



FEMA

July 28, 2023

Sima Merick
Executive Director
Ohio Emergency Management Agency
2855 West Dublin-Granville Road
Columbus, Ohio 43235-2206

Dear Director Merick:

Enclosed is a copy of the Final After-Action Report/Improvement Plan (AAR/IP) for the Davis-Besse Nuclear Power Station Radiological Emergency Preparedness, Full-Participation, Plume Exposure Pathway, Hostile Action Based Exercise conducted on May 2, 2023, and associated out of sequence activities.

The exercise resulted in no Level 1 Findings, no Level 2 Findings, or Plan Issues for the State of Ohio and Lucas County. The exercise also resulted in no Level 1 Findings, one Level 2 Finding that was re-demonstrated and corrected on the spot, and no Plan Issues for Ottawa County. The Level 2 Finding is closed.

Based on the results of the exercise, the planning and preparedness for both the State of Ohio and the affected local jurisdictions continue to provide reasonable assurance that appropriate measures can be taken to protect the public health and safety. Therefore, Title 44 CFR 350 approval of the offsite radiological emergency response plans and preparedness program remain in effect.

If you have any questions, please contact Sean O'Leary, Chair, Regional Assistance Committee, at (312) 408-5389.

Sincerely,
**MICHAEL S
CHESNEY**
for Thomas C. Sivak
Regional Administrator

Digitally signed by
MICHAEL S CHESNEY
Date: 2023.07.28
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Attachment:
DBNPS 2023 HAB Final AAR-IP.pdf

Cc: DHS/FEMA Headquarters
NRC Region III
NRC Headquarters Document Control Desk



Nuclear Power Plant Exercise

Davis-Besse Nuclear Power Station

Radiological Emergency Preparedness Exercise

Radiological Emergency Preparedness Program

Final After-Action Report/Improvement Plan

Exercise Date: May 2, 2023

Report Date: July 6, 2023



FEMA

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Executive Summary

On May 2, 2023, the offsite response organizations of the Davis-Besse Nuclear Power Station (DBNPS) 10-mile Emergency Planning Zone participated in the Hostile Action-Based Plume Exposure Pathway Exercise. The Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) Region 5 Radiological Emergency Preparedness Program staff evaluated that exercise, which also included out of sequence activities conducted April 25, May 1, 2, and 3, 2023. This report outlines the evaluation results from the exercise and out of sequence activities.

The purpose of the exercise was to assess the level of state and local preparedness in responding to an incident at the DBNPS. This exercise was conducted in accordance with DHS/FEMA's policies and guidance concerning the exercise of State and Local radiological emergency response plans and procedures. The previous federally evaluated exercise for this site was conducted on May 4, 2021. The qualifying emergency preparedness exercise was conducted on March 31, 1987.

Officials and representatives from participating agencies and organizations demonstrated knowledge of their emergency response plans and procedures, and successfully implemented them during the exercise and out of sequence activities. All jurisdictions met the exercise objectives and successfully demonstrated the corresponding core capabilities identified in Section 2.2 of this report. DHS/FEMA Staff identified one Finding during this exercise.

The DHS/FEMA assessment team identified one Level 2 Finding during this exercise that concerned Emergency Worker Exposure Control Management. The Capability Target was successfully redemonstrated, and the Finding was resolved during the exercise. Details of the finding can be found in Section 5 "Improvement Plan" p.65 of this report.

The findings presented in this report are based on the evaluations of the Federal Evaluation Team, with final determinations made by the DHS/FEMA Region 5 Regional Assistance Committee (RAC) Chair and approved by the DHS/FEMA Headquarters.

It was apparent that a great deal of preparation and training was conducted by the offsite response organizations to successfully demonstrate the ability to protect the health and safety of the public. They provided the necessary support and resources to respond to an incident at the Davis-Besse Nuclear Power Station.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Approximately 390 participants demonstrated reasonable assurance to protect public health and safety while operating in the current SARS-CoV-2/COVID-19 pandemic environment and responding to other ongoing real-world events. The participants demonstrated professionalism and teamwork throughout all phases of the exercise.

Section 1: Exercise Overview

Exercise Name	2023 Davis-Besse Nuclear Power Station Radiological Emergency Preparedness Exercise	
Type of Exercise	Hostile Action Based Exercise (with release)	
Exercise Date	May 2, 2023	
Out of Sequence Date(s)	April 25, May 1, 2, and 3, 2023	
Program	Radiological Emergency Preparedness Program	
FINAL Scenario Submittal to DHS/FEMA	March 3, 2023	
FINAL Extent-of-Play Agreement Submittal to DHS/FEMA	State of Ohio: March 21, 2023 Lucas County: March 2, 2023 Ottawa County: March 10, 2023	
Mission Area	Response, Mitigation, Protection	
Core Capabilities	Access Control/Identity Verification	Natural & Cultural Resources
	Critical Transportation	On-Scene Security, Protection, & Law Enforcement
	Environmental Response/Health & Safety	Operational Communication
	Health & Social Services	Operational Coordination
	Housing	Planning
	Intelligence/Information Sharing	Public Health, Healthcare, & Emergency Medical Services
	Mass Care Services	Public Information & Warning
	Economic Recovery	Situational Assessment
Participating Organizations	See Appendix B for the list of participating organizations	
Evaluated Facilities	See Appendix F for the extent of play agreements	
Exercise Planning Team	Ohio Emergency Management Agency Lucas County Emergency Management Agency Ottawa County Emergency Management Agency Energy Harbor, Inc. (Davis-Besse Nuclear Power Station)	
FEMA/DHS Exercise Evaluation Leadership Team	Sean O'Leary, RAC Chair Edward Golinski, Exercise Director Stephen Tulley, Assistant Director Todd Trygier, Site Specialist	

Section 2: Exercise Design Summary

2.1 Exercise Purpose

The DHS/FEMA administers the Radiological Emergency Preparedness Program (REPP) 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 (NRC) 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 REPP 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, Rev. 2, the annual letter of certification, and staff assistance visits, enabled DHS/FEMA to provide a statement with the transmission of a final after-action report to the NRC. 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 REPP with the National Preparedness System to ensure that not only preparedness is addressed, but also the five mission areas: prevention, protection, recovery, response, and mitigation. Additionally, the exercise objectives and capability targets assessed meet Radiological Emergency Preparedness Program Manual requirements and objectives. The core capabilities scheduled for demonstration during this exercise were:

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

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

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

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

Section 3: Analysis of Capabilities

3.1 Exercise Evaluation and Results

This section contains the results and findings of the evaluation of all jurisdictions and functional entities that participated in the May 2, 2023, plume exposure pathway exercise and out of sequence activities conducted the week of April 24-28, 2023, and May 1-5, 2023.

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

SITE: Davis-Besse Nuclear Power Station DATE: May 2, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Notification Point	SEOC - Dose Assessment	SEOC - ESF 10	SEOC - Assessment Room	SEOC - Operations Room	SEOC - Executive Room	SEOC - JIC Public Inquiry Hotline	SEOC JIC	Public Information/Media Briefing	Ohio PIO	State Liaisons at Ottawa County EOC	State Liaisons at DBNPS EOF
Objective 1: Emergency Operations Management Capability Targets												
1.1: Mobilization	M	M	NA	M	M	M	NA	M	M	M	M	M
1.2: Direction and Control	NA	M	NA	M	M	M	NA	NA	M	NA	M	M
1.3: Protective Action Recommendations	NA	M	NA	NA	NA	M	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA	NA	M	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets												
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	M	NA	NA	M	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Objective 3: Alert and Notification Capability Targets												
3.1: Communications	M	M	NA	M	M	M	NA	M	M	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA	M	M	M	M	M	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets												
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	M	NA	NA	NA	M	NA	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets												
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	M	NA	NA	NA	NA	NA	NA	NA	NA

Table 3.1.2 Summary - State of Ohio Out of Sequence Activity (4/25/2023)

SITE: Davis-Besse Nuclear Power Station DATE: April 25, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	MARCS COMM Check	DC Briefing - Dosimetry Distribution	Field Monitoring Team Courier	Sample Screening Point	Field Monitoring Team Coordinator	Field Monitoring Team #13	Field Monitoring Team #14
Objective 1: Emergency Operations Management Capability Targets							
1.1: Mobilization	NA	M	M	M	M	M	M
1.2: Direction and Control	NA	NA	NA	NA	NA	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets							
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	M	M	M	M	M
Objective 3: Alert and Notification Capability Targets							
3.1: Communications	M	M	M	M	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets							
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	M	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	M	NA	M	M
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NS	NS
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets							
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	NA	NA	NA	NA

Table 3.1.3 Summary - State of Ohio Out of Sequence Activity (5/1/2023)

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

Table 3.1.4 Summary - Lucas County In-Sequence Activity

SITE: Davis-Besse Nuclear Power Station DATE: May 2, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Notification Point	EOC - Executive Room	EOC - Operations Room	EOC - PIO Info Liaison	EOC - Public Inquiry	Lucas County PIO DBNPS
Objective 1: Emergency Operations Management Capability Targets						
1.1: Mobilization	M	M	M	M	M	NA
1.2: Direction and Control	NA	M	M	NA	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	NA	M	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets						
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	M	NA	NA	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	NA	M	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	M	M	M	M
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	NA	M	NA	NA	NA

Table 3.1.5 Summary - Lucas County Out of Sequence Activity (4/25/2023)

SITE: Davis-Besse Nuclear Power Station DATE: April 25, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	MARCS COMM Check
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	NA
Objective 3: Alert and Notification Capability Targets	
3.1: Communications	M
3.2: Alert and Notification of the Public	NA
3.3: Emergency Information and Instructions Public and News Media	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets	
4.1: Field Monitoring Teams Management	NA
4.2: Plume Phase Measurements and Sampling	NA
4.3: Post-Plume Phase Measurements and Sampling	NA
4.4: Laboratory Operations	NA
4.5: Plume Phase Analysis and Dose Assessment	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA
Objective 5: Operate Capability Targets	
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA
5.4: Traffic and Access Control	NA

Table 3.1.6 Summary - Lucas County Out of Sequence Activity (5/3/2023)

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

Table 3.1.7 Summary - Ottawa County In-Sequence Activity

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

Table 3.1.8 Summary - Ottawa County Out of Sequence Activity (4/25/2023)

SITE: Davis-Besse Nuclear Power Station DATE: April 25, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	MARCS COMM Check	EV-2 School - Transportation Interview	EV-2 School - Interview
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	NA	M	M
Objective 3: Alert and Notification Capability Targets			
3.1: Communications	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets			
4.1: Field Monitoring Teams Management	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA
Objective 5: Operate Capability Targets			
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA

Table 3.1.9 Summary - Ottawa County Out of Sequence Activity (5/1/2023)

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

Table 3.1.10 Summary - Ottawa County Out of Sequence Activity (5/2/2023)

SITE: Davis-Besse Nuclear Power Station DATE: May 2, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Congregate Care Center	Reception Center - Registration	Mon/Decon - Evacuee DC Rad Briefing (Fremont)	Mon/Decon - Evacuee (Fremont)	Mon/Decon - Evacuee Vehicles (Fremont)	Backup Route Alerting - DC Mission Briefings (Portage Fire District)	Backup Route Alerting (Portage Fire District)
Objective 1: Emergency Operations Management Capability Targets							
1.1: Mobilization	NA	NA	NA	NA	NA	NA	NA
1.2: Direction and Control	NA	NA	M	NA	NA	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets							
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	M	M	M	M	M
Objective 3: Alert and Notification Capability Targets							
3.1: Communications	NA	NA	M	NA	NA	NA	M
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA	NA	M
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets							
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets							
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	M	M	NA	M	M	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	NA	NA	NA	NA

Table 3.1.11 Summary - Ottawa County Out of Sequence Activity (5/3/2023)

SITE: Davis-Besse Nuclear Power Station DATE: May 3, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Traffic/Access Control Briefing	Traffic/Access Control Interview	EW Mon/Decon Center - DC Rad Briefing (Genoa)	EW Mon/Decon Center EWs (Genoa)	EW Mon/Decon Center - EW Vehicles (Genoa)
Objective 1: Emergency Operations Management Capability Targets					
1.1: Mobilization	NA	NA	NA	NA	NA
1.2: Direction and Control	NA	NA	NA	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA
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	NA
2.2: Emergency Worker Exposure Control Management	M	M	M	M	M
Objective 3: Alert and Notification Capability Targets					
3.1: Communications	M	M	M	NA	NA
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets					
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA
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	M	M
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	NA	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 Department of Homeland Security/Federal Emergency Management Agency Region 5 Radiological Emergency Preparedness Program evaluations. Each jurisdiction's standalone capability summaries are provided below.

3.2.1 State of Ohio In-Sequence

3.2.1.1 Initial Notification Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 SEOC - Dose Assessment

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

Capability Target: 4.5 Plume Phase Analysis and Dose Assessment

Core Capabilities: Environmental Response/Health and Safety; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 SEOC - ESF 10

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

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 SEOC - Assessment Room

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the demonstration criterion were carried out in accordance with the plans, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 SEOC - Operations Room

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.1.6 SEOC - Executive Room

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

Capability Target: 4.5 Plume Phase Analysis and Dose Assessment
Core Capabilities: Environmental Response/Health and Safety; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.1.7 SEOC - JIC Public Inquiry Hotline

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

All activities described in the capacity target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.1.8 SEOC JIC

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

All activities described in the capacity target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capacity target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capacity target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.1.9 Public Information/Media Briefing

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.1.10 Ohio PIO

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

Core Capabilities: Public Information and Warning; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.1.11 State Liaisons at Ottawa County EOC

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.1.12 State Liaisons at DBNPS EOF

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 Ohio Out of Sequence

3.2.2.1 MARCS COMM Check

Capability Target: 3.1 Communication

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 DC Briefing - Dosimetry Distribution

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.2.3 Field Monitoring Team Courier

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.2.4 Sample Screening Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.2.5 Field Monitoring Team Coordinator

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

Capability Target: 4.1 Field Monitoring Teams Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.2.6 Field Monitoring Team #13

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

Successfully demonstrated. This capability target requires no narrative.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.2.7 Field Monitoring Team #14

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

Successfully demonstrated – This capability target requires no narrative.

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and the extent-of-play agreement.

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.

3.2.2.8 ODNR Parks & Watercraft - DC Briefing/Dosimetry Distribution

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.2.9 ODNR Parks & Watercraft - Response Operations Interview

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.3 Lucas County In-Sequence

3.2.3.1 Initial Notification Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.3.2 EOC - Executive Room

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.3.3 EOC - Operations Room

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.3.4 EOC - PIO Information Liaison

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.3.5 EOC - Public Inquiry

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.3.6 Lucas County PIO DBNPS

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

Core Capabilities: Public Information and Warning; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 Lucas County Out of Sequence

3.2.4.1 MARCS COMM Check

Capability Target: 3.1 Communication

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 Backup Route Alerting DC Mission Briefings

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 Backup Route Alerting

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 EV-2 School - Transportation Interview

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 EV-2 School - Interview

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 Ottawa County In-Sequence

3.2.5.1 Initial Notification Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 EOC - Executive Group

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the demonstration criterion were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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 EOC - Operations Room

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the demonstration criterion were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.4 EOC - Public Information Assistant

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.5.5 EOC - Public Inquiry Ottawa County EOC

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.6 Incident Command

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.7 Staging Area

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities for Emergency Worker Exposure Control Management is as follows:

L2 Finding 18-23-2-2-L2-001

Description

Emergency workers were unaware of where to return dosimetry, the locations of monitoring and decontamination centers, whom they would report their dosimetry readings, whom to report to regarding the reaching of turnback limits, and who could authorize exceedance of dose limits.

Condition

Emergency Worker Exposure Control Management was not successfully demonstrated until a controller provided more training.

Possible Cause

The laminated sheet placed in the dosimetry worker kits was an abbreviated briefing to be used in conjunction with the emergency worker's Dosimetry Report Forms. The briefing delivered in the Operations Section for emergency workers was incomplete based on this briefing sheet. Subsequently the two emergency workers interviewed were unable to demonstrate knowledge of the emergency worker dosimetry procedures.

Reference

RPM 2019, Rev. 1 EVALUATION CRITERION - K.3 The capability to determine the doses received by emergency workers involved in any commercial Nuclear Power Plant radiological incident is described. Each organization makes provisions for distribution of direct-reading dosimeters (DRDs) and permanent record dosimeters (PRDs). vi. Specific dosimetry instructions, including record keeping of dosimeter readings and return of dosimeters. EVALUATION CRITERION K.3.a Provisions to ensure that DRDs are read at designated intervals and dose records are maintained for emergency workers are described. iii. The methods for obtaining and recording dose readings from emergency workers; iv. The method for maintaining dose records for emergency workers; and v. Appropriate reporting if administrative limits have been reached or exceeded.

Effect

Emergency Workers (EW) were unaware of reporting for monitoring and decontamination and the return of dosimetry records is a health and safety concern. The briefing the EWs received did not include no eating or drinking in the contaminated areas; where they were to record their dosimetry reading turn in their Dosimetry Report Forms; where they were to report for monitoring and decontamination or where the monitoring and decontamination center was located at the end of their shifts.

Subsequently, when interviewed the two emergency workers were not aware of these items and did not read them on their Dosimetry Report Forms in their possession during the interview.

Recommendation

Corrective Action Demonstrated

Replace the laminated, but abbreviated briefing currently in the Incident Command Post Dosimetry Kits storage box with a complete dosimetry briefing sheet for the Dosimetry Control Officers. The briefing should match or reference the information included on the Ottawa County Dosimetry Report Form (Ottawa Co. REP Plan; Sec. 2, p.K-5 and K-6). Information should include at a minimum to whom all dosimetry kits are required to be returned at the end of shift as well as the importance and locations of monitoring and decontamination for EWs.

After a training session facilitated by exercise control staff, the two EWs successfully redemonstrated their knowledge of the emergency exposure control requirements. The EWs stated they understood no eating or drinking was authorized in the contaminated areas. Furthermore, they understood where to record their dosimetry readings, turn in their Dosimetry Report Forms, report for monitoring and decontamination, including the location of the facility for reporting at the end of their shift.

MET: The Capability Target and Core Capability 2.2 Emergency Worker Exposure Control Management identified in the DHS/FEMA approved extent-of-play agreement.

Capability Target: 3.1 Communication

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.8 Ottawa County PIO DBNPS

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

Core Capabilities: Public Information and Warning; Planning

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6 Ottawa County Out of Sequence

3.2.6.1 MARCS COMM Check

Capability Target: 3.1 Communication

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.2 EV-2 School - Transportation Interview

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.3 EV-2 School - Interview

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.4 Backup Route Alerting - DC Mission Briefings (Bay Township Fire)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

3.2.5.5 Backup Route Alerting (Bay Township Fire)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.6 Congregate Care Center

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

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.7 Reception Center - Registration

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

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.8 Monitoring/Decontamination - Evacuee DC Rad Briefing (Fremont)

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.9 Monitoring/Decontamination - Evacuee (Fremont)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

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

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.5.10 Monitoring/Decontamination - Evacuee Vehicles (Fremont)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

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

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.11 Backup Route Alerting - DC Mission Briefings (Portage Fire District)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.12 Backup Route Alerting (Portage Fire District)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.13 Traffic/Access Control Briefing

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.14 Traffic/Access Control Interview

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.15 EW Monitoring/Decontamination Center - DC Rad Briefing (Genoa)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.16 EW Monitoring/Decontamination Center - Emergency Workers (Genoa)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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: 5.2 Monitoring and Decontamination of Emergency workers, Equipment, and Vehicles

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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

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

3.2.6.17 EW Monitoring/Decontamination Center - EW Vehicles (Genoa)

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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: 5.2 Monitoring and Decontamination of Emergency workers, Equipment, and Vehicles

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

All activities described in the capability target were carried out in accordance with the plan, procedures, and extent-of-play agreement.

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.

The analysis of capabilities in Section 3 described the State of Ohio 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, with the exception of the Level 2 Finding in Ottawa County. The capability target was re-demonstrated and corrected on the spot. 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 Davis-Besse Nuclear Power Station.

Based on the results of this exercise and DHS/FEMA's review of the 2022 Annual Letter of Certification submitted by the State of Ohio, the offsite radiological emergency response plans and preparedness of the State of Ohio and the affected local jurisdictions site-specific to the Davis-Besse Nuclear Power Station 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 Davis-Besse Nuclear Power Station will remain in effect.

Despite the current pandemic and other ongoing real-world response efforts, the professionalism and teamwork of the participants was evident throughout all phases of the exercise. 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 appendix summarizes the results from the of the evaluation of all jurisdictions and functional entities that participated in the May 2, 2023, Davis-Besse Nuclear Power Station (DBNPS) Full 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 DBNPS.

The DHS/FEMA evaluation team identified one Level 2 Finding 2.2 (18-23-2-2-L2-001) for Ottawa County. The Level 2 Finding (described in Section 3.2.5.7 of this report and summarized below) concerned emergency worker exposure control management. Capability Target 2.2 was successfully redemonstrated during the exercise. Remedial training and redemonstration successfully resolved Finding 18-23-2-2-L2-001 on May 2, 2023, prior to conclusion of the overall activity. Consequently, the issue identified was classified as a Level 2 Finding that was immediately corrected. The Level 2 Finding is officially closed.

2.2 Finding 18-23-2-2-L2-001

Description

Emergency workers were unaware of where to return dosimetry, the locations of monitoring and decontamination centers, whom they would report their dosimetry readings, whom to report to regarding the reaching of turnback limits, and who could authorize exceedance of dose limits.

Condition

Emergency Worker Exposure Control Management was not successfully demonstrated until a controller provided more training.

Possible Cause

The laminated sheet placed in the dosimetry worker kits was an abbreviated briefing to be used in conjunction with the emergency worker's Dosimetry Report Forms. The briefing delivered in the Operations Section for emergency workers was incomplete based on this briefing sheet. Subsequently the two emergency workers interviewed were unable to demonstrate knowledge of the emergency worker dosimetry procedures.

Reference

RPM 2019, Rev. 1 EVALUATION CRITERION - K.3 The capability to determine the doses received by emergency workers involved in any commercial Nuclear Power Plant radiological incident is described. Each organization makes provisions for distribution of direct-reading dosimeters (DRDs) and permanent record dosimeters (PRDs). vi. Specific dosimetry instructions, including record keeping of dosimeter readings and return of dosimeters. EVALUATION CRITERION K.3.a Provisions to ensure that DRDs are read at designated intervals and dose records are maintained for emergency workers are described. iii. The methods for obtaining and recording dose readings from emergency workers; iv. The method for maintaining dose records for emergency workers; and v. Appropriate reporting if administrative limits have been reached or exceeded.

Effect

Emergency Workers (EW) were unaware of reporting for monitoring and decontamination and the return of dosimetry records is a health and safety concern. The briefing the EWs received did not include no eating or drinking in the contaminated areas; where they were to record their dosimetry reading turn in their Dosimetry Report Forms; where they were to report for monitoring and decontamination or where the monitoring and decontamination center was located at the end of their shifts.

Subsequently, when interviewed the two emergency workers were not aware of these items and did not read them on their Dosimetry Report Forms in their possession during the interview.

Recommendation

Corrective Action Demonstrated

Replace the laminated, but abbreviated briefing currently in the Incident Command Post Dosimetry Kits storage box with a complete dosimetry briefing sheet for the Dosimetry Control Officers. The briefing should match or reference the information included on the Ottawa County Dosimetry Report Form (Ottawa Co. REP Plan; Sec. 2, p.K-5 and K-6). Information should include at a minimum to whom all dosimetry kits are required to be returned at the end of shift as well as the importance and locations of monitoring and decontamination for EWs.

After a training session facilitated by exercise control staff, the two EWs successfully redemonstrated their knowledge of the emergency exposure control requirements. The EWs stated they understood no eating or drinking was authorized in the contaminated areas. Furthermore, they understood where to record their dosimetry readings, turn in their Dosimetry Report Forms, report for monitoring and decontamination, including the location of the facility for reporting at the end of their shift.

Appendix A: Exercise Timeline

Davis-Besse Nuclear Power Station 2023 HAB Exercise Timeline

Emergency Classification Level Event or Action	Time Utility Declared	Eastern Daylight Time that Notification was received, or action was taken									
		EOF	SEOC Dose Assessment	SEOC Executive	SEOC Assessment	SEOC OPS	Ottawa County	Lucas County	SEOC JIC	DBNPS JIC	Incident Command Post
HAB Notification: 0746	NA	NA	NA	0757	0801	NA	0757	0759	NA	NA	0759
Site Area Emergency:	0757	0814	0815	0812	0804	0808	0802	0806	0813	NA	0815
General Emergency:	1012	1012	1013	1024	1030	1024	1025	1025	1025	1022	1027
Radioactive Materials Release Started:	1007	1007	1013	1024	1030	1024	1025	1025	1025	1027	1018
Radioactive Materials Release Ended:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Facility Declared Operational:		0905	0830	0830	0830	0830	0836	0834	0825	0906	0919
Declaration of State/Local Emergency:		NA	0935	0935	0935	0935	0835	0836	0935	State 1024 Ottawa 0835 Lucas 0836	NA
Exercise Terminated:		1211	1230	1230	1230	1230	1208	1212	1230	1219	1215
Early Precautionary Action Recommendations:											
1. Relocate School Children:		0932	0857	0857	0857	0857	0844	0850	0857	Lucas 0857 Ottawa 0915	0841
2. Restrict Boating Traffic:		0920	0950	0850	0950	0950	0850	0934	0950	0915	NA
3. Restrict Air:		0920	0950	0839	0950	0950	0839	0934	0950	0915	NA
4. Restrict Rail:		0920	0950	0840	0950	0950	0840	0934	0950	0915	NA
5. Close Parks:		0920	0950	0850	0950	0950	0850	0933	0950	0915	0849
6. Livestock Advisory		0920	0950	0950	0950	0903	0903	0940	0950	0950	0905
General Information Message Only:		0916	0836	0836	0836	0836	0858	0900	0836	NA	NA
1st Siren Activation		NA	0905	0905	0905	0905	0905	0905	0905	0905	0901
1st EAS Message: B		NA	0908	0908	0908	0908	0912	0908	0908	0908	0901
1st Protective Action Recommendation:		1040	1037	1037	1037	1037	1037	1037	1037	1058	NA
1st Protective Action Decision: <input type="checkbox"/> No Action <input type="checkbox"/> Shelter-In-Place Sub-Areas [List]: <input checked="" type="checkbox"/> Evacuate Sub-Areas: 1, 2, 5, 6, 7, 8, 12 DRD Correction Values: 1R→5 rem		1055	1046	1046	1046	1046	1046	1046	1046	1049	1047
2nd Siren Activation:		NA	1055	1055	1055	1055	1055	1055	1055	1055	1055
2nd EAS Message: D		NA	1058	1058	1058	1058	1058	1058	1058	1058	1058
KI Administration Recommendation:											
Emergency Worker:		1047	1046	1046	1046	1046	1046	1046	1046	1049	1047
Institutionalized Persons:		1047	1046	1046	1046	1046	1046	1046	1046	1049	1047
General Public:		1047	1046	1046	1046	1046	1046	1046	1046	1049	1047

Appendix B: Participating Organizations

Federal Organizations

Federal Bureau of Investigation
Nuclear Regulatory Commission
United States Coast Guard
United States Department of Homeland Security/Federal Emergency Management Agency

State of Ohio

Civil Air Patrol, Ohio Wing
Department of Administrative Services
Ohio Department of Aging
Ohio Department of Agriculture
Ohio Department of Health
Ohio Department of Jobs and Family Services
Ohio Department of Natural Resources
Ohio Department of Public Safety
Ohio Department of Transportation
Ohio Emergency Management Agency
Ohio Environmental Protection Agency
Ohio Fire Chiefs' Association
Ohio Geographically Referenced Information Program
Ohio National Guide
Ohio State Highway Patrol
Ohio State University Extension
Public Utilities Commission of Ohio
State Fire Marshal

Lucas County

Lucas County 9-1-1
Lucas County Board of County Commissioners
Lucas County Emergency Management Agency
Lucas County Emergency Services
Lucas County Engineer Office
Lucas County Jobs and Family Services
Lucas County Sheriff's Office
Oregon-Clay School District
Toledo Fire and Rescue Department

Ottawa County

Allen-Clay Joint Fire District
Bay Township Fire Department
Carroll Township Fire-Emergency Medical Services
Erie Township Fire Department
Fremont Fire Department
Genoa Area Local Schools
Harris-Elmore Fire Department
Lindsey Fire Department

Ottawa County (continued)

Mid County Emergency Medical Services
Ottawa County Administrator
Ottawa County Commissioners
Ottawa County Department of Job and Family
Ottawa County Emergency Management Agency
Ottawa County Engineer
Ottawa County Health Department
Ottawa County Information Technology
Ottawa County Maintenance Department
Ottawa County Schools
Ottawa County Sheriff's Office
Port Clinton Fire and Rescue
Portage Fire District
Sandusky County CERT
Sandusky County Emergency Management Agency
Sandusky County Job and Family Services
Sandusky County Health Department
Sandusky Township Fire Department

Private Organizations

American Red Cross
Amateur Radio Emergency Services
Energy Harbor (DBNPS Owner/Operator)

Appendix C: Evaluation Team

Exercise Management	Name	Agency/ Organization
Chair, Regional Assistance Committee	Sean O’Leary	DHS/FEMA
Exercise Director	Edward Golinski	DHS/FEMA
Assistant Exercise Director	Stephen Tulley	DHS/FEMA
Ohio Site Specialist	Todd Trygier	DHS/FEMA
Team Leader- State of Ohio	Brian Reinhart	DHS/FEMA
Team Leader – Lucas County	Angela Cloutier	DHS/FEMA
Team Leader – Ottawa County	Edward Diaz	DHS/FEMA
Contractor Evaluator Support – Regional Coordinator	Marcy Campbell	ICFI
Contractor Scenario Technical Reviewer	Jill Leatherman	ICFI

Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
State of Ohio		
MARCS Communication Check	Brian Reinhart	DHS/FEMA
DC Briefing – Dosimetry Distribution	Marcy Campbell	ICFI
Field Monitoring Team Courier	Marcy Campbell	ICFI
Sample Screening Point	Marcy Campbell	ICFI
Field Monitoring Team Coordinator	Marcy Campbell	ICFI
Field Monitoring Team #13	Deborah Blunt	ICFI
Field Monitoring Team #14	Tom Essig	ICFI
ODNR Parks & Watercraft - DC Briefing/Dosimetry Distribution	Tom Essig	ICFI
ODNR Parks & Watercraft - Response Operations Interview	Tom Essig	ICFI
Initial Notification Point	William McDougall	ICFI
State EOC – Dose Assessment Room	Deborah Blunt	ICFI
State EOC – Dose Assessment Room	Jill Leatherman	ICFI
State EOC – ESF #10 – Operations Room	Jill Leatherman	ICFI
State EOC – Assessment Room	Carl Bebrich	DHS/FEMA
State EOC – Operations Room	William McDougall	ICFI
State EOC – Executive Room	Steven Watts	ICFI
State EOC – Executive Room	Bruce Swiren	ICFI
State EOC – JIC Public Inquiry	Peter Judge	ICFI
State EOC – JIC	Peter Judge	ICFI
Public Information/Media Briefings	Debra Schneck	DHS/FEMA
Ohio PIO – DBNPS JIC	PJ Nied	ICFI
State LNOs at DBNPS EOF	Marcy Campbell	ICFI
State LNOs at Ottawa County EOC	Brad McRee	ICFI

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Lucas County		
MARCS Communication Check	Brian Reinhart	DHS/FEMA
Lucas County EOC – Initial Notification Point	Curtis Williams	DHS/FEMA
Lucas County EOC – Executive Room	Anthony Adduci	DHS/FEMA
Lucas County EOC – Operations Room	Rosemary Samsel	ICFI
Lucas County EOC – Operations Room	Doc Burriss	ICFI
Lucas County EOC – Operations Room	Tom Gahan	ICFI
Lucas County EOC – PIO Information Liaison	Margert Swearingen	ICFI
Lucas County EOC – Public Inquiry	Margert Swearingen	ICFI
Lucas County PIO at DBNPS	PJ Nied	ICFI
Backup Route Alerting - DC Mission Briefings	Curtis Williams	DHS/FEMA
Backup Route Alerting	Tom Gahan	ICFI
EV-2 School - Transportation Interview	Roger Winkleman	ICFI
EV-2 School – Interview	Roger Winkleman	ICFI
Ottawa County		
MARCS Communication Check	Brian Reinhart	DHS/FEMA
Ottawa County EOC – Initial Notification Point	David Persaud	DHS/FEMA
Ottawa County EOC – Executive Room	Todd Lawson	DHS/FEMA
Ottawa County EOC – Operations Room	Todd Lawson	DHS/FEMA
Ottawa County EOC – Operations Room	David Persaud	DHS/FEMA
Ottawa County EOC – Operations Room	Don Carlton	ICFI
Ottawa County EOC – Public Information Assistant	Kevin Reed	ICFI
Ottawa County EOC – Public Inquiry	Kevin Reed	ICFI
Incident Command	Brett Beardsley	DHS/FEMA
Staging Area	Darren Bates	DHS/FEMA
Ottawa County PIO at DBNPS	PJ Nied	ICFI
EV-2 School - Transportation Interview	Brian Reinhart	DHS/FEMA
EV-2 School - Interview	Brian Reinhart	DHS/FEMA
Backup Route Alerting - DC Mission Briefings	Herb Massie	ICFI
Backup Route Alerting	Herb Massie	ICFI
Congregate Care Center	Herb Massie	ICFI
Reception Center - Registration	Cheryl Weaver	ICFI
Mon/Decon - Evacuee DC Rad Briefing	Cheryl Weaver	ICFI
Mon/Decon - Evacuee	Marynette Herndon	ICFI
Mon/Decon - Evacuee Vehicles	Carol Shepard	ICFI
Backup Route Alerting - DC Rad Briefing	Sara Davis	ICFI
Backup Route Alerting	Jon Christiansen	ICFI
Traffic/Access Control Briefing	Jon Christiansen	ICFI
Traffic/Access Control Interview	Jon Christiansen	ICFI
EW Mon/Decon Center - DC Rad Briefing	Sara Davis	ICFI
EW Mon/Decon Center- Emergency Worker	Marynette Herndon	ICFI
EW Mon/Decon Center - EW Vehicles	Carol Shepard	ICFI

Appendix D: Acronyms and Abbreviations

ACRONYM	DESCRIPTION
CFR	Code of Federal Regulations
COMM	Communication
DBNPS	Davis-Besse Nuclear Power Station
DC	Dosimetry Coordinator
DHS/FEMA	Department of Homeland Security/Federal Emergency Management Agency
DRD	Direct-Reading Dosimeter
EAS	Emergency Alert System
EOC	Emergency Operations Center
ESF	Emergency Support Function
EW	Emergency Worker
HAB	Hostile Action Based
ICFI	ICF International, Inc.
JIC	Joint Information Center
KI	Potassium Iodide
LNO	Liaison Officer
MARCS	Multi-Agency Radio Communication System
Mon/Decon	Monitoring/Decontamination
NRC	Nuclear Regulatory Commission
ODNR	Ohio Department of Natural Resources
PRD	Permanent Record Dosimeter
R	Roentgen
RAC	Regional Assistance Committee
rem	Roentgen equivalent man
REPP	Radiological Emergency Preparedness Program
SEOC	State Emergency Operations Center

Appendix E: Onsite/Offsite Scenario Timeline

Davis-Besse Nuclear Power Station Evaluated Exercise Onsite / Offsite Scenario Conditions May 2, 2023			
Color Key: BOLD BLUE - ECL Declarations BOLD BLACK - Start of Release Blue - Utility Actions Red - State Actions Purple - Ottawa County Actions Green - Lucas County Actions			
Note: The State's and Counties' expected actions, as listed, may not be performed in the order shown.			
Approximate Time	State of Ohio Expected Actions	Ottawa County Expected Actions	Lucas County Expected Actions
Initial Conditions The plant is at 100% power. The plant has been operating at or above 90% power for the last 200 days. Protected Train is Train 1. All plant chemistry parameters are stable and in specification. Service Water Pump #2 has been removed from service for motor refurbishment. Completion is expected on May 4, 2023.			
Meteorological Conditions Wind is from 340° at 12 mph. Stability Class F. Overcast with no precipitation is forecast.			
Other Conditions Schools are in session. Staff at the station is at a minimum due to an "outage success day" awarded to employees at the station.			

7:45 AM		StartEx at DPBNS	
7:46 AM	Eight adversaries observed near Restricted Owner Controlled Area (ROCA) fence. Carrying backpacks with long guns visible, they place an explosive charge on the fence. The detonation breaches the fence. Two adversaries remain at the breach. Six adversaries enter the ROCA.		
	Security personnel implement the security response contingency plan.		
7:47 AM	Secondary Alarm Station Operator notifies the Ottawa County Sheriff's Department of the security event.		
		Ottawa County Sheriff's Department is notified of security event occurring at the plant.	
		Ottawa County Sheriff activates Incident Command.	Lucas County is notified of Incident Command activation.
7:48 AM	The two adversaries at the breached fence engage protected area security cameras with scoped rifles. The cameras are reported to no longer be working along the south protected area boundary.		
	The group of six adversaries head towards the south protected area boundary while using suppressive fire on security positions.		
7:51 AM	Control Room Staff implements Security Events or Threats procedure and begins Control Room actions for imminent attack, including tripping the reactor and manipulations to put the plant in as safe as possible a state of readiness prior to an attack.		
		Ottawa County EOC activates.	Lucas County EOC activates.
		Ottawa County alerts and mobilizes key personnel.	Lucas County alerts and mobilizes key personnel.
7:52 AM	Following the reactor trip, #2 Once-through Steam Generator (OTSG) level control valve fails to energize and remains open. An atmospheric vent valve also fails open on #2 OTSG.		
7:59 AM	Adversaries explosively breach the south protected area fence. Two adversaries gain access to the protected area. Four adversaries are neutralized.		
	Two adversaries at the ROCA fence breach perform sniper fire from their location.		

8:00 AM	As a result of the reactor trip, reactor vessel internals shift leading to fuel channel blockage in several adjacent fuel assemblies. Insufficient cooling creates dry out conditions causing fuel cladding failures.		
8:01 AM	DBNPS declares an SITE AREA EMERGENCY based on EAL HS1.1, "A hostile action is occurring or has occurred within the protected area as reported by the Security Shift Supervisor."		
8:04 AM	Two adversaries in the protected area are heading towards the maintenance shop.		
8:06 AM	The two adversaries at the ROCA breach are neutralized.		
8:09 AM	Station Air Compressor #1 and Emergency Instrument Air Compressor experience catastrophic damage during firefight.		
8:10 AM	The remaining two adversaries inside the protected area are neutralized.		
8:16 AM	Offsite response agencies notified of SITE AREA EMERGENCY declaration.		
	Coordination call with Ohio EMA leadership discusses possible actions.		
	State fully activates State EOC.		
	Watch Office sends eNotify notifications to Ohio EMA staff, State EOC partner agencies, contiguous governments, FEMA, and NRC. All Emergency Support Functions (ESFs) are requested to report to the State EOC.		
	Complete actions under ALERT.	Complete actions under ALERT.	Complete actions under ALERT.

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8:25 AM	Containment radiation levels begin rising and containment accident range radiation monitors (RE 4596 A/B) begin to rise.		
	Containment radiation levels exceed 15 R/hr on RE 4596 A/B. Indicates loss of RCS fission product barrier.		
	State agencies alert and mobilize staff to support response.		
	Establish EOC security.	Establish EOC security.	Establish EOC security.
	State Liaisons are dispatched to the Ottawa County EOC.		
8:57 AM	DBNPS EOF and DBNPS JIC are activated.		
	EOF Emergency Director assumes response responsibilities.		
	Public Information Officer (PIO) is dispatched to the DBNPS JIC.	Dispatch PIO to DBNPS JIC.	Dispatch PIO to DBNPS JIC.
	State Liaisons are dispatched to the DBNPS Emergency Operations Facility (EOF).	Consider sending Liaison to Emergency Operations Facility.	Consider sending Liaison to Emergency Operations Facility.
	Federal Aviation Administration is requested to restrict air traffic 10-miles, 10,000 feet around DBNPS.		
	Norfolk-Southern is requested to restrict trains from entering the 10-mile EPZ.		
	Dose Assessment begins to monitor plant conditions and run dose projections.		
	Executive Room (ER) establishes communications with counties.	Establish communications with State and Lucas County.	Establish communications with State and Ottawa County.

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9:15 AM	Incident Command Post (ICP) is established by local law enforcement at the Carroll Township Service complex.		
		Mobilize Fire/EMS departments as warranted.	Mobilize Fire/EMS departments as warranted.
		Mobilize bus drivers as warranted.	Mobilize bus drivers as warranted.
9:17 AM	Incident Command Post (ICP) is established by local law enforcement at the Carroll Township Service complex.		
			Buckeye State Sheriff Association Mobile Communication Unit 8 (BSSA 8) is placed on stand-by at the Jerusalem Twp. Substation.
	ER considers issuing an SAE Protective Action Recommendation (PAR) for 10-mile EPZ to monitor EAS.		
		If State issues an SAE PAR, Ottawa County considers issuing a Protective Action Decision (PAD).	If State issues an SAE PAR, Lucas County considers issuing a PAD.
		Notify State, appropriate facilities, agencies, and personnel of PADs, if necessary.	Notify State, appropriate facilities, agencies, and personnel of PADs, if necessary.
		Activate sirens and EAS/NOAA for public alert and notification, if necessary.	Note: Ottawa County will activate sirens and EAS/NOAA for public alert and notification, if necessary.
	Governor may declare a state of emergency.	Ottawa County Commissioners declare a state of emergency.	Lucas County Commissioners declare a state of emergency.

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9:30 AM	Emergency Diesel Generator #1 locks out.		
	Department of Administrative Services (DAS) suspends purchasing and contracting requirements during the period of the emergency.		
	ER discusses clearing Lake Erie and closing navigable waterways with the Counties.	Discuss restricting boating in Sub-Area 12 with State and Lucas County.	Discuss restricting boating in Sub-Area 12 with State and Ottawa County.
	When approved, ESF-9 contacts US Coast Guard to coordinate clearing Lake Erie and asks the Sandusky Office to mobilize staff & watercraft to clear Lake Erie & navigable waterways.		
	ER considers whether or not to issue an ag advisory placing livestock and poultry within 10-mile radius on stored feed and protected water.		
	Field Monitoring Teams (FMTs) and Sample Screeners are mobilized and dispatched to staging area.		
	ER discusses closing State properties with the Counties.	Discuss closing the Magee Marsh Wildlife Area with State and Lucas County.	Discuss closing the Magee Marsh Wildlife Area with State and Ottawa County.
	ER discusses closing Ottawa Wildlife Refuge with the Counties.	Discuss closing the Ottawa Wildlife Refuge with State and Lucas County.	Discuss closing the Ottawa Wildlife Refuge with State and Ottawa County.

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	If approved, ESF-9 contacts the Refuge regarding closure and closes State properties.		
10:06 AM	The #2 OTSG experiences a tube rupture.		
	Containment radiation levels begin to rise rapidly to 12900 R/hr.		
	A non-routine release is in progress.		
		Ensure relocation of EPZ schools.	Consider relocation of Jerusalem Elementary.
	Public Inquiry begins taking calls from the public.	Public Inquiry begins taking calls from the public.	Public Inquiry begins taking calls from the public
		Public Inquiry begins taking calls from the public.	
			Notify special needs and transportation dependent individuals.
		Ensure the public has been notified through route verification.	Conduct Route Verification.
			Mobilize bus drivers.
	50-mile counties are notified.		
		Activate emergency worker monitoring & decontamination facilities.	Staff emergency worker monitoring & decontamination facilities.
			Staff reception center and evacuee monitoring & decontamination facilities.
			Staff primary care center.
	USDOE assistance is requested.		
		Consider activating Traffic and Access Control Points (T/ACPs).	Consider activating T/ACPs.

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		Maintain evacuation routes.	Maintain evacuation routes.
	News releases are issued. Press briefings occur at the DBNPS JIC.	News releases are issued. Press briefings occur at the DBNPS JIC.	News releases are issued. Press briefings occur at the DBNPS JIC.
10:21 AM	A GENERAL EMERGENCY is declared based on EAL FG1 "Loss of any two barriers and loss or potential loss of third barrier."		
10:36 AM	Offsite response agencies notified of General Emergency declaration.		
	PAR issued by State to evacuate 2-mile 360, 10-mile downwind. Remainder of EPZ stay tuned to EAS.		
	State PAR includes public, institutionalized, and emergency workers within the evacuated areas ingest KI.		
	State EOC representatives are advised of the escalation to a General Emergency.		
	State EOC representatives are advised of the State PAR, including Sub-Areas to evacuate and if any KI is recommended for emergency workers.	County is advised of the State PAR, including Sub-Areas to evacuate and KI is recommended for emergency workers, institutionalized individuals, and the public.	County is advised of the State PAR, including Sub-Areas to evacuate and KI is recommended for emergency workers, institutionalized individuals, and the public.
		Consider recommending administration of KI to emergency workers, institutionalized individuals and the general public if State PAR includes it.	Consider recommending administration of KI to emergency workers, institutionalized individuals and the general public if State PAR includes it.

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		County determines protective action decision.	County determines protective action decision.
		Notify State, appropriate facilities, agencies, and personnel of PAD.	Notify State, appropriate facilities, agencies, and personnel of PAD.
		Activate all 10-mile EPZ sirens and issue EAS for public alert and notification.	
		Disseminate recommendation to take KI to emergency workers, institutionalized individuals, and the general public, if included in the PAD.	Disseminate recommendation to take KI to emergency workers, institutionalized individuals, and the general public, if included in the PAD.
		Notify industries located within the 10-mile EPZ.	
	Complete actions under ALERT and SITE AREA EMERGENCY.	Complete actions under ALERT and SITE AREA EMERGENCY.	Complete actions under ALERT and SITE AREA EMERGENCY.
		Activate T/ACPs.	Activate T/ACPs.
	State may request implementation of the NRF and a Presidential Emergency Declaration. State may consider requesting a Federal Major Disaster Declaration, dependent upon contamination and extent of event.		
	Additional notifications to be performed by Assessment, including: contiguous		

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	governments, 50-mile counties, FEMA V, NRC III.		
	Dose Assessment continues to monitor plant conditions and run dose projections.		
		Conduct backup route alerting, if necessary.	Conduct backup route alerting, if necessary.
		Ensure the public has been notified through route verification.	Conduct Route Verification.
	FMTs begin taking air samples in the plume. Samples are screened and sent to the lab.		
			Activate emergency worker monitoring and decontamination station.
			Activate reception center and evacuee monitoring and decontamination station.
			Activate primary care center.
		Provide transportation for institutionalized individuals, special populations, and transportation dependent individuals.	Relocate special populations and transportation dependent individuals to reception center or appropriate receiving facilities.
		Provide security for evacuated areas.	Provide security for evacuated areas.
	Monitor emergency worker exposures.	Monitor emergency worker exposures.	Monitor emergency worker exposures.

	Public inquiry continues to field calls at the SEOC.	Public inquiry continues to field calls.	Public inquiry continues to field calls.
	News releases are issued. Press briefings occur at the DBNPS JIC.	News releases are issued. Press briefings occur at the DBNPS JIC.	News releases are issued. Press briefings occur at the DBNPS JIC.
12:00 PM	EndEx (with concurrence of DNBPS, State of Ohio, and Ottawa and Lucas Counties)		

Appendix F: Extent-of-Play Agreements

Nuclear Power Plant Exercise

Davis-Besse Nuclear Power Station

Radiological Emergency Preparedness (REP) Program

Extent-of-Play Agreement for the State of Ohio

May 2, 2023

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Section 1: Exercise Overview

Purpose

The purpose of this Extent-of-Play (EOP) Agreement identifies the conditions that will be used to conduct, control and evaluate the 2023 Davis-Besse Nuclear Power Station (DBNPS) 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 for the State of Ohio.

In-sequence activities will occur on May 2, 2023. The State of Ohio will fully participate in this exercise, sufficient to support the demonstrations described in this EOP. The State of Ohio will be participating to support Lucas and Ottawa Counties.

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

- State Initial Warning Point – State Emergency Operations Center (EOC)
- State Emergency Operations Center – State EOC
- Dose Assessment – State EOC, DBNPS Emergency Operations Facility (EOF), Ottawa County EOC
- Joint Information Center (JIC) – State EOC, DBNPS JIC

Participants being evaluated at the various locations are:

- DBNPS EOF – Ohio Department of Health (ODH) EOF Liaison, Ohio Emergency Management Agency (EMA) EOF Liaison
- DBNPS JIC – Utility JIC Public Information Officer (PIO)
- Ottawa County EOC – ODH County EOC Liaison, Ohio EMA County EOC Liaison
- State EOC
 - Assessment – Information & Planning Section Chief
 - Dose Assessment – Field Monitoring Team (FMT) Communicator, Formal Line Communicator, Group Supervisor, QA Systems Operator, Radiological Assessment Branch Director, Systems Operator, Unit Leader
 - Executive Room – Executives from Department of Public Safety, Ohio Department of Health (ODH), Ohio EMA, Ohio Environmental Protection Agency (EPA), and Ohio State Highway Patrol (OSHP)
 - Operations Floor – EOC Manager, Operations Section Chief

- State JIC – JIC Manager, JIC Writer, ODH JIC Subject Matter Expert, OSHP Representative, Public Inquiry, Social Media Manager, State JIC PIO

Out of sequence activities will occur at the Fremont Airport and Ohio Department of Natural Resources (ODNR) Parks & Watercraft. The activities will be managed independently. (See Table 1.)

Participants being evaluated at the various locations are:

- Fremont Airport – FMTs, FMT Coordinator, FMT Courier, Sample Screeners (April 25, 2023; 10:00 am EDT)
- ODNR Parks & Watercraft – ODNR Personnel (May 1, 2023; 10:00 am EDT)

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- and Out-of-Sequence Play activities are summarized in Table 1 below. Additional information is provided in Section 4.

Table 1 – Schedule of Activities*(All in-sequence times are approximations.)*

Activity	ORO/Location	Date/Time
Pre-Exercise Briefing	Hampton Inn – Toledo/Oregon 2931 Navarre Oregon, OH 43616 State EOC – Room 204 2855 W Dublin-Granville Rd Columbus, OH 43235	May 1, 2023 2:00 PM
Evaluator Briefing	State EOC – Room 120 2855 W Dublin-Granville Rd Columbus, OH 43235	May 2, 2023 7:00 AM
Initial Notification	State EOC – Room 121 2855 W Dublin-Granville Rd Columbus, OH 43235	May 2, 2023 Start of Exercise
MARCS Radio Test	Fremont Airport 365 OH-53 Fremont, OH 43420	April 25, 2023 10:45 AM
Dose Assessment	State EOC – Room 115 2855 W Dublin-Granville Rd Columbus, OH 43235 Ottawa County EOC 315 Madison Street Port Clinton, OH 43452 DBNPS EOF Lindsey Emergency Response Facility 1240 South Main Street Lindsey, Ohio 43442	May 2, 2023 8:00 AM
Emergency Support Function (ESF) 10 Dose Exceedance	State EOC – Room 110 2855 W Dublin-Granville Rd Columbus, OH 43235	May 2, 2023 End of Exercise
Field Monitoring Teams (FMTs) / FMT Coordinator / FMT Courier / Sample Screening	Fremont Airport 365 OH-53 Fremont, OH 43420	April 25, 2023 10:00 AM

Activity	ORO/Location	Date/Time
Ohio Department of Natural Resources (ODNR) Lake Clearing	Sandusky Watercraft Office 1407 Cleveland Rd Sandusky, OH 44870	May 1, 2023 10:00 AM
FEMA Debrief	Ottawa County EOC 315 Madison Street Port Clinton, OH 43452	May 5, 2023 10:00 AM
FEMA Public Meeting	Ottawa County EOC 315 Madison Street Port Clinton, OH 43452	May 5, 2023 11:00 AM

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, include the following: 1.5, 2.2, 4.2, 4.3, 5.1, 5.2, 5.3, Capability Targets may be re-demonstrated as approved on a case-by-case basis by the Chairperson, FEMA Region V Regional Assistance Committee: 1.3, 1.4, 2.1, 3.2, 3.3, 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
Communications	Public Information and Warning	Objective 3: Alert and Notification
FMTs, FMT Coordinator, FMT Courier, Sample Screeners	Operational Coordination	Objective 3: Alert and Notification

Activity	Core Capability	Exercise Objective
	Environmental Response/Health and Safety	Objective 4: Detect, Measure, Sample, Analyze, and Access

Activity	Core Capability	Exercise Objective
State Emergency Operations Center	Operational Coordination Public Information and Warning	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 3: Alert and Notification
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

The State of Ohio will use the following references, plans, and procedures during exercise play:

Federal

EPA, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents, EPA-400-R-92-001, May 1992

EPA, PAG Manual: Protective Action Guides and Planning Guidance for Radiological Incidents, March 2013

EPA, PAG Manual: Protective Action Guides and Planning Guidance for Radiological Incidents, EPA-400/R-17/001, January 2017

FDA, Guidance on Potassium Iodide as a Thyroid Blocking Agent in Radiation Emergencies, 2001

FEMA, Radiological Emergency Preparedness Program Manual, FEMA P-1028, December 2019

FRMAC Assessment Manual, Volume 1, Overview and Methods, SAND2020-10446R, July 2020

FRMAC Assessment Manual, Volume 2, Pre-assessed Default Scenarios, SAND201-2575P, February 2010

State of Ohio Emergency Operations Plan

Ohio Department of Health

HEA5413 Emergency Worker Dose Increase Worksheet

RAD-REP-0349 ODH Dose Assessment Team (ODAT) Systems Operator: Emergency/Intermediate Phases

RAD-REP-0350 ODAT Group Supervisor/Unit Leader: Emergency Phase

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RAD-REP-0351 ODAT Quality Assurance (QA) Systems Operator: Emergency/Intermediate Phases

RAD-REP-0352 ODAT Informal Line: Emergency Phase

RAD-REP-0353 ODAT Utility EOF Liaison: Emergency Phase

RAD-REP-0354 ODAT County EOC Liaison: Emergency Phase

RAD-REP-0355 Field Sample Screening Stations: Radiological Response

RAD-REP-0356 JIC Radiological Subject Matter Expert (SME): Emergency Phase

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Ohio Emergency Management Agency

2023 Ohio Radiological Emergency Preparedness (REP) Plan

650 – Radiological Assessment Branch Director

653 – Assessment Room Activation

657 – FMT Coordinator

658 – FMT Member

659 – Dosimetry Coordinator

660 – FMT Courier

665 – Radiological EOC Support

666 – Executive Room Liaison

668 – Formal Line Communicator

669 – Lake Erie Restriction and Clearance (ODNR)

670 – Executive Room Activation

671 – Executive Room

Ohio Environmental Protection Agency

FMT Communicator (Ohio EPA)

Exercise Participants

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

Amateur Radio Emergency Services

Civil Air Patrol, Ohio Wing

Ohio Department of Administrative Services

Ohio Department of Agriculture

ODH

Ohio Department of Jobs & Family Services

Ohio Department of Natural Resources

Ohio Department of Public Safety

Ohio Department of Transportation

Ohio EMA

Ohio Emergency Medical Services

Ohio EPA

Ohio National Guard

OSHP

Ohio State University Extension

Public Utilities Commission of Ohio

State Fire Marshal

United States Coast Guard

United States Nuclear Regulatory Commission

Section 3: Objectives and Exceptions

Objective 1: Emergency Operations Management

Capability Target 1.1: Mobilization

Individuals with roles in support of emergency operations are identified, alerted, and mobilized in a timely manner. (1.a.1)

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: The State of Ohio will fully activate and mobilize personnel to the State EOC and will mobilize personnel to the Ottawa County EOC, DBNPS EOF, and DBNPS JIC. For evaluated participants at each location, refer to Scope.

Assessment	Venue(s)	Extent-of-Play
Alert, notify, and mobilize key personnel, to include a 24-hour staffing roster, and activate facilities in a timely manner.	DBNPS EOF DBNPS JIC Ottawa County EOC State EOC Fremont Airport ODNR Parks & Watercraft	<p>Exception:</p> <p>In-sequence: Some players may be pre-staged outside the venue (Ottawa County EOC, DBNPS EOF, DBNPS JIC) due to travel times. Participants at the State EOC will either be pre-staged in Room 204 or Ohio EMA offices. The FMT Coordinator will be staffed by a Controller who will arrive at the Ottawa County EOC near the start of the exercise and will not be evaluated for this Capability Target.</p> <p>Out-of-sequence: FMTs, FMT Coordinator, and FMT Courier will pre-stage at the Fremont Airport at 10:00 AM. Sample Screening will arrive at approximately 12:00 PM.</p>

Assessment	Venue(s)	Extent-of-Play
Receive and verify notifications.	State EOC	Exception: None.
Identify and request additional resources, as needed.	State EOC	Exception: No actual resources will be requested.
Determine a facility is operational.	State EOC	Exception: None.

Capability Target 1.2: Direction and Control

Individuals in leadership roles provide direction and control to the portion of the overall response effort for which they are responsible. (1.c.1)

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: Direction and control will be demonstrated at the State EOC, Ottawa County EOC, DBNPS EOF, and DBNPS JIC. Out-of-sequence direction and control will be demonstrated at ODNR Parks & Watercraft and at Fremont Airport by the FMT Coordinator.

Assessment	Venue(s)	Extent-of-Play
Support protective action decision-making.	DBNPS EOF DBNPS JIC Ottawa County EOC State EOC Fremont Airport ODNR Parks & Watercraft	Exception: In-sequence: None Out-of-sequence: None.
Conduct briefings in a timely manner.	State EOC DBNPS JIC	Exception: None.

Assessment	Venue(s)	Extent-of-Play
Maintain situational awareness.	DBNPS EOF DBNPS JIC Ottawa County EOC State EOC Fremont Airport ODNR Parks & Watercraft	Exception: In-sequence: Due to the current process of reviewing and revising the policy, the Executive Room will not discuss the potential closure of water intakes at Site Area Emergency. Out-of-sequence: None.
Coordinate response activities with other organizations.	State EOC Ottawa County EOC Fremont Airport	Exception: In-sequence: The FMT Coordinator Controller will interface with Law Enforcement at the Ottawa County EOC. However, no other function of that role will be evaluated in-sequence. Out-of-sequence: The FMT Coordinator will not be evaluated for coordinating with Law Enforcement.
Obtain resources to support emergency operations.	State EOC	Exception: No actual resources will be acquired.
Provide and maintain adequate facilities and equipment to support the emergency response.	State EOC	Exception: None.

Capability Target 1.3: Protective Action Recommendations

Appropriate Protective Action Recommendations (PAR) are selected based on available information and other factors. (2.b.1)

- 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:** State Dose Assessment will analyze dose projections and simulated field monitoring data to develop or modify PARs.

Assessment	Venue(s)	Extent-of-Play
Select and implement pre-planned precautionary protective actions.	State EOC	Exception: The State of Ohio does not implement precautionary protective actions.
Utilize the methodology in plans/procedures to select among a range of protective actions most appropriate in a given emergency. This could also include the use of preplanned precautionary protective actions contained in plans/procedures.	State EOC	Exception: None.
Develop PARs.	State EOC	Exception: None.
Transmit PARs in a timely manner.	State EOC	Exception: None.
Assess radiological consequences and provide appropriate PARs for the ingestion exposure pathway.		Exception: Will not be demonstrated in the 2023 DBNPS exercise.

Capability Target 1.4: Protective Action Decisions for the Plume Phase

Appropriate PADs are based on available information for the plume phase. (2.b.2, 2.c.1)

- Intent:** The capability to utilize appropriate factors and necessary coordination in the decision-making process used to make Protective Action Decisions (PAD) 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:** Not applicable.

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

Implement decisions for those populations and areas subject to plume phase protective actions. (3.b.1, 3.c.1, 3.c.2)

- 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: Not applicable.

Capability Target 1.6: Protective Action Decisions for the Post-Plume

Appropriate PADs are based on available information for the post-plume phase. (2.d.1, 2.e.1)

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: Not applicable.

Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase

Implement decisions for those populations and areas subject to post-plume phase protective actions. (3.e.1, 3.e.2, 3.f.1)

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: Not applicable.

Objective 2: Exposure Control

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

A decision-making process involving consideration of appropriate factors and necessary coordination is used to ensure that an exposure control system is in place for emergency workers and includes the use of radioprotective drugs and procedures to authorize emergency exposures in excess of the Protective Action Guides (PAG). (2.a.1)

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.

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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.

Assessment	Venue(s)	Extent-of-Play
Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Maintain record of dose as a result of exposure.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Authorize exposures and dose in excess of identified limits.	State EOC	Exception: Timing of the dose exceedance demonstration will be coordinated with the assigned Evaluator.
Process for considering occupational exposures and to authorize individuals to receive doses in excess of occupational dose limits.	State EOC	Exception: Timing of the dose exceedance demonstration will be coordinated with the assigned Evaluator.
Determine a correction factor for DRD-based isotopic release mixture.	State EOC	Exception: None
Control exposure and dose for temporary reentry of emergency workers, or members of the public, to restricted areas.		Exception: Not applicable to the State.
Determine the need to authorize radioprotective drugs using projected thyroid doses and field measurements. Projections are compared to previously established PAGs.	State EOC	Exception: None.
Adequately protect members of the public from radiological exposure and control dose for those who are authorized to		Exception: Not applicable to the State.

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Assessment	Venue(s)	Extent-of-Play
temporarily reenter a restricted area.		

Capability Target 2.2: Emergency Worker Exposure Control Management

Emergency workers manage radiological exposure and dose in accordance with the plans/procedures. (3.a.1)

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: Direct-reading dosimeters (DRDs), permanent-record dosimeters (PRDs), and potassium iodide (KI) are issued to emergency workers prior to deployment in the field. In the event that the use of KI is recommended for emergency workers, participants will simulate taking KI.

Assessment	Venue(s)	Extent-of-Play
Maintain an appropriate inventory of Direct-Reading Dosimeters (DRD) that are leak-tested or current in calibration.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Maintain an appropriate inventory of Permanent-Record Dosimeter (PRD).	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Retain an adequate supply of radioprotective drugs.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Adequately distribute appropriate DRDs and PRDs.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Adequately distribute radioprotective drugs to emergency workers.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Emergency workers must demonstrate basic knowledge of procedures for using KI and	Fremont Airport	Exception: None.

Assessment	Venue(s)	Extent-of-Play
the use of dosimeters whether or not the scenario drives the implementation of KI use. This can be accomplished by an interview with the evaluator.	ODNR Parks & Watercraft	
Record and report exposures in the field.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
Implement decisions to administer radioprotective drugs.	Fremont Airport ODNR Parks & Watercraft	Exception: Ingestion of KI, if recommended, will be simulated.
Report to individual responsible for managing exposure and dose when limits are reached.	Fremont Airport ODNR Parks & Watercraft	Exception: None.
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.		Exception: Not applicable to the State.

Objective 3: Alert and Notification

Capability Target 3.1: Communications

Communication processes, systems, and equipment are sufficient to support emergency operations. (1.d.1)

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

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

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

Exercise Parameters: The State of Ohio will demonstrate the use of a MARCS radio. Additional communications as primary and backup systems include commercial telephone and fax machine. Communications to the out-of-sequence venues will be simulated. No news briefings to the actual media will be performed nor will news releases be distributed outside the exercise perimeters.

Assessment	Venue(s)	Extent-of-Play
Utilize communication systems that are fully functional, continuously available, and redundant.	Ottawa County EOC DBNPS EOF DBNPS JIC State EOC Fremont Airport ODNR Parks & Watercraft	Exception: In-sequence: The FMT Coordinator Controller will simulate communication with the FMTs during the in-sequence exercise. Out-of-sequence: The FMT Coordinator will demonstrate a MARCS radio check with Lucas and Ottawa Counties on April 25, 2023 at 11:00 am. None.
Maintain periodic test results and corrective actions on a real time basis.	All	Exception: None.
Access at least one communication system that is independent of the commercial telephone system.	All	Exception: None.
Manage the communication systems and ensure that all message traffic is handled without delays that might disrupt emergency operations.	All	Exception: None.
Identify and address any failures of the systems.	All	Exception: None.
Transmit, receive, and understand messages (i.e., “content check”).	All	Exception: None.

Capability Target 3.2: Alert and Notification of the Public

Alert and notification of the public is completed in a timely manner. (5.a.1, 5.a.3, 5.a.4)

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 performed by ODNR Parks & Watercraft when clearing Lake Erie. No actual notifications to the public will be performed.

Assessment	Venue(s)	Extent-of-Play
Alert and Notification Sequentially provide an alert signal followed by an initial instructional message to populated areas.		Exception: Not applicable to the State.
Alert and Notification Alert and notify the general public. (Subsequent Alerts)	ODNR Parks & Watercraft	Exception: Out-of-sequence: ODNR will not take boats onto Lake Erie nor will they use the PA system or Marine Channel 16 to alert the public.
Alert and Notification Identify and address any failures of the system(s) or portion of a system(s).	ODNR Parks & Watercraft	Exception: None.
Alert and Notification Actual testing of the mobile public address system will be conducted at an agreed-upon location.	ODNR Parks & Watercraft	Exception: None.
Alert and Notification Secondary method: Electronic Notification System (ENS)		Exception: Not applicable to the State.
Emergency Alert System Identify the process to activate the IPAWS. -		Exception: Not applicable to the State.
Emergency Alert System Ensure that updated emergency information is disseminated in a timely manner.	ODNR Parks & Watercraft	Exception: None.
Emergency Alert System Ensure that current emergency information is repeated at pre-established intervals.	ODNR Parks & Watercraft	Exception: None.
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.		Exception: Not applicable to the State.

Assessment	Venue(s)	Extent-of-Play
EAS/NWS Station Broadcast the message on a 24-hour basis.		Exception: Not applicable to the State.
Route/Alternate Route Alerting		Exception: Not applicable to the State.

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

Accurate emergency information and instructions are provided to the public and the news media in a timely manner. (5.b.1)

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: The State JIC and DBNPS JIC will demonstrate this capability target by using mostly pre-scripted messages. Contact with media outlets will be simulated and no actual messages will be broadcast. No actual notifications to the public will be performed.

Assessment	Venue(s)	Extent-of-Play
Plume Phase Deliver coordinated, prompt, reliable, and actionable information in a timely manner.	State JIC DBNPS JIC	Exception: None.
Plume Phase Provide clear, concise, accessible messaging using plain language.	State JIC DBNPS JIC	Exception: None.
Plume Phase Messaging addresses appropriate cultural and linguistic considerations.		Exception: Not applicable to the State.
Plume Phase Ensure subsequent messaging is consistent with protective actions.	State JIC DBNPS JIC	Exception: None.
Plume Phase Update information as the incident progresses, to include validating	State JIC DBNPS JIC	Exception: None.

Assessment	Venue(s)	Extent-of-Play
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.).		
Plume Phase Respond to media and public inquiries.	State JIC	Exception: None.
Post-Plume Phase Rapidly disseminate of ingestion exposure pathway information to predetermined individuals and businesses.		Exception: This will not be demonstrated at the 2023 DBNPS exercise.
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.		Exception: This will not be demonstrated at the 2023 DBNPS exercise.

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

Capability Target 4.1: Field Monitoring Teams Management

FMTs are managed to obtain information to help characterize the release, locate and track the airborne radiological plume, and control contamination. (4.a.2)

Intent: The capability to provide overall management of FMTs to direct movements and measurements to characterize the plume and its impacts.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.11, H.13, I.5, I.6, I.9, I.10, M.7, M.8, and O.1)

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

Exercise Parameters: The FMT Coordinator will demonstrate most management activities of the FMTs out-of-sequence. In-sequence, the FMT Coordinator (Controller) will interface with Law Enforcement at the Ottawa County EOC to direct movement of the simulated FMTs.

Assessment	Venue(s)	Extent-of-Play
Brief FMTs on predicted plume location and direction, plume travel speed, equipment operational checks, background measurement, and exposure control procedures before deployment.	Fremont Airport	Exception: None.
Direct the FMTs to monitoring locations, predesigned points or otherwise, at times and locations sufficient to characterize the plume.	Fremont Airport	Exception: None.
Obtain peak plume measurements from FMTs.	Fremont Airport	Exception: None.
Direct FMTs to collect air samples at locations and times sufficient to characterize the plume.	Fremont Airport	Exception: None.
Keep Incident Command informed of FMTs activities and location(s) during a HAB incident or other instances when an ICP or other may be in use.	Ottawa County EOC	Exception: FMT activities and locations will be simulated during the exercise.
Coordinate and share information amongst all FMTs (licensee, Federal, state and local).	DBNPS EOF	Exception: None

Assessment	Venue(s)	Extent-of-Play
Coordinate sample analysis from field to those responsible for assessing radiological data.	State EOC	Exception: None.
Coordinate transfer of sample media to locations and organizations responsible for assessing radiological data.	Fremont Airport	Exception: No transfer of samples to a laboratory will occur.
Assist with development and modification of sampling plans, as appropriate.		Exception: This will not be demonstrated at the 2023 DBNPS exercise.

Capability Target 4.2: Plume Phase Measurements and Sampling

FMTs make, record, and report measurements of ambient radiation to appropriate authorities; radioiodine and particulate samples are collected. (4.a.3)

Intent: The capability to make and report measurements of ambient radiation.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.9, H.11, H.11.a, H.11.b, H.12, H.13, I.2, I.5, I.6, I.7, I.8, I.9, I.10, and O.1)

Core Capabilities: Environmental Response/Health and Safety; Planning

Exercise Parameters: FMTs will make, record, and report measurements of ambient radiation to the FMT Coordinator out-of-sequence. They will also collect and analyze radioiodine and particulate samples.

Assessment	Venue(s)	Extent-of-Play
Maintain emergency equipment including calibration and operational checks according to manufacturer's specifications or per national standards.	Fremont Airport	Exception: None.
Maintain inventory for emergency kits.	Fremont Airport	Exception: None.
Operate and monitor radiation survey instruments to detect changes in radiation exposure rate while moving and in stationary positions.	Fremont Airport	Exception: None.

Assessment	Venue(s)	Extent-of-Play
Use appropriate contamination control and PPE.	Fremont Airport	Exception: FMTs will wear gloves during the demonstration. One FMT member will demonstrate donning and doffing of the PPE in accordance with the FMT procedure.
Be in location(s) at the appropriate times(s) to detect and characterize the active release (plume).	Fremont Airport	Exception: None.
Obtain peak plume measurements either directly or from licensee field teams.	Fremont Airport	Exception: None.
Correctly interpret survey instrument readings to determine submersion in the active plume.	Fremont Airport	Exception: None.
Collect representative air samples in the active plume on particulate media (e.g., glass or paper filter) and iodine selective media (e.g., silver zeolite cartridge).	Fremont Airport	Exception: None.
Handle sample media and equipment to avoid sample cross-contamination, contamination of equipment and personnel contamination.	Fremont Airport	Exception: None.
Determine an appropriate low background location to count sample media.	Fremont Airport	Exception: None.
Count iodine and particulate media using appropriate and effective instrumentation and counting geometries or have samples analyzed by a supporting laboratory within four hours.	Fremont Airport	Exception: None.
Report to field monitoring team manager all survey and counting results in format and units suitable for use by the organization's dose assessor.	Fremont Airport	Exception: None.

Assessment	Venue(s)	Extent-of-Play
Procedures, qualified collection and counting efficiencies and calculations are capable of detecting airborne radioactive iodine concentrations as low as 10 ⁻⁷ µCi/cc?	Fremont Airport	Exception: None.
Preparation of packaging, sample identification, and chain-of-custody forms ensures integrity of samples throughout transportation and transfer.	Fremont Airport	Exception: None.

Capability Target 4.3: Post-Plume Phase Measurements and Sampling

FMTs take measurements and samples to support assessment of the ingestion exposure pathway and to support reentry, relocation, and return decisions. (4.b.1)

Intent: The capability to report measurements of ambient radiation and collect environmental, food, and drinking water samples for laboratory analyses that support decision-making.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.11, H.11.a, H.11.b, H.12, H.13, I.2, I.5, I.6, I.8, M.7, and O.1)

Core Capabilities: Environmental Response/Health and Safety; Planning

Exercise Parameters: Not selected.

Capability Target 4.4: Laboratory Operations

The laboratory performs radiological analyses to support protective action decision-making. (4.c.1)

Intent: The capability to perform laboratory analyses of radioactivity in environmental, food, and drinking water samples to support decision-making.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (C.4, H.11, H.11.b, H.13, I.2, I.6, M.7, and O.1)

Core Capabilities: Environmental Response/Health and Safety; Planning

Exercise Parameters: Not selected.

Objective 5: Operate

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

Facilities, equipment, and procedures are in place and utilized to provide monitoring, decontamination, identification, temporary shelter, congregate care, and registration of evacuees. (6.a.1, 6.c.1)

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: Not applicable.

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

Facilities, equipment, and procedures are in place and utilized to provide monitoring and decontamination of emergency workers and their equipment and vehicles. (6.b.1)

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: Not applicable.

Capability Target 5.3: Transportation and Treatment of Contaminated Individuals

Transport contaminated, injured individuals to medical facilities with the capability to monitor and decontaminate. (6.d.1)

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: Not applicable.

Capability Target 5.4: Traffic and Access Control

Appropriate traffic and access control is established; accurate instructions are provided to traffic and access control staff. (3.d.1, 3.d.2, new reentry)

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 ability to provide instructions to ODNR Parks & Watercraft will be demonstrated through simulated calls from the State EOC ESF-9 desk to the district ODNR. Boats will not be used to demonstrate traffic control on the Lake. Equipment will be available for inspection.

Assessment	Venue(s)	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.	ODNR Parks & Watercraft	Exception: An out-of-sequence tabletop will be performed with ODNR Parks & Watercraft for clearing Lake Erie. Traffic control will not be demonstrated.
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.	ODNR Parks & Watercraft	Exception: An out-of-sequence tabletop will be performed with ODNR Parks & Watercraft for clearing Lake Erie. Traffic control will not be demonstrated.
Contact the state or Federal agencies that have the authority for the different transportation modes (e.g., rail, water, and air traffic).	State EOC	Exception: None.
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.		Exception: This is not applicable to the State.
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.		Exception: This is not applicable to the State.
Establish procedures to control access to and monitor people and vehicles from the evacuated and restricted areas.		Exception: This is not applicable to the State.
Authorize reentry of individuals into the restricted areas.		Exception:

Assessment	Venue(s)	Extent-of-Play
		This is not applicable to the State.
Establish exit procedures.		Exception: This is not applicable to the State.

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

Pre-Exercise Briefing for State EOC	
Address:	Ohio Emergency Management Agency 2855 W Dublin-Granville Road Columbus, OH 43235
Contact:	Chris Salz
Telephone:	614-398-8811
Date:	May 1, 2023
Time:	2:00 PM EDT

State of Ohio Emergency Operations Center

- Assessment
- Dose Assessment
- Executive Room
- Initial Warning Point
- Operations Room (including ESF-10)
- State Joint Information Center

Address:	Ohio Emergency Management Agency 2855 W Dublin-Granville Rd Columbus, OH 43235
Contact:	Chris Salz
Telephone:	614-398-8811
Date:	May 2, 2023
Time:	Utility begins exercise at 7:45 AM EDT

DBNPS Emergency Operations Facility

Address:	Lindsey Emergency Response Facility 1240 South Main St Lindsey, OH 43442
Contact:	Ed Filppi
Telephone:	440-622-4751
Date:	May 2, 2023
Time:	When activated by exercise

DBNPS Joint Information Center

Address:	Edison Plaza 300 Madison Ave Toledo, OH 43604
Contact:	Anita Stechschulte
Telephone:	614-753-7685
Date:	May 2, 2023
Time:	When activated by exercise

ODNR Parks & Watercraft Office	
Address:	Sandusky Watercraft Office 1407 Cleveland Rd Sandusky, OH 44870
Contact:	John Woycitzky
Telephone:	419-205-0969
Date:	May 1, 2023
Time:	10:00 am EDT

Fremont Airport	
Address:	Fremont Airport 365 OH-53 Fremont, OH 43420
Contact:	John Woycitzky
Telephone:	419-205-0969
Date:	April 25, 2023
Time:	10:00 AM EDT

FEMA Exercise Debrief	
Address:	Ottawa County Emergency Management Agency 315 Madison St Port Clinton, OH 43452
Contact:	John Woycitzky
Telephone:	419-205-0969
Date:	May 5, 2023
Time:	9:00 AM EDT

FEMA Public Meeting	
Address:	Ottawa County Emergency Management Agency 315 Madison St Port Clinton, OH 43452
Contact:	John Woycitzky
Telephone:	419-205-0969
Date:	May 5, 2023
Time:	10:00 AM EDT

Section 5: Back-up Documentation

Section 6: Acronyms

Acronym	Definition
ACP	Access Control Point
DBNPS	Davis-Besse Nuclear Power Station
DRD	Direct-Reading Dosimeter
EDT	Eastern Daylight Time
EOC	Emergency Operations Center
EOF	Emergency Operations Facility
EOP	Extent-of-Play
ESF	Emergency Support Function
FEMA	Federal Emergency Management Agency
FMT	Field Monitoring Team
JIC	Joint Information Center
KI	Potassium Iodide
ODNR	Ohio Department of Natural Resources
ORO	Offsite Response Organization
PAD	Protective Action Decision
PAG	Protective Action Guide
PAR	Protective Action Recommendation
PRD	Permanent-Record Dosimeter
RAC	Radiological Assistance Committee
TACP	Traffic/Access Control Point
TCP	Traffic Control Point

Nuclear Power Plant Exercise

Davis-Besse Nuclear Power Station

Radiological Emergency Preparedness (REP) Program

Extent-of-Play Agreement for Lucas County



March 10, 2023

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Section 1: Exercise Overview

Overarching Purpose

The purpose of this extent of play agreement (EOP) identifies the conditions that will be used to conduct, control and evaluate the 2023 Davis-Besse Nuclear Power Plant HAB 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.

In-Sequence activities will occur the morning of May 2, 2023 from approximately 0730-1300 Eastern Standard Time (EST). Lucas County will fully participate in this exercise, sufficient to support the demonstrations described in this EOP. The State of Ohio will partially participate sufficient to support Lucas County response operations. (See State of Ohio Extent-of-Play Agreement).

This is a Hostile Action Based (HAB) exercise which will result in the establishment of an Incident Command Post in Ottawa County to support law enforcement activities.

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

- County Initial Warning Point (Lucas County 911)
- Emergency Operations Center (EOC)
- Incident Command Post (ICP) - Ottawa County only
- Joint Information Center (JIC)

Out of Sequence activities will be managed by the Lead 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
Initial Notification (1)	Lucas County 911	Tuesday May, 2023 7:30 AM (estimated)
Lucas County EOC Operations	Lucas County EMA	Tuesday May 2, 2023 7:30 AM – 01:00 PM
Traffic/Access Control (TACP)	Lucas County EOC	Tuesday May 2, 2023. 8:00 AM – 1:00 PM
Joint Information Center (JIC)	Licensee and Counties/Energy Harbor Joint Information Center	Tuesday May 2, 2023. 8:00 AM – 1:00 PM
Backup Route Alerting	Jerusalem Township Fire	Wednesday May 3, 2023 7:00 PM – 8:00 PM
School/Transportation Interview	Oregon City Schools School Bus Garage	Wednesday May 3, 2023 9:00 AM – 10 AM

(1) – If the scenario is not initiated at the Initial Notification Point, FEMA will conduct and interview of the Lucas County 911 Dispatch Staff.

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. Any issue or discrepancy arising during the Davis-Besse Nuclear Power Station Exercise may be re-demonstrated during the week of exercise play, May 1 through May 4, 2023, if allowed by the RAC Chair, or as listed in Section 5. This allowance may be granted if it is not disruptive to exercise play and is mutually agreed to by the lead offsite response organization controller and lead FEMA evaluator. Issues resolved as a result of a re-demonstration will be noted as Findings resolved through re-demonstration.

Demonstration Criteria impacted by No/Minimal Release and/or Limited EAL Escalations:

A no/minimal release scenario would not necessarily require Protective Action Recommendations and Protective Action Decisions (PARs/PADs), including the use of KI, to limit the exposure of the public and/or emergency workers. These Evaluation Criteria will be met if the decision-making process is adequately demonstrated in accordance with plans and procedures and the result is consistent with the exercise scenario. Objectives or points of review not demonstrated will be augmented by evaluator interview.

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
County Emergency Operations Center	Operational Coordination Public Information and Warning	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 3: Alert and Notification
Joint Information Center	Operational Communications	Objective 3: Alert and Notification
Backup Route Alerting	Public Information and warning: Planning	Objective 3: Alert and Notification
Traffic and Access Control	Access Control Operational Coordination Critical Transportation	Objective 2: Exposure Control Objective 5: Operate
School/Transportation Interview	Operational Communications Operational Coordination Critical Transportation	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 5: Operate

Section 2: Extent-of-Play Agreement

Standards & References

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

Lucas County Radiological Emergency Response Plan, Revision 34, January 2023.

DHS/FEMA REP Program Manual December 2019

NUREG 0654/FEMA REP 1 Rev. 2

Lucas County Suggested Operational Guidance, latest revisions.

Exercise Participants

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

Lucas County Emergency Management Agency

Lucas County Sheriff's Office

Lucas County 911 Regional Council of Governments

Jerusalem Township Fire Department

Oregon City Schools

Signatures & Conditions

The following agree to support this exercise as described herein:

Exercise Director	Representative of Participating Organization
[Name] Exercise Director Energy Harbor, Davis-Besse Nuclear Power Station	Abby Buchhop Director Lucas County EMA
	Tony Parasiliti Chief Jerusalem Fire Department
	Michael J. Navarre Lucas County Sheriff Lucas County Sheriff's Office
	Hal Gregory Superintendent Oregon City Schools
	Stacey Mitchell Executive Director Lucas County 911 Regional Council of Governments

Section 3: Objectives and Exceptions

Objective 1: Emergency Operations Management

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

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

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

Core Capabilities: Operational Coordination, Planning

Exercise Parameters: Lucas County intends to fully activate the County Emergency Operations Center (EOC) in Toledo, Ohio. The County will implement notification procedures as defined in Plans and SOGs.

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.	Lucas County 911, Lucas County EOC	Exception: Some participants, players, etc. will be prepositioned in local area. Players will not begin their assigned exercise roles until notification is received.
Receive and verify notifications.	Lucas County EOC	No Exceptions
Identify and request additional resources, as needed.	Lucas County EOC, Initial notification point, JIC	Exception: Agencies outside this EOP may be requested, but response will be simulated.
Determine a facility is operational.	Lucas County EOC	No Exceptions

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

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 Lucas County EOC. Coordination of decisions and emergency activities will be demonstrated between the State of Ohio, Ottawa County, and Lucas County.

Assessment	Venue	Extent of Play
Support protective action decision-making.	Lucas County EOC	No Exceptions
Conduct briefings in a timely manner.	Lucas County EOC	No Exceptions
Maintain Situational Awareness	All Venues	No Exceptions
Coordinate response activities with other organizations.	Lucas County EOC/JIC	No Exceptions
Obtain resources to support emergency operations	All Venues	Exceptions: by discussion if not already available at venue.
Provide and maintain adequate facilities and equipment to support the emergency response.	All Venues	No Exceptions

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

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

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

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

Exercise Parameters: Not selected, this is a Licensee and State Function.

Capability Target 1.4: Protective Action Decisions for the Plume Phase – Appropriate PADs are based on available information for the plume phase.

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

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

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

Exercise Parameters: The Lucas County officials will make the final Protective Action Decisions (PAD) regarding what protective actions will be recommended to the public of Lucas County.

Assessment	Venue	Extent of Play
Coordinate and make PADs for members of the general public.	Lucas County EOC	No Exceptions
Coordinate and make PADs for those with access and functional needs.	Lucas County EOC	No Exceptions
Coordinate and make PADs for students at schools.	Lucas County EOC	No Exceptions
Coordinate and make subsequent or alternate PADs.	Lucas County EOC	Exception: By discussion if not driven by scenario.
Coordinate and make decisions on the administration of KI (where applicable) for the public and institutionalized members of the population.	Lucas County EOC	No Exceptions – KI Policy is determined by the Chief Medical Officer for ODH.

Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase – Implement decisions for those populations and areas subject to plume phase protective actions.

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

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

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

Exercise Parameters: *No actual evacuations or demonstrations of shelter-in-place will occur. Phone calls and public notifications will be simulated. All transportation points of review will be demonstrated by interview/discussion. No actual transportation will occur.*

Assessment	Venue	Extent of Play
Implement PADs, ensuring communication and coordination with all appropriate jurisdictions.	Lucas County EOC	See Exercise Parameters
Assist those with access and functional needs during the implementation of PADs.	Lucas County EOC	See Exercise Parameters
Communicate, coordinate, and implement protective actions for schools.	Lucas County EOC Oregon/Clay School Transportation Interview at Oregon Schools bus garage	See Exercise Parameters
Communicate with transportation officials.	Lucas County EOC	See Exercise Parameters
Identify evacuation routes for the general public.	Lucas County EOC	See Exercise Parameters

Capability Target 1.6: Protective Action Decisions for the Post-Plume – Appropriate PADs are based on available information for the post-plume phase.

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

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

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

Exercise Parameters: Not selected for 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: Not selected for this exercise.

Objective 2: Exposure Control

Capability Target 2.1: Emergency Worker Exposure Control Decision-Making Process - A decision-making process involving consideration of appropriate factors and necessary coordination is used to ensure that an exposure control system is in place for emergency workers and includes the use of radio protective 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 with the EOC Radiological Officer and Law Enforcement Coordinator and Ohio State Highway Patrol Liaison.

Assessment	Venue	Extent of Play
Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	Lucas County EOC	No Exception
Maintain record of dose as a result of exposure.	Oregon City Schools Bus Garage Jerusalem Township Fire (Backup Route Alerting)	No Exception
Authorize exposures and dose in excess of identified limits.	Lucas County EOC	By interview if not driven by the exercise.
Process for considering occupational exposures and to authorize individuals to receive doses in excess of occupational dose limits.	Not Applicable	State Function
Determine a correction factor for DRD-based isotopic release mixture	Not Applicable	State Function
Control exposure and dose for temporary reentry of emergency workers, or members of the public, to restricted areas.	Not Selected	Performed during county RRR exercise.
Determine the need to authorize radio-protective drugs using projected thyroid doses and field measurements. Projections are	Not Applicable	State Function

Assessment	Venue	Extent of Play
compared to previously established PAGs.		
Adequately protect members of the public from radiological exposure and control dose for those who are authorized to temporarily reenter a restricted area.	Not Selected	Performed during county RRR exercise.

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

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

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

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

Exercise Parameters: DRDs, PRDs and KI for emergency workers and institutionalized individuals are pre-distributed and described in the Lucas County Radiological Emergency Response Plan (RERP) and SOGs. In the event that the use of KI is recommended, players will simulate taking KI.

Assessment	Venue	Extent of Play
Maintain an appropriate inventory of DRDs that are leak-tested or current in calibration.	Jerusalem Township Fire and Oregon City Schools Bus Garage	Bus garage and Jerusalem
Maintain an appropriate inventory of PRDs.	Jerusalem Township Fire and Oregon City Schools Bus Garage	No Exceptions
Retain an adequate supply of radio-protective drugs.	Jerusalem Township Fire and Oregon City Schools Bus Garage	No Exception
Adequately distribute appropriate DRDs and PRDs.	Jerusalem Township Fire and Oregon City Schools Bus Garage	No Exception
Adequately distribute radio-protective drugs to emergency workers.	Jerusalem Township Fire and	No Exception

Assessment	Venue	Extent of Play
	Oregon City Schools Bus Garage	
Emergency workers must demonstrate basic knowledge of procedures for using KI and the use of dosimeters whether or not the scenario drives the implementation of KI use. This can be accomplished by an interview with the evaluator.	Jerusalem Township Fire and Oregon City Schools Bus Garage	No Exception
Record and report exposures in the field.	Jerusalem Township Fire Backup Route Alerting	No Exception
Implement decisions to administer radio-protective drugs.	Jerusalem Township Fire Backup Route Alerting	Exception: Ingestion of KI will be simulated.
Report to individual responsible for managing exposure and dose when limits are reached.	Jerusalem Township Fire and Oregon City Schools Bus Garage	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.	Not Selected	Performed during county RRR exercise.

Objective 3: Alert and Notification

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

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

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

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

Exercise Parameters: Lucas County will demonstrate multiple communications systems during an interview at Lucas County EMA and during the EOC portion of the exercise. Communications to the out-of-sequence venues will be simulated. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.).

Assessment	Venue	Extent of Play
Utilize communication systems that are fully functional, continuously available, and redundant.	All Venues except JIC	A communication test will be performed with the State on the MARCS radio system
Maintain periodic test results and corrective actions on a real time basis.	Lucas County EOC	During interview with Lucas County 911 Representative.
Access at least one communication system that is independent of the commercial telephone system.	Lucas County EOC	During interview with Lucas County 911 Representative
Manage the communication systems and ensure that all message traffic is handled without delays that might disrupt emergency operations.	Lucas County EOC	No Exceptions
Identify and address any failures of the systems.	Lucas County EOC	No Exceptions
Transmit, receive, and understand messages (i.e., "content check").	Lucas County 911	During Initial Notification process

Capability Target 3.2: Alert and Notification of the Public - Alert and notification of the public is completed in a timely manner.

Intent: The capability to provide instructions to the public.

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters: Alert and Notification of the public in Lucas County is a coordinated function with the Counties of Lucas and Ottawa. Lucas County does not have the ability to sound EPZ sirens. 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.	Lucas County 911	Lucas County participates in the decision for alerting the public, but Ottawa County generates the EAS message and sounds the sirens. An interview with Lucas County EMA about performing the backup actions for EAS may be performed.
ALERT AND NOTIFICATION SYSTEM: Alert and notify the general public. – (Subsequent Alerts)	Lucas County 911	Same as above.
ALERT AND NOTIFICATION SYSTEM: Identify and address any failures of the system(s) or portion of a system(s).	Lucas County 911 Jerusalem Township Fire	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.	Jerusalem Township Fire	Exception – The mobile PA will be tested at the Fire Department. Use of the PA during the backup route alerting will be simulated.
ALERT AND NOTIFICATION SYSTEM: Secondary method: Electronic Notification System (ENS)	Lucas County EOC	Exception: The process may be discussed during interview with Lucas County EMA.
EMERGENCY ALERT SYSTEM: Identify the process to activate the EAS.	Lucas County EOC	Lucas County participates in the decision for alerting the public, but Ottawa County generates the EAS message. An interview with Lucas County EMA about performing the backup actions for EAS may be performed.
EMERGENCY ALERT SYSTEM: Ensure that updated emergency information is disseminated in a timely manner.	Lucas County EOC	Lucas County participates in the decision for alerting the public, but Ottawa County generates the EAS message. An interview with Lucas County EMA about performing the backup actions for EAS may be performed.
EMERGENCY ALERT SYSTEM: Ensure that current emergency information is repeated at pre-established intervals.	Lucas County EOC	Lucas County participates in the decision for alerting the public, but Ottawa County generates the EAS message. An interview with Lucas County EMA about performing the backup actions for EAS may be performed.
EAS/NWS STATION: Identify the process to activate the EAS, to include the process to receive and then broadcast updated information/messages and	Lucas County EOC	Lucas County participates in the decision for alerting the public, but Ottawa County generates the EAS message. An interview with Lucas County EMA about performing the backup actions for EAS may be performed.

Assessment	Venue	Extent of Play
verification of the message, if applicable.		
EAS/NWS STATION: Broadcast the message on a 24-hour basis.	Lucas County EOC	Lucas County participates in the decision for alerting the public, but Ottawa County generates the EAS message. An interview with Lucas County EMA about performing the backup actions for EAS may be performed.
ROUTE/ALTERNATE ALERTING	Jerusalem Township Fire	Exception – No lights/sirens will be used during the run. Exception – The vehicle will not impede or create a hazard for traffic. Vehicle speed may be adjusted so as not to impede traffic.

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

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

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters: Lucas County will demonstrate this capability target by using pre-scripted messages as prescribed in plans and SOGs. Message content and delivery will be coordinated with Incident Command. Contact with media outlets will be simulated and no actual messages will be broadcast. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.).

Assessment	Venue	Extent of Play
PLUME PHASE: Deliver coordinated, prompt, reliable, and actionable information in a timely manner.	Lucas County EOC and JIC	No Exception
PLUME PHASE: Provide clear, concise, accessible messaging using plain language.	Lucas County EOC and JIC	No Exception
PLUME PHASE: Messaging addresses appropriate cultural and linguistic considerations.	Lucas County EOC and JIC	Exception: Lucas County/Jerusalem Township has less than 5% non-English speaking population.
PLUME PHASE: Ensure subsequent messaging is consistent with protective actions.	Lucas County EOC JIC	No Exception

Assessment	Venue	Extent of Play
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.).	Lucas County EOC and JIC	No Exception
PLUME PHASE: Respond to media and public inquiries.	Lucas County EOC and JIC	No Exception
POST-PLUME PHASE: Rapidly disseminate of ingestion exposure pathway information to predetermined individuals and businesses.	Lucas County EOC and JIC	Not Selected – this is demonstrated during county RRR exercise.
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.	Lucas County EOC and JIC	Not Selected – this is demonstrated during county RRR exercise.

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

Not Applicable: Entire objective is a State Function in both the plume and post-plume phases. Lucas County relies on dose projections and recommendations from the Davis-Besse Nuclear Power Station and the State of Ohio for evacuation, shelter-in-place, and Potassium Iodide usage recommendations.

Objective 5: Operate

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

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

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

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

Exercise Parameters: Not selected.

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

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

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

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

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

Exercise Parameters: Not selected.

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

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

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

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

Exercise Parameters: Not selected for this exercise.

Capability Target 5.4: Traffic and Access Control - Appropriate traffic and access control is established; accurate instructions are provided to traffic and access control staff.

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

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

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

Exercise Parameters: *The Traffic Access and Control Point (TACP) ability to provide instructions to TACP providers will be demonstrated through an interview with the Law Enforcement Coordinator in the Lucas County EOC. The TACP function will be demonstrated by an interview at TACP venue. 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.	Lucas County EOC	Exception: By interview with Law Enforcement Coordinator in Lucas County EOC.
Provide instructions to TACP staff on actions to take, including when modifications in protective action strategies necessitate changes in evacuation patterns or in the area(s) where access is controlled.	Lucas County EOC	Exception: By interview with Law Enforcement Coordinator in Lucas County EOC.
Contact the state or Federal agencies that have the authority for the different transportation modes (e.g., rail, water, and air traffic).	Not Applicable	State Function
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.	Lucas 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.	Lucas County EOC	No Exception

Assessment	Venue	Extent of Play
Establish procedures to control access to and monitor people and vehicles from the evacuated and restricted areas.	Not Selected	Restricted area access accomplished during county RRR exercise.
Authorize reentry of individuals into the restricted areas.	Not Selected	Accomplished during county RRR exercise.
Establish exit procedures.	Not Selected	Accomplished during county RRR exercise.

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

MONDAY, May 1, 2023

No scheduled activities.

TUESDAY, May 2, 2023

INITIAL NOTIFICATION – Lucas County 911		
Address:	Lucas County 911 2144 Monroe St. Toledo, OH 43604	
Contact:	Jordan Westgate	
Telephone:	419-345-1387	
Action Location:	Lucas County 911 Same as above	
Date:	Tuesday, May 2, 2023	
Time:	7:30 a.m. – 9:00 a.m. EST	

EMERGENCY OPERATIONS CENTER - Communications		
Address:	Lucas County Emergency Management Agency 2144 Monroe St. Toledo, OH 43604	
Contact:	Jordan Westgate	
Telephone:	419-345-1387	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	7:30 a.m. – 1:00 p.m. EST *MARC's radio test April 25, 2023 at 11:00 a.m.	

TRAFFIC & ACCESS CONTROL – Lucas County Sheriff's Office		
Address:	LCSO – EOC Law Enforcement Coordinator	
	2144 Monroe St.	
	Toledo, OH 43604	
Contact:	Jordan Westgate	
Telephone:	419-345-1387	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	9:00 a.m. – 11:00 a.m. EST	

JOINT INFORMATION CENTER – Licensee and Counties		
Address:	300 Madison Ave	
	Toledo, OH 43604	
Contact:	Jordan Westgate	
Telephone:	419-345-1387	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	8:00 a.m. – 1:00 p.m. EST	

WEDNESDAY, May 3, 2023

SCHOOL/TRANSPORTATION INTERVIEW		
Oregon-Clay School District		
Address:	Oregon Board of Education 5721 Seaman Rd, Oregon, OH 43616	
Contact:	Jordan Westgate	
Telephone:	419-345-1387	
Action Location:	Same as above	
Date:	Wednesday, May 3, 2022	
Time:	9:00 a.m. – 10:00 a.m.	

BACK UP ROUTE ALERTING		
Operated by Jerusalem Township Fire Department		
Address:	Jerusalem Township Fire & Rescue Station 31 9501 Jerusalem Rd Curtice, OH 43412	
Contact:	Jordan Westgate	
Telephone:	419-345-1387	
Action Location:	Same as above	
Date:	Wednesday, May 3, 2023	
Time:	7:00 p.m. - 9:00 p.m.	

Section 5: Back-up Documentation

Re-demonstration Capability Targets

- 1.1 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.2 – 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 of the Regional Assistance Committee
- 1.3 – May be re-demonstrated as approved on a case-by-case basis by the Chairperson of the Regional Assistance Committee
- 1.4 – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 1.4/ – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 1.5 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.5 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.5 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.6 – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 1.6 – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 1.7 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.7 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.7 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 2.1 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 2.2 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 3.1 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 3.2 – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee

- 3.2 – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 3.2 – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 3.3 – 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 of the Regional Assistance Committee
- 5.1 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.1 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.2 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.3 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.4 – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.4 – May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 5.4 – Reentry – May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader

Section 6: Acronyms

Acronym	Term
EOC	Emergency Operations Center
EWDC	Emergency Worker Decontamination Center
LC911	Lucas County 911 Regional Council of Governments
FD	Fire Department
ICP	Incident Command Post
JIC	Joint Information Center
LCEMA	Lucas County Emergency Management Agency
LCSO	Lucas County Sheriff's Office
ORO	Offsite Response Organization
RRR	Relocate, Reenter, Return
HAB	Hostile Action Based

Nuclear Power Plant Exercise

Davis-Besse Nuclear Power Plant

Radiological Emergency Preparedness (REP) Program

Extent-of-Play Agreement for Ottawa County



March 9, 2023

Extent-of-Play Agreement

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Section 1: Exercise Overview

Overarching Purpose

The purpose of this extent of play agreement (EOP) identifies the conditions that will be used to conduct, control and evaluate the 2023 Davis-Besse Nuclear Power Plant 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.

In-Sequence activities will occur the morning of May 2, 2023, from approximately 0730-1300 Eastern Daylight Time (EDT). Ottawa County will fully participate in this exercise, sufficient to support the demonstrations described in this EOP. The State of Ohio will fully participate sufficient to support Ottawa County response operations. (See State of Ohio Extent-of-Play Agreement).

This is a Hostile Action Based (HAB) exercise which will result in the establishment of an Incident Command Post to support law enforcement activities.

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

- County Initial Warning Point (Sheriff's Office Dispatch Center)
- Emergency Operations Center (EOC)
- Incident Command Post (ICP)/Staging Area
- Joint Information Center (JIC)

Out of Sequence activities will be managed by the Lead 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
School/Transportation Interview	Genoa Area Local Schools/Board Office	Tuesday, April 25, 2023 1:00 PM – 2:00 PM
Backup Route Alerting	Bay Township Fire Department	Monday, May 1, 2023 7:00 PM – 9:00 PM
Initial Notification	Ottawa County Dispatch Center/Ottawa County Sheriff's Office	Tuesday, May 2, 2023 7:30 AM (estimated)
Ottawa County EOC Operations	Ottawa County EMA	Tuesday, May 2, 2023 7:30 AM – 01:00 PM (estimated)
Incident Command/Staging Area	Carroll Township Service Complex	Tuesday, May 2, 2023 7:30 AM – 01:00 PM (estimated)
Joint Information Center (JIC)	Licensee and Counties/300 Madison Avenue, Toledo, Ohio	Tuesday, May 2, 2023 8:00 AM – 1:00 PM (estimated)
Public Reception Center	Fremont FD/Fremont Ross High School	Tuesday, May 2, 2023 6:00 PM – 8:00 PM
Congregate Care Center	Red Cross/Fremont Middle School	Tuesday, May 2, 2023 6:00 PM – 8:00 PM
Backup Route Alerting	Portage Fire District	Tuesday, May 2, 2023 7:00 PM – 9:00 PM

UNCLASSIFIED

Traffic/Access Control (TACP)	Ottawa County Sheriff's Office	Wednesday, May 3, 2023 10:00 AM – 11:00 AM
EWMDC	Allen-Clay Joint Fire District/Genoa Bus Garage	Wednesday, May 3, 2023 7:00 PM – 9:00 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. Any issue or discrepancy arising during the Davis-Besse Nuclear Power Plant Exercise may be re-demonstrated during the week of exercise play, May 1 – May 4, 2023, if allowed by the RAC Chair, or as listed in Section 5. This allowance may be granted if it is not disruptive to exercise play and is mutually agreed to by the lead offsite response organization controller and lead FEMA evaluator. Issues resolved as a result of a re-demonstration will be noted as Findings resolved through re-demonstration.

Demonstration Criteria impacted by No/Minimal Release and/or Limited EAL Escalations: A

no/minimal release scenario would not necessarily require Protective Action Recommendations and Protective Action Decisions (PARs/PADs), including the use of KI, to limit the exposure of the public and/or emergency workers. These Evaluation Criteria will be met if the decision-making process is adequately demonstrated in accordance with plans and procedures and the result is consistent with the exercise scenario. Objectives or points of review not demonstrated will be augmented by evaluator interview.

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
County Emergency Operations Center	Operational Coordination Public Information and Warning	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 3: Alert and Notification
Incident Command/Staging Area	Operational Coordination Operational Communications	Objective 1: Emergency Operations Management Objective 2: Exposure Control
Joint Information Center	Operational Communications	Objective 3: Alert and Notification
Public Reception Center	Operational Coordination Environmental Response/Health and Safety	Objective 2: Exposure Control Objective 5: Operate
Congregate Care Center	Mass Care	Objective 5: Operate
Traffic and Access Control	Access Control Operational Coordination Critical Transportation	Objective 2: Exposure Control Objective 5: Operate
School/Transportation Interview	Operational Communications Operational Coordination Critical Transportation	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 5: Operate
Backup Route Alerting	Public Information And Warning	Objective 2: Exposure Control Objective 3: Alert And Notification
EWMDC	Operational Coordination Environmental Response/ Health and Safety	Objective 1: Emergency Operations Management Objective 2: Exposure Control Objective 5: Operate

Section 2: Extent-of-Play Agreement

Standards & References

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

- Ottawa County Radiological Emergency Response Plan, Revision 36, January 2023.
- DHS/FEMA REP Program Manual December 2019
- NUREG 0654/FEMA REP 1 Rev. 2
- Ottawa County Suggested Operational Guidance, latest revisions.

Exercise Participants

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

- Ottawa County Emergency Management Agency
- Ottawa County Sheriff's Office
- Ottawa County Health Department
- Portage Fire District
- Bay Township Fire Department
- American Red Cross
- Fremont Fire Department
- Genoa Area School District
- Fremont School District
- Ohio State Highway Patrol
- Federal Bureau of Investigation
- Allen-Clay Joint Fire District

Signatures & Conditions

The following agree to support this exercise as described herein:

Exercise Director	Representative of Participating Organization
Rob Oesterlie Exercise Director Energy Harbor , Davis-Besse Nuclear Power Station	Fred Petersen Director Ottawa County EMA
	Dave Regal Chief Bay Township Fire Department
	Tony Hand Interim Chief Portage Fire District
	Deb Pressley Disaster Program Manager American Red Cross
	Steve Levorchick Ottawa County Sheriff Ottawa County Sheriff's Office
	Mike Ferguson Superintendent Genoa Area School District
	Bryan Seymour Special Agent FBI
	Mike Musolf Chief Allen-Clay Joint Fire District
	Paul Halbeisen Chief Fremont Fire Department

Section 3: Objectives and Exceptions

Objective 1: Emergency Operations Management

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

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

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

Core Capabilities: Operational Coordination, Planning

Exercise Parameters: Ottawa County intends to fully activate the County Emergency Operations Center (EOC) in Port Clinton, Ohio. The County will implement notification procedures as defined in Plans and SOGs.

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.	All Venues	Exception: Some participants, players, etc. will be prepositioned in local area. Players will not begin their assigned exercise roles until notification is received.
Receive and verify notifications.	Ottawa County EOC Ottawa County Sheriff Dispatch	No Exceptions
Identify and request additional resources, as needed.	All Venues	Exception: Agencies outside this EOP may be requested, but response will be simulated.
Determine a facility is operational.	All Venues	No Exceptions

Capability Target 1.2: Direction and Control - 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 Ottawa County EOC and Incident Command. Coordination of decisions and emergency activities will be demonstrated between the State of Ohio, Lucas County, and Incident Command.

Assessment	Venue	Extent of Play
Support protective action decision-making.	Ottawa County EOC/Incident Command	No Exceptions
Conduct briefings in a timely manner.	Ottawa County EOC/Incident Command	No Exceptions
Maintain Situational Awareness	All Venues	No Exceptions
Coordinate response activities with other organizations.	Ottawa County EOC/Incident Command JIC	No Exceptions
Obtain resources to support emergency operations	All Venues	Exceptions: by discussion if not already available at venue.
Provide and maintain adequate facilities and equipment to support the emergency response.	All Venues	No Exceptions

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

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

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

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

Exercise Parameters: Not Selected, this is a Licensee and State Function.

Capability Target 1.4: Protective Action Decisions for the Plume Phase – Appropriate PADs are based on available information for the plume phase.

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

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

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

Exercise Parameters: Energy Harbor and the State of Ohio will make Protective Action Recommendations (PAR) to Ottawa County officials in the county EOC. The Ottawa County officials, in coordination with Incident Command, will make the final Protective Action Decisions (PAD) regarding what protective actions will be recommended to the public of Ottawa County.

Assessment	Venue	Extent of Play
Coordinate and make PADs for members of the general public.	Ottawa County EOC Incident Command	No Exceptions
Coordinate and make PADs for those with access and functional needs.	Ottawa County EOC	No Exceptions
Coordinate and make PADs for students at schools.	Ottawa County EOC	No Exceptions
Coordinate and make subsequent or alternate PADs.	Ottawa County EOC	Exception: By discussion if not driven by scenario.
Coordinate and make decisions on the administration of KI (where applicable) for the public and institutionalized members of the population.	Ottawa County EOC State EOC/ ODH	No Exceptions

Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase – Implement decisions for those populations and areas subject to plume phase protective actions.

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

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

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

Exercise Parameters: No actual evacuations or demonstrations of shelter-in-place will occur. Phone calls and public notifications will be simulated. All transportation points of review will be demonstrated by interview/discussion. No actual transportation will occur.

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

Capability Target 1.6: Protective Action Decisions for the Post-Plume – Appropriate PADs are based on available information for the post-plume phase.

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

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

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

Exercise Parameters: Not Selected for 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: Not Selected for this exercise.

Objective 2: Exposure Control

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

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

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

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

Exercise Parameters: Exposure control will be demonstrated at the out-of-sequence venues where applicable and may be demonstrated by interview/discussion with the EOC Radiological Officer.

Assessment	Venue	Extent of Play
Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	Ottawa County EOC	No Exception
Maintain record of dose as a result of exposure.	All Venues except Care Center	No Exception
Authorize exposures and dose in excess of identified limits.	Ottawa County EOC State EOC/ ODH	By interview at the end of exercise.
Process for considering occupational exposures and to authorize individuals to receive doses in excess of occupational dose limits.	Not Applicable	State Function
Determine a correction factor for DRD-based isotopic release mixture	Not Applicable	State Function

Assessment	Venue	Extent of Play
Control exposure and dose for temporary reentry of emergency workers, or members of the public, to restricted areas.	Not Selected	Performed during county RRR exercise.
Determine the need to authorize radioprotective drugs using projected thyroid doses and field measurements. Projections are compared to previously established PAGs.	Not Applicable	State Function
Adequately protect members of the public from radiological exposure and control dose for those who are authorized to temporarily reenter a restricted area.	Not Selected	Performed during county RRR exercise.

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

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

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

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

Exercise Parameters: DRDs, PRDs and KI for emergency workers and institutionalized individuals are pre-distributed and described in the Ottawa County Radiological Emergency Response Plan (RERP) and SOGs. In the event that the use of KI is recommended, players will simulate taking KI. Area dosimetry will be used in the Ottawa County EOC.

UNCLASSIFIED

Assessment	Venue	Extent of Play
Maintain an appropriate inventory of DRDs that are leak-tested or current in calibration.	All Venues except Care Center	No Exceptions
Maintain an appropriate inventory of PRDs.	All Venues except Care Center	No Exceptions
Retain an adequate supply of radioprotective drugs.	All Venues except Care Center, Reception Center	No Exception
Adequately distribute appropriate DRDs and PRDs.	All Venues except Care Center	Ottawa County EOC will have area dosimetry and all personnel will be issued a TLD.
Adequately distribute radioprotective drugs to emergency workers.	All Venues except Care Center, Reception Center	No Exception
Emergency workers must demonstrate basic knowledge of procedures for using KI and the use of dosimeters whether or not the scenario drives the implementation of KI use. This can be accomplished by an interview with the evaluator.	All Venues except Care Center	No Exception
Record and report exposures in the field.	All Venues except Care Center	No Exception
Implement decisions to administer radioprotective drugs.	All Venues except Care Center	Exception: Ingestion of KI will be simulated.

UNCLASSIFIED

Assessment	Venue	Extent of Play
Report to individual responsible for managing exposure and dose when limits are reached.	All Venues except Care Center	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.	Not Selected	Performed during county RRR exercise.

Objective 3: Alert and Notification

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

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

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

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

Exercise Parameters: Ottawa County will demonstrate multiple communications systems during an interview at Ottawa County EMA and during the EOC portion of the exercise. Communications to the out-of-sequence venues will be simulated. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.).

Assessment	Venue	Extent of Play
Utilize communication systems that are fully functional, continuously available, and redundant.	All Venues	No Exceptions A communication test will be performed with the State on the MARCS radio system on 4/25, 2023 at 11:00 a.m.
Maintain periodic test results and corrective actions on a real time basis.	Ottawa County EOC	During interview with Ottawa County Sheriff's Office Dispatch Center
Access at least one communication system that is independent of the commercial telephone system.	Ottawa County EOC	During interview with Ottawa County Sheriff's Office Dispatch Center
Manage the communication systems and ensure that all message traffic is handled without delays that might disrupt emergency operations.	Ottawa County EOC	No Exceptions
Identify and address any failures of the systems.	Ottawa County EOC	No Exceptions
Transmit, receive, and understand messages (i.e., "content check").	Ottawa County EOC	During Initial Notification process

Capability Target 3.2: Alert and Notification of the Public - Alert and notification of the public is completed in a timely manner.

Intent: The capability to provide instructions to the public.

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters: Alert and Notification of the public in Ottawa County is a coordinated function with Lucas County. Ottawa County sounds the entire EPZ by procedure. 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.	Ottawa County EOC/Ottawa County Sheriff's Office Dispatch Center	Exception: An Emergency Alert System message will be developed and transmitted but not broadcast. Communications demonstration will be used to discuss associated points of review. Exception: Siren Activation – Evaluators may interview Sheriff Dispatch Staff regarding the steps they would take to activate sirens. Siren activation will be simulated.
ALERT AND NOTIFICATION SYSTEM: Alert and notify the general public. – (Subsequent Alerts)	Ottawa County EOC/ Ottawa County Sheriff's Office Dispatch Center	Same as above.
ALERT AND NOTIFICATION SYSTEM: Identify and address any failures of the system(s) or portion of a system(s).	Ottawa County EOC	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.	Bay Township Fire Department/Portage Fire District	Exception – The mobile PA will be tested at the Fire Department. Use of the PA during the backup route alerting will be simulated.

Assessment	Venue	Extent of Play
ALERT AND NOTIFICATION SYSTEM: Secondary method: Electronic Notification System (ENS)	Ottawa County EOC	Exception: The process may be discussed during interview with Ottawa County Sheriff's Office Dispatch or Ottawa County EMA Director.
EMERGENCY ALERT SYSTEM: Identify the process to activate the EAS. -	Ottawa County EOC	No Exception
EMERGENCY ALERT SYSTEM: Ensure that updated emergency information is disseminated in a timely manner.	Ottawa County EOC	No Exception
EMERGENCY ALERT SYSTEM: Ensure that current emergency information is repeated at pre-established intervals.	Ottawa County EOC	No Exception
EAS/NWS STATION: Identify the process to activate the EAS, to include the process to receive and then broadcast updated information/messages and verification of the message, if applicable.	Ottawa County EOC Ottawa County Sheriff Dispatch	An interview will be conducted in the Dispatch Center upon completion of Initial Notification.
EAS/NWS STATION: Broadcast the message on a 24-hour basis.	Ottawa County EOC	Exception – By interview with Ottawa County EMA Director or designee.
ROUTE/ALTERNATE ALERTING	Bay Township Fire Department/Portage Fire District	Exception – No lights/sirens will be used during the run. Exception – The vehicle will not impede or create a hazard for traffic. Vehicle speed may be adjusted so as not to impede traffic.

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

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

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters: Ottawa County will demonstrate this capability target by using pre-scripted messages as prescribed in plans and SOGs. Message content and delivery will be coordinated with Incident Command. Contact with media outlets will be simulated and no actual messages will be broadcast. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.).

Assessment	Venue	Extent of Play
PLUME PHASE: Deliver coordinated, prompt, reliable, and actionable information in a timely manner.	Ottawa County EOC and JIC	No Exception
PLUME PHASE: Provide clear, concise, accessible messaging using plain language.	Ottawa County EOC and JIC	No Exception
PLUME PHASE: Messaging addresses appropriate cultural and linguistic considerations.	Ottawa County EOC and JIC	Exception: Ottawa County has less than 5% non-English speaking population.
PLUME PHASE: Ensure subsequent messaging is consistent with protective actions.	Ottawa County EOC	No Exception

Assessment	Venue	Extent of Play
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.).	Ottawa County EOC and JIC	No Exception
PLUME PHASE: Respond to media and public inquiries.	Ottawa County EOC and JIC	No Exception
POST-PLUME PHASE: Rapidly disseminate of ingestion exposure pathway information to predetermined individuals and businesses.	Ottawa County EOC and JIC	Not Selected – this is demonstrated during county RRR exercise.
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.	Ottawa County EOC and JIC	Not Selected – this is demonstrated during county RRR exercise.

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

Exercise Parameters: Not Applicable: Entire objective is a State Function in both the plume and post-plume phases. Ottawa County relies on dose projections and recommendations from the Davis-Besse Nuclear Power Station and the State of Ohio for evacuation, shelter-in-place, and Potassium Iodide usage recommendations.

Objective 5: Operate

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

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

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

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

Exercise Parameters: Ottawa County will demonstrate a reception center where monitoring, decontamination and registration of evacuees takes place, and a separate congregate care center for temporary shelter. No live sources will be used, all contamination levels will be by controller inject. All decontamination will be demonstrated by discussion, no actual decontamination methods will be demonstrated. Equipment and supplies will be available for inspection. Monitoring will be demonstrated. Sandusky County SOGs will be used.

Assessment	Venue	Extent of Play
Set up operations:	Reception Center, Congregate Care Center	<p>Exception – Centers will be set-up in advance of demonstration.</p> <p>Exception: Where applicable, only one locker room will be set up. A floor plan of showering facilities for both males and females will be available for inspection.</p> <p>Exception: Disposable paper walkways will not be used. Walkways will be clearly outlined using cones and/or stanchions in order to minimize waste.</p>
Operationally check instruments and equipment.	Reception Center	Exception: A minimum of one of each type of radiological monitoring instrument will be demonstrated.

Assessment	Venue	Extent of Play
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.	Reception Center	<p>Demonstrated through plan review which shows calculations.</p> <p>A total of six potentially contaminated individuals will pass through a portal monitor. In consultation with the evaluator, controller will select one evacuee at random to be designated as contaminated.</p>
MONITORING: Monitor evacuees, service animals, pets, vehicles, and possessions.	Reception Center	Exception: No pets or service animals will be monitored
Utilize trigger/action levels for determining the need for decontamination.	Reception Center	See Exercise Parameters.
DECONTAMINATION: Decontaminate evacuees, and personal belongings, while limiting the spread of contamination.	Reception Center	Exception: Evacuee decontamination will be walked through and explained procedurally by workers. Evacuee will not undergo actual decontamination.
DECONTAMINATION: Follow-up with any evacuee(s) who cannot be appropriately decontaminated for assessment; ensure the capability to provide evacuee-referrals.	Reception Center	Exception: The decision to refer individuals who cannot be decontaminated to medical facilities will be procedurally explained via evaluator interview.
VEHICLES: Monitor and decontaminate vehicles.	Reception Center	<p>Exception: Monitoring of one vehicle will be demonstrated.</p> <p>Exception: Decontamination of vehicles will be by interview only.</p>

Assessment	Venue	Extent of Play
VEHICLES: Provide adequate, separate space for both contaminated and non-contaminated vehicles.	Reception Center	No Exception
VEHICLES: Decontaminate evacuee vehicles based on trigger/action levels.	Reception Center	Exception: Decontamination of vehicles will be by interview only.
SHELTERING AND CONGREGATE CARE: Coordinate for incoming evacuees who have been monitored and, if necessary, decontaminated.	Congregate Care Center	No Exception
SHELTERING AND CONGREGATE CARE: Establish shelter operations.	Congregate Care Center	Exception: A sample of evacuee bedding and provisions will be shown. Red Cross inventory list will be available.
SHELTERING AND CONGREGATE CARE: Congregate care centers and operations in host/support jurisdictions are sufficient to support the expected number of evacuees.	Congregate Care Center	No Exception
REGISTRATION: Register evacuees.	Reception Center Congregate Care Center	Exception: Initial registration of evacuees who are found not to be contaminated will be demonstrated concurrently with evacuee decontamination.
REGISTRATION: Ensure the registration area is clean and controlled.	Reception Center Congregate Care Center	No Exception

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

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

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

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

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

Exercise Parameters: Ottawa County will demonstrate an Emergency Worker Monitoring and Decontamination Center (EWDC). No live sources will be used, all contamination levels will be by controller inject. All decontamination will be demonstrated by discussion, no actual decontamination methods will be demonstrated. Equipment and supplies will be available for inspection. Monitoring will be demonstrated.

Assessment	Venue	Extent of Play
Set up operations:	EWDC	<p>Exception: Center will be set-up in advance of demonstration.</p> <p>Exception: Only one shower area will be set up. A floor plan of showering facilities for both males and females will be available for inspection.</p> <p>Exception: Disposable paper walkways will not be used. Walkways will be clearly outlined using cones and/or stanchions in order to minimize waste.</p>
Operationally check instruments and equipment.	EWDC	Exception: a minimum of one of each type of radiological monitoring instrument will be demonstrated.
Monitor emergency worker personnel and their equipment and vehicles for contamination.	EWDC	<p>Exception: Two Emergency Workers will be monitored for contamination, one (selected at random by the Controller) will be simulated contaminated.</p> <p>Exception: Monitoring of one vehicle will be demonstrated.</p>
Assessment	Venue	Extent of Play

Decontaminate emergency worker personnel and their equipment and vehicles based on trigger/action levels.	EWDC	Exception: Decontamination efforts will be procedurally explained by the workers. The contaminated Emergency Worker or vehicle will not undergo actual decontamination. Exception: The decision to refer individuals who cannot be decontaminated to medical facilities will
Control the spread of contamination.	EWDC	Exception: Disposable paper walkways will not be used. Walkways will be clearly outlined using cones and/or stanchions in order to minimize waste.
Create and maintain a record of monitoring and decontaminating workers upon completion of monitoring and decontamination activities.	EWDC	No Exception
Process for prioritizing emergency workers and equipment before the public in facilities where the public and emergency workers are both processed for contamination.	NA	Exception: Public and Emergency Worker processing is done in separate facilities.

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

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

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

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

Exercise Parameters: Not Selected for this exercise.

Capability Target 5.4: Traffic and Access Control - Appropriate traffic and access control is established; accurate instructions are provided to traffic and access control staff.

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

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

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

Exercise Parameters: The Traffic Access and Control Point (TACP) ability to provide instructions to TACP providers will be demonstrated through interviews with staff in the Ottawa County EOC. The TACP function will be demonstrated by the interview out of sequence with the Ottawa County Sheriff's Office. 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.	Ottawa County EOC Ottawa County Sheriff's Office	No Exception Exception: By interview with Ottawa County Sheriff's Office staff
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.	Ottawa County EOC Ottawa County Sheriff's Office	No Exception Exception: By interview with Ottawa County Sheriff's Office staff
Contact the state or Federal agencies that have the authority for the different transportation modes (e.g., rail, water, and air traffic).	Not Applicable	State Function

Assessment	Venue	Extent of Play
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.	Ottawa 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.	Ottawa County EOC	No Exception
Establish procedures to control access to and monitor people and vehicles from the evacuated and restricted areas.	Not Selected	Restricted area access accomplished during county RRR exercise.
Authorize reentry of individuals into the restricted areas.	Not Selected	Accomplished during County RRR exercise.
Establish exit procedures.	Not Selected	Accomplished during County RRR exercise.

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

TUESDAY, APRIL 25, 2023

SCHOOL/TRANSPORTATION INTERVIEW		
Genoa Area School District		
Address:	2810 N. Genoa-Clay Center Road Genoa, OH 43430	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action Location:	Same as above	
Date:	Tuesday, April 25, 2023	
Time:	1:00 p.m. – 2:00 p.m.	

MONDAY, MAY 1, 2023

BACK UP ROUTE ALERTING: BAY TOWNSHIP FIRE DEPARTMENT		
Address:	4471 W. Fremont Road Port Clinton, OH 43452	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action Location:	Same as above	
Date:	Monday, May 1, 2023	
Time:	7:00 p.m. – 9:00 p.m. EST	

TUESDAY, MAY 2, 2023

INITIAL NOTIFICATION – COUNTY SHERIFF’S DISPATCH CENTER		
Address:	Ottawa County Dispatch Center 315 Madison Street Port Clinton, OH 43452	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action Location:	Ottawa County Sheriff’s Office Dispatch Center located on the third floor of the Courthouse	
Date:	Tuesday, May 2, 2023	
Time:	7:30 a.m. – 9:00 a.m. EST	

EMERGENCY OPERATIONS CENTER - Communications		
Address:	Ottawa County Emergency Management Agency 315 Madison Street Port Clinton, OH 43452	
Contact:	Fred Petersen	
Telephone:	(419) 734-6900	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	7:30 a.m. – 1:00 p.m. EST MARCs radio test at 1:00 p.m.	

INCIDENT COMMAND POST/STAGING AREA – Ottawa County Sheriff’s Office		
Address:	Carroll Township Service Complex 11080 W. Toussaint East Road Oak Harbor, OH 43449	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	7:30 a.m. – 1:00 p.m. EST	

TUESDAY, MAY 2, 2023

JOINT INFORMATION CENTER – Licensee and Counties		
Address:	300 Madison Avenue Toledo, OH	
Contact:	Mike Libben - PIO	
Telephone:	(419) 351-0320	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	8:00 a.m. – 1:00 p.m. EST	

CONGREGATE CARE CENTER		
Address:	Fremont Middle School 1250 North Street Fremont, OH 43420	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	6:00 p.m. - 8:00 p.m. EST	

RECEPTION CENTER		
Operated by Fremont Fire Department		
Address:	Fremont Ross High School 1100 North Street Fremont, OH 43420	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	6:00 p.m. – 8:00 p.m.	

TUESDAY, MAY 2, 2023

BACK UP ROUTE ALERTING: PORTAGE FIRE DISTRICT		
Address:	240 W. Water Street Oak Harbor, OH 43449	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action Location:	Same as above	
Date:	Tuesday, May 2, 2023	
Time:	7:00 p.m. - 9:00 p.m. EST	

WEDNESDAY, MAY 3, 2023

TRAFFIC & ACCESS CONTROL		
Ottawa County Sheriff's Office		
Address:	315 Madison Street Port Clinton, OH 43452	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action	Same as above	
Location:		
Date:	Wednesday, May 3, 2023	
Time:	10:00 a.m. – 11:00 a.m.	

EMERGENCY WORKER MONITORING/DECONTAMINATION STATION		
Operated by Allen-Clay-Joint Fire District		
Address:	3155 N. Genoa-Clay Center Road Genoa, OH 43430	
Contact:	Mike Drusbacky, Ottawa County EMA	
Telephone:	(419) 681-0328	
Action	Genoa Bus Garage	
Location:	2810 N. Genoa-Clay Center Road Genoa, OH 43430	
Date:	Wednesday, May 3, 2023	
Time:	7:00 p.m. – 9:00 p.m.	

Section 5: Back-up Documentation

Re-demonstration Capability Target

- 1.1 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.2 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 of the Regional Assistance Committee
- 1.3 May be re-demonstrated as approved on a case-by-case basis by the Chairperson of the Regional Assistance Committee
- 1.4 May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 1.4 May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 1.5 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.5 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 1.5 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 2.1 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 2.2 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 3.1 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 3.2 May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 3.2 May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 3.2 May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 3.3 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 of the Regional Assistance Committee
- 5.1 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.1 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.2 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader

- 5.3 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.4 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader
- 5.4 May be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee
- 5.4 May be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader

Section 6: Acronyms

Acronym	Term
EOC	Emergency Operations Center
EWDC	Emergency Worker Decontamination Center
FD	Fire Department
ICP	Incident Command Post
JIC	Joint Information Center
LCEMA	Ottawa County Emergency Management Agency
LCSO	Ottawa County Sheriff's Office
ORO	Offsite Response Organization
RRR	Relocate, Reenter, Return