



Nuclear Power Plant Exercise

LaSalle County Generating Station

Radiological Emergency Preparedness Exercise

Radiological Emergency Preparedness Program

Final After-Action Report/Improvement Plan

Exercise Date: November 15, 2022

Report Date: January 19, 2023



FEMA

Table of Contents

Executive Summary	1
Section 1: Exercise Overview	2
Section 2: Exercise Design Summary	3
2.1 Exercise Purpose	3
2.2 Exercise Core Capabilities	3
Section 3: Analysis of Capabilities	6
3.1 Exercise Evaluation and Results	6
Table 3.1.1 Summary of Exercise Evaluation - State of Illinois In-Sequence Activity	7
Table 3.1.2 Summary of Exercise Evaluation - State of Illinois Out-of-Sequence Activity	8
Table 3.1.4 Summary of Exercise Evaluation - LaSalle County In-Sequence Activity	9
Table 3.1.5 Summary of Exercise Evaluation - LaSalle County Out-of-Sequence Activity	10
3.2 Detailed Results of Exercise Evaluation	11
3.2.1 State of Illinois In-Sequence	11
3.2.1.1 Initial Warning Point	11
3.2.1.2 Emergency Operations Center	11
3.2.1.3 Emergency Operations Center - Hotline/Rumor Control	12
3.2.1.4 Joint Information Center	13
3.2.1.5 Radiological Emergency Assessment Center	13
3.2.2 State of Illinois Out-of-Sequence	15
3.2.2.1 Illinois State Police District 17 DCO Briefing/Interview	15
3.2.2.2 Illinois State Police District 17 TACP	15
3.2.4 LaSalle County In-Sequence	16
3.2.4.1 Initial Warning Point	16
3.2.4.2 Emergency Operations Center	16
3.2.4.3 Staging Area ICP/JIT	18
3.2.4.4 Incident Command Post	19
3.2.4.5 Sheriff's Dept. in EOC	20
3.2.4.6 WCMY Radio Station	21
3.2.5 LaSalle County Out-of-Sequence	21
3.2.5.1 Ottawa Police Department DCO	21
3.2.5.2 Ottawa Police Department TACP	22
3.2.5.3 Grand Ridge School	22
Section 4: Conclusion	23

Section 5: Improvement Plan	24
Appendix A: Exercise Timeline.....	25
Appendix B: Participating Organizations.....	26
Appendix C: Evaluation Team.....	27
Appendix D: Acronyms and Abbreviations	28
Appendix E: Onsite/Offsite Scenario Timeline.....	31
Appendix F: Extent-of-Play Agreements	38

Executive Summary

On November 15, 2022, the United States Department of Homeland Security, Federal Emergency Management Agency (DHS/FEMA) Region 5 Radiological Emergency Preparedness Program evaluation team evaluated the LaSalle County Generating Station's Partial-Participation, Plume Exposure Pathway, Hostile Action Based, Radiological Emergency Preparedness Exercise in the 10-mile Emergency Planning Zone for the LaSalle County Generating Station. The LaSalle County Generating Station was located in LaSalle 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 LaSalle County Generating Station. This exercise was conducted in accordance with the DHS/FEMA policies and guidance concerning the exercise of State and local radiological emergency response plans and procedures. The previous federally evaluated exercise at this site was conducted on November 17, 2020. The qualifying emergency preparedness exercise was conducted on December 4, 1980.

Officials and representatives from the State of Illinois and the risk county of LaSalle, 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 2022 LaSalle County Generating Station Exercise.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Approximately 325 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	2022 LaSalle County Generating Station Radiological Emergency Preparedness Exercise	
Type of Exercise	Partial Participation, Plume Exposure Pathway, Hostile Action Based, Radiological Emergency Preparedness Exercise	
Exercise Date	November 15, 2022	
Out of Sequence Date(s)	November 16, 2022	
Program	Radiological Emergency Preparedness Program	
FINAL Scenario Submittal to DHS/FEMA	September 15, 2022	
FINAL Extent-of-Play Agreement Submittal to DHS/FEMA	October 14, 2022	
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 LaSalle County Emergency Management Agency Constellation (LaSalle County Generating Station)	
DHS/FEMA Exercise Evaluation Leadership Team	Sean O'Leary, Regional Assistance Committee (RAC) Chair Stephen Tulley, Exercise Director Ed Golinski, Assistant Director Angela Cloutier, Site Specialist	

Section 2: Exercise Design Summary

2.1 Exercise Purpose

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

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

2.2 Exercise Core Capabilities

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

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

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

These core capabilities, when successfully demonstrated, meet the exercise objectives. The objectives for this exercise were as follows:

- **Objective 1:** Emergency Operations Management
- **Objective 2:** Exposure Control
- **Objective 3:** Alert and Notification
- **Objective 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 15, 2022, Partial-Participation, Plume Exposure Pathway, Hostile Action Based, Radiological Emergency Preparedness Exercise, and out of sequence activities conducted the week of November 14-18, 2022.

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

SITE: LaSalle County Generating Station DATE: November 15, 2022 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 - Hotline/Rumor Control	Joint Information Center	Radiological Emergency Assessment Center
Objective 1: Emergency Operations Management Capability Targets					
1.1: Mobilization	M	M	NA	M	M
1.2: Direction and Control	NA	M	NA	M	M
1.3: Protective Action Recommendations	NA	M	NA	NA	M
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA	M
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets					
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	M
2.2: Emergency Worker Exposure Control Management	NA	NA	NA	NA	NA
Objective 3: Alert and Notification Capability Targets					
3.1: Communications	M	M	NA	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	M	M	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets					
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets					
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	NA	NA

Table 3.1.2 Summary of Exercise Evaluation - State of Illinois Out-of-Sequence Activity

SITE: LaSalle County Generating Station DATE: November 16, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Illinois State Police District 17 DCO Briefing/Interview
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 - LaSalle County In-Sequence Activity

SITE: LaSalle County Generating Station DATE: November 15, 2022 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	Staging Area ICP/JIT	Incident Command Post	Sheriff Dept. in EOC	WCMY/WRKX Radio Station
Objective 1: Emergency Operations Management Capability Targets						
1.1: Mobilization	M	M	M	M	NA	NA
1.2: Direction and Control	NA	M	NA	M	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	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	M	M	M	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	M	NA	M	NA
Objective 3: Alert and Notification Capability Targets						
3.1: Communications	M	M	M	M	M	NA
3.2: Alert and Notification of the Public	NA	M	NA	NA	NA	M
3.3: Emergency Information and Instructions Public and News Media	NA	M	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	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	M	M	NA

Table 3.1.5 Summary of Exercise Evaluation - LaSalle County Out-of-Sequence Activity

SITE: LaSalle County Generating Station DATE: November 16, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Ottawa Police Department DCO	Ottawa Police Department TACP	Grand Ridge School
Objective 1: Emergency Operations Management Capability Targets			
1.1: Mobilization	NA	NA	NA
1.2: Direction and Control	NA	NA	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	NA	M
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	NA	NA
2.2: Emergency Worker Exposure Control Management	M	NA	M
Objective 3: Alert and Notification Capability Targets			
3.1: Communications	M	NA	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	M	NA

3.2 Detailed Results of Exercise Evaluation

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

3.2.1 State of Illinois In-Sequence

3.2.1.1 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.

3.2.1.2 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: 1.3 Protective Action Recommendations

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: 1.4 Proactive Action Decisions for the Public

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: 3.1 Communication

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

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

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

Capability Target: 3.3 Emergency Information and Instructions for the Public and News Media

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.1.3 Emergency Operations Center - Hotline/Rumor Control

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.

3.2.1.4 Joint Information 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: 3.1 Communication

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

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

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

Capability Target: 3.3 Emergency Information and Instructions for the Public and News Media

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.1.5 Radiological Emergency Assessment 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: 1.3 Protective Action Recommendations

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: 1.4 Proactive Action Decisions for the Public

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

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

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

Capability Target: 2.1 Emergency Worker Exposure Control Decision-Making Process

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

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

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

Capability Target: 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 State of Illinois Out-of-Sequence

3.2.2.1 Illinois State Police District 17 Dosimetry Control Officer Briefing/Interview

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

3.2.2.2 Illinois State Police District 17 Traffic and Access Control Point

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 LaSalle 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: 1.4 Proactive Action Decisions for the Public

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 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: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

Capability Target: 3.3 Emergency Information and Instructions for the Public and News Media

Core Capabilities: Public Information and Warning; Planning

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

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

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.4.3 Staging Area Incident Command Post/Just In Time Training

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 2.1 Emergency Worker Exposure Control Decision-Making Process

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

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

3.2.4.4 Incident Command Post

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, 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: 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.

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.

3.2.4.5 Sheriff's Dept. in Emergency Operations Center

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 5.4 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.

3.2.4.6 WCMY Radio Station

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.5 LaSalle County Out-of-Sequence

3.2.5.1 Ottawa Police Department Dosimeter Control Officer

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

3.2.5.2 Ottawa Police Department Traffic and Access Control Points

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.5.3 Grand Ridge School

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 and LaSalle County 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 LaSalle County Generating Station.

Based on the results of this exercise and DHS/FEMA review of the 2021 Annual Letter of Certification submitted by the State of Illinois the offsite radiological emergency response plans and preparedness of the State of Illinois and LaSalle County 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 LaSalle County Generating Station granted on December 4, 1980, will remain in effect.

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 15, 2022, LaSalle County Generating Station Partial Participation, Plume Exposure Pathway, Hostile Action Based, 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 LaSalle County Generating 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 or LaSalle County during the 2022 LaSalle County Generating Station Exercise.

Appendix A: Exercise Timeline

~ All times are in Central Standard Time ~

Emergency Classification Level or Event	Time Utility Declared	SEOC	REAC	LaSalle County	ICP
Unusual Event (end of verification call for ECLs)	N/A	N/A	N/A	N/A	N/A
Alert	0809	0817	0826	0820	0811
Site Area Emergency	0826	0833	0848	0835	0916
General Emergency	0932	0943	0936	0941	0937
Release of Radioactive Material Started	0921	0926	0926	1007	0928
Release of Radioactive Material Terminated	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0845	0852	0820	0837
Declaration of State/Local Emergency		0914	N/A	0938	N/A
Exercise Termination		1230	1230	1334	1223
Early Precautionary Action Decision: <The State issued an order to evacuate state parks and hunting areas.>		N/A	N/A	N/A	N/A
Early Precautionary Action Decision: <The State made a decision not to issue a Livestock Advisory within the 10-mile EPZ.>		0917	0917	N/A	N/A
Early Precautionary Action Decision: <The state issued Air, water, and rail traffic within 5/10 miles of LaSalle Station restricted.>		N/A	N/A	N/A	N/A
Early Precautionary Action Decision: <Evacuate Schools and/or Special Populations.>		N/A	N/A	0826	0845
General Information Message: <Public advised of incident at LaSalle County Generating Station>		N/A	N/A	0850	N/A
Siren Activation:		N/A	N/A	N/A	N/A
General Information Message via IPAWS:		N/A	N/A	0851	N/A
Protective Action Recommendation Shelter-in-Place 10-mile EPZ (Non-radiological) :		N/A	N/A	N/A	N/A
Protective Action Decision 10-mile EPZ:		N/A	N/A	0918	N/A
Siren Activation:		N/A	N/A	0920	N/A
EAS Message:		N/A	N/A	0923	N/A
Protective Action Recommendation Shelter in Place Sub-Areas: 1, 2, 3, 4		1004	0954	1006	N/A
Protective Action Decision:		N/A	N/A	1018	N/A
Siren Activation:		N/A	N/A	1030	N/A
EAS Message:		N/A	N/A	1034	N/A
KI Administration Emergency Workers and Immobile Populations Decision (SEOC/REAC)/Implementation (Did not recommend KI)		N/A	0936	N/A	N/A

Appendix B: Participating Organizations

State of Illinois

Illinois Emergency Management Agency
Illinois Environmental Protection Agency
Illinois Radiological Response Group Field Operations Section
Illinois Department of Transportation Aeronautics
Illinois Department of Transportation Highway
Illinois Operations Field Engineer
Illinois Department of Public Health
Illinois Department of Natural Resources
Illinois District Biologist
Illinois State Police
Illinois National Guard
Illinois Department of Agriculture
Illinois Department of Environmental Protection Agency
Statewide Terrorism Intelligence Center
Business Emergency Operations Center

Grundy County

Grundy County Emergency Management Agency

LaSalle County

City of Marseilles Fire Department
City of Marseilles Police Department
City of Streator Fire Department
LaSalle County Emergency Management Agency
LaSalle County 9-1-1
LaSalle County Board Chairman
LaSalle County GIS
LaSalle County Health Department
LaSalle County Highway
LaSalle County IT
LaSalle County Radio Amateur Civil Emergency Services
LaSalle County Sheriff's Department
Mutual Aid Box Alarm System
Ottawa Police Department
Regional Office of Education
Village of Seneca
WCMY/WRKX

Private Organizations

Constellation
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- State of Illinois	Curtis Williams	DHS/FEMA
Team Leader – LaSalle County	David Persaud	DHS/FEMA
Contractor Evaluator Support – Regional Coordinator	John Wills	ICFI
Contractor Scenario Technical Reviewer	John Wills	ICFI

Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
State of Illinois		
Illinois -ISP HQ 17-DCO Brief	Deborah Blunt	ICFI
Illinois-ISP HQ 17-TACP	Karl Rabenhorst	DHS/FEMA
Illinois State-Initial Warning Point	Teresa Engelhart	ICFI
Illinois State-EOC	Thomas Gahan	ICFI
Illinois State-EOC	James King	DHS/FEMA
Illinois State-EOC Hotline/Rumor Control	Teresa Engelhart	ICFI
Illinois State-Joint Information Center	Todd Genskie	DHS/FEMA
Illinois State-Radiological Emergency Assessment Center	John Wills	ICFI
Illinois State-Radiological Emergency Assessment Center	Marcy Campbell	ICFI
LaSalle County		
La Salle County-Initial Warning Point	Brian Reinhart	DHS/FEMA
LaSalle County-EOC	Gary Bolender	ICFI
LaSalle County-EOC	Bart Ray	ICFI
LaSalle County-EOC	John Wiecejorek	ICFI
LaSalle County-EOC	Brian Reinhart	DHS/FEMA
LaSalle County-Staging Area	Todd Lawson	DHS/FEMA
LaSalle County-Incident Command Post	Brett Beardsley	DHS/FEMA
LaSalle County-Incident Command Post	Ed Diaz	DHS/FEMA
LaSalle County-TAC/DCO in EOC	Deborah Blunt	ICFI
LaSalle County-Radio Station	Steve Watts	ICFI
LaSalle County- DCO at Ottawa Police Department	Michael Burriss	ICFI
LaSalle County-TACP at Ottawa Police Department	Ed Diaz	DHS/FEMA
LaSalle County-EV-2 Grand Ridge School	Steve Watts	ICFI

Appendix D: Acronyms and Abbreviations

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
EPID	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

UNCLASSIFIED

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

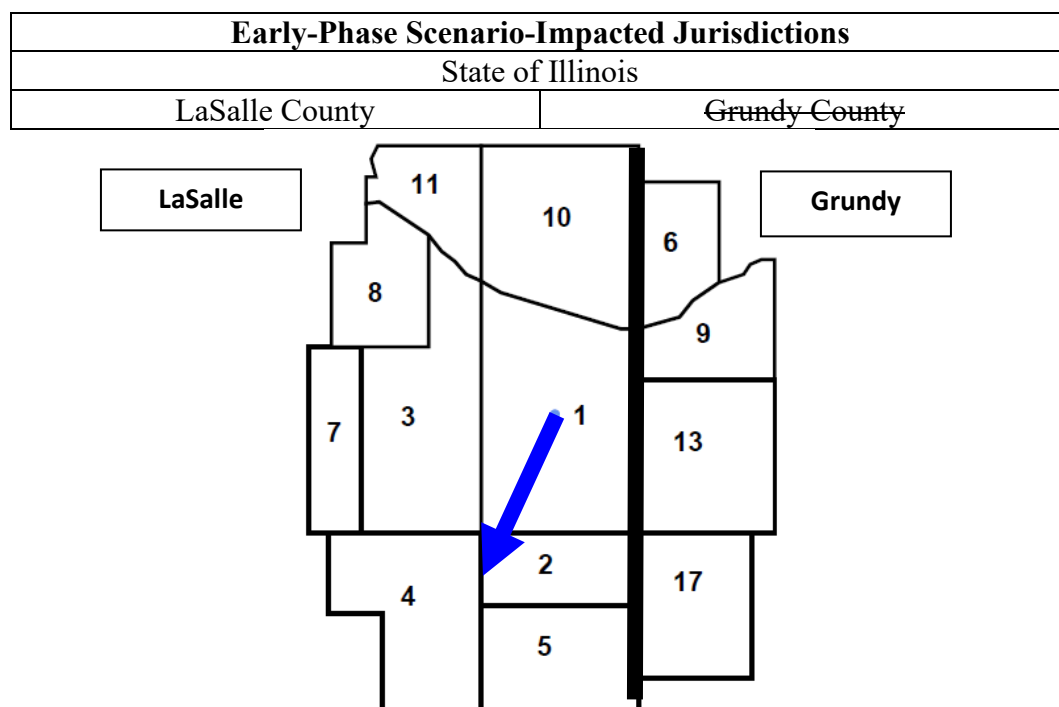
UNCLASSIFIED

NIMS	National Incident Management System
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

The LaSalle Station, Units 1 and 2, is located on a 3,060-acre site in Brookfield Township, four miles west of the LaSalle and Grundy Counties line. The 10-mile Emergency Planning Zone (EPZ) extends outward in all directions from the LaSalle Station and impacts portions of LaSalle and Grundy Counties. The 10-mile EPZ is divided into 13 Sub-Areas, numbered 1 – 11, 13, and 17. Sub-Areas 1 – 5, 7, 8, 10, and 11 are located in LaSalle County. Sub-Areas 6, 9, 13, and 17 are located in Grundy County.

The initial and only expected Early-Phase Licensee Protective Action Recommendation (PAR) in this scenario will affect LaSalle County - **Shelter Sub-Areas 1, 2, and 3** at the General Emergency ECL.



- **Expected offsite actions are consistent with the Extent-of-Play Agreements.**

The scenario involves a minor radioactive release from the Licensee. The initial Licensee PAR is expected to be SHELTER Sub-Areas 1, 2, and 3. This PAR will affect LaSalle County only. Activation of the Alert and Notification System (ANS) will be expected.

Licensee Protective Action Recommendation Summary		
Time	LaSalle	Grundy
0930	1, 2, 3	N/A

Per the Illinois Plan for Radiological Incidents (IPRI) and the RTF-PAR-2 (KI PARs) procedure, at a projected thyroid dose of 5 rem Committed Dose Equivalent (CDE), the Radiological Emergency Assessment Center (REAC) in Springfield should recommend that all facilities within the 10-mile EPZ that are incapable of timely evacuation (e.g., hospitals and nursing homes) consider administering potassium iodide (KI) to all individuals in the facility. The REAC should also recommend at that time that emergency workers in the EPZ take KI, and that the members of the general public within the EPZ that have KI in their possession for such a contingency are advised to consider use of the drug through the Joint Information Center (JIC). The use of KI, however, is voluntary. Supplies for all emergency workers and special facilities are pre-distributed and maintained by the Illinois Emergency Management Agency.

Utility radioiodine release rates and the projected CDE thyroid dose do not warrant the administration of KI during the scenario (projected dose below 5 rem CDE thyroid).

- **Review of the proposed accident scenario to determine:**
 - **Type of threat (potential plant conditions-versus-simulated radiological release.**

Initial Plant Conditions:

Unit 1 is online (1184 MWe) for 184 days. Equipment out of service: none

Unit 2 is online (1185 MWe) for 481 days. Equipment out of service: none

Scenario:

At 0805 Central Standard Time (CST), Security Officer in Bullet Resistant Enclosure (BRE) K informed the Central Alarm Station (CAS) Operator that at 0802 CST, a moving van entered the Owner Controller Area (OCA) at high speed (approximately 50 miles per hour). The vehicle traveled the wrong way in the parking lot moving towards the outbuildings. It parked in front of building #2 (CM-2). After one minute it explodes. The Protected Area (PA) is not breached but building #2 is on fire. Conditions exist for the declaration of an **ALERT** Emergency Classification Level (ECL) by **0820 CST**, Emergency Action Level (EAL) HA1, Hostile Action within the owner-controlled area or airborne attack threat within 30 minutes.

At **0810 CST**, operators will perform actions to SCRAM both units. At 0810 CST, U-2 will report that Unit 2 was manually scrammed due to the security event; all rods went in and there are no complications. Unit 1 experiences a hydraulic Abnormal Transient Without Scram (ATWS). Unit 1 will remain close to 30% power after the SCRAM. The SCRAM Discharge Volume (SDV) vent and drain valves fail to open. The Standby Liquid Control (SBLC) starts, however, level in the SBLC tank will not lower for the duration of the scenario due to an open relief valve. This condition will create a **concurrent ALERT** MA3 Automatic, or Manual Trip fails to shut down the reactor, and subsequent

manual actions taken at the reactor control consoles are not successful in shutting down the reactor.

At 0815 CST, a separate hostile force of 10 armed personnel are reported by BRE E as approaching from the Northeast (NE) and heading towards the Lake Screen House (LSH), breaching the PA. The hostiles and security have exchanged fire.

At 0825 CST, Security Post A reports that five (5) adversaries from the previous attacking group have been neutralized. The remaining five have successfully breached the NE fencing and immediately took cover in the LSH. Conditions exist for declaration of **SITE AREA EMERGENCY** ECL by **0840 CST**, HS1 – a notification from the Security Force that a **HOSTILE ACTION** is occurring or has occurred within the **PROTECTED AREA**. This constitutes a **Rapidly Escalating Event**.

By 0840 CST, Hostiles in the LSH cause significant damage to Circulating Water (CW) piping causing the building to immediately begin flooding at a rapid rate. Water in the LSH submerges A and B Fire Protection (FP) jockey pumps and the Intermediate Fire Jockey pump. All three pumps fail. The FP pressure momentarily drops but is restored by the automatic start of both A and B Diesel Fire Pumps (DFPs).

At 0850 CST, Security will report that one hostile left the LSH and caused an explosion at gate number four. The hostile was neutralized by the explosion, but the gate is damaged beyond repair.

Between 0852 – 0857 CST, water in the LSH sequentially submerges all three CW exciter panels on both units, causing all CW pumps on both units to trip. This will lead to a loss of all CW flow and the loss of vacuum in the Main Condenser. The first pump (B) is lost now, and the last pump (A) is lost at T+57.

At 0858 CST, Security reports that the four remaining hostiles have all moved out of the LSH through the opening created in gate number 4 and rushed across the north side of the property. They attempted to move as a group using improvised shielding devices for cover. Two were still neutralized. The other two have gained access to the plant through the U-2 trackway door and security has lost track of them.

At 0901 CST, the U-2 Reactor Operator (RO) reports that bus 241X has lost power. The U-2 pressure, and level control will remain stable. No loads powered by 241X would be used to mitigate the transient with the U-2 condenser already disabled.

At 0902 CST, Security reports that bus 241X has sustained heavy damage from an explosive device. This was discovered investigating the U-2 diesel corridor vital access door which has been visibly breached (Security Code Black). Hostiles have still not been located, but they are inside the Vital Area.

At 0905 CST, LSH flooding submerges all service water pumps and all pumps trip.

At **0915 CST**, piping breaks upstream of the U-1 Main Steam Isolation valves (MSIVs) causing drywell pressure to rise above the Loss of Coolant Accident (LOCA) setpoints. Pressure rises rapidly in containment due to a faulty Safety Relief Valve (SRV) tailpipe. Drywell sprays fail. Conditions exist for a **concurrent SITE AREA EMERGENCY** EAL, FS1 loss of RCS and potential loss of containment.

At **0920 CST**, U-1 containment pressure drops to zero due to hostile action sabotage of the suppression chamber equipment hatch. A radioactive **RELEASE** occurs through the Standby Gas Treatment (SBGT) system.

At **0930 CST**, drywell radiation rises above 1,830 R/hr. A **GENERAL EMERGENCY** ECL should be declared due to EAL FG1, loss of any two barriers and a loss or potential loss of the third. **Licensee PAR should be Shelter-in-Place 5-mile radius (Sub-Areas 1, 2, and 3).**

Between 0935 and 1100 CST, hostile will continue to cause damage and be involved in a firefight with security.

At 1100 CST, repair team will repair the SDV valves to shut down the reactor.

The exercise is expected to **TERMINATE** at **1300 CST**.

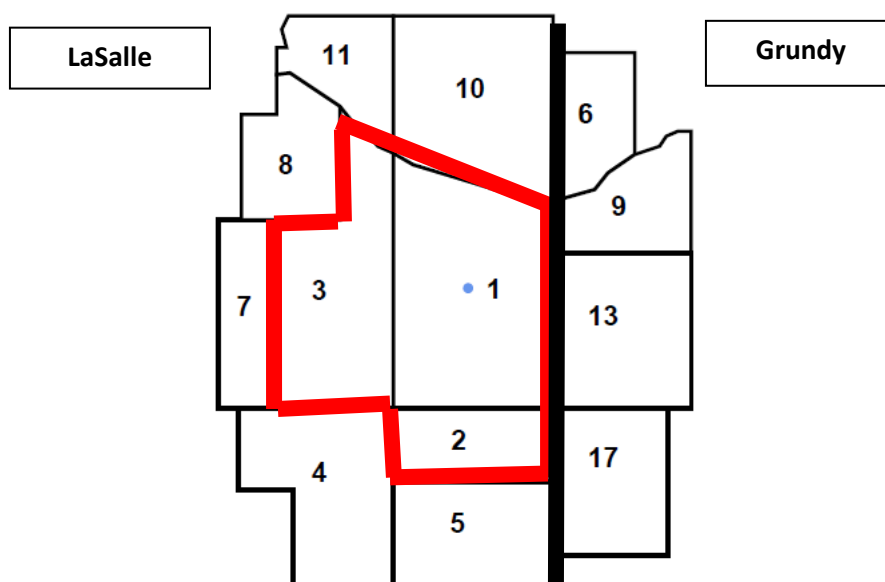
- **Radiological release characteristics (radionuclide mixture), if appropriate;**

Release Path is from RCS to Drywell to Suppression Pool, to Reactor Building to SBGT-to-SBGT vent to Environment.

Time	Noble Gases (Ci/sec)	Iodine (Ci/sec)	Particulates (Ci/sec)
0930	3.04E+1	2.96E-3	1.21E-4
0945	3.90E+1	3.79E-3	1.55E-4
1000	3.91E+1	3.81E-3	1.55E-4
1015	3.91E+1	3.81E-3	1.55E-4

- **Degree of risk to the public (U.S. Environmental Protection Agency (EPA) Protective Action Guides (PAG) or state equivalent to be exceeded and to what degree).**

Expected Early-Phase Licensee PAR at approximately 0930 hours (SHELTER Sub-Areas 1, 2, and 3) due to HAB and release below PAGs:



- **Meteorological conditions (including wind and weather);**

Time	Wind speed (mph)	Stability class	Wind direction (from)
0700	10	D	35
0800	10	D	35
0900	10	D	35
1000	10	D	35
1100	10	D	35
1200	10	D	35
1300	10	D	35

Initial meteorological conditions at the commencement of the exercise included partly cloudy with winds out of the Northeast. No precipitation is expected. Temperatures and wind are expected to be steady throughout the day.

- **Technical adequacy of the scenario's offsite data to support technical controller injects.**

Grundy County is not evaluated during this exercise. Licensee PARs affect LaSalle County and should drive play to allow objectives to be demonstrated.

- **Review of the controller injects' content (technical) to determine:**
 - **Technical adequacy to drive the various components of offsite plume and ingestion exposure pathway exercise play (exposure rates, air concentrations, dosimeter readings, surface contamination levels, food and water contamination levels, data gradients, etc.).**

RRG Liaison may participate in-sequence to support county-level play but will not be evaluated. Discussion may be limited to whether field teams can/should be deployed during incident.

Perform the necessary calculations, modeling, or other evaluations to determine whether the potential plant conditions, simulated radiological release, or controller injects will result in a sufficient dose, exposure rate, or concentrations to drive the appropriate decisions and actions by offsite officials necessary to demonstrate the agreed upon Demonstration Criteria in the jurisdictions to be exercised. Verify the area affected by the plume or deposition footprint.

Licensee Dose Projections (URI 3.1.0.3):

Release Path is an elevated monitored release from the Reactor Building through SBGT Vent to Environment. Release Duration is 1.5 hours. Core damage is 0%.

Peak release dose calculation (all doses in mrem):

time		Site boundary	2 mile	5 mile	10 mile
1015	TEDE (mrem)	64.5	16.4	6.2	3
	CDE (mrem)	5.2	1.1	<1	<1

No EPA PAGs are exceeded per Licensee dose projections.

Scenario Reviewer Dose Projections (RASCAL ver 4.3.3 (all dose in mrem))

time		Site boundary	2 mile	5 mile	10 mile
1015	TEDE (mrem)	40	9.2	2.5	1
	CDE (mrem)	2.5	<1	<1	<1

No EPA PAGs are exceeded per Scenario Reviewer dose projections.

Analyze the time sequences and intervals between planned exercise events. Ensure that adequate time has been allowed for the appropriate offsite response organizations to demonstrate the selected Demonstration Criteria (technically) sufficiently.

The exercise commences with an Alert ECL at 0820 CST. Escalation to Site Area Emergency is at 0840 CST (20 minutes later). Further escalation to General Emergency takes place at 0945 CST (~1 hour later), concurrent with a radioactive release to the environment. Exercise termination is expected at 1300 CST (~3 hour 15 minutes later). This should be adequate time to initiate a Protective Action Decision with associated tasks.

Appendix F: Extent-of-Play Agreements

30 Day Submission 10-14-2022



Nuclear Power Plant Exercise

LaSalle Generating Station

Radiological Emergency Preparedness (REP) Program

Extent-of-Play Agreement for State of Illinois

Exercise Date: November 15, 2022

Table of Contents

<u>Section 1: Exercise Overview</u>	40
<u>Overarching Purpose</u>	40
<u>Scope</u>	40
<u>Table 1 – Schedule of Activities</u>	42
<u>Section 2: Extent-of-Play Agreement</u>	46
<u>Standards & References</u>	46
<u>Exercise Participants</u>	46
<u>Section 3: Objectives and Exceptions</u>	47
<u>Objective 1: Emergency Operations Management</u>	47
<u>Objective 2: Exposure Control</u>	55
<u>Objective 3: Alert and Notification</u>	59
<u>Objective 4: Detect Measure, Sample, Analyze, and Access</u>	65
<u>Objective 5: Operate</u>	65
<u>Section 4: Demonstration Locations, Dates, Times, and Contacts</u>	73
<u>Section 5: Back-up Documentation</u>	75
<u>Section 6: Acronyms</u>	76

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 2022 LaSalle 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 LaSalle County, the eight-year cycle for Grundy County began in 2021.

In-Sequence activities will occur during the morning and potentially early afternoon hours of November 15th, 2022, from approximately 0800-1300 Central Standard Time (CST). LaSalle County will fully participate in this exercise, Grundy County will participate to the level necessary to support exercise play, and provide training opportunities for county staff, however Grundy County will not be evaluated. The State of Illinois will be evaluated for most functions and 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 (Sheriff's Office Dispatch Center in LaSalle County)
- Emergency Operations Center [LaSalle County EOC, LaSalle County Incident Command Post (ICP), Grundy County EOC (Unevaluated)]
- State Operations [formerly Communications] Center, State Emergency Operations Center (SEOC), Radiological Emergency Assessment Center (REAC), Joint Information Center (JIC), and Public Inquiry Hotline will fully participate and be evaluated. The state Unified Area Command (UAC) will not participate but will be represented by a SIMCELL to support exercise play.

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.

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 Activity	ORO/Location	Date/Time
Controller/Evaluator meeting	Holiday Inn / Ottawa (tentative)	Monday, November 14, 2022 2:00 PM – 3:00 PM
Initial Notification (911, EONS and NARS)	Sheriff's Office Dispatch Center (LaSalle County) IEMA OPS Center	Tuesday, November 15, 2022 8:00 AM – 11:00 AM
EOC Operations	LaSalle County EMA Grundy County EMA (non-evaluated; but FEMA Observer requested) State Emergency Operations Center State Unified Area Command	Tuesday, November 15, 2022 8:00 AM – 1:00 PM SIMCELL located at SEOC
Incident Command Post & Staging Area	LaSalle Co Sheriff's Office, Training Room LaSalle Co EMA (Parking Lot)	Tuesday, November 15, 2022 8:30 AM – 12:00 PM 2:00 PM – 3:00 PM
School / Transportation Interview	Grand Ridge CUSD #95	Wednesday, November 16 12:30-2:00 PM (confirmed)
Emergency Worker Monitoring/Decontamination Center (EWDC)	n/a	n/a
Reception Center	n/a	n/a

Table 1 – Schedule of Activities Activity	ORO/Location	Date/Time
Congregate Care Center	n/a	n/a
Transportation and Treatment of Contaminated Injured Individuals	OSF St. Elizabeth, Ottawa	Completed August 24, 2022
Traffic/Access Control (TACP)	LaSalle County Sheriff's Office (@LaSalle Co EOC) IL State Police District 17 (@HQ) Ottawa Police Department	Tuesday, November 15, 2022 9:00 AM – 11:00 AM Wednesday, November 16, 2022 9:00 AM – 10:00 AM (D17) 11:00 AM – 12:00 PM

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 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, 1.5, 2.1, 2.2, 3.1, 5.1, 5.2, 5.4.

2019 Capability Targets 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, 3.3

2019 Capability Targets 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, 3.2, 5.4

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

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

Activities, Core Capabilities, and Exercise Objectives

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

Section 2: Extent-of-Play Agreement

Standards & References

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

Illinois Plan for Radiological Accidents, Quad Cities Station Plan, revised July 2022.

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:

LaSalle County Emergency Management Agency

LaSalle County Sheriff's Office

LaSalle County Sheriff's Office Tactical Response Team

LaSalle County Health Department

LaSalle County Board

LaSalle County Highway Department

Grundy Emergency Management Agency

Illinois Emergency Management Agency

SEOC & SUAC State Agency Partners (invited): Illinois Departments of: Environmental Protection, Transportation, Natural Resources, Public Health. Illinois State Police, American Red Cross

Illinois State Police, District 17 (LaSalle, IL)

Illinois Law Enforcement Alarm System (ILEAS)

Mutual Aid Box Alarm System (MABAS)

Ottawa Police Department

WCMY Radio

American Red Cross

Section 3: Objectives and Exceptions

Objective 1: Emergency Operations Management

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

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

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

Core Capabilities: Operational Coordination

Exercise Parameters: LaSalle intends to fully activate the County Emergency Operations Center (EOC) in Ottawa, IL. Grundy County intends to partially activate the County Emergency Operations Center (EOC) in Morris, IL, but will not be evaluated, however a FEMA observer is requested to provide feedback to Grundy County training participants. 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.	LaSalle County EOC and Sheriff's Dispatch Center SEOC, REAC, JIC, SUAC LaSalle Co ICP	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.	LaSalle County EOC State OPS Center	No Exceptions
Identify and request additional resources, as needed.	LaSalle County EOC, ICP, SEOC, SUAC SIMCELL (unevaluated), Staging Area (OOS)	Exception: Agencies outside this EOP may be requested, but response will be simulated.

Assessment	Venue	Extent of Play
Determine a facility is operational.	All Venues	No Exceptions

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

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

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

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

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

Assessment	Venue	Extent of Play
Support protective action decision-making.	LaSalle County EOC & ICP SEOC & SUAC SIMCELL (SUAC unevaluated) REAC, JIC	No exceptions No exceptions State: will issue a PAR via NARS to support county exercise play
Conduct briefings in a timely manner.	LaSalle County EOC & ICP State EOC & SUAC SIMCELL (SUAC unevaluated), REAC	No Exceptions
Maintain Situational Awareness	All Venues	No Exceptions
Coordinate response activities with other organizations.	LaSalle County EOC & ICP State EOC, SUAC SIMCELL (unevaluated) & REAC	No Exceptions

Assessment	Venue	Extent of Play
Obtain resources to support emergency operations	LaSalle County EOC & ICP State EOC, SUAC & REAC SIMCELL (SUAC unevaluated)	Exceptions: by discussion if not already available at venue.
Provide and maintain adequate facilities and equipment to support the emergency response.	LaSalle County EOC & ICP State EOC & SUAC SIMCELL (SUAC unevaluated)	No Exceptions

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

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

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

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

***Exercise Parameters:** Radiological PARs will be demonstrated and discussed at the Radiological Emergency Assessment Center (REAC) and the State Emergency Operations Center (SEOC), discussion may also take place at State Unified Area Command (SUAC), may also be discussed in LaSalle County EOC & ICP.*

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

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

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

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

Exercise Parameters: The State of Illinois will make Protective Action Recommendations (PAR) to LaSalle and Grundy 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 LaSalle and Grundy counties (Grundy unevaluated).

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

Assessment	Venue	Extent of Play
		coordination of institutionalized individuals in EPZ

Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase – (3.b.1, 3.c.1, 3.c.2) Implement decisions for those populations and areas subject to plume phase protective actions.

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

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

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

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

Assessment	Venue	Extent of Play
Implement PADs, ensuring communication and coordination with all appropriate jurisdictions.	LaSalle County EOC	See Exercise Parameters
Assist those with access and functional needs during the implementation of PADs.	LaSalle County EOC	See Exercise Parameters
Communicate, coordinate, and implement protective actions for schools.	LaSalle County EOC Grand Ridge School	See Exercise Parameters (Out of Sequence 11/16/22 at 12:30 PM)
Communicate with transportation officials.	LaSalle County EOC	See Exercise Parameters
Identify evacuation routes for the general public.	LaSalle County EOC	See Exercise Parameters

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

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

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

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

Exercise Parameters: N/A, Will not be demonstrated/evaluated during this exercise.

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

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

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

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

Exercise Parameters: N/A, Will not be demonstrated/evaluated during this exercise.

Objective 2: Exposure Control

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

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

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

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

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

Assessment	Venue	Extent of Play
Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	LaSalle County EOC, ICP, SUAC, Staging Area (OoS) (SUAC unevaluated) IL State Police, D17 Ottawa Police Dept. Grand Ridge School	Exception: offsite workers onsite – Utility function and will not be evaluated. Out of sequence, 11/16/22 9:00 am 11:00 AM Out of Sequence 11/16/22 at 12:30 PM
Maintain record of dose as a result of exposure.	LaSalle County EOC IL St. Police D17 (OOS)	Exception: will be discussed with participants, but will only be simulated documenting on dosimetry record cards during TAC/DCO demonstrations
Authorize exposures and dose in excess of identified limits.	LaSalle County EOC REAC / SEOC	The decision to authorize exceeding administrative limits is issued by the state and implemented at the county level

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

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

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

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

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

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

Assessment	Venue	Extent of Play
Maintain an appropriate inventory of DRDs that are leak-tested or current in calibration.	LaSalle County EOC LaSalle County Sheriff LaSalle Co ICP <u>Out of Sequence:</u> IL State Police D17 Ottawa Police Dept. Grand Ridge School	In-service dosimetry not calibrated in field; annual leak test records will be made available
Maintain an appropriate inventory of dosimetry.	LaSalle County EOC LaSalle County Sheriff LaSalle Co ICP <u>Out of Sequence:</u> IL State Police D17 Ottawa Police Dept. Grand Ridge School	In-service dosimetry not calibrated in field; annual leak test records will be made available
Retain an adequate supply of radioprotective drugs.	LaSalle County EOC LaSalle County Sheriff LaSalle Co ICP <u>Out of Sequence:</u> IL State Police D17 Ottawa Police Dept. Grand Ridge School	KI is supplied by state but issued to each participating entity. KI recordkeeping and reference materials will be made available at each participating location.
Adequately distribute appropriate Emergency Worker (EW) Dosimetry Kits (i.e., DRDs, DLRs, KI and Record Card)	LaSalle County EOC LaSalle County Sheriff LaSalle Co ICP <u>Out of Sequence:</u> LaSalle County ICP IL State Police D17	No Exception

Assessment	Venue	Extent of Play
	Ottawa Police Dept. Grand Ridge School	
Adequately distribute radioprotective drugs to emergency workers.	All Venues	No Exception
Record and report exposures in the field.	LaSalle County EOC LaSalle County Sheriff IL State Police D17 (OOS) LaSalle Co ICP	This item will be discussed with participants, but physical recording of readings on official documents will not be required.
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.	LaSalle County EOC	Will be conducted via interview in each EOC after completion of plume phase activities. Related maps and questions will be provided and facilitated by the state exercise controller at each county EOC.
Emergency Worker, Just-In-Time (JIT) Training	LaSalle County Staging Area	To be demonstrated by Staging Area DCO, out of sequence

Objective 3: Alert and Notification

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

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

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

Assessment	Venue	Extent of Play
Utilize communication systems that are fully functional, continuously available, and redundant.	LaSalle Co EOC, ICP, Staging Area, Sheriff's Dispatch Center State EOC, SUAC, REAC, JIC	Exceptions: state facilities will participate to support exercise play but will not be evaluated
Maintain periodic test results and corrective actions on a real time basis.	NA	
Access at least one communication system that is independent of the commercial telephone system.	LaSalle County EOC LaSalle Co ICP SEOC/OPS Center	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.	LaSalle County EOC LaSalle Co ICP SEOC/OPS Center Out of Sequence: Ottawa PD IL State Police D17 Grand Ridge School	No Exceptions

Assessment	Venue	Extent of Play
Identify and address any failures of the systems.	LaSalle County EOC LaSalle Co ICPSEOC/OPS Center Out of Sequence: Ottawa PD IL State Police D17	No Exceptions
Transmit, receive, and understand messages (i.e., “content check”).	LaSalle County EOC, ICP and Initial Warning Point SEOC/OPS Center WCMY Radio	During Communications interview, and/or demonstrated during exercise play.

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

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

Assessment	Venue	Extent of Play
ALERT AND NOTIFICATION SYSTEM: Sequentially provide an alert signal followed by an initial instructional message to populated areas.	LaSalle County EOC LaSalle County Initial Warning Point WCMY 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)	LaSalle County EOC WCMY Radio	Same as above.
ALERT AND NOTIFICATION SYSTEM: Identify and address any failures of the system(s) or portion of a system(s).	LaSalle County EOC WCMY 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)	LaSalle 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. -	LaSalle County EOC	No Exception
PRIMARY ALERT NOTIFICATION SYSTEM: Ensure that updated emergency information is disseminated in a timely manner.	LaSalle County EOC	No Exception
PRIMARY ALERT NOTIFICATION SYSTEM: Ensure that current emergency information is repeated at pre-established intervals.	LaSalle County EOC	No Exception

Assessment	Venue	Extent of Play
EAS/NWS STATION: Identify the process to activate the EAS, to include the process to receive and then broadcast updated information/messages and verification of the message, if applicable.	LaSalle County EOC	Exception: By interview with LaSalle County EMA Director or designee.
EAS/NWS STATION: Broadcast the message on a 24-hour basis.	NA	No Exception
ROUTE/ALTERNATE ALERTING	LaSalle County EOC	Alternative notification via IPAWS interview/demo; counties do not perform route alerting.

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

Intent: The capability to provide instructions to the public.

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters: Alert and Notification of the public is coordinated by LaSalle 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 LaSalle and Grundy Counties. This function will also be demonstrated at participating radio stations; however, every effort will be taken to minimize the time required for these non-governmental entities, and participation may be cancelled if real-world events require.

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

PLUME PHASE: Respond to media and public inquiries.	LaSalle County EOC IL Rumor Control Hotline	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	

Capability Target 3.3: Emergency Information and Instructions for the Public and News Media: (5.b.1)

- Accurate emergency information and instructions are provided to the public and the news media in a timely manner.

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

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters: LaSalle 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.).

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
	LaSalle County ICP	RRG Liaison may participate in-sequence to support county-level play but will not be evaluated. Discussion may be limited to whether field teams can/should be deployed during incident.

Assessment	Venue	Extent of Play
Set up operations:	NA	Will not be demonstrated during this exercise
Operationally check instruments and equipment.	NA	Will not be demonstrated during this exercise
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	Will not be demonstrated during this exercise

Assessment	Venue	Extent of Play
MONITORING: Monitor evacuees, service animals, pets, vehicles, and possessions.	NA	Will not be demonstrated during this exercise
Utilize trigger/action levels for determining the need for decontamination.	NA	Will not be demonstrated during this exercise
DECONTAMINATION: Decontaminate evacuees, and personal belongings, while limiting the spread of contamination.	NA	Will not be demonstrated during this exercise
DECONTAMINATION: Follow-up with any evacuee(s) who cannot be appropriately decontaminated for assessment; ensure the capability to provide evacuee-referrals.	NA	Will not be demonstrated during this exercise
VEHICLES: Monitor and decontaminate vehicles.	NA	Will not be demonstrated during this exercise
VEHICLES: Provide adequate, separate space for both contaminated and non-contaminated vehicles.	NA	Will not be demonstrated during this exercise
VEHICLES: Monitor evacuees and their vehicles for contamination.	NA	Will not be demonstrated during this exercise
VEHICLES: Decontaminate evacuee vehicles based on trigger/action levels.	NA	Will not be demonstrated during this exercise

Assessment	Venue	Extent of Play
SHELTERING AND CONGREGATE CARE: Coordinate for incoming evacuees who have been monitored and, if necessary, decontaminated.	NA	Will not be demonstrated during this exercise
SHELTERING AND CONGREGATE CARE: Establish shelter operations.	NA	Will not be demonstrated during this exercise
SHELTERING AND CONGREGATE CARE: Congregate care centers and operations in host/support jurisdictions are sufficient to support the expected number of evacuees.	NA	Will not be demonstrated during this exercise
REGISTRATION: Register evacuees.	NA	Will not be demonstrated during this exercise
REGISTRATION: Ensure the registration area is clean and controlled.	NA	Will not be demonstrated during this exercise

Objective 5: Operate

Capability Target 5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees (6.a.1, 6.c.1) - Facilities, equipment, and procedures are in place and utilized to provide monitoring, decontamination, identification, temporary shelter, congregate care, and registration of evacuees.

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

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

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

Exercise Parameters:

- *Reception/Congregate Care Centers for the LaSalle EPZ have been successfully demonstrated within the last 8-year cycle and are not currently scheduled for this exercise.*

Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles (6.b.1) Facilities, equipment, and procedures are in place and utilized to provide monitoring and decontamination of emergency workers and their equipment and vehicles.

Assessment	Venue	Extent of Play
Set up operations:	NA	Will not be demonstrated during this exercise
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 vehicles based on trigger/action levels.	NA	Will not be demonstrated during this exercise
Control the spread of contamination.	NA	Will not be demonstrated during this exercise
Create and maintain a record of monitoring and decontaminating workers upon completion of 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

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. .

Capability Target 5.3: Transportation and Treatment of Contaminated Individuals (6.d.1) -

Transport contaminated, injured individuals to medical facilities with the capability to monitor and decontaminate.

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

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

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

Exercise Parameters: This target was addressed during an out of sequence evaluation at OSF St. Elizabeth in Ottawa on August 24th, 2022.

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

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

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

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

Exercise Parameters: The Traffic Access and Control Point (TACP) ability to provide instructions to TACP providers will be demonstrated through an interview with Law Enforcement Officers in the LaSalle County EOC, and out of sequence TAC/DCO evaluations at IL State Police, District 17 headquarters, and Ottawa 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.	LaSalle County EOC	Exception: By interview with law enforcement officers in LaSalle Co EOC
	LaSalle Co ICP	Limited to possible coordination with LaSalle CO EOC/Sheriff for HAB-based guidance for non-radiological considerations. Radiological considerations/decisions may be handled by county EOC.

Assessment	Venue	Extent of Play
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.	LaSalle County EOC IL State Police Dist. 17 LaSalle Co ICP & EOC	Out of sequence interview with: ISP D17 command staff on 11/16 at 9:00 am Limited to possible coordination with LaSalle CO EOC/Sheriff for HAB-based guidance for non-radiological considerations. Radiological considerations/decisions may be handled by county EOC, depending on location of decision-making authorities.
Contact the state or Federal agencies that have the authority for the different transportation modes (e.g., rail, water, and air traffic).	State EOC	No Exception
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.	LaSalle 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.	LaSalle County EOC State JIC (location TBD)	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	The traffic control portion will be discussed during the TAC/DCO evaluation at each county EOC. Exception: monitoring individuals and vehicles is a State responsibility and will not be evaluated in this exercise.

Assessment	Venue	Extent of Play
Authorize reentry of individuals into the restricted areas.	NA	Will be conducted via interview in each EOC after completion of plume phase activities. Related maps and questions will be provided and facilitated by the state exercise controller at each county EOC.
Establish exit procedures.	NA	Will be conducted via interview in each EOC after completion of plume phase activities. Related maps and questions will be provided and facilitated by the state exercise controller at each county EOC.

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

MONDAY November 14, 2022

PRE-EXERCISE MEETING		
Address:	Holiday Inn / Ottawa	
	2850 Columbus Street Ottawa, IL 61350	
Contact:	Angela Cloutier	
Telephone:	XXX/XXX-XXXX	
Action Location:	Same as above	
Date:	Monday, November 14th	
Time:	2:00 p.m. – 3:00 p.m.	

TUESDAY November 15, 2022

INITIAL NOTIFICATION – COUNTY SHERIFF’S DISPATCH CENTER		
Address:	LaSalle County Sheriff’s Office Dispatch Center	
	707 E. Etna Road, Ottawa IL 61350	
Contact:	Dispatcher on duty	
Telephone:	xxx-xxx-xxxx	
Action Location:	County Sheriff’s Office Dispatch Center	
Date:	Tuesday, November 15th, 2022	
Time:	8:00 a.m. – 10:00 a.m.	

EMERGENCY OPERATIONS CENTER – LaSalle County EMA		
Address	LaSalle County EMA	
	711 E. Etna Road, Ottawa IL 61350	
Contact	Fred Moore, LaSalle County EMA Coordinator	
Telephone	815/433-5622	
Action Location	Same as above	
Date:	Tuesday November 15th, 2022	
Time:	8:00 a.m. – 2:00 p.m.	

Incident Command Post – LaSalle County Sheriff's Office / Training Room		
Address:	LaSalle County EOC (TENTATIVE)	
	707 E. Etna Road Ottawa, IL	
Contact:	Fred Moore, LaSalle County EMA Coordinator	
Telephone:	815/433-5622	
Action Location:	Same as above. Tentatively to be co-located at LaSalle County EMA outside on East side of building	
Date:	Tuesday, November 15, 2022	
Time:	8:00 a.m. – 2:00 p.m.	

LaSalle County Staging Area – LaSalle Co Emergency Management (Parking Lot)		
Address:	LaSalle County EMA	
	711 E. Etna Road, Ottawa IL 61350	
Contact:	Fred Moore, LaSalle County EMA Coordinator	
Telephone:	815/433-5622	
Action Location:	Parking Lot (may be moved inside if weather requires) Staging area manager may be represented in EOC as SIMCELL during exercise play, and will discuss more specific Staging area processes out of sequence after the conclusion of normal play	
Date:	Tuesday, November 15, 2022	
Time:	10:00 a.m. – 2:00 p.m.	

State Unified Area Command (SUAC) SIMCELL – State Emergency Operations Center		
Address:	2200 S. Dirksen Parkway	
	Springfield, IL	
Contact:	Bill Conway	
Telephone:	217-836-5373	
Action Location:	Co-located in SEOC	
Date:	Tuesday, November 15, 2022	
Time:	9:00 a.m. – 1:00 p.m.	

WEDNESDAY November 16, 2022

TRAFFIC & ACCESS CONTROL – Illinois State Police, District 17		
Address:	ISP D17 Headquarters 2971 E. 350 th Road, LaSalle, IL 61301	
Contact:	Brad Clearwater (State Controller)	
Telephone:	217/685-0139	
Action Location:	ISP D17 HQ is located just off I-80 at Exit 77, ½ mile south on Route 351/E. 350 th Road.	
Date:	Tuesday November 16, 2022	
Time:	9:00a.m. – 10:00 a.m. TENTATIVE	

TRAFFIC & ACCESS CONTROL – Ottawa Police Department		
Address:	301 W. Lafayette Street, Ottawa, IL 61350	
Contact:	Brad Clearwater (State Controller)	
Telephone:	217/685-0139	
Action Location:		
Date:	Tuesday November 16, 2022	
Time:	9:00a.m. – 10:00 a.m.	

FRIDAY November 18, 2022

PARTICIPANT BRIEFING – LaSalle County EOC (TENTATIVE)		
Address	711 E. Etna Road Ottawa, IL	
Contact	Fred Moore	
Telephone	815/433-5622	
Action Location	Same as above	
Date:	Friday, July 15th, 2022	
Time:	10:00 a.m. – 10:45 a.m.	

PUBLIC/MEDIA BRIEFING – LaSalle County EOC (TENTATIVE)		
Address:	711 E. Etna Road Ottawa, IL	
Contact:	Fred Moore	
Telephone:	815/433-5622	
Action Location:	Same as above	
Date:	Friday, July 15th, 2022	
Time:	11:00 a.m. – 12:00 p.m.	

Section 5: Back-up Documentation

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

Section 6: Acronyms

Acronym	Term
ARC	American Red Cross
CDT	Central Daylight Time
EMS	Emergency Medical Service
EOC	Emergency Operations Center
EOP	Extent of Play
EWDC	Emergency Worker Monitoring/Decontamination Center
FEMA	Federal Emergency Management Agency
ICP	Incident Command Post
ILEAS	Illinois Law Enforcement Alarm System
IPRA	Illinois Plan for Radiological Accidents
ISP D17	Illinois State Police, District 17
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
SEOC	State Emergency Operations Center
SOG	Suggested Operational Guidance
SUAC	State Unified Area Command
TACP	Traffic/Access Control Point
WSCO	Whiteside County