the exercise was a success. The demonstration-based assessment activities evaluated by core capabilities, objectives, and capability targets were successfully demonstrated. All offsite response organizations demonstrated knowledge of their emergency response plans and procedures, and successfully demonstrated the ability to protect the health and safety of the public in the event of an incident involving the Byron Generating Station.

Based on the results of this exercise, and the DHS/FEMA review of the 2022 Annual Letter of Certification submitted by the State of Illinois, the offsite radiological emergency response plans and preparedness of the State of Illinois and Ogle and Winnebago Counties can be implemented. They are adequate to provide reasonable assurance that appropriate measures can be taken offsite to protect the health and safety of the public in the event of an emergency at the site. The Title 44 CFR § Part 350 approval of the offsite radiological emergency response plans and preparedness site-specific to the Byron Generating Station granted on September 12, 1984, will remain in effect.

The Federal Emergency Management Agency wishes to acknowledge the efforts of the many individuals who participated and made this exercise a success.

## **Section 5: Improvement Plan**

This section summarizes the results from the of the evaluation of all jurisdictions and functional entities that participated in the July 25, 2023, Byron Generating Station Partial Participation, Plume Exposure Pathway, Hostile Action-Based, Re-entry, Return, Relocation, Reoccupancy, Radiological Emergency Preparedness Exercise to test the offsite emergency response capabilities of the State and local governments in the 10-mile Emergency Planning Zone surrounding the Byron Generating Station, recommended corrective actions, and, a schedule of corrective actions for the identified primary responsible agency.

The U. S. Department of Homeland Security/Federal Emergency Management Agency evaluation team identified no Level 1 or Level 2 Findings and no Plan Issues for the State of Illinois, Ogle County, or Winnebago County during the 2023 Byron Generating Station Exercise.

## Appendix A: Exercise Timeline (All Times CDT)

Emergency Classification Level or Event	Time Utility Declared	REAC	SEOC	Ogle County	Winnebago County	ICP
Unusual Event (end of verification call for ECLs)	NA	NA	NA	NA	NA	NA
Alert	0814	NA	NA	0822	0824	0829
Site Area Emergency	0829	NA	NA	0910	0914	0853
General Emergency	1021	NA	NA	1026	1056	1028
Release of Radioactive Material Started <sup>2</sup>	1021	NA	NA	1055	1057	1056
Release of Radioactive Material Terminated	NA	NA	NA	NA	NA	NA
Facility Declared Operational		NA	NA	0913	0901	0859
Declaration of State/Local Emergency		NA	NA	NA	NA	NA
Exercise Termination		NA	NA	1255	1259	1230
Early Precautionary Action Decision: <The State issued an order to evacuate state parks and hunting areas.>		NA	NA	NA	NA	NA
Early Precautionary Action Decision: <The State (County) issued a Livestock Advisory: All livestock are to be sheltered and placed on stored feed and water within the 10-mile EPZ.>		NA	NA	NA	NA	NA
Early Precautionary Action Decision: <The state issued Air, water and rail traffic restrictions within 5/10 miles of Byron Generating Station.>		NA	NA	NA	NA	NA
Early Precautionary Action Decision: <Evacuate Schools and/or Special Populations.>		NA	NA	NA	NA	NA
General Information Message: <Public advised of incident at Byron Generating Station >		NA	NA	NA	NA	NA
Siren Activation:		NA	NA	NA	NA	NA
EAS Message:		NA	NA	NA	NA	NA
Protective Action Recommendation Evacuation of Sub-Areas:		NA	NA	1101	1115	1101
Protective Action Decision:		NA	NA	1140	1140	NA
Siren Activation:		NA	NA	1216	1216	NA
EAS Message:		NA	NA	1218	1218	NA
Protective Action Recommendation Evacuation of Sub-Areas:						
Protective Action Decision:						
Siren Activation:						
EAS Message:						
KI Administration Emergency Workers and Immobile Populations Decision (SEOC/REAC)/Implementation (UAC/Counties)		NA	NA	1134	1136	NA

Table 1 – Exercise Timeline Table  
**DATE AND SITE:** July 25, 2023– Byron Generating Station Plume REPEX



## Appendix B: Participating Organizations

### State of Illinois

Illinois Emergency Management Agency, Office of Homeland Security  
Illinois State Police Troop 1  
Illinois Department of Transportation  
Illinois National Guard Civil Support Team

### Ogle County

Ogle County Emergency Management Agency  
Ogle County Sheriff's Office  
Ogle County Board Chair  
Ogle County Community Organizations Active in Disasters  
Ogle County Consolidated Dispatch Center  
Ogle County Dosimetry Control Officer  
Ogle County Health Department  
Ogle County Highway Department  
Ogle County Information Technology  
Ogle County Regional Office of Education  
Byron Police Department  
Byron Fire Department  
Oregon Police Department  
Mount Morris Police Department  
Oregon Community Unit School District #220  
Kings Consolidated School District #144  
WHRL/WYOT Radio Station

### Winnebago County

Winnebago County Emergency Services and Disaster Agency  
Winnebago County Sheriff's Office  
Winnebago County 911  
Winnebago County Board Chairman  
Winnebago County Health Department  
Winnebago County Regional Office of Education  
Rockford Police Department  
Rockford Fire Department

### Private Organizations

Constellation  
American Red Cross  
Sauk Valley Community College  
Morrison Community Hospital

## Appendix C: Evaluation Team

Exercise Management	Name	Agency/ Organization
Chair, Regional Assistance Committee	Sean O’Leary	DHS/FEMA
Exercise Director	Stephen Tulley	DHS/FEMA
Assistant Exercise Director	Edward Golinski	DHS/FEMA
Assistant Exercise Director	Carl Bebrich	DHS/FEMA
Illinois Site Specialist	David Persaud	DHS/FEMA
Team Leader-State of Illinois	David Persaud	DHS/FEMA
Team Leader-Ogle County	Angela Cloutier	DHS/FEMA
Team Leader-Winnebago County	Curtis Williams	DHS/FEMA
Contractor Evaluator Support-Regional Coordinator	John Wills	Contractor
Contractor Scenario Technical Reviewer	John Wills	Contractor

Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
<b>State of Illinois</b>		
Reception Center/Congregate Care Center – Sauk Valley College	Curtis Williams	DHS/FEMA
Medical Services Drill Morrison Hospital – Transportation	Angela Cloutier	DHS/FEMA
Medical Services Drill Morrison Hospital – Facility	David Persaud	DHS/FEMA
Unified Area Command Post	Todd Gemske	DHS/FEMA
Unified Area Command Post NIMS	Darren Bates	DHS/FEMA
Illinois State Police Troop 1 DCO Briefing	Bob Princic	Contractor
Illinois State Police Troop 1 TACP Interview	Gary Bolender	Contractor
RRG Field Team Staging Area/Command Post	John Wills	Contractor
RRG Field Team 1	Narvaez Stinson	DHS/FEMA
RRG Field Team 2	Janise Stoliarova	DHS/FEMA
<b>Ogle County</b>		
Ogle County-Initial Warning Point	Lynn Steffensen	Contractor
Ogle County-EOC	Steve Watts	Contractor
Ogle County-EOC	Bruce Swiren	Contractor
Ogle County-EOC	Debra Schneck	DHS/FEMA
Ogle County Sheriff’s Office DCO Briefing	Chris Bellone	DHS/FEMA
Ogle County Sheriff’s Office TACP Interview	Tony Adduci	DHS/FEMA
WRHL/WYOT Radio Station	Gary Bolender	Contractor
Ogle County Sheriff’s Office ICP	Brett Beardsley	DHS/FEMA
Ogle County Sheriff’s Office ICP	Darren Bates	DHS/FEMA
Ogle County Sheriff’s Office ICP	Todd Trygier	DHS/FEMA
Ogle County-EOC-RRRR	Brett Beardsley	DHS/FEMA
Oregon Community Unit School District #220	David Persaud	DHS/FEMA

<b>Evaluated Offsite Response Organizations/Locations</b>	<b>Evaluator</b>	<b>Agency/ Organization</b>
<b>Ogle County (continued)</b>		
Kings Consolidated School District #104	David Persaud	DHS/FEMA
Mount Morris Police Department DCO Briefing	Kevin Reed	Contractor
Mount Morris Police Department TACP Interview	Tom Gahan	Contractor
Oregon Police Department DCO Briefing	Kevin Reed	Contractor
Oregon Police Department TACP Interview	Tom Gahan	Contractor
Byron Police Department DCO Briefing	Lynn Steffensen	Contractor
Byron Police Department TACP Interview	Bob Princic	Contractor
<b>Winnebago County</b>		
Winnebago County-Initial Warning Point	Todd Lawson	DHS/FEMA
Winnebago County-EOC	Marynette Herndon	Contractor
Winnebago County-EOC	Danielle Coatzee	DHS/FEMA
Winnebago County	Todd Lawson	DHS/FEMA
Winnebago County Sheriff's Office DCO Briefing	Danielle Coatzee	DHS/FEMA
Winnebago County Sheriff's Office TACP Interview	Todd Lawson	DHS/FEMA

## Appendix D: Acronyms and Abbreviations

ACRONYM	DESCRIPTION
10-mile, 50 mile <i>[for EPZ]</i>	10-mile EPZ, 50-mile EPZ
30 minute <i>[time interval]</i>	30-minute
air flow	airflow
Background, bkg.	background
calldown, call down	call-down Referring to list(s), process(es), etc.
CD V instrument formatting	CD V-715
cell phones	cellular phones
center line	centerline
Central Daylight Time	CDT
chain of custody form[s]	chain-of-custody form[s] (use hyphens)
congregate care	Official term in Illinois is Congregate Care Center.
controller	Controller
county, counties, state	County, Counties, State (Capitalize the words State and County no matter where they are used in the narrative).
data base	database
decon, Decon	decontaminate Decontamination [facility] Unless quoted from a specific reference document.
deconning (deconing) people deconning (deconing) vehicles	decontamination <i>[of people or vehicles]</i>
direct reading dosimeter (DRD) direct-reading-dosimeter (DRD) Direct Reading Dosimeters (DRD) or reference to Self-Reading Dosimeters	Direct-Reading Dosimeter (DRD)  Direct-Reading Dosimeters (DRDs)
DRD levels formatting	(0-200 mR) or (0-20 R)
drill or exercise	drill or exercise - Use as appropriate: drill [for MS-1 Drills]; exercise [for plume, hostile action based or ingestion pathway]
EAS message number 3 EAS message No. 3 EAS message (No. 3)	EAS Message No. 3
evac, evacs, Evac, Evacs	evacuate or evacuee(s)
evaluator	Evaluator
extent of play agreement	extent-of-play agreement
facsimile, fax, telefax	facsimile
IL	Illinois
iosat, IOSAT	iOSAT
land line	landline (one word)

## UNCLASSIFIED

ACRONYM	DESCRIPTION
Byron Generating Station	Byron Generating Station
manning	staffing
millirem/hr. mr/hr, rem/hr, r/hr	mR/hr, R/hr
Nars	NARS
numbers	for nine or less, write out the number (e.g., one, nine); for greater than nine, use digits, (e.g., 23). Write out the number if at beginning of a sentence.
On-site, Off-site	onsite, offsite (one word)
out of sequence	out-of-sequence (use hyphens)
predeployment	pre-deployment (use hyphen)
prepositioned, perpositing	pre-positioned, pre-positioning (use hyphen)
prescribed	pre-scripted (use hyphen)
Protective action guidelines	Protective Action Guidelines (PAGs)
Reception Center, Registration Center.	Official term in Illinois is Reception Center. Note: The upper-case form of Reception Center” is used only when a named center is identified - e.g., “Illinois Valley Community College Reception Center.”
release, release of radiation	release of radioactive material
re-demonstrated, redemonstration	redemonstrated, redemonstration
representative(s)	Representative(s) (e.g., Sheriff’s Representative)
STARCOM21, Starcom21, starcom	StarCom 21
State EOC	SEOC
Special News Bulletin, News Release	Media Release
Staging Area	Capitalize the first letter if referring to a specific location, e.g., Staging Area
... staff were [notified, etc.]	... staff was [notified, etc.] Note: staff is a singular noun no matter how many persons constitute the staff.
Subarea	Sub-Area (use hyphen and upper case)
superintendent	Superintendent
Traffic and Access Control Point	Traffic and Access Control Post (TAC Post)
Turnback, Turn back, Turn-back	turn-back (use hyphen)
tyvek suits	Tyvek suits
wheelchair	wheelchair wheelchair lift-capable [bus(es), van(s), etc.] wheelchair-bound [persons]

## UNCLASSIFIED

ACRONYM	ACRONYM SPECIFIC TO ILLINOIS
AC	Alternating Current
AKA	Also Known As
AM	Amplitude Modulation
ANS	Alert & Notification System
ARC	American Red Cross
ARTCO	American River Transportation Company
BNSF	Burlington Northern Santa Fe
CAD	Computer Aided Dispatch
CMAS	Commercial Mobile Alert System
CMS	Central Management Services
COAD	Community Organizations Active in Disasters
CVEO	Commercial Vehicle Enforcement Officer
DCEO	Department of Commerce and Economic Opportunity
DCO	Dosimetry Control Officer
DHS	Department of Homeland Security
DLR	Dosimeter of Legal Record
DNS	Department of Nuclear Safety
DOH	Division of Highways
DRD	Direct Reading Dosimeter
EAL	Emergency Action Level
EAS	Emergency Alert System
EHTR	acronym used by IDOT in the plan, but couldn't find the meaning
EM	Emergency Management
EMA	Emergency Management Agency
EMAC	Emergency Management Assistance Compact
EMNET	brand name of proprietary equipment
EMS	Emergency Management System
EOC	Emergency Operations Center
EOD	Explosive Ordnance Disposal
EOF	Emergency Operations Facility
EONS	Electronic Offsite Notification System
EOP	Emergency Operations Plan
EP	Emergency Preparedness
EPIP	Emergency Plan Implementing Procedure
EPZ	Emergency Planning Zone
ESDA	Emergency Service Disaster Agency
ESMARN	Emergency Services Mutual Aid Radio Network
ETA	Estimated Time of Arrival
FEMA	Federal Emergency Management Agency
FM	Frequency Modulation
GE	General Emergency
GIS	Geographic Information System

## UNCLASSIFIED

HAB	Hostile Action Based
HVAC	Heating Ventilation and Air Conditioning
IAP	Incident Action Plan
IC	Incident Commander
ICC	Illinois Commerce Commission
ICP	Incident Command Post
ICS	Incident Command System
IDNR	Illinois Department of Natural Resources
IDOA	Illinois Department of Agriculture
IDOC	Illinois Department of Corrections
IDOT	Illinois Department of Transportation
IDPH	Illinois Department of Public Health
IEMA	Illinois Emergency Management Agency
IEPA	Illinois Environmental Protection Agency
IESMA	Illinois Emergency Services Management Association
ILCS	Illinois Compiled Statutes
ILEAS	Illinois Law Enforcement Alarm System
ILNG	Illinois National Guard
ING	Illinois National Guard
IPAWS	Integrated Public Alert & Warning System
IPRA	Illinois Plan for Radiological Accidents
IREACH	Illinois Radio Emergency Assistance Channel
ISP	Illinois State Police
ISPERN	Illinois State Police Emergency Radio Network
IT	Information Technology
ITECS	Illinois Transportable Emergency Communications System
ITTF	Illinois Terrorism Task Force
JIC	Joint Information Center
KI	Potassium Iodide
LEADS	Law Enforcement Agencies Data System
LLC	Limited Liability Corporation
LLE	Local Law Enforcement
LNO	Liaison Officer
LOA	Letter of Agreement
MABAS	Mutual Aid Box Alarm System
MERCI	Medical Emergency Communication of Illinois
MFF	Mobile Field Force
MHz	Megahertz, MHZ
MOU	Memorandum of Understanding
NARS	Nuclear Accident Reporting System
NIMS	National Incident Management System
NWS	National Weather Service
OIC	Officer-in-Charge

UNCLASSIFIED

OLE	Office of Law Enforcement
ORO	Offsite Response Organization
OSFM	Office of State Fire Marshal
PAR	Protection Action Recommendation
PIO	Public Information Officer
PSAP	Public Safety Answering Point, the plan has service vice safety
RACES	Radio Amateur Civil Emergency Service
REAC	Radiological Emergency Assessment Center
REM	Radiation Equivalent Man
REP	Radiological Emergency Preparedness
ROE	Regional Office of Education
RRG	Radiological Response Group
SAE	Site Area Emergency
SCC	Springfield Communication Center
SEOC	State Emergency Operations Center
SOP	Standard Operating Procedure
SRT	Special Response Team
STIC	Statewide Terrorism Intelligence Center
SWAT	Special Weapons and Tactics
SWMDT	Statewide Weapons of Mass Destruction Team
TAC	Traffic and Access Control
TICP	Tactical Interoperable Communications Plan
UAC	Unified Area Command
UCP	Unified Command Post
UE	Unusual Event
UHF	Ultra-High Frequency
USEPA	United States Environmental Protection Agency
VHF	Very High Frequency
VOAD	Voluntary Organizations Active in Disasters



## Appendix E: Onsite/Offsite Scenario Timeline

### Initial Plant Conditions:

Unit 1 is at full power (1252 MWe), online for 1 day following a refueling outage.

Unit 2 is at full power (1232 Mwe), online for 321 days.

Unit 0 – The Fuel Handling Building (FHB) fire protection and Auxiliary (Aux) Building elevation 426 fire protection header is out-of-service due to a leak. The FLEX pump staged for the refueling outage is being demobilized. Both trains of Spent Fuel Pool Cooling is running. The Spent Fuel Pool time to reach 200 degrees is 4 hours if cooling is interrupted.

### SCENARIO TIMELINE

2023 Byron HAB

Scenario Time	Clock Time	Major Events	CM/MS
-60	0700	EP Staff Notifications for Drill Initiation	CM: 1.1
-30	0730	Facility clocks check over controller network.	
0	0800	<b>Scenario Start</b> - Crew is in Role  <b>Wind Direction:</b> from 180 degrees <b>Wind Speed:</b> 7.0 mph <b>Stability Class:</b> C <b>Precipitation:</b> None	CM: 3.1

7	0807	<p><b>NRC Aircraft Probable Threat Notification (&lt;30 min)</b></p> <ul style="list-style-type: none"> <li>▪ <b>(CM: 4.1)</b> will be delivered to US/SM – Call from NRC reporting Aircraft Threat &lt;30 minutes from site.</li> <li>▪ <b>T=0 for ALERT (HA1)</b></li> </ul> <p><b>Expected Actions:</b></p> <ul style="list-style-type: none"> <li>▪ Shift Emergency Director will review Emergency Plan.</li> <li>▪ Ops Crew will respond in accordance with 0BOA-SECURITY-1 and Ops Policy 600-04.</li> <li>▪ Shift Emergency Director will declare ALERT <b>(HA1)</b> HOSTILE ACTION within the OWNER CONTROLLED AREA or airborne attack threat.</li> <li>▪ All appropriate notification will be made. (Everbridge activation, PA announcements, EONS, NRC ENS notification)</li> <li>▪ All personnel will be directed to take cover outside the power block.</li> <li>▪ ERO will be activated – Everbridge activation message <b>(CM: 4.2)</b> – Company Holiday ERO is offsite and sent to ALT Facility.</li> <li>▪ <b>(CM: 4.3)</b> Everbridge Call Back Message.</li> </ul>	<p>CM: 4.1 CM: 4.2 CM: 4.3 CM: 4.4</p>
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## Timeline

2023 Byron HAB

24	0824	<p><b>NRC Aircraft Imminent Threat Notification (&lt;5 min)</b></p> <ul style="list-style-type: none"> <li>▪ <b>(CM: 5.1)</b> will be delivered to US/SM – Call from NRC - Aircraft on path to Byron – less than 5 min out.</li> </ul> <p><b>Expected Actions:</b></p> <ul style="list-style-type: none"> <li>▪ Ops Crew will take actions to trip U1 in accordance with 0BOA SECURITY-1 and enter 1BEP-0.</li> </ul>	CM: 5.1
29	0829	<p><b>Plane Crash and Hostile Adversaries reported within the PROTECTED AREA</b></p> <ul style="list-style-type: none"> <li>▪ <b>(CM: 6.1)</b> will be delivered CAS/SAS/SSS – BRE 5 reports a plane has crashed on the West side of the plant by the Fuel Handling Building. Thirteen (13) adversaries have exited the plane and are engaging Post 14. Post 14 is wounded but actively engaging behind the security vehicle.</li> <li>▪ <b>[13 adversaries in PA]</b></li> <li>▪ <b>T=0 for Site Area Emergency (HS1)</b></li> </ul> <p><b>Expected Actions:</b></p> <ul style="list-style-type: none"> <li>▪ Ops Crew will respond in accordance with 0BOA-SECURITY-1 and Ops Policy 600-04.</li> <li>▪ Shift Emergency Director will review Emergency Plan and declare <b>SITE AREA EMERGENCY HS1 - HOSTILE ACTION within the PROTECTED AREA.</b></li> <li>▪ All appropriate notification will be made. (PA announcements, EONS, NRC ENS notification)</li> <li>▪ Any attempts to dispatch local operators will be met with NO Response (personnel terminated)</li> <li>▪ Site Assembly will NOT be performed due to take cover condition.</li> </ul>	<p>CM: 6.1 CM: 6.2</p>

35	0835	<b>Security Update 1:</b> <b>(CM: 7.1)</b> will be delivered to CAS/SAS/SSS - BRE 5 reports, nine (9) adversaries have advanced to the Fuel Handling Building and explosions on Door 127, five (5) adversaries entered the Fuel Handling Trackway, four (4) adversaries were neutralized in route to the breach. Four (4) adversaries are moving south around U1 CAF and headed East toward towards the power block. <b>[9 adversaries remain in PA]</b>	CM: 7.1
43	0843	<b>Security Update 2:</b> <b>(CM: 8.1)</b> will be delivered to CAS/SAS/SSS – Post 17 reports, Explosion on Door 128, five (5) adversaries entered the Fuel Handling Building. Two (2) adversaries were neutralized on the 411 mezzanine. Three (3) adversaries are advancing toward the Spent Fuel Pool. <b>[7 adversaries remain in PA]</b>	CM: 8.1
47	0847	<b>Security Update 3:</b> <b>(CM: 9.1)</b> will be delivered to CAS/SAS/SSS – Post 16 reports, four (4) adversaries engaged by U1 SATs; two (2) adversaries were neutralized. Adversaries are carrying backpacks. <b>[5 adversaries remain in PA]</b>	CM: 9.1

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Timeline

2023 Byron HAB

52	0852	<b>RADIOLOGICAL RELEASE From Spent Fuel Pool Security Update 4 and Equipment Failure 1:</b> <p>(CM: 10.1) will be delivered to CAS/SAS/SSS – Post 17 reports, one adversary neutralized, two (2) adversaries reached the Spent Fuel Pool, explosions in the Spent Fuel Pool. Water leaking northwest corner of Spent Fuel Pool on 401. There are bubbles coming from the fuel in the Spent Fuel Pool.</p> <p><b>[4 adversaries remain in PA]</b></p> <p><b>[T=0 for Release]</b></p> <ul style="list-style-type: none"> <li>▪ FHB Area Fire Alarms</li> <li>▪ FHB Area rad monitor (AR 55/56) readings rising.</li> <li>▪ SFP level decreasing (alarm in MCR and level indication)</li> <li>▪ Concurrent RU2 when SFP lowers &lt; 23 ft.</li> <li>▪ MCB annunciator SPENT FUEL PIT LEVEL HIGH LOW (1-1-C1) – Alarm (Alarms at 24' Above Racks)</li> <li>▪ Explosions have caused failure of Spent Fuel Pool Cooling Systems (U1 &amp; U2)</li> <li>▪ MCB annunciators SPENT FUEL PIT PUMP TRIP (1-1-A1) and (2-1-A1) – BOTH Alarms received.</li> <li>▪ The spent fuel pool contains offloaded reactor fuel that was last irradiated 14 days ago.</li> <li>▪ <b>A gaseous release is in progress due to Spent Fuel damaged by the explosion.</b></li> <li>▪ <b>Release Path: K (Spent Fuel &gt; Under Water &gt; Fuel Handling Building &gt; Environment)</b></li> </ul> <p><b>Expected Actions:</b></p> <ul style="list-style-type: none"> <li>▪ Ops Crew will respond in accordance with appropriate alarm response procedures (BARs).</li> <li>▪ Ops Crew will respond in accordance with 1BOA REFUEL-2 and 0BOA REFUEL-3.</li> <li>▪ EOF will identify the change in the radioactive release status and make appropriate state and local notifications.</li> </ul>	CM: 10.1 CM: 10.2 CM: 10.3 CM: 10.4
61	0901	<b>Security Update 5:</b> <p>(CM: 11.1) will be delivered to CAS/SAS/SSS – Post 17 reports, one (1) adversary entered the Spent Fuel Pool and detonated explosives and was neutralized. One (1) adversary neutralized outside of the Spent Fuel Pool. All adversaries in the Fuel Handling Building neutralized. Water continues to leak from the Spent fuel Pool and bubbles are still coming from the fuel.</p> <p><b>[2 adversaries remain in PA]</b></p>	CM: 11.1

Timeline

2023 Byron HAB

69	0909	<b>Security Update 6 and Equipment Failure 2:</b> <b>(CM: 12.1)</b> will be delivered to CAS/SAS/SSS – BRE 9 reports, Explosions at U-1 SATs. <b>[2 adversaries remain in PA]</b> <ul style="list-style-type: none"> <li>▪ MCB annunciator LOSS OF OFFSITE POWER (1-20-A1) – Alarm</li> <li>▪ MCB annunciator SAT 142-1 LOCKOUT RELAY TRIP (1-20-A3) – Alarm</li> <li>▪ MCB annunciator SAT 142-2 LOCKOUT RELAY TRIP (1-20-A4) – Alarm</li> <li>▪ Concurrent MU1</li> </ul> <b>Expected Actions:</b> <ul style="list-style-type: none"> <li>▪ Ops Crew will respond in accordance with 1BOA ELEC-4.</li> </ul>	CM: 12.1
75	0915	<b>Security Update 7 and Equipment Failure 3:</b> <b>(CM: 13.1)</b> will be delivered to CAS/SAS – Post 16 reports two (2) adversaries entered the U1 power block. Post 20 reports explosion on Door 165 at the 1B Diesel Generator Room Entrance. <b>[2 adversaries remain in PA]</b> <ul style="list-style-type: none"> <li>▪ MCB annunciator BUS 142 DG 1B FD BRKR 1423 TRIP (1-22-A9) – Alarm</li> <li>▪ MCB annunciator DG 1B TROUBLE/FAIL TO START (1-22-C8) – Alarm</li> <li>▪ MCB annunciator BUS 142 OVERLOAD OR VOLT LOW (1-22-C7) – Alarm</li> </ul> <b>Expected Actions:</b> <ul style="list-style-type: none"> <li>▪ Ops Crew will respond in accordance with 1BOA ELEC-3.</li> <li>▪ Ops Crew will respond in accordance with appropriate alarm response procedures (BARs).</li> </ul>	CM: 13.1
80	0920	<b>Security Update 8:</b> <b>(CM: 14.1)</b> will be delivered to CAS/SAS – Post 16 reports one (1) adversary neutralized outside of 1B Diesel Generator Room. <b>[1 adversary remains in PA]</b>	
85	0925	<b>Security Update 9:</b> <b>(CM: 15.1)</b> will be delivered to CAS/SAS – Security (Post 16) reports that an adversary has been isolated in the 1B Diesel Generator Room and area is quarantined. <b>[1 adversary remains in PA - isolated in the 1B Diesel Generator Room.]</b>	
112	0952	Concurrent Alert RA2 when SFP lowers < 10.5 ft. or AR 55/56 > 1000mR/hr	

## Timeline

2023 Byron HAB

135	1015	<b>Spent Fuel Pool level &lt;1.00 ft. as indicated on 0LI-FC001B</b> <ul style="list-style-type: none"> <li>▪ <b>RG2 60-Minute Time Clock Starts</b> (Concurrent Site Area Emergency RS2)</li> <li>▪ Once it is determined that Spent Fuel Pool level will not be able to be restored within 60 minutes, the Shift Emergency Director will</li> </ul>	CM: 17.1 CM: 17.2 CM: 17.3
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declare **GENERAL EMERGENCY (RG2) Spent fuel pool level cannot be restored to at least 1.00 ft. as indicated on 0LI-FC001B(2B) for 60 minutes or longer.**

- Ops Crew will continue to respond in accordance with applicable procedures.
- Spent Fuel Pool Level will stabilize at approximately 0.5' above fuel racks due to location of the failure in the Spent fuel Pool.
- Evaporation will continue to affect SFP level and temperature until the Operations Crew and ERO are able to implement EDMG-4 or SAG-10.

**Expected Actions:**

- Shift Emergency Director will declare **GENERAL EMERGENCY (RG2) Spent fuel pool level cannot be restored to at least 1.00 ft. as indicated on 0LI-FC001B(2B) for 60 minutes or longer.**
- Ops Crew and ERO continue to respond in accordance with applicable procedures and implement EDMG-4 or SAG-10. All other attempted methods to makeup to the Spent Fuel Pool will be unsuccessful.
- Corporate Emergency Director determine PAR.
- **PAR: Shelter (5-mile radius) Subareas: 17, 19, 20, 23, 25.**
- **Release Path: K (Spent Fuel > Under Water > Fuel Handling Building > Environment)**

**PAR:** HAB - Shelter

Shelter Illinois Sub-Areas: 17, 19, 20, 23, 25

**AND**

Advise The Remainder Of The 10 Mile Epz To Monitor And Prepare

**AND**

For Illinois Only, Consider JIC Advisory With Potassium Iodide (Ki)  
Statement In Accordance With State Procedures

<b>SHELTER per Table 2 (below)</b>			
<b>Table 2 (5 mile radius)</b>			
<b>WD From</b>			<b>Sub Areas</b>
<b>0°</b>	<b>to</b>	<b>359°</b>	<b>17, 19, 20, 23, 25</b>

180	1100	<b>Constellation Evaluation Ends*</b> In progress evaluations are expected to be completed.	
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Timeline

180	1100	<p><b>Off-Site Organizations participation continues.</b></p> <p><b>SFP Level lowers below the Top of Spent Fuel - Radiological Release Exceeds PAG</b></p> <ul style="list-style-type: none"> <li>▪ EOF Controller delivers the below information to EOF/IMEA participant.</li> <li>▪ SFP level indicators are off-scale low.</li> <li>▪ Spent fuel in the SFP is expected to be "Partially Covered" with water.</li> <li>▪ This Control Message is intended to drive off-site participation/evaluation.</li> <li>▪ Dose assessments will transition release path from "Under Water" to "Partially Covered" to reflect SFP level below the top of spent fuel.</li> <li>▪ Dose assessments will indicate the radiological release exceeds PAG.</li> <li>▪ EOF/CED participants will be requested to prepare and transmit a NARS notification for the change in PAR.</li> </ul>
190	1110	<p><b>Radiological Release Exceeds PAG</b></p> <p><b>PAR: Evacuate (2-mile radius) Sub-Areas: 19, 23</b>          (Spent Fuel Status: <u>Partially Covered</u> with 33.00% Fuel Damage)          Release Path: K (SF&gt;Partially Covered&gt;Fuel Bldg&gt;ENV)          Wind Direction: from 180 degrees          Wind Speed: 7 mph          Stability Class: C          Precipitation: None</p>
240	1200	<p><b>SFP Level Restored &gt; TOP OF SPENT FUEL</b>          Control Message delivered to EOF IEMA participant.</p> <p>Operator actions have raised SFP level to &gt; 1.0 ft. Irradiated fuel in the SFP is expected to remain covered with water.</p> <p>The actual time TBD by IEMA.</p>
270	1230	<p><b>Offsite Exercise Termination</b>          Termination time TBD by IEMA.</p>

## Appendix F: Extent-of-Play Agreement

*(As Updated 6/27/2023)*



## Nuclear Power Plant Exercise

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Byron Generating Station

Radiological Emergency Preparedness (REP) Program

Extent-of-Play Agreement for State of Illinois, Ogle County and Winnebago County

Exercise Date: July 25<sup>th</sup>, 2023



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## Section 1: Exercise Overview

### Overarching Purpose

The purpose of this extent of play agreement (EOP) identifies the conditions that will be used to conduct, control and evaluate the 2023 Byron Generating Station Evaluated Exercise, as agreed to by the offsite response organizations and Federal Emergency Management Agency (FEMA) Region 5, Radiological Assistance Committee (RAC) Chair.

The extent-of-play agreement is negotiated during the exercise planning process and documents deviations from activities as described in plans and procedures for exercise demonstration purposes. The extent-of-play agreement identifies the capability targets that will be evaluated during the exercise, including any exceptions, as well as the entities responsible for demonstrating the capability targets.

### Scope

The exercise has both In-Sequence and Out-of-Sequence demonstration activities. This exercise marks the start of the eight-year exercise cycle for Ogle and Winnebago counties, the eight-year cycle for the State of Illinois began in 2021.

**In-Sequence** activities will occur during the morning and potentially early afternoon hours of Tuesday, July 25<sup>th</sup>, 2023, from approximately 0800-1500 Central Standard Time (CST). Ogle and Winnebago Counties will fully participate in this exercise. The State of Illinois will not be evaluated for most functions but will participate in a manner sufficient to support the demonstrations described in this EOP, however the state Unified Area Command (UAC) will participate fully and be evaluated.

In-Sequence activities will be conducted at the following locations:

- County Initial Warning Point (Sheriff's Office Dispatch Center in Ogle County, Winnebago County 911 center)
- Emergency Operations Center [Ogle County EOC, Ogle County Incident Command Post (ICP), Winnebago County EOC]
- State Operations [formerly Communications] Center (Unevaluated), State Emergency Operations Center (SEOC)(U), Radiological Emergency Assessment Center (REAC)(U), Joint Information Center (JIC)(U), the state Unified Area Command (UAC) (Evaluated).

**Out of Sequence** activities will be managed by the State Controller at each field location and will be run independently. All demonstrations will commence promptly and, barring any complications, not continue past the end time. (See Table – 1)

### Demonstration Windows

Demonstration windows are those periods of time designated in the exercise during which specified demonstrations will be accomplished.

<b>Table 1 – Schedule of Activities</b>	<b>Activity</b>	<b>ORO/Location</b>	<b>Date/Time</b>
Controller/Evaluator meeting		Staybridge Suites - Rockford	Monday, July 24, 2023 2:00 PM – 3:00 PM
Initial Notification (911, EONS and NARS)		Ogle Sheriff's Office Dispatch Center <b>Winnebago County 911 Center</b> IEMA OPS Center	Tuesday, July 25, 2023 8:00 AM – 11:00 AM
EOC Operations		Ogle County EMA Winnebago County EMA State Emergency Operations Center State Unified Area Command @ IEMA Logistics Warehouse, Rochelle	Tuesday, July 25, 2023 8:00 AM – 1:00 PM  (Unevaluated)  Monday, July 24 <sup>th</sup> (PM): Set up and Training EX Tuesday, July 25 <sup>th</sup> 8:30 AM – 12:00 PM
Incident Command Post & Staging Area		Ogle County Sheriff's Office, Training Room Staging Area; Discussion Only, Staging SIMCELL at ICP	Tuesday, July 25, 2023 8:30 AM – 12:00 PM 2:00 PM – 3:00 PM
School / Transportation Interview		Oregon Schools Kings Consolidated School	Wednesday, August 9, 2023 9:00AM-10:30 AM (Confirmed) 1:00PM-2:30PM (Confirmed)
Emergency Worker Monitoring/Decontamination Center (EWDC)		Sauk Valley CC (Discussion & Walk-Thru Only)	Wednesday, July 12 <sup>th</sup> , 2023 11:00AM-12:30PM
Reception Center Evaluation		Sauk Valley CC (Discussion & Walk-Thru Only)	Wednesday, July 12 <sup>th</sup> , 2023 11:00AM-12:30PM
Congregate Care Center		Sauk Valley CC (Discussion & Walk-Thru Only)	Wednesday, July 12 <sup>th</sup> , 2023 11:00AM-12:30PM

<b>Table 1 – Schedule of Activities</b>	<b>Activity</b>	<b>ORO/Location</b>	<b>Date/Time</b>
	Transportation and Treatment of Contaminated Injured Individuals	Morrison Hospital, Morrison	Tuesday, July 18, 2023 1:00-3:30 PM
	Traffic/Access Control (TACP)	Ogle County Sheriff's Office  IL State Police, Troop 1 (Pecatonica) Mt. Morris Police Department Oregon Police Department Byron Police Department	Monday, July 24, 2023 2:00 PM – 3:00 PM  <u>Wednesday, July 26, 2023</u> 9:00 – 10:00 AM (confirmed)  9:00 – 10:00 AM (confirmed) 11:00 – 12:00 PM (confirmed) 11:00 – 12:00 PM (confirmed)

## Re-demonstration

All activities will be demonstrated fully in accordance with respective plans and procedures as they would be in an actual emergency. This extent-of-play agreement is written by exception. If an exception is not included below then the activity will be demonstrated as described in plans and/or procedures.

2019 Capability Targets (2016 Criteria) that will be demonstrated during this exercise and may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader: 1.1 (1a1), 1.5 (3b1, 3c1, 3c2), 2.1 (2a1), 2.2 (3a1), 3.1 (1d1), 5.1 (6a1, 6c1), 5.2 (6b1), 5.4 (3d1).

2019 Capability Targets (2016 Criteria) that will be demonstrated during this exercise and may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader OR may be re-demonstrated as approved on a case-by-case basis by the Chairperson, FEMA R5 Regional Assistance Committee: 1.2 (1c1), 3.3 (5b1)

2019 Capability Targets (2016 Criteria) that will be demonstrated during this exercise and may be re-demonstrated as approved on a case-by-case basis by the Chairperson, FEMA R5 Regional Assistance Committee: 1.4 (2b2, 2c1), 3.2 (5a1, 5a3, 5a4), 5.4 (3d2)

Re-demonstration will be negotiated between the Lead Controller, Jurisdiction FEMA Team Leader, and the Offsite Response Organization (ORO) involved, and will be conducted only when the corrective action would not interfere with the flow of the exercise. Refresher training may be provided by ORO personnel and/or the Controller.

It is permissible to extend the evaluation time to accommodate the re-demonstration. Issues resolved as the result of a re-demonstration will be noted as Findings resolved through re-demonstration.

## Activities, Core Capabilities, and Exercise Objectives

Activity	Core Capability	Exercise Objective
Initial Notification Point	Operational Communications	Objective 1: Emergency Operations Management Objective 3: Alert and Notification
State/County Emergency Operations Centers	Operational Coordination Public Information and Warning	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 3: Alert and Notification
Communications Demonstration	Public Information and Warning	Objective 3: Alert and Notification
School/Transportation Interview	Operational Communications Operational Coordination Critical Transportation	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 5: Operate
Emergency Worker Monitoring/Decontamination	Operational Coordination Environmental Response/Health and Safety	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 5: Operate
Reception Center (NA)	Operational Coordination Environmental Response/Health and Safety Mass Care	Objective 5: Operate
Congregate Care Center (NA)	Mass Care	Objective 5: Operate
Traffic and Access Control Point	Access Control Operational Coordination Critical Transportation	Objective 2: Exposure Control Objective 5: Operate

## Section 2: Extent-of-Play Agreement

### Standards & References

Illinois County OROs will use the following references, plans, and procedures during exercise play:

- Illinois Plan for Radiological Accidents, Byron Station Plan, revised July 2023.
- DHS/FEMA REP Program Manual December 2019.
- NUREG 0654/FEMA REP 1 Rev. 2., Core Plan, revised 2017.
- Illinois Plan for Radiological Accidents, Core Plan, revised December 2021
- IEMA DNS Standard Operating Procedures for Field Teams

## **Exercise Participants**

State, County and Local Offsite Response Organizations (ORO) that will participate in this exercise may include but are not limited to the following:

- Ogle County Emergency Management Agency
- Ogle County Sheriff's Office
  - Ogle County Sheriff's Office Tactical Response Team
- Ogle County Health Department
- Ogle County Board
- Ogle County Highway Department
- Winnebago Emergency Management Agency
- Illinois Emergency Management Agency (IEMA)
  - SEOC & SUAC State Agency Partners (invited): Illinois Departments of: Environmental Protection, Transportation, Natural Resources, Public Health. Illinois State Police, American Red Cross
  - IEMA Radiological Response Group (RRG)
- Illinois State Police, Troop 1 (Pecatonica, IL)
- Illinois Law Enforcement Alarm System (ILEAS)
- Mutual Aid Box Alarm System (MABAS)
- WRHL/WYOT Radio
- American Red Cross

## Section 3: Objectives and Exceptions

### Objective 1: Emergency Operations Management

**Capability Target 1.1: Mobilization** (1.a.1)- Individuals with roles in support of emergency operations are identified, alerted, and mobilized in a timely manner.

**Intent:** The capability to alert, notify, and mobilize OROs to staff facilities in support of emergency operations.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (A.1, A.1.a, A.1.b, A.3, A.4, A.5, C.1, C.2, C.2.a, C.2.b, C.3, E.1, E.1.a, E.3, F.1.c, H.6, and O.1)

**Core Capabilities:** Operational Coordination

**Exercise Parameters:** Ogle intends to fully activate the County Emergency Operations Center (EOC) in Rochelle, IL. Winnebago County intends to partially activate the County Emergency Operations Center (EOC) in Rockford, IL. The Counties will implement notification procedures as defined in Plans and SOGs. Players who do not normally work in those emergency facilities will be pre-staged outside the venue. **County will make declaration of operational status when appropriate.**

Assessment	Venue	Extent of Play
Alert, notify, and mobilize key personnel, to include a 24-hour staffing roster, and activate facilities in a timely manner.	Ogle County EOC and Sheriff's Dispatch Center Ogle County ICP Winnebago County EOC RRG FOA, State UAC, SEOC (U), REAC (U), JIC (U), (Unevaluated)	Per Plans and Procedures  Exception: <i>Players who do not normally work in those emergency facilities will be pre-staged outside the venue and will be activated using related county notification procedures.</i>
Receive and verify notifications.	Ogle County EOC State OPS Center	No Exceptions
Identify and request additional resources, as needed.	Ogle County EOC, ICP, SUAC, SEOC (U) (Unevaluated), Staging Area (OOS),	Exception: Agencies outside this EOP may be requested, but response will be simulated.
Determine a facility is operational.	All Venues	No Exceptions

**Capability Target 1.2: Direction and Control** (1.c.1) - Individuals in leadership roles provide direction and control to the portion of the overall response effort for which they are responsible.

**Intent:** The capability to provide overall direction and control of response efforts, commensurate with the responsibilities of leadership, as detailed in plans/procedures.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (A.1, A.1.a, A.1.b, A.1.c, A.2, A.3, A.5, C.2, C.2.a, C.2.b, C.3, D.4, E.1, H.6, and O.1)

**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning

**Exercise Parameters:** Decision Making will be demonstrated at the Ogle County EOC and ICP.

Assessment	Venue	Extent of Play
Support protective action decision-making.	Ogle County EOC & ICP Winnebago Co EOC SUAC, RRG FOA, SEOC (U) (Unevaluated) REAC (U) JIC (U)	No exceptions No exceptions State: will issue a PAR via NARS to support county exercise play
Conduct briefings in a timely manner.	Ogle County EOC & ICP Winnebago Co EOC SUAC, RRG Forward Operating Area (FOA) SEOC (U) (Unevaluated) REAC (U)	No Exceptions
Maintain Situational Awareness	All Venues	No Exceptions
Coordinate response activities with other organizations.	Ogle County EOC & ICP Winnebago Co EOC SUAC SEOC (U) (Unevaluated) REAC (U)	No Exceptions
Obtain resources to support emergency operations	Ogle County EOC & ICP Winnebago Co EOC SUAC SEOC (U) (Unevaluated) REAC (U)	Exceptions: by discussion if not already available at venue.
Provide and maintain adequate facilities and equipment to support the emergency response.	Ogle County EOC & ICP RRG FOA, State EOC (U) & SUAC	No Exceptions



**Capability Target 1.3: Protective Action Recommendations** (2.b.1)– Appropriate PARs are selected based on available information and other factors.

***Intent:*** *The capability to use dose assessment and field data, compare this data to the PAGs, and choose among a range of protective actions those most appropriate in a given emergency.*

***Planning reference:*** *NUREG-0654/FEMA-REP-1, Rev. 2 (D.4, J.7, J.8, J.8.b, J.9, and O.1)*

***Core Capabilities:*** *Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning*

***Exercise Parameters:*** *Radiological PARs will be demonstrated and discussed at the Radiological Emergency Assessment Center (REAC) and the State Emergency Operations Center (SEOC), discussion may also take place at State Unified Area Command (SUAC), may also be discussed in Ogle County EOC & ICP. REAC and SEOC will support County Exercise Play by providing PARs but will not be evaluated.*

**Capability Target 1.4: Protective Action Decisions for the Plume Phase** –(2.b.2, 2.c.1) Appropriate PADs are based on available information for the plume phase.

**Intent:** *The capability to utilize appropriate factors and necessary coordination in the decision-making process used to make PADs for the public.*

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (D.1.b, D.4, J.6, J.7, J.8, J.8.b, J.10, J.10.a, J.10.b, J.11.c-g, and O.1)

**Core Capabilities:** *Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Planning.*

**Exercise Parameters:** The State of Illinois will make Protective Action Recommendations (PAR) to Ogle County officials in the county EOCs. County officials will make the final Protective Action Decisions (PAD) regarding what protective actions will be recommended to the public of Ogle and applicable areas of Winnebago counties.

Assessment	Venue	Extent of Play
Coordinate and make PADs for members of the general public.	Ogle County EOC	No Exceptions
Coordinate and make PADs for those with access and functional needs.	Ogle County EOC	No specific PADs for access and functional needs
Coordinate and make PADs for students at schools.	Ogle County EOC	Coordinated with the Regional Office of Education (ROE) Liaison in Ogle County.
Coordinate and make subsequent or alternate PADs.	Ogle County EOC Ogle County ICP	Only as needed if not directly driven by Utility-driven scenario. ICP will be included in PAD coordination and may be involved in PAD decision making.
Coordinate and make decisions on the administration of KI (where applicable) for the public and institutionalized members of the population.	Ogle County EOC State EOC REAC	Exception: State Function for decision, County will coordinate, if applicable. IL Emergency Management Agency is responsible for the decision to ingest KI. State of IL doesn't recommend KI use for general public; counties responsible for coordination of institutionalized individuals in EPZ

**Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase** – (3.b.1, 3.c.1, 3.c.2)

Implement decisions for those populations and areas subject to plume phase protective actions.

**Intent:** The capability to implement precautionary protective action and/or PADs, including evacuation and/or sheltering, for all populations within the plume and ingestion exposure pathway EPZs. The populations include those with access and functional needs, students, and institutionalized individuals.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (A.4, C.2.a, G.1, J.11, J.11.a, J.11.b, J.11.c, J.11.e, J.11.g, and O.1)

**Core Capabilities:** Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning

**Exercise Parameters:** No actual evacuations or demonstrations of shelter-in-place will occur. Phone calls and public notifications will be simulated. All transportation points of review will be demonstrated by interview/discussion. No actual transportation will occur. School protective measures are by Regional Office of Education, represented during the exercise in Ogle County EOC, and communications with school districts will be simulated.

Assessment	Venue	Extent of Play
Implement PADs, ensuring communication and coordination with all appropriate jurisdictions.	Ogle County EOC	See Exercise Parameters
Assist those with access and functional needs during the implementation of PADs.	Ogle County EOC	See Exercise Parameters
Communicate, coordinate, and implement protective actions for schools.	Ogle County EOC	See Exercise Parameters
Communicate with transportation officials.	Ogle County EOC	See Exercise Parameters
Identify evacuation routes for the general public.	Ogle County EOC	See Exercise Parameters

**Capability Target 1.6: Protective Action Decisions for the Post-Plume** – (2.d.1, 2.e.1) Appropriate PADs are based on available information for the post-plume phase.

***Intent:*** The capability to assess the radiological consequences for the ingestion exposure pathway and post-plume phase, relate them to the appropriate PAGs, and make and coordinate timely, appropriate PADs to mitigate exposure.

***Planning references:*** NUREG-0654/FEMA-REP-1, Rev. 2 (J.12, J.14, J.14.a-f, M.1, M.1.b, M.4, M.5, M.6, M.7, M.8, and O.1)

***Core Capabilities:*** Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Housing; Planning

***Exercise Parameters:*** Re-entry, Return, Relocation and Re-occupancy (RRRR) will be evaluated in the Ogle EOC and demonstrated through a tabletop-style discussion which will be facilitated by the state exercise controller. Winnebago County will send a representative(s) to the Ogle County EOC to participate in the tabletop exercise where applicable. This demonstration will not begin until the HAB and Plume phase activities have been completed. Ingestion pathway-related elements will not be discussed or evaluated.

**Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase** - (3.e.1, 3.e.2, 3.f.1) Implement decisions for those populations and areas subject to post-plume phase protective actions.

***Intent:*** The capability to implement and coordinate PADs to mitigate exposure and address long-term radiological consequences.

***Planning reference:*** NUREG-0654/FEMA-REP-1, Rev. 2 (C.2, J.12, J.14, J.14.a-f, M.1, M.1.b, M.4, M.5, M.6, M.7, M.8, and O.1)

***Core Capabilities:*** Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning

***Exercise Parameters :*** Re-entry, Return, Relocation and Re-occupancy (RRRR) will be evaluated in the Ogle County EOC and demonstrated through a tabletop-style discussion which will be facilitated by the state exercise controller. Winnebago County will send a representative(s) to the Ogle County EOC to participate in the tabletop exercise where applicable. This demonstration will not begin until the HAB and Plume phase activities have been completed. Ingestion pathway-related elements will not be discussed or evaluated.

## Objective 2: Exposure Control

**Capability Target 2.1: Emergency Worker Exposure Control Decision-Making Process** - (2.a.1) A decision-making process involving consideration of appropriate factors and necessary coordination is used to ensure that an exposure control system is in place for emergency workers and includes the use of radioprotective drugs and procedures to authorize emergency exposures in excess of the PAGs.

**Intent** The capability to assess and control the radiation exposure and dose received by emergency workers and utilize a decision-making chain to authorize emergency worker exposure limits to be exceeded for specific missions.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.c, H.11, K.2, K.2.b, K.3, K.3.a, M.1.b, M.8, and O.1)

**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning

**Exercise Parameters:** Exposure control will be demonstrated at the out-of-sequence venues where applicable and may be demonstrated by interview/discussion. NOTE: if ICP and/or Staging Area are inside 10-mile EPZ, these criteria will be demonstrated at those locations as well.

Assessment	Venue	Extent of Play
Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	Ogle County EOC, ICP, SUAC, Winnebago Co Sheriff <u>Out of Sequence:</u> Staging Area, RRG IL State Police, Troop 1 Mt. Morris Police Dept., Oregon Police Dept., Byron Police Dept., Ogle County Sheriff	Exception: offsite workers onsite – Utility function and will not be evaluated.  Tuesday, July 25th Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 1:00 pm Wednesday, July 26 <sup>th</sup> , 1:00 pm Monday, July 24 <sup>th</sup> , 2:00 pm
Maintain record of dose as a result of exposure.	Ogle County EOC, ICP, SUAC, Winnebago Co Sheriff <u>Out of Sequence:</u> Staging Area, RRG IL State Police, Troop 1 Mt. Morris Police Dept. Oregon Police Dept., Byron Police Dept., Ogle County Sheriff	Exception; will be discussed with participants, but will only be simulated documenting on dosimetry record cards during TAC/DCO demonstrations  Tuesday, July 25th Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 1:00 pm Wednesday, July 26 <sup>th</sup> , 1:00 pm Monday, July 24 <sup>th</sup> , 2:00 pm
Authorize exposures and dose in excess of identified limits.	Will not be demonstrated	The decision to authorize exceeding administrative limits is issued by the state and implemented at the county level
Process for considering occupational exposures and to authorize individuals to receive	Will not be demonstrated	The decision to authorize exceeding administrative limits is issued by the state and implemented at the county level

Assessment	Venue	Extent of Play
doses in excess of occupational dose limits.		
Determine a correction factor for DRD-based isotopic release mixture	REAC (U)	
Control exposure and dose for temporary reentry of emergency workers, or members of the public, to restricted areas.	NA	
Determine the need to authorize radioprotective drugs using projected thyroid doses and field measurements. Projections are compared to previously established PAGs.	NA	State Function; not evaluated during this exercise
Adequately protect members of the public from radiological exposure and control dose for those who are authorized to temporarily reenter a restricted area.	NA	

**Capability Target 2.2: Emergency Worker Exposure Control Management** (3.a.1) - Emergency workers manage radiological exposure and dose in accordance with the plans/procedures.

**Intent:** The capability of emergency workers to manage dose and exposure, use equipment (e.g., dosimetry, radio protective drugs), and identify procedures to monitor their exposure and dose, including following procedures to obtain authorization to receive emergency exposures in excess of the PAGs.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.c, H.11, H.11.b, K.2.b, K.3, K.3.a, M.1.b, and O.1)

**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

**Exercise Parameters:** DRDs, PRDs and KI for emergency workers are pre-distributed and described in the Ogle County during Illinois Plan for Radiological Accidents (IPRA) and SOGs. In the event that the use of KI is recommended to emergency workers, players will simulate taking KI.

Assessment	Venue	Extent of Play
Maintain an appropriate inventory of DRDs that are leak-tested or current in calibration.	Ogle County EOC Ogle Co ICP Winnebago Co Sheriff <u>Out of Sequence:</u> IL State Police TROOP 1 Mt. Morris Police Dept. RRG, SVCC (RC/CCC) Oregon Police Dept.,	In-service dosimetry not calibrated in field; annual leak test records will be made available  Tuesday, July 25th Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 1:00 pm

Assessment	Venue	Extent of Play
	Byron Police Dept., Ogle County Sheriff	Wednesday, July 26 <sup>th</sup> , 1:00 pm Monday, July 24 <sup>th</sup> , 2:00 pm
Maintain an appropriate inventory of dosimetry.	Ogle County EOC Ogle Co ICP Winnebago Co Sheriff <u>Out of Sequence:</u> IL State Police TROOP 1 Mt. Morris Police Dept. RRG, SVCC (RC/CCC) Oregon Police Dept., Byron Police Dept., Ogle County Sheriff	In-service dosimetry not calibrated in field; annual leak test records will be made available  Tuesday, July 25 <sup>th</sup> Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 1:00 pm Wednesday, July 26 <sup>th</sup> , 1:00 pm Monday, July 24 <sup>th</sup> , 2:00 pm
Retain an adequate supply of radioprotective drugs.	Ogle County EOC Ogle Co ICP Winnebago Co Sheriff <u>Out of Sequence:</u> IL State Police TROOP 1 Mt. Morris Police Dept. RRG, SVCC (RC/CCC) Oregon Police Dept., Byron Police Dept., Ogle County Sheriff	KI is supplied by state but issued to each participating entity. KI recordkeeping and reference materials will be made available at each participating location. Tuesday, July 25 <sup>th</sup> Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 1:00 pm Wednesday, July 26 <sup>th</sup> , 1:00 pm Monday, July 24 <sup>th</sup> , 2:00 pm
Adequately distribute appropriate Emergency Worker (EW) Dosimetry Kits (i.e., DRDs, DLRs, KI and Record Card)	Ogle County EOC Ogle Co ICP Winnebago Co Sheriff RRG Staging Area <u>Out of Sequence:</u> Ogle County ICP SVCC (RC/CCC) IL State Police TROOP 1 Mt. Morris Police Dept. Oregon Police Dept., Byron Police Dept., Ogle County Sheriff	No Exception  Tuesday, July 25 <sup>th</sup> Wednesday, July 12 <sup>th</sup> , 11:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 1:00 pm Wednesday, July 26 <sup>th</sup> , 1:00 pm Monday, July 24 <sup>th</sup> , 2:00 pm
Adequately distribute radioprotective drugs to emergency workers.	All Venues	No Exception
Record and report exposures in the field.	Ogle County EOC Ogle County Sheriff Winnebago Co Sheriff RRG Staging Area <u>Out of Sequence:</u> Ogle County ICP SVCC (RC/CCC) IL State Police TROOP 1 Mt. Morris Police Dept. Oregon Police Dept.,	This item will be discussed with participants, but physical recording of readings on official documents will not be required.  Tuesday, July 25 <sup>th</sup> Wednesday, July 12 <sup>th</sup> , 11:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 9:00 am Wednesday, July 26 <sup>th</sup> , 1:00 pm

Assessment	Venue	Extent of Play
	Byron Police Dept., Ogle County Sheriff	Wednesday, July 26 <sup>th</sup> , 1:00 pm Monday, July 24 <sup>th</sup> , 2:00 pm
Implement decisions to administer radioprotective drugs.	State, County EOCs	Exception: State Function for decision, County will coordinate for emergency workers.
Report to individual responsible for managing exposure and dose when limits are reached.	All Venues	No Exception
Implement exposure control decisions to members of the public from radiological exposure and control dose for those who are authorized to temporarily reenter a restricted area.	Ogle County EOC	Will be conducted via interview in Ogle County EOC after completion of plume phase activities. Related maps and questions will be provided and facilitated by the state exercise controller at each county EOC.
Emergency Worker, Just-In-Time (JIT) Training	Ogle County Staging Area (discussion), SVCC (RC/CCC) (discussion only)	To be demonstrated by Staging Area DCO, out of sequence



### Objective 3: Alert and Notification

**Capability Target 3.1: Communications** (1.d.1) - Communication processes, systems, and equipment are sufficient to support emergency operations.

**Intent:** The capability to provide and maintain reliable communications with emergency personnel.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (E.1.a, E.3, F.1, F.1.a, F.1.b, F.1.c, F.3, and O.1)

**Core Capabilities:** Operational Communications; Operational Coordination; Situational Awareness; Planning

**Exercise Parameters:** Ogle County will demonstrate multiple communications systems during an interview at the Ogle County Initial Warning Point and during the EOC portion of the exercise. The State Operations Center will also transmit NARS content to Ogle and Winnebago Counties via land line (EONS availability currently pending). Communications to the out-of-sequence venues will be simulated. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.).

Assessment	Venue	Extent of Play
Utilize communication systems that are fully functional, continuously available, and redundant.	Ogle Co EOC, ICP, Staging Area, Sheriff's Dispatch Center State EOC (U), SUAC, RRG Forward Operating Area, REAC (U), JIC (U)	Exceptions; state facilities will participate to support exercise play but will not be evaluated
Maintain periodic test results and corrective actions on a real time basis.	NA	
Access at least one communication system that is independent of the commercial telephone system.	Ogle County EOC Ogle Co ICP RRG Forward Operating Area (FOA) SEOC/OPS Center (U)	During Communications interview, or demonstrated during exercise play.
Manage the communication systems and ensure that all message traffic is handled without delays that might disrupt emergency operations.	Ogle County EOC Ogle Co ICP SEOC/OPS Center Out of Sequence: Mt. Morris PD IL State Police TROOP 1 RRG, SVCC (RC/CCC) Byron Police Dept., Ogle County Sheriff	No Exceptions
Identify and address any failures of the systems.	Ogle County EOC Ogle Co ICP, SEOC/OPS Center Out of Sequence: Mt. Morris PD IL State Police TROOP 1	No Exceptions

Assessment	Venue	Extent of Play
	RRG, SVCC (RC/CCC) Oregon Police Dept., Byron Police Dept., Ogle County Sheriff	
Transmit, receive, and understand messages (i.e., “content check”).	Ogle County EOC, ICP and Initial Warning Point SEOC/OPS Center WRHL/WYOT Radio	During Communications interview, and/or demonstrated during exercise play.

**Capability Target 3.2: Alert and Notification of the Public** (5.a.1, 5.a.3, 5.a.4) - Alert and notification of the public is completed in a timely manner.

**Intent:** The capability to provide instructions to the public.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, E.4, E.5, F.3, and O.1)

**Core Capabilities:** Public Information and Warning; Planning

**Exercise Parameters:** Alert and Notification of the public is coordinated by Ogle County. All EPZ counties have the ability to sound sirens at multiple locations. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.). Coordination of Sirens and EAS messaging will be coordinated between Ogle and Winnebago Counties. This function will also be demonstrated at participating radio stations (), however every effort will be taken to minimize the time required for these non-governmental entities, and participation may be cancelled if real-world events require.

Assessment	Venue	Extent of Play
ALERT AND NOTIFICATION SYSTEM: Sequentially provide an alert signal followed by an initial instructional message to populated areas.	Ogle County EOC  Ogle County Initial Warning Point WRHL/WYOT Radio NOTE: Instructional message(s) may be initiated from ICP, Ogle County EOC, or both	Exception: Will be demonstrated during exercise play, or if play does not drive related activity, may be conducted via interview of participants. Communications Demonstration will be used to discuss associated points of review.  Exception: Siren Activation – Evaluators will interview Sheriff Dispatch regarding the steps they would take to activate sirens. Siren activation will be simulated. Evaluator will conduct interview during mobilization (capability target 1.1)
ALERT AND NOTIFICATION SYSTEM: Alert and notify the general public. – (Subsequent Alerts)	Ogle County EOC WRHL/WYOT Radio NOTE: Instructional message(s) may be initiated from ICP, Ogle County EOC, or both	Same as above.

Assessment	Venue	Extent of Play
ALERT AND NOTIFICATION SYSTEM: Identify and address any failures of the system(s) or portion of a system(s).	Ogle County EOC WRHL/WYOT Radio	No Exception – See Electronic Notification System (ENS) for back-up methodology.
ALERT AND NOTIFICATION SYSTEM: Actual testing of the mobile public address system will be conducted at an agreed-upon location.	NA	
ALERT AND NOTIFICATION SYSTEM: Secondary method: Electronic Notification System (ENS)	Ogle County EOC	Exception: Utilization of IPAWS will be discussed and demonstrated (potentially Out of Sequence) during the exercise, pending availability of the IPAWS Test Lab. The process may be discussed during communications interview.
PRIMARY ALERT NOTIFICATION SYSTEM: Identify the process to activate the EAS. -	Ogle County EOC	No Exception
PRIMARY ALERT NOTIFICATION SYSTEM: Ensure that updated emergency information is disseminated in a timely manner.	Ogle County EOC	No Exception
PRIMARY ALERT NOTIFICATION SYSTEM: Ensure that current emergency information is repeated at pre-established intervals.	Ogle County EOC	No Exception
EAS/NWS STATION: Identify the process to activate the EAS, to include the process to receive and then broadcast updated information/messages and verification of the message, if applicable.	Ogle County EOC	Exception: By interview with Ogle County EMA Director or designee.
EAS/NWS STATION: Broadcast the message on a 24-hour basis.	NA	No Exception
ROUTE/ALTERNATE ALERTING	Ogle County EOC	Alternative notification via IPAWS interview/demo; counties do not perform route alerting.

**Capability Target 3.3: Emergency Information and Instructions for the Public and News Media:** (5.b.1) - Accurate emergency information and instructions are provided to the public and the news media in a timely manner.

**Intent:** The capability to disseminate emergency information and instructions to the public during all phases of an incident.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, E.4, E.5, G.1, G.2, G.3, G.3.a, G.4, G.5, and O.1)

**Core Capabilities:** Public Information and Warning; Planning

**Exercise Parameters:** Ogle County will demonstrate this capability target by using pre-scripted messages as prescribed in plans and SOGs. Contact with media outlets will be demonstrated but no actual messages will be broadcast. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.).

Assessment	Venue	Extent of Play
PLUME PHASE: Deliver coordinated, prompt, reliable, and actionable information in a timely manner.	Ogle County EOC Ogle County ICP* Joint Information Center	No Exception, *may also occur in ICP, pending location of decision-making personnel Demonstration location TBD
PLUME PHASE: Provide clear, concise, accessible messaging using plain language.	Ogle County EOC Ogle County ICP* Joint Information Center	No Exception, *may also occur in ICP, pending location of decision-making personnel. Demonstration Location TBD
PLUME PHASE: Messaging addresses appropriate cultural and linguistic considerations.	NA	Exception: Ogle County and Winnebago County have less than 5% non-English speaking population, and as such are not required to have alternative messaging
PLUME PHASE: Ensure subsequent messaging is consistent with protective actions.	Ogle County EOC Ogle County ICP* JIC	No Exception, *may also occur in ICP, pending location of decision-making personnel Location TBD
PLUME PHASE: Update information as the incident progresses, to include validating previously identified protective areas and clearly identifying any new protective action areas, any information that is no longer valid, and any changes to previously provided information (e.g., rerouting of evacuation routes due to impediments, etc.).	Ogle County EOC Ogle County ICP*  Joint Information Center	County PIO will provide updated information to the JIC (or JIC SIMCELL), and/or local media briefings. *May also occur in ICP, pending location of decision-making personnel Location TBD
PLUME PHASE: Respond to media and public inquiries.	Ogle County EOC	No Exception
POST-PLUME PHASE: Rapidly disseminate of ingestion exposure pathway information to	NA	

Assessment	Venue	Extent of Play
predetermined individuals and businesses. (IPX)		
POST-PLUME PHASE: Provide information to the public that addresses temporary reentry to a restricted area, permanent relocation from areas not evacuated, and return to formerly restricted areas will be communicated. (RRRR)	Ogle County EOC	Will be discussed (-only) at the Ogle County EOC with a representative(s) from Winnebago County participating via Ogle County EOC, in person or remotely (TBD)

#### Objective 4: Detect Measure, Sample, Analyze, and Access

**Exercise Parameters:** Not Applicable: Entire objective is a State Function in both the plume and post-plume phases. Counties rely on dose projections and recommendations from State of Illinois for evacuation, shelter-in-place, and Potassium Iodide usage recommendations.

Assessment	Venue	Extent of Play
Field Monitoring Teams (FMTs) are managed to obtain information to help characterize the release, locate and track airborne radiological plume, and control contamination	Ogle County ICP RRG Forward Operating Area (FOA)	Field Teams, two or more, will deploy from the RRG Forward Operating Area (FOA) in Rochelle to area(s) identified by the exercise scenario. Briefings will occur at the FOA, as well as direction and control activities. Evaluators will ride with, or follow, the Field Monitoring Teams. Surveys/Samples will be logged into CBRN Responder.
FMTs make, record and report measurements of ambient radiation to appropriate authorities; radioiodine and particulate samples are collected.	RRG Forward Operating Area (FOA)	FMTs will perform these tasks, in sequence, at areas identified by the exercise scenario and returned to the FOA at Contamination Control. Surveys/Samples will be logged into CBRN Responder. Vehicle check-out, inventories, operational checks, background surveys. PPE will be designated in the briefing (this may be waived or simulated due to weather/heat, but a donning/doffing demonstration will occur at FOA regardless).
FMTs take measurements and samples to support assessment of the ingestion exposure pathway and to support reentry, relocation and return decisions.	N/A	This criterion was successfully demonstrated in a prior exercise and will not be demonstrated for the Byron exercise.
The laboratory performs radiological analyses to support protective action decision-making.	N/A	The IEMA Radiochemistry lab will not be evaluated for this exercise.

Assessment	Venue	Extent of Play
Dose assessment considers all available information including plant conditions, environmental conditions, field monitoring data, sample analysis results, and dose projection calculations.	REAC (Unevaluated)	The state Radiological Emergency Assessment Center will not be evaluated, but will participate for training purposes and to support state and county exercise play.
Post-plume phase assessment considers all available information, including environmental conditions, field monitoring data, sample analysis results, and dose projection calculations.	REAC (Unevaluated)	The state Radiological Emergency Assessment Center will not be evaluated, but will participate for training purposes and to support state and county exercise play.

## Objective 5: Operate

### **Capability Target 5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees** (6.a.1, 6.c.1) -

Facilities, equipment, and procedures are in place and utilized to provide monitoring, decontamination, identification, temporary shelter, congregate care, and registration of evacuees.

**Intent:** The capability to implement radiological monitoring and decontamination of evacuees, and to identify, register, temporarily shelter, and provide congregate care for evacuees at reception centers.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (J.11.d, J.13, K.4, and O.1)

**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Mass Care; Planning

#### **Exercise Parameters:**

- The **Sauk Valley Community College** Reception/Congregate Care Center will be evaluated for this exercise through a formal interview and walk through of the facility on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.

Assessment	Venue	Extent of Play
Set up operations:	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
Operationally check instruments and equipment.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
MONITORING: Attain and sustain the overall monitoring productivity rate per hour needed to monitor 20 percent of the plume exposure pathway EPZ population, including transients, within a 12-hour period at each facility. The monitoring productivity rate per hour is the number of evacuees that can be monitored, per hour, per location, by the total complement of monitors using an appropriate procedure.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
MONITORING: Monitor evacuees, service animals, pets, vehicles, and possessions.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
Utilize trigger/action levels for determining the need for decontamination.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community

Assessment	Venue	Extent of Play
		College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
DECONTAMINATION: Decontaminate evacuees, and personal belongings, while limiting the spread of contamination.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
DECONTAMINATION: Follow-up with any evacuee(s) who cannot be appropriately decontaminated for assessment; ensure the capability to provide evacuee-referrals.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
VEHICLES: Monitor and decontaminate vehicles.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
VEHICLES: Provide adequate, separate space for both contaminated and non-contaminated vehicles.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
VEHICLES: Monitor evacuees and their vehicles for contamination.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
VEHICLES: Decontaminate evacuee vehicles based on trigger/action levels.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
SHELTERING AND CONGREGATE CARE: Coordinate for incoming evacuees who have been monitored and, if necessary, decontaminated.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
SHELTERING AND CONGREGATE CARE: Establish shelter operations.	SVCC	Will be demonstrated Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
SHELTERING AND CONGREGATE CARE: Congregate care centers and operations in host/support jurisdictions are sufficient to support the expected number of evacuees.	SVCC	Will be demonstrated by the American Red Cross, and supporting organizations at Sauk Valley Community College (SVCC) Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
REGISTRATION: Register evacuees.	SVCC	Will be demonstrated at Sauk Valley Community College (SVCC) by the American Red Cross Will



Assessment	Venue	Extent of Play
		be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
REGISTRATION: Ensure the registration area is clean and controlled.	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.

**Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles** (6.b.1)

Facilities, equipment, and procedures are in place and utilized to provide monitoring and decontamination of emergency workers and their equipment and vehicles.

**Intent:** The capability to implement radiological monitoring and decontamination of emergency workers, equipment, and vehicles.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (K.4 and O.1)

**Core Capabilities:** Operational Coordination; Environmental Response/Health and Safety; Planning

**Exercise Parameters:** Emergency Worker Monitoring and Decontamination is a State responsibility and will not be evaluated during this exercise. .

Assessment	Venue	Extent of Play
Set up operations:	SVCC	Will be demonstrated via an evaluated interview and walk-thru at Sauk Valley Community College (SVCC) on Wednesday, July 12, 2023 from 11:00AM to 12:30PM.
Operationally check instruments and equipment.	SVCC	Will not be demonstrated during this exercise
Monitor emergency worker personnel and their equipment and vehicles for contamination.	SVCC	Will not be demonstrated during this exercise
Decontaminate emergency worker personnel and their equipment and vehicles based on trigger/action levels.	SVCC	Will not be demonstrated during this exercise
Control the spread of contamination.	NA	Will not be demonstrated during this exercise
Create and maintain a record of monitoring and decontaminating workers upon completion of	NA	Will not be demonstrated during this exercise

Assessment	Venue	Extent of Play
monitoring and decontamination activities.		
Process for prioritizing emergency workers and equipment before the public in facilities where the public and emergency workers are both processed for contamination.	NA	Will not be demonstrated during this exercise

**Capability Target 5.3: Transportation and Treatment of Contaminated Individuals** (6.d.1) - Transport contaminated, injured individuals to medical facilities with the capability to monitor and decontaminate.

***Intent:*** The capability to provide medical transport and treatment services to contaminated, injured individuals.

***Planning reference:*** NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.d, F.2, H.11, H.12, J.2, K.3, K.4, L.1, L.3, L.4, and O.1)

***Core Capabilities:*** Environmental Response/Health and Safety; Public Health, Healthcare, Emergency Medical Services; Planning

***Exercise Parameters:*** This target will be addressed in an out-of-sequence demonstration at Freeport Hospital. The tentative dates are June 8<sup>th</sup> and/or 9<sup>th</sup>, 2023.

**Capability Target 5.4: Traffic and Access Control** (3.d.1, 3.d.2, new reentry) - Appropriate traffic and access control is established; accurate instructions are provided to traffic and access control staff.

**Intent:** The capability to select, establish, and staff traffic and access control points and removing impediments to the flow of evacuation traffic.

**Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (H.12, J.8, J.8.b, J.10, J.10.a, J.11.c, J.11.e, J.11.f, J.14.d, J.14.e, M.1.b, and O.1)

**Core Capabilities:** Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment.

**Exercise Parameters:** The Traffic Access and Control Point (TACP) ability to provide instructions to TACP providers will be demonstrated through an interview with Law Enforcement Officers out of sequence TAC/DCO evaluations at Ogle County Sheriff's Office, IL State Police, Troop 1 (District 17) headquarters, Byron Police Department, Oregon (IL) Police Department and Mt. Morris Police Department. No actual control point will be set up. Equipment will be available for inspection.

Assessment	Venue	Extent of Play
Select, establish, and staff appropriate TCP/ACPs, consistent with current conditions and PADs (e.g., evacuating, sheltering, and relocation), in a timely manner.	Ogle County EOC Winnebago County EOC Ogle Co ICP Out of sequence discussions: IL State Police, Troop 1 Mt. Morris Police Dept. Oregon Police Dept. Mt. Morris Police Dept.	Exception: By interview with law enforcement officers in Ogle Co EOC; Winnebago may perform this task through a liaison in the Ogle Co EOC.  Limited to possible coordination with Ogle CO EOC/Sheriff for HAB-based guidance for non-radiological considerations. Radiological considerations/decisions may be handled by county EOC.
Provide instructions to TACP staff on actions to take, including when modifications in protective action strategies necessitate changes in evacuation patterns or in the area(s) where access is controlled.	Ogle County EOC Winnebago County EOC Ogle Co ICP Out of sequence discussions: IL State Police, Troop 1 Mt. Morris Police Dept. Oregon Police Dept. Mt. Morris Police Dept.	Exception: By interview with law enforcement officer in Ogle Co EOC. Winnebago may perform this task through a liaison in the Ogle Co EOC.  Out of sequence interview with: ISP TROOP 1 command staff on 7/26 at 9:00 am (time/date proposed)  Limited to possible coordination with Ogle CO EOC/Sheriff for HAB-based guidance for non-radiological considerations. Radiological considerations/decisions may be handled by county EOC, depending on location of decision-making authorities.
Contact the state or Federal agencies that have the authority for the different transportation modes (e.g., rail, water, and air traffic).	State EOC (U)	No Exception

Assessment	Venue	Extent of Play
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.	Ogle County EOC Winnebago County EOC State Unified Area Command	Exception. Winnebago may perform this task through a liaison in the Ogle Co EOC.
Make the decision to re-route traffic and coordinate with key decision-makers and the JIC to ensure the alternate route information is appropriately communicated to evacuees.	Ogle County EOC  Winnebago County EOC State JIC (U)	PIO will provide re-route instructions to the JIC or include in local media briefing, may be demonstrated or discussed depending on exercise play.
Establish procedures to control access to and monitor people and vehicles from the evacuated and restricted areas.	Ogle County EOC  Winnebago County EOC	The traffic control portion will be discussed during the TAC/DCO evaluation at each county EOC.  Exception: Winnebago may perform this task through a liaison in the Ogle Co EOC..
Authorize reentry of individuals into the restricted areas.	Ogle County EOC  Winnebago County EOC	Will be conducted via interview in each EOC after completion of plume phase activities. Related maps and questions will be provided and facilitated by the state exercise controller at each county EOC.
Establish exit procedures.	Ogle County EOC  Winnebago County EOC	Will be conducted via interview in each EOC after completion of plume phase activities. Related maps and questions will be provided and facilitated by the state exercise controller at each county EOC.

## Section 4: Demonstration Locations, Dates, Times, and Contacts

**WEDNESDAY, July 12<sup>th</sup>, 2023**

<b>RECEPTION/ CONGREGATE CARE CENTER EVALUATION (Interview &amp; Walk-Thru) – Sauk Valley Community College</b>		
Address:	Sauk Valley Community College 173 Illinois Route 2 Dixon, IL 61021	
Contact:	Brad Clearwater, State Controller	
Telephone:	217/685-0139	

Action Location:	River View Conference Room. 1 <sup>st</sup> floor, Room 1H16	
Date:	Wednesday, July 12, 2023	
Time:	11:00a.m. – 12:30 p.m.	

**MONDAY July 24, 2023**

<b>PRE-EXERCISE MEETING</b>		
Address:	Staybridge Suites – Rockford / Rock Hospitality 633 N. Bell Road Rockford, IL 61107	
Contact:	David Persaud	
Telephone:	312/208-9574	
Action Location:	Same as above	
Date:	Monday, July 24 <sup>th</sup> , 2023	
Time:	2:00 p.m. – 3:00 p.m.	

<b>TRAFFIC &amp; ACCESS CONTROL – Ogle County Sheriff's Office</b>		
Address:	Ogle County Sheriff's Office 202 S. 1 <sup>st</sup> Street Oregon, IL 61061	
Contact:	Tolly Knezevich	
Telephone:	217-685-3494	
Action Location:	Sheriff's Office Training Room. Enter at Front door.	
Date:	Monday, July 24 <sup>th</sup> , 2023	
Time:	2:00p.m. – 3:00 p.m. (Confirmed)	

**TUESDAY July 25, 2023**

<b>INITIAL NOTIFICATION – OGLE COUNTY SHERIFF'S DISPATCH CENTER</b>		
Address:	Ogle County Sheriff's Office 202 S. 1 <sup>st</sup> Street Oregon, IL 61061	
Contact:	Brad Clearwater	

Telephone:	217/685-0139	
Action Location:	County Sheriff's Office Dispatch Center Same as above	
Date:	Tuesday, July 25th, 2023	
Time:	8:00 a.m. – 10:00 a.m.	

**INITIAL NOTIFICATION – Winnebago County 911 CENTER**

Address:	4511 North Main Street (UNPUBLISHED) Rockford, IL	
Contact:	David Martin	
Telephone:	217/993-1102	
Action Location:	Note: This address is not published and is not public information for safety/security reasons. Do not publish.	
Date:	Tuesday, July 25th, 2023	
Time:	8:00 a.m. – 10:00 a.m.	

**EMERGENCY OPERATIONS CENTER – Ogle County EMA**

Address	Ogle County EMA 500 Lincoln Highway Rochelle, IL	
Contact	Tolly Knezevich	
Telephone	217/685-3494	
Action Location	County EOC located in Lower level of this county building. Take elevator to basement.	
Date:	Tuesday July 25, 2023	
Time:	8:00 a.m. – 2:00 p.m.	

**Incident Command Post – Ogle County Sheriff's Office, Training Room**

Address:	Ogle County Sheriff's Office 202 S. 1 <sup>st</sup> Street Oregon, IL 61061	
Contact:	Brad Clearwater, State Controller	
Telephone:	217/685-0139	
Action Location:	Same as above. Inside OCSO, in their training room. Must enter through front (street side) door. Access may be provided later in the morning from a rear door.	
Date:	Tuesday, July 25, 2023	
Time:	8:00 a.m. – 12:00 p.m.	

**Ogle County Staging Area (SIMCELL) – Ogle Co Sheriff's Office Training Room**

Address:	Ogle County Sheriff's Office 202 S. 1 <sup>st</sup> Street Oregon, IL 61061	
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Contact:	Brad Clearwater, State Controller	
Telephone:	217/685-0139	
Action Location:	May be simulated/discussed only while in ICP.	
Date:	Tuesday, July 25, 2023	
Time:	10:00 a.m. – 2:00 p.m.	

<b>State Unified Area Command (SUAC) – TBD</b>		
	IEMA-OHS Logistics Warehouse	
Address:	1025 S. Main Street Rochelle, IL 61068	
Contact:	Brian Brackemyer	
Telephone:	815/440-5565	
Action Location:	SUAC may be located in trailer outside building or in offices inside building. Enter from Steam Plant Road (North) side of building. Additional information available through state controller.	
Date:	Tuesday, July 25, 2023	
Time:	9:00 a.m. – 1:00 p.m.	

<b>Radio Station (Ogle County) – WRHL Radio</b>		
	WRHL Radio	
Address:	400 May Mart Drive Rochelle, IL 61068	
Contact:	Kerrie Peacock	
Telephone:	217/720-7169	
Action Location:		
Date:	Tuesday, July 25, 2023	
Time:	8:15 a.m. – 11:00 a.m.	

### **WEDNESDAY July 26, 2023**

<b>TRAFFIC &amp; ACCESS CONTROL – Illinois State Police, Troop 1 (Pecatonica Facility)</b>		
Address:	ISP TROOP 1 Headquarters 16450 W. State Road, Pecatonica, IL 61063	
Contact:	Tolly Knezevich	
Telephone:	217/685-3494	
Action Location:	ISP TROOP 1 HQ is located just off US Route 20 at S. Pecatonica Road, approximately 12 miles east of Rockford.	

Date:	Wednesday, July 26, 2023	
Time:	9:00a.m. – 10:00 a.m.	

TRAFFIC & ACCESS CONTROL – Mt. Morris Police Department		
Address:	105 W. Lincoln Street, Mt. Morris, IL 61054	
Contact:	Brad Clearwater	
Telephone:	217/685-0139	
Action Location:		
Date:	Wednesday, July 26 <sup>th</sup> , 2023	
Time:	9:00a.m. – 10:00 a.m.	

TRAFFIC & ACCESS CONTROL – Byron Police Department		
Address:	City Municipal Building 232 W. 2 <sup>nd</sup> Street Byron, IL 61010	
Contact:	Tolly Knezevich	
Telephone:	217/685-3494	
Action Location:		
TRAFFIC & ACCESS CONTROL – Oregon Police Department		
Date:	Wednesday, July 26 <sup>th</sup> , 2023	
Address:	Oregon Police Department Headquarters 115 N. 3 <sup>rd</sup> Street Oregon, IL 61061	
Time:	11:00a.m. – 12:00 a.m.	
Contact:	Brad Clearwater	
Telephone:	217/685-0139	
Action Location:		
Date:	Wednesday, July 26 <sup>th</sup> , 2023	
Time:	11:00a.m. – 12:00 a.m.	



**FRIDAY July 28, 2023**

<b>PARTICIPANT BRIEFING – Ogle County EOC</b>		
Address	500 Lincoln Highway Rochelle, IL	
Contact	Tom Richter	
Telephone	815/433-5622	
Action Location	County EOC located in Lower level of this county building. Take elevator to basement.	
Date:	Friday, July 28th, 2023	
Time:	10:00 a.m. – 10:45 a.m.	

<b>PUBLIC/MEDIA BRIEFING – Ogle County EOC</b>		
Address	500 Lincoln Highway Rochelle, IL	
Contact	Tom Richter	
Telephone:	815/433-5622	
Action Location:	Same as above	
Date:	Friday, July 15th, 2023	
Time:	11:00 a.m. – 11:45 a.m.	

**WEDNESDAY, August 9, 2023**

<b>SCHOOL EVAC. &amp; SHELTERING EVALUATION – Oregon School District #220</b>		
Address	Oregon High School / District Office 206 S. 6 <sup>th</sup> Street Oregon, IL	
Contact	Brad Clearwater	
Telephone	217/685-0139	
Action		

Location		
Date:	Wednesday, August 9 <sup>th</sup> , 2023	
Time:	9:00 a.m. – 10:30 a.m.	

<b>SCHOOL EVAC. &amp; SHELTERING EVALUATION – Kings Consolidated School Dist. #100</b>		
Address	Kings Consolidated School	
	100 1 <sup>st</sup> Street Kings, IL	
Contact	Brad Clearwater	
Telephone:	217/685-0139	
Action Location:		
Date:	Wednesday, August 9 <sup>th</sup> , 2023	
Time:	1:00 p.m. – 2:30 p.m.	

## Section 5: Back-up Documentation

Illinois Plan for Radiological Accidents (IPRA), Suggested Operational Guidance and other supporting information to be provided separately.

## Section 6: Acronyms

Acronym	Term
ARC	American Red Cross
CDT	Central Daylight Time
EMS	Emergency Medical Service
EOC	Emergency Operations Center
EOP	Extent of Play
EWDC	Emergency Worker Monitoring/Decontamination Center
FEMA	Federal Emergency Management Agency
HQ	Headquarters
ICP	Incident Command Post
ILEAS	Illinois Law Enforcement Alarm System
IPRA	Illinois Plan for Radiological Accidents
ISP T1	Illinois State Police, Troop 1
IWP	Initial Warning Point
JIC	Joint Information Center
MABAS	Mutual Aid Box Alarm System
OCSO	Ogle County Sheriff's Office
ORO	Offsite Response Organization

Acronym	Term
PIO	Public Information Officer
R5	FEMA Region Five
RAC	Radiological Assistance Committee
REAC	Radiological Emergency Assessment Center
RRG	Radiological Response Group
SEOC	State Emergency Operations Center
SOG	Suggested Operational Guidance
SUAC	State Unified Area Command
SVCC	Sauk Valley Community College
TACP	Traffic/Access Control Point