



Nuclear Power Plant Exercise

Clinton Nuclear Power Station

Radiological Emergency Preparedness Exercise

Radiological Emergency Preparedness Program

Final After-Action Report/Improvement Plan

Exercise Date: November 14, 2023

Report Date: December 18, 2023



FEMA

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Executive Summary

On November 14, 2023, the United States Department of Homeland Security, Federal Emergency Management Agency (DHS/FEMA) Region 5 Radiological Emergency Preparedness Program evaluation team evaluated the Clinton Nuclear Power Station's Partial-Participation, Plume Exposure Pathway, Radiological Emergency Preparedness Exercise in the 10-mile Emergency Planning Zone for the Clinton Nuclear Power Station. The Clinton Nuclear Power Station was located in DeWitt County, Illinois.

The purpose of the exercise was to assess the level of state and local preparedness in responding to a radiological and hostile action-based incident at the Clinton Nuclear Power 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 November 16, 2021. The qualifying emergency preparedness exercise was conducted on December 4, 1980.

Officials and representatives from the State of Illinois and the risk counties of DeWitt, Macon, McLean, and Piatt, 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 Findings and no Plan Issues as a result of the 2023 Clinton Nuclear Power 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 278 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 Clinton Nuclear Power Station Radiological Emergency Preparedness Exercise	
Type of Exercise	Partial Participation, Plume Exposure Pathway, Radiological Emergency Preparedness Exercise	
Exercise Date	November 14, 2023	
Out of Sequence Date(s)	November 15, 2023	
Program	Radiological Emergency Preparedness Program	
FINAL Scenario Submittal to FEMA	September 18, 2023	
FINAL Extent-of-Play Agreement Submittal to FEMA	October 19, 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
	Mass Care Services	Public Health, Healthcare, & Emergency Medical Services
	Situational Assessment	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 and Office of Homeland Security DeWitt County Emergency Management Agency Macon County Emergency Management Agency McLean County Emergency Management Agency Piatt County Emergency Management Agency Constellation (Clinton Nuclear Power Station)	
FEMA Exercise Evaluation Leadership Team	Sean O'Leary, Regional Assistance Committee Stephen Tulley, Exercise Director Ed Golinski, Assistant Exercise Director Angela Cloutier, Site Specialist	

Section 2: Exercise Design Summary

2.1 Exercise Purpose

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. 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 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 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, 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 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 November 14, 2023, Partial-Participation, Plume Exposure Pathway, Radiological Emergency Preparedness Exercise, and out of sequence activities conducted the week of November 13-17, 2023.

Each jurisdiction and functional entity were evaluated based on the demonstration of objectives, core capabilities, and capability targets as delineated in the 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 the use of 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 Out- of- Sequence Activity

SITE: Clinton Nuclear Power Station DATE: November 15, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	St. Mary Hospital, Decatur-Hospital	St. Mary Hospital, Decatur-Ambulance	Illinois State Police Troop 5-Briefing	Illinois State police Troop 5-Interview	Illinois State Police Troop 7-Briefing	Illinois State Police Troop 7-Interview
Objective 1: Emergency Operations Management Capability Targets						
1.1: Mobilization	NA	NA	NA	NA	NA	NA
1.2: Direction and Control	NA	NA	NA	NA	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets						
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	M	M	M	M	M	M
Objective 3: Alert and Notification Capability Targets						
3.1: Communications	NA	NA	M	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets						
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets						
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	M	M	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	M	M	M	M

Table 3.1.2 Summary of Exercise Evaluation – DeWitt County In-Sequence Activity

SITE: Clinton Nuclear Power Station DATE: November 14, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Emergency Operations Center TAC/DCO	Radio Station WBNQ
Objective 1: Emergency Operations Management Capability Targets				
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
Objective 2: Exposure Control Capability Targets				
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	M	NA
Objective 3: Alert and Notification Capability Targets				
3.1: Communications	M	M	M	NA
3.2: Alert and Notification of the Public	NA	M	NA	M
3.3: Emergency Information and Instructions Public and News Media	NA	M	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets				
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
Objective 5: Operate Capability Targets				
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	NA	M	NA

Table 3.1.3 Summary of Exercise Evaluation - DeWitt County Out-of-Sequence Activity

SITE: Clinton Nuclear Power Station DATE: November 14, 2023 at 1400 CST M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Clinton Police Department
Objective 1: Emergency Operations Management Capability Targets	
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	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA
Objective 2: Exposure Control Capability Targets	
2.1: Emergency Worker Exposure Control Decision-Making Process	NA
2.2: Emergency Worker Exposure Control Management	M
Objective 3: Alert and Notification Capability Targets	
3.1: Communications	M
3.2: Alert and Notification of the Public	NA
3.3: Emergency Information and Instructions Public and News Media	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets	
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
Objective 5: Operate Capability Targets	
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	M

Table 3.1.4 Summary of Exercise Evaluation - Macon County In-Sequence Activity

SITE: Clinton Nuclear Power Station DATE: November 14, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Emergency Operations Center TAC/DCO
Objective 1: Emergency Operations Management Capability Targets			
1.1: Mobilization	M	M	NA
1.2: Direction and Control	NA	M	NA
1.3: Protective Action Recommendations	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA
Objective 2: Exposure Control Capability Targets			
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	M
Objective 3: Alert and Notification Capability Targets			
3.1: Communications	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets			
4.1: Field Monitoring Teams Management	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA
Objective 5: Operate Capability Targets			
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	M

Table 3.1.5 Summary of Exercise Evaluation - McLean County In-Sequence Activity

SITE: Clinton Nuclear Power Station DATE: November 14, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Emergency Operations Center TAC/DCO
Objective 1: Emergency Operations Management Capability Targets			
1.1: Mobilization	M	M	NA
1.2: Direction and Control	NA	M	NA
1.3: Protective Action Recommendations	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA
Objective 2: Exposure Control Capability Targets			
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	M
Objective 3: Alert and Notification Capability Targets			
3.1: Communications	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets			
4.1: Field Monitoring Teams Management	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA
Objective 5: Operate Capability Targets			
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	M

Table 3.1.6 Summary of Exercise Evaluation - Piatt County In-Sequence Activity

SITE: Clinton Nuclear Power Station DATE: November 14, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Emergency Operations Center TAC/DCO
Objective 1: Emergency Operations Management Capability Targets			
1.1: Mobilization	M	M	NA
1.2: Direction and Control	NA	M	NA
1.3: Protective Action Recommendations	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA
Objective 2: Exposure Control Capability Targets			
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	M
Objective 3: Alert and Notification Capability Targets			
3.1: Communications	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets			
4.1: Field Monitoring Teams Management	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA
Objective 5: Operate Capability Targets			
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	M

Table 3.1.7 Summary of Exercise Evaluation - Piatt County Out-of-Sequence Activity

SITE: Clinton Nuclear Power Station DATE: November 15, 2023 at 0900 CST M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	DeLand Weldon School District
Objective 1: Emergency Operations Management Capability Targets	
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	M
1.6: Protective Action Decisions Post-Plume Phase	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA
Objective 2: Exposure Control Capability Targets	
2.1: Emergency Worker Exposure Control Decision-Making Process	NA
2.2: Emergency Worker Exposure Control Management	M
Objective 3: Alert and Notification Capability Targets	
3.1: Communications	M
3.2: Alert and Notification of the Public	NA
3.3: Emergency Information and Instructions Public and News Media	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets	
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
Objective 5: Operate Capability Targets	
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 FEMA Region 5 Radiological Emergency Preparedness Program evaluations. Each jurisdiction's standalone capability summaries are provided below.

3.2.1 State of Illinois Out-of-Sequence

3.2.1.1 St. Mary's Hospital Decatur-Hospital

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, and 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.

3.2.1.2 St. Mary's Hospital Decatur-Transportation

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, and 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.

3.2.1.3 Illinois State Police Troop 5-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 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.

3.2.1.4 Illinois State Police Troop 5-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: 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.

3.2.1.5 Illinois State Police Troop 7-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 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.

3.2.1.6 Illinois State Police Troop 7-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: 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.

3.2.2 DeWitt County-In-Sequence

3.2.2.1 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 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.

3.2.2.2 DeWitt 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 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: 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.

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.

3.2.2.3 DeWitt County Emergency Operations Center-TAC/DCO

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 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.

3.2.2.4 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.

3.2.3 DeWitt County Out-of-Sequence

3.2.3.1 Clinton Police Department

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 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 Macon County In-Sequence

3.2.4.1 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 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.

3.2.4.2 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: 1.5 Proactive 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: 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.

3.2.4.3 Emergency Operations Center TAC/DCO

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 McLean County In-Sequence

3.2.5.1 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 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 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: 1.5 Proactive 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: 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.

3.2.5.3 Emergency Operations Center TAC/DCO

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.

3.2.6 Piatt County In-Sequence

3.2.6.1 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 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.

3.2.6.2 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: 1.5 Proactive 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: 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.

3.2.6.3 Emergency Operations Center TAC/DCO

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.

3.2.7 Piatt County Out-of-Sequence

3.2.7.1 DeLand Weldon School District

Capability Target: 1.5 Proactive 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 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.

Section 4: Conclusion

The 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, DeWitt, Macon, McLean, and Piatt Counties 10-mile Emergency Planning Zone 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 Clinton Nuclear Power Station.

Based on the results of this exercise and 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, DeWitt, Macon, McLean, and Piatt 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 Clinton Nuclear Power Station granted on December 4, 1980, will remain in effect.

There were two Level 2 Findings identified for McLean County in the 2021 REP Exercise. Level 2 Finding 13-21-3d2-L2-001, McLean County Emergency Operations Center and Level 2 Finding 13-21-1c1-L2-002 McLean County Emergency Operations Center were successfully demonstrated in the 2023 REP Exercise and were cleared. The 2021 Clinton REP exercise was under the guidance of the 2016 Radiological Emergency Preparedness Program Manual that identified Evaluation Criteria 3d2 and 1c1 and have been updated to Capability Target 5.4 and 1.2 respectively, per the 2019 Radiological Emergency Preparedness Program Manual.

The DHS/FEMA 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 November 14, 2023, Clinton Nuclear Power Station Partial Participation, Plume Exposure Pathway, Radiological Emergency Preparedness Exercise to test the offsite emergency response capabilities of State and local governments in the 10-mile Emergency Planning Zone surrounding the Clinton Nuclear Power Station, recommended corrective actions, and, a schedule of corrective actions for the identified primary responsible agency.

The DHS/FEMA evaluation team identified no Level 1 or Level 2 Findings and no Plan Issues for the State of Illinois, DeWitt, Macon, McLean, or Piatt Counties during the 2023 Clinton Nuclear Power Station Exercise.

Appendix A: Exercise Timeline

Emergency Classification Level or Event	Time Utility Declared				
		DeWitt County	Macon County	McLean County	Piatt County
Unusual Event (end of verification call for ECLs)	N/A	N/A	N/A	N/A	N/A
Alert	0831	0843	0900	0904	0905
Site Area Emergency	0933	1027	1043	1036	1030
General Emergency	1029	1045	1117	1107	1105
Release of Radioactive Material Started	1143	1143	1143	1143	1143
Release of Radioactive Material Terminated	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0917	0934	0922	0920
Declaration of State/Local Emergency		N/A	N/A	N/A	N/A
Exercise Termination		1300	1254	1249	1254
Early Precautionary Action Decision: <i><The State issued an order to evacuate state parks and hunting areas.></i>		1136	N/A	N/A	N/A
Early Precautionary Action Decision: <i><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.></i>		N/A	N/A	N/A	N/A
Early Precautionary Action Decision: <i><The state issued Air, water and rail traffic restrictions within 5/10 miles of Clinton Nuclear Power Station.></i>		N/A	N/A	N/A	N/A
Early Precautionary Action Decision: <i><Evacuate Schools and/or Special Populations.></i>		N/A	N/A	N/A	N/A
General Information Message: <i><Public advised of incident at Clinton Nuclear Power Station ></i>		1013	1011	1014	1016
Siren Activation:		1020	N/A	N/A	N/A
EAS Message:		1025	N/A	N/A	N/A
Protective Action Recommendation Evacuation of Sub-Areas: 1		1059	1117	1118	1105
Protective Action Decision:		1059	1117	1118	1105
Siren Activation:		1120	N/A	N/A	N/A
EAS Message:		1120	N/A	N/A	N/A
Protective Action Recommendation Evacuation of Sub-Areas: KI		1153	1156	1200	1200
Protective Action Decision:		N/A	N/A	N/A	N/A
Siren Activation:		N/A	N/A	N/A	N/A
EAS Message:		N/A	N/A	N/A	N/A
KI Administration Emergency Workers and Immobile Populations Decision (SEOC/REAC)/Implementation (UAC/Counties)		1153	1156	1200	1200

~ All times are in Central Standard Time ~

DATE AND SITE: November 14, 2023– Clinton Nuclear Power Station Plume REPEX

Appendix B: Participating Organizations

State of Illinois

Illinois Emergency Management Agency and Office of Homeland Security
Illinois Radiological Response Group Field Operations Section
Illinois Radiological Emergency Assessment Center
Illinois State Police

DeWitt County

City of Clinton
Clinton Fire Department
Clinton Police Department
DeWitt County Emergency Management Agency
DeWitt County Highway
DeWitt County Board
DeWitt County Health Department
DeWitt County Sheriff Department
Wapella Mayor
Warner Hospital

Macon County

Macon County Emergency Management Agency
Macon County Sheriff Department
Macon County Board Chair
Abbott Emergency Medical Service
Mutual Aid Box Alarm System Representative
Macon County Health Department
Macon County Highway Department
Macon County Emergency Medical Service
Decatur Fire Department
Decatur Police Department

McLean County

McLean County Emergency Management Agency
McLean County Sheriff's Office
Metcom Public Information Officer
McLean County Highway Department
Normal Police Department
Illinois State University Police Department
Illinois State University Emergency Management
McLean County Area Emergency Medical Service
Bloomington Police Department
McLean County Health Department

Piatt County

Piatt County Emergency Management Agency
Piatt County Sheriff's Office
Piatt County Highway Department
Kirby Medical

Private Organizations

Constellation-Clinton Nuclear Power Station
American Red Cross
Salvation Army

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
Illinois Site Specialist	Angela Cloutier	DHS/FEMA
Team Leader-DeWitt County	Curtis Williams	DHS/FEMA
Team Leader-Macon County	Todd Lawson	DHS/FEMA
Team Leader-McLean County	David Persaud	DHS/FEMA
Contractor Evaluator Support – Regional Coordinator	John Wills	REP Support Team
Contractor Scenario Technical Reviewer	John Wills	REP Support Team

Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
State of Illinois		
Illinois -ISP Troop 5-DCO Brief	Denny Wilford	REP Support Team
Illinois-ISP Troop 5-TAC	Ron Schmitt	REP Support Team
Illinois-ISP Troop 7-DCO Brief	Brian Reinhart	DHS/FEMA
Illinois-ISP Troop 7-TAC	Tom Gahan	REP Support Team
St. Mary’s Hospital Decatur-Hospital	David Persaud	DHS/FEMA
St. Mary’s Hospital Decatur-Ambulance	Curtis Williams	DHS/FEMA
DeWitt County		
Initial Warning Point	Anthony Adduci	DHS/FEMA
Emergency Operations Center	Bob Princic	REP Support Team
Emergency Operations Center	Terry Blackmon	REP Support Team
Emergency Operations Center TAC/DCO	Anthony Adduci	DHS/FEMA
Radio Station WBNQ	Debra Schneck	DHS/FEMA
Clinton Police Department TAC/DCO	Bob Princic	REP Support Team
Macon County		
Initial Warning Point	Danielle Coetzee	DHS/FEMA
Emergency Operations Center	Tom Gahan	REP Support Team
Emergency Operations Center	Ron Schmitt	REP Support Team

UNCLASSIFIED

Emergency Operations Center TAC/DCO	Danielle Coetzee	DHS/FEMA
McLean County		
Initial Warning Point	Roy Smith	REP Support Team
Emergency Operations Center	Todd Trygier	DHS/FEMA
Emergency Operations Center	Brett Beardsley	DHS/FEMA
Emergency Operations Center TAC/DCO	Roy Smith	REP Support Team
Piatt County		
Initial Warning Point	Marynette Herndon	REP Support Team
Emergency Operations Center	Brian Reinhart	DHS/FEMA
Emergency Operations Center	Denny Wilford	REP Support Team
Emergency Operations Center TAC/DCO	Marynette Herndon	REP Support Team
DeLand Weldon School District	Debra Schneck	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
chain of custody form[s]	chain-of-custody form[s] (use hyphens)
Clinton Nuclear Power Station	Clinton Nuclear Power Station (no abbreviation)
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)

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ACRONYM	DESCRIPTION
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)
sheriff’s office	Sheriff’s Department
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]
Acronyms	Acronyms Definitions Specific to Illinois Plan to be Used

UNCLASSIFIED

ACRONYM	DESCRIPTION
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

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ACRONYM	DESCRIPTION
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-OHS	Illinois Emergency Management Agency and Office of Homeland Security
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
MVK	Mazon-Verona-Kinsman
NARS	Nuclear Accident Reporting System
NIMS	National Incident Management System

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ACRONYM	DESCRIPTION
NWS	National Weather Service
OIC	Officer-in-Charge
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
VCOM	Vermillion Valley Regional Emergency Communications Joint Authority
VCOMM	misspelled, should be only one M
VHF	Very High Frequency
VOAD	Voluntary Organizations Active in Disasters

Appendix E: Onsite/Offsite Scenario Timeline

Scenario:

At 0815 Central Standard Time (CST), a fire occurs in a 138 kV substation in the town of Clinton. The fire causes 138 kV line voltage to drop far enough that it trips off on second level undervoltage. The Division 1 and 3 Emergency Diesel Generators (EDGs) start on undervoltage, but the Division 1 EDG will fail to start due to a failure in its electrical circuitry.

At **0825 CST**, a crop duster aircraft crashes into the Rising line which will trip it off and cause a loss of the north bus. Due to an extended delay in the tripping scheme of the switchyard breakers, the fault is perturbed through to the 4510-breaker resulting in a full loss of the South Ring Bus. This will result in a load reject trip of the Main Turbine, resulting in a Unit SCRAM. Conditions exist for the Emergency Classification Level (ECL) declaration of **ALERT** Emergency Action Level (EAL) M.A.1.

a. AC power capability to vital busses (1A1, 1B1) reduced to only one of the following power sources for ≥ 15 minutes.

- Emergency Reserve Auxiliary Transformer (ERAT)
- Reserve Auxiliary Transformer B (RAT B)
- Emergency Diesel Generator DG 1A
- Emergency Diesel Generator DG 1B

AND

b. ANY additional single power source failure will result in a loss of ALL AC power to Division I and II SAFETY SYSTEMS.

At **0925 CST**, the Division 2 EDG trips on overcurrent resulting in a Station Blackout Condition. Conditions exist for the ECL declaration of **SITE AREA EMERGENCY**, EAL M.S.1.

a. Loss of ALL offsite and onsite AC Power to vital busses 1A1 and 1B1.

AND

b. Failure to restore power to at least one vital bus (excluding Division III) in < 15 minutes from the time of loss of both offsite and onsite AC power.

At **1025 CST**, when power was momentarily restored, the large crane block above the fuel pool moved up for about 5 to 10 seconds, then dropped, snapping its cables as it reached to the bottom. The block smashed a significant amount of the fuel bundles in the pool, and bubbles resembling a fizzing soda are coming up from the bundles.

Power is successfully restored to the North Bus, allowing power indications to return to the Main Control Room (MCR) panels if breakers are still aligned to the Reserve Auxiliary Transformer (RAT). Ten seconds later, however, the breaker utilized to close into Clinton Power Station's Switchyard trips open on overcurrent returning the Site to Station Blackout Conditions. The MCR is informed that it will take at a minimum of 8 hours to repair damages sustained on the Grid due to the cascading faults. Conditions exist for the ECL declaration of **GENERAL EMERGENCY**, EAL M.G.1.

a. Loss of ALL offsite and onsite AC power to vital busses 1A1 and 1B1.

AND

b. EITHER of the following:

- Restoration of at least one vital bus (excluding Division III) in < 4 hours is not likely.

OR

- RPV water level cannot be restored and maintained > -187 inches.

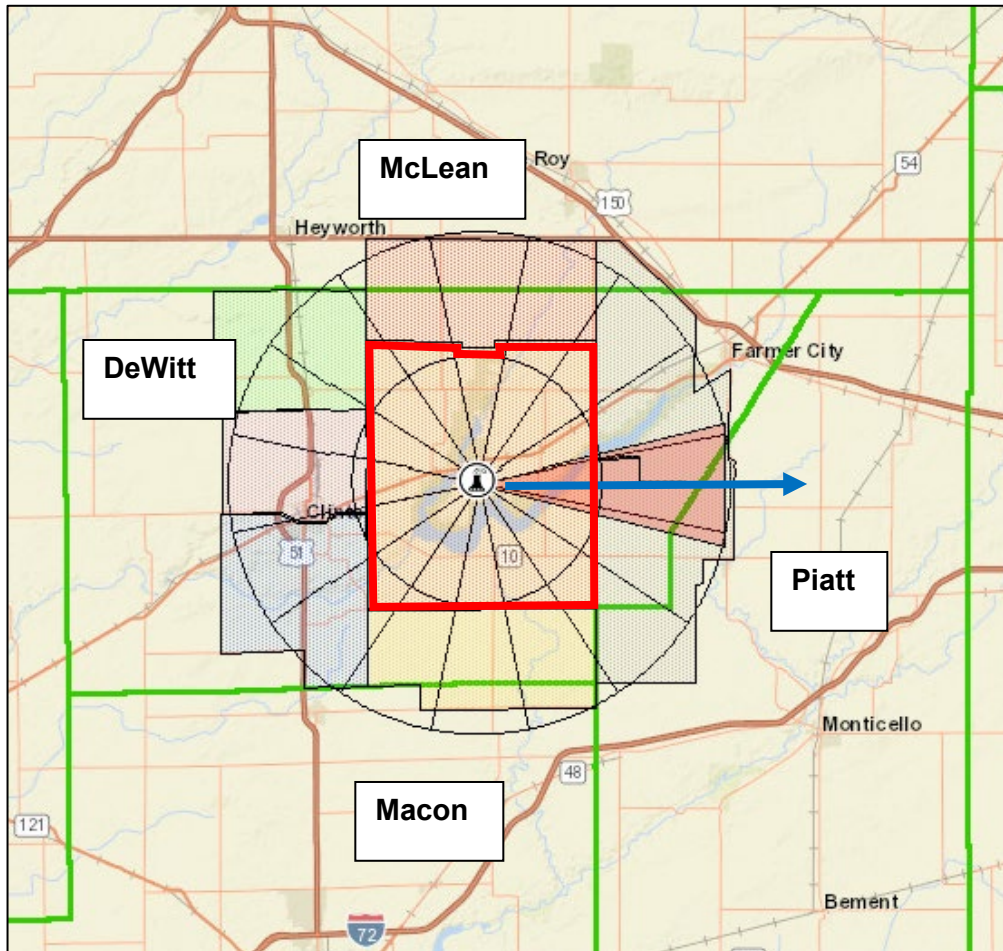
The **Licensee Protective Action Recommendation (PAR) of EVACUATE Sub-Area 1** is expected.

At 1030 CST, an air sample was taken in the vicinity of the Spent Fuel with results indicating an increase in airborne radioactivity. The Spent Fuel Pool water level is confirmed to be decreasing.

The Licensee portion of the exercise is expected to **TERMINATE** at **1200 CST**.

The release rates and Licensee Field Monitoring Team results at 1225 CST will exceed PAGs for TEDE beyond 1.5 miles and CDE Adult thyroid beyond 0.7 miles. This area is within Sub-Area 1.

Licensee PAR Area (Sub-Area 1). Arrow indicates wind direction (from 270°).



Appendix F: Extent-of-Play Agreements

Final Version



Nuclear Power Plant Exercise

Clinton Power Station

Radiological Emergency Preparedness (REP) Program Consolidated Extent-of-Play Agreement
for State of Illinois, DeWitt County, Macon County, McLean County, and Piatt County

Exercise Date: November 14th, 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 Clinton Power 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 DeWitt, Macon, McLean and Piatt 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, November 14th, 2023, from approximately 0800-1500 Central Standard Time (CST). DeWitt, Macon County, McLean and Piatt Counties will fully participate in this exercise. The State of Illinois will not be evaluated but will participate in a manner sufficient to support the demonstrations described in this EOP.

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

- County Initial Warning Point: Central Communications [CenCom] (DeWitt County), Central Illinois Regional Dispatch Center[CIRDC] (Macon County), Metro McLean Centralized Communications Center [METCOM] (McLean County), and Piatt County Emergency Telephone System Board [ETSB] (Piatt County)
- Emergency Operations Center [DeWitt County EOC, Macon County EOC, McLean County EOC, and Piatt County EOC]
- State Operations [formerly Communications] Center (Unevaluated), State Emergency Operations Center (SEOC)(U), Radiological Emergency Assessment Center (REAC)(U), and Joint Information Center (JIC)(U).

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.

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The schedule of activities including OROs, locations, dates, and times for In-Sequence, Field and Out-of-Sequence Play activities are summarized in Table 1 below. Additional information is provided in Section 4.

Table 1 – Schedule of Activities

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Activity	ORO/Location	Date/Time
Controller/Evaluator meeting	TBD	Monday, November 13th, 2023 2:00 PM – 3:00 PM

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Initial Notification (911, EONS and NARS)	DeWitt County CenCom, Macon County CIRDC, McLean County METCOM, and Piatt County ETSB IEMA OPS Center	Tuesday, November 14th, 2023 8:00 AM – 11:00 AM
EOC Operations	DeWitt County ESDA Macon County EMA McLean County EMA Piatt County EMA State Emergency Operations Center	Tuesday, November 14th, 2023 8:00 AM – 1:00 PM (Unevaluated)
School / Transportation Interview	DeLand Weldon School District	Wednesday, November 15th, 2023 9:00AM-10:30 AM (confirmed)
Emergency Worker Monitoring/Decontamination Center (EWDC)	NA	NA
Reception Center Evaluation	NA	NA
Congregate Care Center	NA	NA
Transportation and Treatment of Contaminated Injured Individuals	St. Mary's Hospital, Decatur	Wednesday, October 25th, 2023 1:00-3:30 PM (confirmed)

Activity	ORO/Location	Date/Time
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Traffic/Access Control (TACP)	DeWitt County Sheriff's Office @ DeWitt County EOC	<u>Tuesday, November 14th, 2023</u> (during Exercise)
	Macon County Sheriff's Office @ Macon County EOC	<u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM
	McLean County Sheriff's Office @ McLean County EOC	<u>Wednesday, November 15th, 2023</u> 11:30 AM – 12:30 PM (confirmed)
	Piatt County Sheriff's Office @ Piatt County EOC	
	Clinton Police Department @ Clinton PD HQ	9:00 - 10:00 AM (confirmed)
	IL State Police, Troop 7 (Pesotum)	
	IL State Police, Troop 5 (Pontiac)	

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.

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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, Clinton Station Plan, revised November 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:

- DeWitt County Emergency Services and Disaster Agency
- DeWitt County Sheriff's Office
- DeWitt Piatt Bi-County Health Department
- DeWitt County Board
- DeWitt County Highway Department
- Macon County Emergency Management Agency
- McLean County Emergency Management Agency
- McLean County Sheriff's Office
- McLean County Highway Department
- McLean County Health Department
- Piatt County 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 5 (Pontiac, IL) & Troop 7 (Pesotum, IL)
- WEZC/WBNQ/WBWN Radio
- American Red Cross

Section 3: Objectives and Exceptions

Objective 1: Emergency Operations Management

Capability Target 1.1: Mobilization - 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: DeWitt County intends to fully activate the County Emergency Operations Center (EOC) in Clinton, IL. Macon County intends to partially activate the County Emergency Operations Center (EOC) in Decatur, IL. McLean County intends to partially activate the County Emergency Operations Center (EOC) in Bloomington, IL. Piatt County intends to partially activate the County Emergency Operations Center (EOC) in Monticello, 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.	DeWitt County CenCom, Macon County CIRDC, McLean County METCOM, and Piatt County ETSB, DeWitt County EOC, Macon County EOC, McLean County EOC, Piatt County EOC IEMA OPS Center (U), 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.	DeWitt Count CenCom, State OPS Center (U)	No Exceptions
Identify and request additional resources, as needed.	DeWitt County EOC, Macon County EOC, McLean County EOC,	Exception: Agencies outside this EOP may be requested, but response will be simulated.

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Assessment	Venue	Extent of Play
	Piatt County EOC SEOC (U) (Unevaluated)	
Determine a facility is operational.	All Venues	No Exceptions

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

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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 DeWitt County EOC.

Assessment	Venue	Extent of Play
Support protective action decision-making.	DeWitt County EOC, Macon County EOC, McLean County EOC, Piatt County EOC SEOC (U) (Unevaluated) REAC (U) JIC (U)	No exceptions State: will issue a PAR via NARS to support county exercise play
Conduct briefings in a timely manner.	DeWitt County EOC, Macon County EOC, McLean County EOC, Piatt County EOC SEOC (U) (Unevaluated) REAC (U)	No Exceptions
Maintain Situational Awareness	All Venues	No Exceptions

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Assessment	Venue	Extent of Play
Coordinate response activities with other organizations.	DeWitt County EOC, Macon County EOC, McLean County EOC, Piatt County EOC SEOC (U) (Unevaluated) REAC (U) SEOC (U) (Unevaluated) REAC (U)	No Exceptions

Obtain resources to support emergency operations	DeWitt County EOC, Macon County EOC, McLean County EOC, Piatt County EOC 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.	DeWitt County EOC, Macon County EOC, McLean County EOC, Piatt County EOC SEOC (U) (Unevaluated) REAC (U)	No Exceptions

Capability Target 1.3: Protective Action Recommendations – 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), may also be discussed in DeWitt County EOC. REAC and SEOC will support County Exercise Play by providing PARs but will not be evaluated.

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Capability Target 1.4: Protective Action Decisions for the Plume Phase – 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 DeWitt 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 DeWitt and applicable areas of Macon, McLean and Piatt counties.

Assessment	Venue	Extent of Play
Coordinate and make PADs for members of the general public.	DeWitt County EOC	No Exceptions
Coordinate and make PADs for those with access and functional needs.	DeWitt County EOC	No specific PADs for access and functional needs
Coordinate and make PADs for students at schools.	DeWitt County EOC	Coordinated with the Regional Office of Education (ROE) Liaisons in DeWitt County (McLean-DeWitt ROE) and Macon County (Macon-Piatt ROE).
Coordinate and make subsequent or alternate PADs.	DeWitt County EOC	Only as needed if not directly driven by Utility-driven scenario.
Coordinate and make decisions on the administration of KI (where applicable) for the public and institutionalized members of the population.	State EOC REAC	State of IL doesn't recommend KI use for general public; counties responsible for coordination of institutionalized individuals in EPZ

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Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase – 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 DeWitt County EOC (McLean-Piatt ROE) and Macon County (Macon-Piatt ROE). Communications with school districts will be simulated.

Assessment	Venue	Extent of Play
Implement PADs, ensuring communication and coordination with all appropriate jurisdictions.	DeWitt County EOC Macon County EOC McLean County EOC Piatt County EOC DeLand Weldon School	See Exercise Parameters
Assist those with access and functional needs during the implementation of PADs.	DeWitt County EOC Macon County EOC McLean County EOC Piatt County EOC DeLand Weldon School	See Exercise Parameters
Communicate, coordinate, and implement protective actions for schools.	DeWitt County EOC Macon County EOC McLean County EOC Piatt County EOC DeLand Weldon School	See Exercise Parameters
Communicate with transportation officials.	DeWitt County EOC Macon County EOC McLean County EOC	See Exercise Parameters

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Assessment	Venue	Extent of Play
	Piatt County EOC DeLand Weldon School	
Identify evacuation routes for the general public.	DeWitt County EOC Macon County EOC McLean County EOC Piatt County EOC	See Exercise Parameters

Capability Target 1.6: Protective Action Decisions for the Post-Plume – 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: This CT will not be demonstrated or evaluated during this exercise.

Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase - 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: : This CT will not be demonstrated or evaluated during this exercise..

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Objective 2: Exposure Control

Capability Target 2.1: Emergency Worker Exposure Control Decision-Making Process - 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 county EOCs and out -of-sequence venues where applicable and may be demonstrated by interview/discussion.

Assessment	Venue	Extent of Play
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Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	DeWitt Co EOC	Exception: offsite workers onsite – Utility function and will not be evaluated. EW Dosimetry will be distributed but not worn in DeWitt Co EOC, one player will be evaluated via interview
Maintain record of dose as a result of exposure.	DeWitt Co EOC	Exception; will be discussed with participants, but will only be simulated documenting on dosimetry record cards during TAC/DCO demonstrations EW Dosimetry will be distributed but not worn in DeWitt Co EOC, one player will be evaluated via interview
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

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Assessment	Venue	Extent of Play
Process for considering occupational exposures and to authorize individuals to receive doses in excess of occupational dose limits.	Will not be demonstrated	The decision to authorize exceeding administrative limits is issued by the state and implemented at the county level
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 - 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

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Exercise Parameters: DRDs, PRDs and KI for emergency workers are pre-distributed and described in the DeWitt 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
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Maintain an appropriate inventory of DRDs that are leak-tested or current in calibration.	DeWitt Co EOC DeWitt County Sheriff's Office @ DeWitt County EOC Macon County Sheriff's Office @ Macon County EOC McLean County Sheriff's Office @ McLean County EOC Piatt County Sheriff's Office @ Piatt County EOC Clinton Police Department @ Clinton PD HQ IL State Police, Troop 7 (Pesotum) IL State Police, Troop 5 (Pontiac) DeLand Weldon School	In-service dosimetry not calibrated in field; annual leak test records will be made available EW Dosimetry will be distributed but not worn in DeWitt Co EOC, one player will be evaluated via interview <u>Tuesday, November 14th, 2023</u> (during Exercise) <u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM <u>Wednesday, November 15th, 2023</u> 11:30 AM – 12:30 PM (confirmed) 9:00 - 10:00 AM (confirmed) 9:00 – 10:00 AM (confirmed)
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Assessment	Venue	Extent of Play
Maintain an appropriate inventory of dosimetry.	DeWitt Co EOC	In-service dosimetry not calibrated in field; annual leak test records will be made available EW Dosimetry will be distributed but not worn in DeWitt Co EOC, one player will be evaluated via interview

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	<p>DeWitt County Sheriff's Office @ DeWitt County EOC</p> <p>Macon County Sheriff's Office @ Macon County EOC</p> <p>McLean County Sheriff's Office @ McLean County EOC</p> <p>Piatt County Sheriff's Office @ Piatt County EOC</p> <p>Clinton Police Department @ Clinton PD HQ</p> <p>IL State Police, Troop 7 (Pesotum)</p> <p>IL State Police, Troop 5 (Pontiac)</p> <p>DeLand Weldon School</p>	<p><u>Tuesday, November 14th, 2023</u> (during Exercise)</p> <p><u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM</p> <p><u>Wednesday, November 15th, 2023</u> 11:30 AM – 12:30 PM (confirmed)</p> <p>9:00 - 10:00 AM (confirmed)</p> <p>9:00 – 10:00 AM (confirmed)</p>
Retain an adequate supply of radioprotective drugs.	<p>DeWitt Co EOC</p> <p>DeWitt County Sheriff's Office @ DeWitt County EOC</p> <p>Macon County Sheriff's Office @ Macon County EOC</p> <p>McLean County Sheriff's Office @ McLean County</p>	<p>EW Dosimetry will be distributed but not worn in DeWitt Co EOC, one player will be evaluated via interview</p> <p><u>Tuesday, November 14th, 2023</u> (during Exercise)</p>

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Assessment	Venue	Extent of Play
	<p>EOC</p> <p>Piatt County Sheriff's Office @ Piatt County EOC</p> <p>Clinton Police Department @ Clinton PD HQ</p>	<p><u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM</p>

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	<p>IL State Police, Troop 7 (Pesotum)</p> <p>IL State Police, Troop 5 (Pontiac)</p> <p>DeLand Weldon School</p>	<p><u>Wednesday, November 15th, 2023</u></p> <p>11:30 AM – 12:30 PM (confirmed)</p> <p>9:00 - 10:00 AM (confirmed)</p> <p>9:00 – 10:00 AM (confirmed)</p>
<p>Adequately distribute appropriate Emergency Worker (EW) Dosimetry Kits (i.e., DRDs, DLRs, KI and Record Card)</p>	<p>DeWitt Co EOC</p> <p>DeWitt County Sheriff's Office @ DeWitt County EOC</p> <p>Macon County Sheriff's Office @ Macon County EOC</p> <p>McLean County Sheriff's Office @ McLean County EOC</p> <p>Piatt County Sheriff's Office @ Piatt County EOC</p> <p>Clinton Police Department @ Clinton PD HQ</p> <p>IL State Police, Troop 7 (Pesotum)</p>	<p>No Exception</p> <p>EW Dosimetry will be distributed but not worn in DeWitt Co EOC, one player will be evaluated via interview</p> <p><u>Tuesday, November 14th, 2023</u> (during Exercise)</p> <p><u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM</p> <p><u>Wednesday, November 15th, 2023</u></p> <p>11:30 AM – 12:30 PM (confirmed)</p>

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Assessment	Venue	Extent of Play
	<p>IL State Police, Troop 5 (Pontiac)</p> <p>DeLand Weldon School</p>	<p>9:00 - 10:00 AM (confirmed)</p> <p>9:00 – 10:00 AM (confirmed)</p>
<p>Adequately distribute radioprotective drugs to emergency workers.</p>	<p>All Venues</p>	<p>No Exception</p>

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Record and report exposures in the field.	DeWitt Co EOC	This item will be discussed with participants, but physical recording of readings on official documents will not be required.
	DeWitt County Sheriff's Office @ DeWitt County EOC Macon County Sheriff's Office @ Macon County EOC McLean County Sheriff's Office @ McLean County EOC Piatt County Sheriff's Office @ Piatt County EOC	EW Dosimetry will be distributed but not worn in DeWitt Co EOC, one player will be evaluated via interview <u>Tuesday, November 14th, 2023</u> (during Exercise)
	Clinton Police Department @ Clinton PD HQ	<u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM
	IL State Police, Troop 7 (Pesotum) IL State Police, Troop 5 (Pontiac)	<u>Wednesday, November 15th, 2023</u> 11:30 AM – 12:30 PM (confirmed) 9:00 - 10:00 AM (confirmed)
	DeLand Weldon School	9:00 – 10:00 AM (confirmed)

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Assessment	Venue	Extent of Play
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.	NA	Will not be demonstrated or evaluated for this exercise.
Emergency Worker, Just-In-Time (JIT) Training	n/a	Will not be demonstrated during this exercise

Objective 3: Alert and Notification

Capability Target 3.1: Communications - 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: DeWitt County will demonstrate multiple communications systems during an interview at the DeWitt County Initial Warning Point and during the EOC portion of the exercise. The State Operations Center will also transmit NARS content to DeWitt County via EONS (or land line as a backup system). 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.	DeWitt, Macon, McLean, and Piatt County EOCs and IWPs	Exceptions; state facilities will participate to support exercise play but will not be evaluated

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Assessment	Venue	Extent of Play
	State OPS Center Deland Weldon School	
Maintain periodic test results and corrective actions on a real time basis.	NA	

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Access at least one communication system that is independent of the commercial telephone system.	DeWitt, Macon, McLean, and Piatt County EOCs and IWPs State OPS Center DeWitt County Sheriff's Office @ DeWitt County EOC Macon County Sheriff's Office @ Macon County EOC McLean County Sheriff's Office @ McLean County EOC Piatt County Sheriff's Office @ Piatt County EOC Clinton Police Department @ Clinton PD HQ IL State Police, Troop 7 (Pesotum) IL State Police, Troop 5 (Pontiac) DeLand Weldon School	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.	DeWitt, Macon, McLean, and Piatt County EOCs and IWPs State OPS Center	No Exceptions
Identify and address any failures of the systems.	DeWitt, Macon, McLean, and Piatt County EOCs	No Exceptions

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Assessment	Venue	Extent of Play
	and IWPs State OPS Center	

Transmit, receive, and understand messages (i.e., “content check”).	DeWitt, Macon, McLean, and Piatt County EOCs and IWPs IEMA OPS Center	During Communications interview, and/or demonstrated during exercise play.
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Capability Target 3.2: Alert and Notification of the Public - 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 DeWitt 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 DeWitt County and Macon/McLean/Piatt Counties where applicable based on the exercise scenario. 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.	DeWitt County EOC DeWitt County Initial Warning Point WBWN/WJBC/WBNQ Radio	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)

Assessment	Venue	Extent of Play
ALERT AND NOTIFICATION SYSTEM: Alert and notify the general public. – (Subsequent Alerts)	DeWitt County EOC WBWN/WJBC/WBNQ Radio	Same as above.

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ALERT AND NOTIFICATION SYSTEM: Identify and address any failures of the system(s) or portion of a system(s).	DeWitt County EOC WBWN/WJBC/WBNQ 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)	DeWitt 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. -	DeWitt County EOC	No Exception
PRIMARY ALERT NOTIFICATION SYSTEM: Ensure that updated emergency information is disseminated in a timely manner.	DeWitt County EOC	No Exception
PRIMARY ALERT NOTIFICATION SYSTEM: Ensure that current emergency information is repeated at pre-established intervals.	DeWitt 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	DeWitt County EOC	Exception: By interview with DeWitt County EMA Director or designee.

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Assessment	Venue	Extent of Play
verification of the message, if applicable.		

EAS/NWS STATION: Broadcast the message on a 24-hour basis.	NA	No Exception
ROUTE/ALTERNATE ALERTING	DeWitt County EOC	Alternative notification via IPAWS interview/demo; counties do not perform route alerting.

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Capability Target 3.3: Emergency Information and Instructions for the Public and News Media: - 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: DeWitt 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.	DeWitt County EOC Joint Information Center	No Exception JIC located at SEOC
PLUME PHASE: Provide clear, concise, accessible messaging using plain language.	DeWitt County EOC Joint Information Center	No Exception JIC located at SEOC
PLUME PHASE: Messaging addresses appropriate cultural and linguistic considerations.	NA	Exception: DeWitt, Macon, McLean and Piatt Counties 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.	DeWitt County EOC JIC	No Exception JIC located at SEOC

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	DeWitt County EOC Joint Information Center	County PIO will provide updated information to the JIC (or JIC SIMCELL), and/or local media briefings. JIC located at SEOC
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Assessment	Venue	Extent of Play
of evacuation routes due to impediments, etc.).		
PLUME PHASE: Respond to media and public inquiries.	DeWitt County EOC	No Exception
POST-PLUME PHASE: Rapidly disseminate of ingestion exposure pathway information to predetermined individuals and businesses. (IPX)	NA	
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)	n/a	Will not be demonstrated or evaluated during this exercise

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
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Field Monitoring Teams (FMTs) are managed to obtain information to help characterize the release, locate and track airborne radiological plume, and control contamination	N/A	RRG FMT will deploy for training purposes (to location TBD) and to support exercise play only. RRG will not be evaluated.
FMTs make, record and report measurements of ambient radiation to appropriate authorities;	N/A	RRG FMT will deploy for training purposes (to location TBD) and to support exercise play only. RRG will not be evaluated.

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Assessment	Venue	Extent of Play
radioiodine and particulate samples are collected.		
FMTs take measurements and samples to support assessment of the ingestion exposure pathway and to support reentry, relocation and return decisions.	N/A	RRG FMT will deploy for training purposes (to location TBD) and to support exercise play only. RRG will not be evaluated.
The laboratory performs radiological analyses to support protective action decision-making.	N/A	The IEMA Radiochemistry lab will not be evaluated for this exercise.
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.

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Objective 5: Operate

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

- *This capability will not be demonstrated or evaluated during this exercise.*

Assessment	Venue	Extent of Play
Set up operations:	NA	NA
Operationally check instruments and equipment.	NA	NA
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.	NA	NA
MONITORING: Monitor evacuees, service animals, pets, vehicles, and possessions.	NA	NA

Assessment	Venue	Extent of Play
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Utilize trigger/action levels for determining the need for decontamination.	NA	NA
DECONTAMINATION: Decontaminate evacuees, and personal belongings, while limiting the spread of contamination.	NA	NA
DECONTAMINATION: Follow-up with any evacuee(s) who cannot be appropriately decontaminated for assessment; ensure the capability to provide evacuee-referrals.	NA	NA
VEHICLES: Monitor and decontaminate vehicles.	NA	NA
VEHICLES: Provide adequate, separate space for both contaminated and non-contaminated vehicles.	NA	NA
VEHICLES: Monitor evacuees and their vehicles for contamination.	NA	NA
VEHICLES: Decontaminate evacuee vehicles based on trigger/action levels.	NA	NA
SHELTERING AND CONGREGATE CARE: Coordinate for incoming evacuees who have been monitored and, if necessary, decontaminated.	NA	NA
SHELTERING AND CONGREGATE CARE: Establish shelter operations.	NA	NA
SHELTERING AND CONGREGATE CARE: Congregate care centers and	NA	NA

operations in host/support jurisdictions are sufficient to support the expected number of evacuees.		
REGISTRATION: Register evacuees.	NA	NA
REGISTRATION: Ensure the registration area is clean and controlled.	NA	NA

Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles

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:	NA	NA
Operationally check instruments and equipment.	NA	Will not be demonstrated during this exercise
Monitor emergency worker personnel and their equipment and vehicles for contamination.	NA	Will not be demonstrated during this exercise
Decontaminate emergency worker personnel and their equipment and	NA	Will not be demonstrated during this exercise

Assessment	Venue	Extent of Play
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vehicles based on trigger/action levels.		
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 monitoring and decontamination activities.	NA	Will not be demonstrated during this exercise
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 - 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 St. Mary's Hospital in Decatur on October 25th, 2023.

Capability Target 5.4: Traffic and Access Control - 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 IL State Police, Troop 5 headquarters, IL State Police Troop 7 headquarters and Clinton 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.	DeWitt County Sheriff's Office Macon County Sheriff's Office McLean County Sheriff's Office Piatt County Sheriff's Office Clinton Police Department @ Clinton PD HQ IL State Police, Troop 7 (Pesotum) IL State Police, Troop 5 (Pontiac)	Exception: By interview with law enforcement officers in each county EOC and may require "what if" questions if scenario doesn't drive play, or if done out-of-sequence to exercise play. <u>Tuesday, November 14th, 2023(during Exercise)</u> <u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM <u>Wednesday, November 15th, 2023</u> 11:30 AM – 12:30 PM (confirmed) 9:00 - 10:00 AM (confirmed)
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.	DeWitt County Sheriff's Office Macon County Sheriff's Office McLean County Sheriff's Office Piatt County Sheriff's Office	Exception: By interview with law enforcement officers in each county EOC and may require "what if" questions if scenario doesn't drive play, or if done out-of-sequence to exercise play. <u>Tuesday, November 14th, 2023</u> (during Exercise)

Assessment	Venue	Extent of Play
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	Clinton Police Department @ Clinton PD HQ IL State Police, Troop 7 (Pesotum) IL State Police, Troop 5 (Pontiac)	<u>Tuesday, November 14th, 2023</u> 2:00 – 3:00 PM <u>Wednesday, November 15th, 2023</u> 11:30 AM – 12:30 PM (confirmed) 9:00 - 10:00 AM (confirmed)
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
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.	DeWitt County EOC Macon County EOC McLean County EOC Piatt County EOC	No Exception
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.	DeWitt 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.	NA	Will not be demonstrated or evaluated during this exercise.
Authorize reentry of individuals into the restricted areas.	NA	Will not be demonstrated or evaluated during this exercise.
Establish exit procedures.	N A	Will not be demonstrated or evaluated during this exercise.

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

MONDAY November 13, 2023

PRE-EXERCISE MEETING		
Address:	Courtyard Marriott Hotel – Bloomington-Normal	
	310A Greenbriar Drive Normal, IL 61761	
Contact:	Angela Cloutier	
Telephone:	312-203-8368	
Action Location:		
Date:	Monday, November 13, 2023	
Time:	2:00 p.m. – 3:00 p.m.	

TUESDAY November 14, 2023

INITIAL NOTIFICATION – DeWitt County CenCom		
Address:	DeWitt County Sheriff’s Office 101 W. Washington Clinton, IL 61727	
Contact:	Brad Clearwater	
Telephone:	217/685-0139	
Action Location:	CenCom co-located at DeWitt Co Sheriff’s Office	
Date:	Tuesday, November 14, 2023	
Time:	8:00 a.m. – 10:00 a.m.	
INITIAL NOTIFICATION – Macon County Central Illinois Regional Dispatch Center [CIRDC]		
Address:	1078 W. Rotary Way Decatur, IL	
Contact:	Kevin Sledge	
Telephone:	217-786-7759	
Action Location:		
Date:	Tuesday, November 14, 2023	
Time:	8:00 a.m. – 10:00 a.m.	
Kris		

INITIAL NOTIFICATION – McLean County METCOM		
	2411 E. Empire Street	

UNCLASSIFIED

Address	Bloomington, IL 61704	
Contact	Kristi Poggemiller	
Telephone	(217) 816-3452	
Action Location	METCOM located near Bloomington Regional Airport	
Date:	Tuesday, November 14, 2023	
Time:	8:00 a.m. – 10:00 a.m.	

INITIAL NOTIFICATION – Piatt County ETSB		
Address:	Piatt County Sheriff's Office 1216 Raymond Road Monticello, IL 61856	
Contact:	Tolly Knezevich	
Telephone:	217-685-3494	
Action Location:		
Date:	Tuesday, November 14, 2023	
Time:	8:00 a.m. – 10:00 a.m.	

DeWitt County EOC – DeWitt County EMA		
Address:	DeWitt County Building 201 W. Washington Street Clinton, IL 61727	
Contact:	Brad Clearwater	
Telephone:	217-685-0139	
Action Location:		
Date:	Tuesday, November 14, 2023	
Time:	10:00 a.m. – 1:00 p.m.	

Macon County EOC – Macon County EMA		
Address:	Macon County EMA 282 E. Macon Street Decatur, IL 62523	
Contact:	Dave Martin	
Telephone:	217-993-1102	
Action Location:	Macon County EMA located in same building as Sheriff's Office, but accessible directly from street entrance.	
Date:	Tuesday, November 14, 2023	
Time:	8:00 a.m. – 1:00 p.m.	

McLean County EOC – McLean County EMA		
Address:	McLean County Building 104 W. Front Street B10	

UNCLASSIFIED

	Bloomington, IL 61701	
Contact:	Cathy Beck	
Telephone:	309/838-9924	
Action Location:	EMA & EOC Located in basement of county building	
Date:	Tuesday, November 14, 2023	
Time:	8:00a.m. – 1:00 p.m.	

Radio Station – WEZC/WBNQ/WBWN		
Address:	WRHL Radio 236 Greenwood Avenue Bloomington, IL 61704	
Contact:	Kristi Poggemiller	
Telephone:	(217) 816-3452	
Action Location:		
Date:	Tuesday, November 14, 2023	
Time:	8:15 a.m. – 11:00 a.m.	

Piatt County EOC – Piatt County EOC		
Address:	Piatt County Sheriff's Office 1216 Raymond Road Monticello, IL 61856	
Contact:	Tolly Knezevich	
Telephone:	217-685-3494	
Action Location:		
Date:	Tuesday, November 14, 2023	
Time:	8:00a.m. – 1:00 p.m.	

TRAFFIC & ACCESS CONTROL – Clinton Police Department		
Address:	Clinton Police Department Headquarters 118 W. Washington Street #1 Clinton, IL 61727	
Contact:	Brad Clearwater	
Telephone:	217-685-0139	
Action Location:		
Date:	Tuesday, November 14, 2023	
Time:	2:00 p.m. – 3:00 p.m.	

WEDNESDAY November 15th, 2023

TRAFFIC & ACCESS CONTROL – Illinois State Police, Troop 7 (Pesotum Facility)
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Address:	ISP TROOP 7 Headquarters US-45, Pesotum, IL	
Contact:	Tolly Knezevich	
Telephone:	217-685-3494	
Action Location:	Located at US-45 and Interstate 57 (look for antenna)	
Date:	Wednesday, November 15, 2023	
Time:	11:30a.m. – 12:30 p.m.	

TRAFFIC & ACCESS CONTROL – Illinois State Police, Troop 5

Address:	ISP Troop 5 Headquarters 800 S Old Airport Rd, Pontiac, IL 61764	
Contact:	Brad Clearwater	
Telephone:	217-685-0139	
Action Location:		
Date:	Wednesday, November 15, 2023	
Time:	9:00 - 10:00 AM	

FRIDAY November 17, 2023**PARTICIPANT BRIEFING – DeWitt County EOC**

Address	201 W. Washington Street Clinton, IL 61727	
Contact	Bill Conway	
Telephone	217-414-9745	
Action Location		
Date:	Friday, November 17th, 2023	
Time:	10:00 a.m. – 10:45 a.m.	

PUBLIC/MEDIA BRIEFING – DeWitt County EOC

Address	201 W. Washington Street Clinton, IL 61727	
Contact	Bill Conway	
Telephone:	217-414-9745	

Action Location:	Same as above	
Date:	Friday, November 17th, 2023	
Time:	11:00 a.m. – 11:45 a.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
CST	Central Standard 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 T7	Illinois State Police, Troop 7
ISP T5	Illinois State Police, Troop 5
IWP	Initial Warning Point
JIC	Joint Information Center
MABAS	Mutual Aid Box Alarm System
ORO	Offsite Response Organization
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
TACP	Traffic/Access Control Point

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