



FEMA

December 22, 2023

Greg Engle
Administrator, Wisconsin Emergency Management
Wisconsin Department of Military Affairs
2400 Wright Street
PO Box 7865
Madison, WI 53707

Dear Administrator Engle,

Attached is a copy of the Final After-Action Report/Improvement Plan (AAR/IP) for the 2023 Point Beach Nuclear Plant Radiological Emergency Preparedness, Full-Participation, Plume Exposure Pathway, Hostile Action-Based Exercise conducted on August 15, 2023, and associated out-of-sequence activities conducted on June 29 and on August 16, 2023.

The exercise resulted in no Level 1 Findings, no Level 2 Findings, and no Plan Issues for the State of Wisconsin and Manitowoc and Kewaunee Counties.

Based on the results of the biennial exercise, the planning and preparedness for both the State of Wisconsin 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 C.F.R. Part 350 approval of the offsite radiological emergency response plans and preparedness program remain in effect.

If you have any questions, please contact Carl Bebrich at (312) 848-0992.

Sincerely,

SEAN P O LEARY

Digitally signed by SEAN P O

LEARY

Date: 2023.12.22 14:07:17 -06'00'

Sean O'Leary
Chair, Regional Assistance Committee

Attachment:
PBNP HAB23 - Final AAR~IP.pdf

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



Nuclear Power Plant Exercise

Point Beach Nuclear Plant

Radiological Emergency Preparedness Exercise

Radiological Emergency Preparedness Program

Final After-Action Report/Improvement Plan

Exercise Date: August 15, 2023

Report Date: October 13, 2023



FEMA

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Executive Summary

On August 15, 2023, the United States Department of Homeland Security, Federal Emergency Management Agency (DHS/FEMA) Region 5 Radiological Emergency Preparedness Program evaluation team evaluated the Point Beach Nuclear Plant Radiological Emergency Preparedness, Full-Participation, Plume Exposure Pathway, Hostile Action-Based Exercise. The exercise was conducted for the 10-mile Emergency Planning Zone surrounding the Point Beach Nuclear Plant, which is located in Manitowoc County, Wisconsin.

The purpose of the exercise was to assess the level of state and local preparedness in responding to a hostile action-based scenario at the Point Beach Nuclear Plant. This exercise was conducted in accordance with the DHS/FEMA policies and guidance concerning the exercise of State and local radiological emergency response plans and procedures. The previous federally evaluated exercise at this site was conducted on September 14, 2021. The qualifying emergency preparedness exercise was conducted on March 9, 1982.

Officials and representatives from the State of Wisconsin, the risk counties of Manitowoc and Kewaunee, and the Licensee participated in this exercise. State and local officials demonstrated knowledge of their emergency response plans and procedures and successfully implemented them.

The DHS/FEMA evaluation team identified no Findings and no Plan Issues for the State of Wisconsin and Manitowoc and Kewaunee Counties as a result of the 2023 Point Beach Nuclear Plant Exercise.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Approximately 424 individuals participated in the off-site portion of the exercise, including many local volunteers. The professionalism and teamwork of the participants was evident throughout all phases of the exercise.

Section 1: Exercise Overview

Exercise Name	2023 Point Beach Nuclear Plant Radiological Emergency Preparedness Exercise	
Type of Exercise	Full-Participation, Hostile Action-Based, Radiological Emergency Preparedness Exercise	
Exercise Date	August 15, 2023	
Out-of-sequence Date(s)	June 29, 2023; August 14, 2023	
Program	Radiological Emergency Preparedness Program (REPP)	
FINAL Scenario Submittal to FEMA	May 2, 2023	
FINAL Extent-of-Play Agreement Submittal to FEMA	May 17, 2023	
Mission Area	Response, Mitigation, Protection	
Core Capabilities	Access Control/Identity Verification	On-Scene Security, Protection, & Law Enforcement
	Critical Transportation	Operational Communication
	Environmental Response/Health & Safety	Operational Coordination
	Health & Social Services	Planning
	Public Health, Healthcare and Emergency Medical Services	Public Information & Warning
	Situational Assessment	
Participating Organizations	See Appendix B for the list of Participating Organizations	
Evaluated Facilities	See Appendix F for the Extent-of-Play Agreement	
Exercise Planning Team	Wisconsin Emergency Management Manitowoc Emergency Management Agency Kewaunee County Emergency Management Agency NextEra Energy Resources (Point Beach Nuclear Plant)	
FEMA Exercise Evaluation Leadership Team	Sean O'Leary, RAC Chair Carl Bebrich, Exercise Director Edward Golinski, Assistant Director Stephen Tulley, Assistant Director James King, Site Specialist	

Section 2: Exercise Design Summary

2.1 Exercise Purpose

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

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

2.2 Exercise Core Capabilities

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

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

- **Health and Social Services:** Restore and improve health and social services networks to promote the resilience, independence, health (including behavioral health), and well-being of the whole community.
- **On-Scene Security, Protection, and Law Enforcement:** Ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for response personnel engaged in lifesaving and life-sustaining operations.
- **Operational Coordination:** Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.
- **Operational Communication:** Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected communities in the impact area and all response forces.
- **Planning:** Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or community-based approaches to meet defined objectives.
- **Public Health, Healthcare, and Emergency Medical Services:** Provide lifesaving medical treatment via emergency medical services and related operations and avoid additional disease and injury by providing targeted public health and medical support and products to all people in need within the affected area.
- **Public Information and Warning:** Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard and, as appropriate, the actions being taken, and the assistance being made available.
- **Situational Awareness:** Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response.

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

- **Objective 1:** Emergency Operations Management
- **Objective 2:** Exposure Control
- **Objective 3:** Alert and Notification
- **Objective 5:** Operate

Section 3: Analysis of Capabilities

3.1 Exercise Evaluation and Results

This section contains the results and findings of the evaluation of all jurisdictions and functional entities that participated in the August 15, 2023, Radiological Emergency Preparedness Program evaluation team evaluated the Point Beach Nuclear Plant Radiological Emergency Preparedness, Full-Participation, Plume Exposure Pathway, Hostile Action-Based Exercise, and out-of-sequence activities.

In accordance with the Extent-of-Play Agreement, all activities at the State Emergency Operations Center, Forward Operating Center/Mobile Radiological Laboratory, and Restricted Area Field Teams were observed but not evaluated. State personnel at these locations fully participated in the exercise and were observed in the same manner they would have been under evaluation. Strengths and areas suggested for improvement were separately reported to Wisconsin Emergency Management. The State of Wisconsin was evaluated for Medical Services (MS-1) activities conducted out-of-sequence on June 29, 2023, at the Holy Family Memorial Medical Center in Manitowoc and on August 16, 2023, at the Aurora Bay Medical Center in Green Bay.

Each jurisdiction and functional entity was evaluated based on the demonstration of objectives, core capabilities, and capability targets as delineated in the FEMA Radiological Emergency Preparedness Program Manual dated December 2019.

The performance status of the capability targets demonstrated by each organization/functional entity are indicated by the use of the following terms:

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

Table 3.1.1 Summary of Exercise Evaluation - Wisconsin Out-of-Sequence Activities

SITE: Point Beach Nuclear Plant DATE: June 29, 2023, and August 16, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Holy Family Memorial Medical Center MS-1 (Facility) - August 16, 2023	Aurora Bay Medical Center MS-1 (Facility) – June 29, 2023
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	NA
3.2: Alert and Notification of the Public	NA	NA
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	M	M
5.4: Traffic and Access Control	NA	NA

Table 3.1.2 Summary of Exercise Evaluation - Manitowoc County In-Sequence Activities

SITE: Point Beach Nuclear Plant DATE: August 15, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Staging Area /TOC	Incident Command Post	Traffic & Access Control Point	Manitowoc County JIC Representative
Objective 1: Emergency Operations Management Capability Targets						
1.1: Mobilization	M	M	M	M	NA	NS
1.2: Direction and Control	NS	M	M	M	NA	M
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NS	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NS	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets						
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	M	M	M	NA
Objective 3: Alert and Notification Capability Targets						
3.1: Communications	M	M	M	M	M	NS
3.2: Alert and Notification of the Public	NA	M	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	NA	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
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	M
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NS	NA	NA	M	NA

Table 3.1.3 Summary of Exercise Evaluation - Manitowoc County Out-of-Sequence Activities

SITE: Point Beach Nuclear Plant DATES: August 14, 2023, and August 16, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Manitowoc County Reception Center – August 14, 2023	Holy Family Memorial Medical Center MS-1 (Transport) – August 16, 2023
Objective 1: Emergency Operations Management Capability Targets		
1.1: Mobilization	NA	NA
1.2: Direction and Control	M	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	M	NA
3.2: Alert and Notification of the Public	NA	NA
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	M	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	M	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	M
5.4: Traffic and Access Control	NA	NA

Table 3.1.4 Summary of Exercise Evaluation - Kewaunee County In-Sequence Activities

SITE: Point Beach Nuclear Plant DATE: August 15, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Traffic & Access Control Point	Kewaunee County JIC Representative
Objective 1: Emergency Operations Management Capability Targets				
1.1: Mobilization	M	M	NA	NS
1.2: Direction and Control	M	M	NA	M
1.3: Protective Action Recommendations	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NS	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NS	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NS	NA	NA
Objective 2: Exposure Control Capability Targets				
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	M	NA
Objective 3: Alert and Notification Capability Targets				
3.1: Communications	M	M	M	NS
3.2: Alert and Notification of the Public	NA	M	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	NA	M
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets				
4.1: Field Monitoring Teams Management	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA
Objective 5: Operate Capability Targets				
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	M	NA

Table 3.1.5 Summary of Exercise Evaluation - Kewaunee County Out-of-Sequence Activities

SITE: Point Beach Nuclear Plant DATE: June 29, 2023 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Kewaunee County Reception Center	MS-1 (Transport) Luxemburg Ambulance
Objective 1: Emergency Operations Management Capability Targets		
1.1: Mobilization	NA	NA
1.2: Direction and Control	M	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	M	NA
3.2: Alert and Notification of the Public	NA	NA
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	M	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	M	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	M
5.4: Traffic and Access Control	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 evaluation criteria and 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 Wisconsin Out-of-sequence

3.2.1.1 Holy Family Memorial Medical Center MS-1

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: 5.3 Transportation and Treatment of Contaminated, Injured Individuals

Core Capabilities: Environmental Response/Health and Safety; Public Health, Healthcare, Emergency Medical Services; 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 Aurora Bay Medical Center MS-1

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: 5.3 Transportation and Treatment of Contaminated, Injured Individuals
Core Capabilities: Environmental Response/Health and Safety; Public Health, Healthcare, Emergency Medical Services; 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 Manitowoc County In-Sequence

3.2.2.1 Initial Warning Point

Capability Target: 1.1 Mobilization
Core Capabilities: Operational Coordination; 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: 3.1 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 Emergency Operations Center

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 Protective 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: 1.5 Protective Action Decision Implementation for the Plume Phase

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

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: 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

In summary, the status of DHS/FEMA evaluated Capability 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 Staging Area/TOC

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 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: 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 Incident Command Post

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 Protective 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.

3.2.2.5 Manitowoc County Traffic and Access Control

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.

3.2.2.6 Manitowoc County PIO at the Joint Information Center

Capability Target: 1.2 Direction and Control

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

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: 3.3 Emergency Information and Instructions for the Public and News Media
Core Capabilities: Public Information and Warning; 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.

3.2.3 Manitowoc County Out-of-Sequence

3.2.3.1 Manitowoc County Reception Center

Capability Target: 1.2 Direction and Control

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

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: 2.2 Emergency Worker Exposure Control Management

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; 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: 3.1 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: 5.1 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.

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

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.

3.2.3.2 Holy Family Medical Center Medical Services Drill Transportation

Capability Target: 2.2 Emergency Worker Exposure Control Management

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; 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: 5.3 Transportation and Treatment of Contaminated, Injured Individuals

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

All activities described in the demonstration criterion were carried out in accordance with plans, 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.

3.2.4 Kewaunee County In-Sequence

3.2.4.1 Initial Warning 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.

3.2.4.2 Emergency Operations Center

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 Protective 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: 1.5 Protective Action Decision Implementation for the Plume Phase

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

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: 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.

3.2.4.3 Kewaunee County Traffic and Access Control

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.

3.2.4.4 Kewaunee County PIO at the Joint Information Center

Capability Target: 1.2 Direction and Control

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

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 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 Kewaunee County Out-of-Sequence

3.2.5.1 Kewaunee County Reception Center

Capability Target: 1.2 Direction and Control

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

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 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: 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.

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

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.

3.2.5.2 Aurora Bay Medical Center Medical Services Drill Transportation

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: 5.3 Transportation and Treatment of Contaminated, Injured Individuals

Core Capabilities: Environmental Response/Health and Safety; Public Health, Healthcare, Emergency Medical Services; 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 in accordance with Title 44 C.F.R. Part 350 planning standards, the DHS/FEMA REP Program Manual guidance, and the National Preparedness Goal, and associated core capabilities and capability targets. This report documents demonstration-based assessment activities pursuant to the core capabilities and capability targets selected for the PBNP 2023 REP Exercise.

The analysis of capabilities in Section 3 described the State of Wisconsin and Manitowoc and Kewaunee Counties 10-mile Emergency Planning Zone offsite response capabilities. Overall, the exercise was a success. The demonstration-based assessment activities evaluated by core capabilities, objectives, and capability targets were successfully demonstrated. All offsite response organizations demonstrated knowledge of their emergency response plans and procedures, and successfully demonstrated the ability to protect the health and safety of the public in the event of an incident involving the Point Beach Nuclear Plant.

The DHS/FEMA evaluation team identified no Level 1 or Level 2 Findings and no Plan Issues for the State of Wisconsin, Manitowoc County, or Kewaunee County during the 2023 Point Beach Nuclear Plant Exercise.

Based on the results of this exercise and the Federal Emergency Management Agency's review of the 2022 Annual Letter of Certification submitted by the State of Wisconsin, the offsite radiological emergency response plans and preparedness of the State of Wisconsin and Manitowoc and Kewaunee Counties can be implemented. They are adequate to provide reasonable assurance that appropriate measures can be taken offsite to protect the health and safety of the public in the event of an emergency at the PBNP. The Title 44 C.F.R. Part 350 approval of the offsite radiological emergency response plans and preparedness site-specific to the Point Beach Nuclear Plant granted on June 12, 2023, remain in effect.

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

Section 5: Improvement Plan

This section summarizes the results from the of the evaluation of all jurisdictions and functional entities that participated in the Point Beach Nuclear Plant Radiological Emergency Preparedness, Full-Participation, Plume Exposure Pathway, Hostile Action-Based Exercise on August 15, 2023, and related out-of-sequence activities to test the offsite emergency response capabilities of the State of Wisconsin and local governments in the 10-mile Emergency Planning Zone surrounding the Point Beach Nuclear Plant. The DHS/FEMA evaluation team identified no Level 1 or Level 2 Findings and no Plan Issues for the State of Wisconsin, Manitowoc County, or Kewaunee County during the 2023 Point Beach Nuclear Plant Exercise. Consequently, no recommended corrective actions were identified for the participating jurisdictions.

Appendix A: Exercise Timeline

Emergency Classification Level Event or Action	Time UTILITY Declared	Time that Notification Was Received or Action Was Taken All times Central Daylight Time (CDT)					
		SEOC	SEOC SRC	ICP	MANITOWOC County	KEWAUNEE County	PBNP JIC
Unusual Event:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Site Area Emergency:	0818	0825	0825	0850	0824	0825	0829
General Emergency:	1147	1154	1154	1149	1155	1152	1151
Release of Rad Material Started:	1147	1154	1154	1149	1155	1152	1215
Release of Rad Material Terminated:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational:		0905	0905	0854	0853	0901	0915
Declaration of State/Local Emergency: ⁵		1018	N/A	N/A (1034)	0905	0921	0915 – M-Co 0925 – K-Co 1050 – State
ENDEX [Exercise Terminated] –		1320	1320	1212	1309	1310	1309
Early Precautionary Action Recommendations:							
Relocate School Children: M-County Lockdown: K-County		N/A	N/A	N/A	0910	0937	0921 – M-Co 0930 – K-Co
Restrict Boating Traffic: Lake		N/A	N/A	0848	0908	1010	1206
Restrict Air Traffic		1140	N/A	1057	1022 [Out to 5 mi] 1157 [Out to 10 mi]	1024	N/A
Restrict Rail Traffic		-----	-----	-----	-----	-----	N/A
Restrict Waterways		-----	-----	-----	-----	-----	N/A
Close Parks/Wildlife Refuge		0929	-----	N/A	1225	N/A	N/A
Livestock Advisory:		0935		N/A	0929	0927	0931 – K-Co
Agricultural Hold		1155	N/A	N/A	N/A	N/A	N/A
First Notice Advisory:		-----	-----	-----	0854	-----	-----
1 st IPAWS/WEA:		1210	N/A	1210	1210	N/A	N/A
1 st IPAWS Message: B		1215	-----	1215	1215	N/A	N/A

Appendix A: Exercise Timeline (Cont'd)

Emergency Classification Level Event or Action	Time that Notification Was Received or Action Was Taken All times Central Daylight Time (CDT)					
	SEOC	SEOC SRC	ICP	MANITOWOC County	KEWAUNEE County	PBNP JIC
1st Protective Action Decision[s] – County PAD[s]: Shelter-In-Place Sub-Areas: 5-miles / 360° K-Co Evacuate Schools: 5-miles / 360° DRD Correction: No Change	1205	1205	1205	1205	1204	1211
	N/A	No Change	N/A	N/A	N/A	N/A
2nd IPAWS/WEA	N/A	N/A	N/A	N/A	N/A	N/A
2nd IPAWS Message: D	N/A	N/A	N/A	N/A	N/A	N/A
KI Administration Recommendation:	1202	1205	1202	1202	1155	N/A
KI Administration Decision:	1205	1205	1205	1205	1205	N/A
Emergency Workers	1205	1205	1205	1205	1155	N/A
Institutionalized Persons	1205	1205	1205	1205	1155	N/A
General Public	N/A	N/A	N/A	N/A	N/A	N/A

----- - Time not recorded/reported

N/A - Not Applicable

Appendix B: Participating Organizations

Federal Agencies

Federal Emergency Management Agency
U.S. Coast Guard– Two Rivers Station
U.S. Department of Agriculture – Manitowoc County Extension
U.S. Department of Commerce - National Weather Service
U.S. Department of Health and Human Services - Centers of Disease Control and Prevention
U.S. Nuclear Regulatory Commission

State of Wisconsin

Green Lake County- Observer
Milwaukee County Office of Emergency Management
Minnesota Homeland Security and Emergency Management - Observer
Wisconsin Bureau of Environmental and Occupational Health
Wisconsin Department of Children and Families
Wisconsin Department of Health Services
Wisconsin Department of Justice
Wisconsin Department of Military Affairs
Wisconsin Department of Natural Resources
Wisconsin Department of Transportation
Wisconsin Emergency Management
Wisconsin Joint Operations Center
Wisconsin National Guard - 54th Civil Support Team
Wisconsin Office of Emergency Communications
Wisconsin State Patrol
Wisconsin Department of Agriculture, Trade and Consumer Protection

Manitowoc County

American Red Cross
Appleton HazMat
Amateur Radio Emergency Service Operators
Brown County Emergency Management Observer
Community Organizations Active in Disaster
Dominion Generation Observer
Holy Family Medical Center - Manitowoc
Manitowoc County Aging and Disability Resource Center
Manitowoc County Board Chair/Executive
Manitowoc County Department of Public Works
Manitowoc County Dispatch
Manitowoc County Emergency Management
Manitowoc County Emergency Medical Service
Manitowoc County Fire Department
Manitowoc County Fire/HazMat
Manitowoc County Health Department

Manitowoc County Highway Department
Manitowoc County Human Services
Manitowoc County Joint Dispatch Center
Manitowoc County Police Department
Manitowoc County Sheriff's Office
Mishicot Ambulance
Mishicot Fire Department
NextEra Energy
Radio Amateur Civil Emergency Service Operators
Sheboygan HazMat
Two Creeks Fire Department
Two Rivers Police Department

Kewaunee County

Casco Fire Department
Casco Lincoln First Responders
Green Bay Metro Fire Department Hazardous Response Team
Kewaunee County Board Chair
Kewaunee County Amateur Radio - Amateur Radio Emergency Service/Radio Amateur Civil Emergency Service (ARES/RACES)
Kewaunee County Cooperative Extension
Kewaunee County Emergency Management Agency
Kewaunee County Highway Department
Kewaunee County Human Services
Kewaunee County Land Information Office - GIS
Kewaunee County Land & Water Department
Kewaunee County Public Health Department
Kewaunee County Sheriff Department
Kewaunee County Sheriff Department – Emergency Dispatch
Luxemburg Community Fire Department
Luxemburg Rescue Squad
Luxemburg Police Department
Point Beach Nuclear Plant Liaison
Wisconsin Emergency Management Liaison

Private and Non-Profit Organizations

211/United Way
American Red Cross – Northeast Wisconsin Chapter
Aurora BayCare Medical Center – Green Bay
Civil Air Patrol
NextEra Energy
Screening Hearts in Newborns (SHINE)
University of Wisconsin Extension

Appendix C: Evaluation Team

Exercise Management	Name	Agency/ Organization
Chair, Regional Assistance Committee	Sean O’Leary	DHS/FEMA
Exercise Director	Carl Bebrich	DHS/FEMA
Assistant Exercise Director	Stephen Tulley	DHS/FEMA
Assistant Exercise Director	Edward Golinski	DHS/FEMA
Wisconsin Site Specialist	James King	DHS/FEMA
Team Leader-State of Wisconsin	Debra Schneck	DHS/FEMA
Team Leader-Kewaunee County	Todd Trygier	DHS/FEMA
Contractor Evaluator Support-Regional Coordinator	John Wills	Cadmus Group Inc.
Contractor Scenario Technical Reviewer	John Wills	Cadmus Group Inc.

Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
State of Wisconsin		
Holy Family Memorial Medical Center MS-1 (Facility)	Edward Diaz	DHS/FEMA
Aurora Bay Medical Center MS-1 (Facility)	Brian Reinhart	DHS/FEMA
Manitowoc County		
Initial Warning Point	Edward Diaz	DHS/FEMA
Emergency Operations Center	Tom Gahan	Cadmus Group Inc.
	Tony Adduci	DHS/FEMA
Staging Area /TOC	Todd Lawson	DHS/FEMA
Incident Command Post	Brett Beardsley	DHS/FEMA
Traffic & Access Control Point	Curtis Williams	DHS/FEMA
Manitowoc County JIC Representative	Meg Swearingen	Cadmus Group Inc.
Manitowoc Reception Center	Danielle Coetzee	DHS/FEMA
	Meg Swearingen	Cadmus Group Inc.
Holy Family Memorial Medical Center MS-1 (Transport)	James King	DHS/FEMA
Kewaunee County		
Initial Warning Point	Angela Cloutier	DHS/FEMA
Emergency Operations Center	Bill Webb	Cadmus Group Inc.
	Ron Schmitt	Cadmus Group Inc.
Traffic & Access Control Point	Roger Winklemann	Cadmus Group Inc.

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Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
Kewaunee County JIC Representative	Meg Swearingen	Cadmus Group Inc.
Kewaunee Reception Center	James King	DHS/FEMA
	Carl Bebrich	DHS/FEMA
MS-1 (Transport) Luxemburg Ambulance	Christopher Bellone	DHS/FEMA

Appendix D: Acronyms and Abbreviations

Acronym	Description
ADV	Atmospheric Dump Valve
ARES	Amateur Radio Emergency Services
CDT	Central Daylight Time
DHS	Department of Homeland Security
DMA	Department of Military Affairs
DOE RAP	Department of Energy Radiological Assistance Program
DRD	Direct Reading Dosimeter
EAL	Emergency Action Level
EAS	Emergency Alert System
ECL	Emergency Classification Level
EMS	Emergency Medical Services
EOC	Emergency Operations Center
EoP	Extent of Play
EPZ	Emergency Planning Zone
ERNIE	Emergency Response Notifications of Incidents and Events
FBI	Federal Bureau of Investigation
FMT	Field Monitoring Team
FEMA	Federal Emergency Management Agency
FOC	Forward Operations Center
HAB	Hostile Action-Based
ICP	Incident Command Post
IPAWS	Integrated Public Alert & Warning System
JIC	Joint Information Center
JOC	Joint Operations Center
KI	Potassium Iodide
MRL	Mobile Response Lab
MW	megawatts
NARS	Nuclear Accident Reporting System
NRC	Nuclear Regulatory Commission
NUREG	Nuclear Regulatory Commission Regulation
ORO	Offsite Response Organization
PAD	Protective Action Decision
PAR	Protective Action Recommendation
PBNP	Point Beach Nuclear Plant
PIO	Public Information Officer
PPE	Personal Protective Equipment
PRD	Permanent Record Dosimeter
RAC	Regional Assistance Committee

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Acronym	Description
RACES	Radio Amateur Civil Emergency Services
RCS	Reactor Coolant System
REA	Radiation Emergency Area
REP	Radiological Emergency Preparedness
REPP	Radiological Emergency Preparedness Program
RIRP	Radiological Incident Response Plan
RSO	Radiation Science Officer
SGTR	Steam Generator Tube Rupture
SEOC	State Emergency Operations Center
SHINE	Screening Hearts in Newborns
SMS	Short Message Service
SOG	Standard Operating Guide
SRC	State Radiological Coordinator
TACP (TCP/ACPs)	Traffic / Access Control Points
TED	Total Effective Dose
TMC	Traffic Management Center
TOC	Tactical Operations Center
UW	University of Wisconsin
WEA	Wireless Emergency Alerts
WEM	Wisconsin Emergency Management
WERP	Wisconsin Emergency Response Plan
WING	Wisconsin National Guard
WSP	Wisconsin State Patrol

Appendix E: Onsite/Offsite Scenario Timeline

The PBNP is owned and operated by NextEra Energy, LLC. The plant consists of two-loop pressurized water reactors (Units 1 and 2) supplied by Westinghouse Electric Company, rated at 512 and 514 megawatts (MW), respectively. The operating licenses for the facility were granted in August 1973 (Unit 1) and October 1974 (Unit 2). Commercial operations began at the site during December 1973 (Unit 1) and December 1974 (Unit 2). The plant site is located about 30 miles southeast of the city of Green Bay in Two Rivers, Wisconsin. The protective action Sub-Areas located within the 10-mile EPZ are as follows: 5, 10N, 10NW, 10W, 10SW and 10S. The 10-mile EPZ is divided between Manitowoc and Kewaunee counties.

Licensee Protective Action Recommendation Summary

Time	Protective Action Recommendation	
1155-1210 CDT	Shelter 0-5 miles all Sectors	
	Manitowoc	Kewaunee
	Sub-Areas 5	Sub-Area 5

Initial Plant Conditions:

Unit 1:

- Unit 1 is operating at 100% power.

Unit 2:

- Unit 2 is operating at 100% power.

Scenario:

At 0805 Central Daylight Time (CDT), a delivery vehicle drives up to the Vehicle Barrier System. The driver exits the building, opens the rear door of the vehicle, and enters the [Redacted] Building. At 0815 CDT, gunshots are reported [Redacted] Building and 911 is activated to report an attack on the station.

By 0820 CDT, an ALERT Emergency Classification Level (ECL) is declared per Emergency Action Level (EAL) [Redacted]. Attack ongoing within the Protected Area. The reactors are tripped, and employees take cover.

At 0855 CDT, a second delivery truck drives to the north end of the site, rear doors are opened, and [Redacted]. The driver leaves in a second vehicle.

At 0945 CDT, a large explosion occurs. The Control Room loses Atmospheric Dump Valve (ADV) indications, and a Steam Generator Tube Rupture (SGTR) occurs. Radiation levels eventually rise to 300 R/hour [Redacted] by 1045 CDT. The Reactor Coolant System (RCS) leak rate is currently estimated at 150 gpm. Both the RCS and Containment barriers are lost due to the SGTR and an open ADV. A RELEASE to the environment has commenced.

By 0947 CDT, the Control Room has determined that the Steam Generator cannot be isolated. [Redacted]. At 1015 CDT, a Security Officer is injured by a [Redacted] and requires tactical extraction.

At **1140 CDT**, radiation monitors exceed 577 R/hour. Fuel Clad barrier is assumed to be lost, meeting the **GENERAL EMERGENCY** EAL criteria. The Licensee issues the Protective Action Recommendation

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(PAR) of SHELTER 5-mile radius between 1155 and 1210 CDT. Licensee dose projections do not indicate any Protective Action Guides (PAGs) are exceeded; however, the hostile action remains in progress.

No exercise termination time is specified.

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Appendix F: Extent-of-Play Agreements



Nuclear Power Plant Exercise

Point Beach Nuclear Plant (PBNP) Hostile Actin Based (HAB) Exercise
Extent-of-Play Agreement

August 15, 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 Point Beach Nuclear Power Plant (PBNP) Hostile Action-Based (HAB) Exercise, as agreed to by the offsite response organizations (ORO) and the Federal Emergency Management Agency (FEMA) Region 5, Radiological Assistance Committee (RAC) Chair.

The Extent-of-Play (EoP) Agreement is negotiated during the exercise planning process and documents deviations from activities as described in plans and procedures for exercise demonstration purposes. The EoP 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

Kewaunee County, Manitowoc County, and the State of Wisconsin will be fully participating in this exercise with select criteria for evaluation in accordance with the 2023-2024 Work Plan approved by the FEMA Region 5 RAC Chair on April 25th, 2023.

The exercise has both In-Sequence and Out-of-Sequence demonstration activities.

In-Sequence

In-sequence activities will occur on August 15th, 2023.

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

- Forward Operations Center (FOC) / Mobile Response Lab (MRL)
- Joint Information Center (JIC)
- Kewaunee County Emergency Operations Center
- Kewaunee County Sheriff's Office
- Manitowoc County Emergency Operations Center
- Manitowoc County Joint Dispatch Center
- Manitowoc County Incident Command Post
- Manitowoc County Staging Area/Tactical Operations Center (TOC)
- State of Wisconsin Emergency Operations Center (SEOC) / State Radiological Coordinator (SRC) Room
- Wisconsin National Guard Joint Operations Center (JOC)

Out-of-sequence

Out-of-sequence activities will occur at several field locations and will be managed independently. All demonstrations will commence promptly and, barring any complications, not continue past the end time. (See Table – 1)

Out-of-sequence activities will be conducted at the following locations:

- Aurora Bay Care Medical Center
- Holy Family Memorial Hospital
- Kewaunee County Reception Center
- Manitowoc County Reception Center

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 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 Out-of-sequence Activities		
Kewaunee County Medical Services Exercise (Hospital Portion)	Aurora Baycare Medical Center 2845 Greenbrier Rd, Green Bay	June 29th, 2023 3:00pm – 5:00pm
Kewaunee County Reception Center Exercise	Kewaunee County Reception Center 318 North Main, Luxemburg	June 29th, 2023 6:00pm
Kewaunee County Medical Services Exercise (Transport Portion)	Kewaunee County Reception Center 318 North Main, Luxemburg	June 29th, 2023 ~6:30pm
Kewaunee County Dosimetry Briefing	Kewaunee County Reception Center 318 North Main, Luxemburg	June 29th, 2023 ~6:30pm
FEMA Pre-Exercise Briefing	Holiday Inn 4601 Calumet Ave, Manitowoc	August 14th, 2023 2:00pm
Manitowoc County Medical Services Exercise (Hospital & Transport)	Holy Family Memorial Medical Center 2300 Western Ave, Manitowoc	August 16th, 2023 6:30am
Manitowoc County Reception Center Exercise	Manitowoc County Reception Center 3500 Highway 310, Manitowoc	August 14th, 2023 6:00pm
Manitowoc County Dosimetry Briefing	Manitowoc County Reception Center 3500 Highway 310, Manitowoc	August 14th, 2023 ~6:30pm
In-Sequence Activities		
Manitowoc County		
Manitowoc County Initial Warning Point	Manitowoc County Emergency Services 1024 S 9 th St, Manitowoc 2 nd Floor Joint Dispatch Center	August 15th, 2023 In Sequence
Manitowoc County Emergency Operations Center	Manitowoc County Emergency Services 1024 S 9 th St, Manitowoc 1 st Floor EOC	August 15th, 2023 In Sequence
Manitowoc County Incident Command Post (ICP)	Site Boundary Building 6610 Nuclear Rd, Two Rivers	August 15th, 2023 In Sequence

Activity	ORO/Location	Date/Time
Manitowoc County Staging Area/TOC	Town of Two Creeks Fire Department 5128 E Tapawingo Rd, Two Rivers	August 15th, 2023 In Sequence
Manitowoc County Traffic & Access Control Point	Manitowoc County Emergency Services 1024 S 9 th St, Manitowoc	August 15th, 2023 ~8:30am
Kewaunee County		
Kewaunee County Initial Warning Point	Kewaunee County Sheriff's Office 620 Juneau St, Kewaunee Dispatch Center	August 15th, 2023 In Sequence
Kewaunee County Emergency Operations Center	Kewaunee County Emergency Management 625 Third St, Luxemburg	August 15th, 2023 In Sequence
Kewaunee County Traffic & Access Control Point	Kewaunee County Emergency Management 625 Third St, Luxemburg	August 15th, 2023 8:15am
State of Wisconsin		
State of Wisconsin Initial Warning Point	Wisconsin Emergency Management 2400 Wright St, Madison JOC	August 15th, 2023 In Sequence
State of Wisconsin Emergency Operations Center/State Radiological Coordinator (SRC) Room	Wisconsin Emergency Management 2400 Wright St, Madison SEOC Room	August 15th, 2023 In Sequence
Joint Information Center (JIC)	JIC/EOF 3060 Voyager Dr, Green Bay	August 15th, 2023 In Sequence
Forward Operations Center (FOC) / Mobile Response Lab (MRL)	Manitowoc County Highway Shop 3500 Highway 310, Manitowoc	August 15th, 2023 In Sequence
Field Monitoring Teams	Manitowoc County Highway Shop 3500 Highway 310, Manitowoc	August 15th, 2023 In Sequence
Post-Exercise Activities		
Participants Briefing	Manitowoc County Emergency Services 1024 S 9 th St, Manitowoc 1 st Floor EOC	August 18th, 2023 10:00am

Activity	ORO/Location	Date/Time
Public/Media Briefing	Manitowoc County Emergency Services 1024 S 9th St, Manitowoc 1st Floor EOC	August 18th, 2023 11:00am

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.

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.

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: 1.1, 1.5, 2.1, 2.2, 3.1, 5.1, 5.2, 5.3, and 5.4,

2019 Capability Targets that will be demonstrated during this exercise and may be re-demonstrated immediately for credit at the decision of the Jurisdiction FEMA Team Leader, or as approved on a case-by-case basis by the Chairperson of the FEMA Region 5 Radiological Assistance Committee, Include the following: 1.2 and 3.3

2019 Capability Targets that will be demonstrated during this exercise and may be re-demonstrated, as approved on a case-by-case basis by the Chairperson of the FEMA Region 5 Regional Assistance Committee, include the following: 1.3, 1.4, and 3.2.

Section 2: Extent-of-Play Agreement

Standards & References

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

- Aurora BayCare Radiation Disaster Plan
- DHS/FEMA REP Program Manual December 2019
- Holy Family Memorial Radiation Exposure Policy & Protocol
- Kewaunee County Emergency Operations Plan
- Kewaunee County Reception Center Plan
- Manitowoc County Emergency Operations Plan
- NUREG 0654/FEMA REP 1 Rev. 2.
- PBNP Emergency Alert System Pre-Scripted Message Manual
- PBNP Integrated Response Plan
- State of Wisconsin Department of Health Services Radiological Incident Response Plan (RIRP)
- State of Wisconsin Emergency Hotline SOG 2-20
- State of Wisconsin Emergency Operations Center (SEOC) Manual
- State of Wisconsin Emergency Response Plan (WERP)

Exercise Participants

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

Federal

- Department of Energy Radiological Assistance Program (DOE RAP)
- Federal Bureau of Investigation (FBI)
- Federal Emergency Management Agency (FEMA)
- Nuclear Regulatory Commission (NRC) Liaison

State of Wisconsin

- American Red Cross
- ARES/RACES
- Department of Agriculture, Trade, & Consumer Protection
- Department of Children and Families
- Department of Health Services (DHS)
- Department of Health Services- Radiation Protection Section
- Department of Natural Resources (DNR)
- Department of Transportation
- Point Beach Nuclear Plant Utility Liaison
- United Way 211
- Wisconsin Emergency Management (WEM)
- Wisconsin National Guard (WING)
- Wisconsin State Patrol (WSP)

Manitowoc County

- Aging & Disability Resource Center
- American Red Cross
- ARES/RACES
- County Ag UW-Extension
- County Executive
- Emergency Services
- Fire/EMS
- Hazmat Team
- Highway Department
- Human Services
- Point Beach Utility Liaison
- Public Health
- Sheriff's Office/Law Enforcement
- WEM Liaison

Kewaunee County

- American Red Cross
- ARES/RACES
- County Ag UW-Extension
- County Board Representative
- Emergency Management
- Fire/EMS
- Highway Department
- Human Services
- Point Beach Utility Liaison
- Public Health
- Sheriff's Office/Law Enforcement
- WEM Liaison

Section 3: Objectives and Exceptions

Objective 1: Emergency Operations Management

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

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

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

Core Capabilities: Operational Coordination

Exercise Parameters:

The Kewaunee County EOC will be activated per procedure and staff will respond when notified. The facility will not be pre-staged and will be setup when notified. The following exceptions will be allowed:

- WEM Liaisons, Red Cross, Fire/EMS, & ARES/RACES will be pre-positioned in the vicinity of the EOC and will respond when notified.

The Manitowoc County EOC will be activated per procedure and staff will respond when notified. The facility will not be pre-staged and will be setup when notified. The following exceptions will be allowed:

- WEM Liaisons, PIO, and Red Cross will be pre-positioned in the vicinity of the EOC and will respond when notified.

The State of Wisconsin EOC (SEOC)/State Radiological Coordinator (SRC) Room will be activated per procedure and staff will respond when notified. The facility will not be pre-staged and will be setup when notified. The following exceptions will be allowed:

- The public inquiry hotline is operated by United Way 211 with a largely virtual staff that are operational 24/7. A United Way 211 representative will be in the SEOC as a liaison.
- SRC Room staff will be pre-positioned in the DMA break room or parking lot and will respond when notified.
- The Point Beach Nuclear Plant Liaison will be pre-positioned in the vicinity of the SEOC and will respond when notified.

The Joint Information Center (JIC) will be activated per procedure and staff will respond when notified. The facility will not be pre-staged and will be setup when notified. The following exceptions will be allowed:

- State and county staff will be pre-positioned in the vicinity of the JIC and will respond when notified.

The Incident Command Post (ICP) will be activated per procedure and staff will respond when notified. The facility will not be pre-staged and will be setup when notified. The following exceptions will be allowed:

- A 911 call to the Manitowoc County Joint Dispatch Center will be placed by a player/controller to initiate the HAB portion of the exercise. Dispatch will notify a pre-designated Sheriff's Office Shift Commander who will activate resources that are either pre-staged or responding in real-time to Staging Area and respond to the ICP.

The Staging Area/Tactical Operations Center (TOC) will be pre-positioned at the Two Creeks Fire Department, 5128 E Tapawingo Rd, Two Rivers with various law enforcement, fire, and EMS units arriving at ~8:00am or in-real time and awaiting mobilization from the ICP in-sequence. An adequate number of units will be available to conduct HAB missions as directed by the ICP; however, some missions may be simulated due to the limited number of units available for the exercise. Real-world incidents may further limit the availability of units in the Staging Area/TOC resulting in additional simulation.

A Radiation Science Officer (RSO) will be pre-positioned at the Lakeside Country Store, 12124 Highway 42, Mishicot, and will respond to the Incident Command Post (ICP) when notified.

The Forward Operating Center (FOC) /Mobile Response Lab (FOC/MRL) and Field Monitoring Teams will be pre-positioned at the Manitowoc Highway Department, 3500 Highway 310, Manitowoc, and will be mobilized when notified.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

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	See Exercise Parameters
Receive and verify notifications.	All Venues	See Exercise Parameters
Identify and request additional resources, as needed.	All Venues	See Exercise Parameters
Determine a facility is operational.	All Venues	See Exercise Parameters

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

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

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

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

Exercise Parameters: Offsite response organizations will demonstrate the capability to direct and control the overall response effort with their areas of responsibility as outlined in their respective plans.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Support protective action decision-making.	All Venues	See Exercise Parameters
Conduct briefings in a timely manner.	All Venues	See Exercise Parameters
Maintain Situational Awareness	All Venues	See Exercise Parameters
Coordinate response activities with other organizations.	All Venues	See Exercise Parameters
Obtain resources to support emergency operations	All Venues	See Exercise Parameters
Provide and maintain adequate facilities and equipment to support the emergency response.	All Venues	See Exercise Parameters

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

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

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

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

Exercise Parameters: Potential plume location and dose will be projected through the use of models, data from the field, monitoring teams, and information provided by the licensee. Appropriate Protective Action Recommendations (PARs) will be developed as outlined in the Plan.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. This is not a county function and therefore, the counties will not be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Select and implement pre-planned precautionary protective actions	State Emergency Operations Center (SEOC) / SRC Room	See Exercise Parameters
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 Emergency Operations Center (SEOC) / SRC Room	See Exercise Parameters
Develop PARs	State Emergency Operations Center (SEOC)	See Exercise Parameters
Transmit PARs in a timely manner	State Emergency Operations Center (SEOC)	See Exercise Parameters
Assess radiological consequences and provide appropriate PARs for populations within the plume.	State Emergency Operations Center (SEOC)	See Exercise Parameters

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

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

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

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

Exercise Parameters: A decision making process involving consideration of all relevant factors and all necessary coordination will be utilized as outlined in plans and procedures. A PAR/PAD board within WebEOC may be used but will not be evaluated. **Note:** The WebEOC PAR/PAD board tool's functionality and/or limitations are not intended for evaluation during the Exercise. The *Green Sheet* remains the formal document for issuing the PAR from the SRC.

Decision makers will determine protective action(s) subsequent to discussion with the State Emergency Operations Center (SEOC), Kewaunee County EOC, Manitowoc County EOC, and the Incident Command Post (ICP) and following recommendations from the licensee and the State Radiological Coordinator (SRC). The ICP will ensure any PADs do not interfere with law enforcement operations or cause unintended safety risks as a result of the HAB activity.

Protections for groups of persons with access/functional needs are included in the State and counties' Emergency Operations Plans to include notification, evacuation of schools, and the use of KI. These decisions will be demonstrated per their respective plans. Note: Manitowoc and Kewaunee Counties do not distribute or recommend KI to the public in accordance with their plans but may distribute and recommend KI for immobile populations and emergency workers if advised to do so by the State of Wisconsin.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Coordinate and make PADs for members of the general public.	SEOC/SRC Room, Kewaunee EOC, Manitowoc EOC, and ICP	See Exercise Parameters
Coordinate and make PADs for those with access and functional needs.	SEOC/SRC Room, Kewaunee EOC, Manitowoc EOC, and ICP	See Exercise Parameters
Coordinate and make PADs for students at schools.	SEOC/SRC Room, Kewaunee EOC, and Manitowoc EOC	See Exercise Parameters
Coordinate and make subsequent or alternate PADs.	SEOC/SRC Room, Kewaunee EOC, Manitowoc EOC, and ICP	See Exercise Parameters
Coordinate and make decisions on the administration of KI (where applicable) for emergency workers and institutionalized members of the population.	SEOC/SRC Room, Kewaunee EOC, and Manitowoc EOC	See Exercise Parameters

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

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

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

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

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

Exercise Parameters:

Evacuations and/or shelter in place orders to the public, including those with access and functional needs, will be simulated by both Kewaunee and Manitowoc Counties. Evacuations will be ordered via pre-scripted EAS and Special News Broadcasts that include evacuation routes, reception centers, and public inquiry numbers. The broadcast of these messages will be simulated. The clearing of any impediments to evacuation routes will be simulated and any resulting modifications to evacuation routes will be coordinated by the respective county EOC with input from the SRC and ICP.

Manitowoc and Kewaunee County EOC staff maintains a list of people with special transportation/notification needs (as provided by the clients) as well as agencies who serve clients with special needs and will simulate providing evacuation assistance for these people by contacting transportation providers. Any client lists cannot be copied or removed from either county EOC in order to protect confidentiality.

School will be simulated as “in-session” for the exercise. Any school evacuations or shelter in place orders will be simulated in Manitowoc County, including any telephone calls to/from school districts or transportation of students. School communications between the Kewaunee EOC and students in Kewaunee County will be simulated. There will be no school district representative in the Manitowoc County EOC or the Kewaunee County EOC. Upon request, the Superintendent or a school representative may be available to discuss the plans via interview out-of-sequence.

Upon request, sufficient quantities of potassium iodine (KI) will be made available for inspection at Kewaunee and Manitowoc Counties. Kewaunee and Manitowoc Counties do not distribute or recommend KI to the public in accordance with their plans but may distribute and recommend KI for immobile populations and emergency workers if advised to do so by the State of Wisconsin. Any distribution of KI to emergency workers or immobile populations will be simulated.

There are no jails within the 10-mile EPZ that would require evacuation or KI.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Implement PADs, ensuring communication and coordination with all appropriate jurisdictions.	Kewaunee County EOC, Manitowoc County EOC, and ICP	See Exercise Parameters
Assist those with access and functional needs during the implementation of PADs.	Kewaunee County EOC and Manitowoc County EOC	See Exercise Parameters

Assessment	Venue	Extent-of-Play
Communicate, coordinate, and implement protective actions for schools.	Kewaunee County EOC and Manitowoc County EOC	See Exercise Parameters
Communicate with transportation officials.	Kewaunee County EOC and Manitowoc County EOC	See Exercise Parameters
Identify evacuation routes for the general public.	Kewaunee County EOC and Manitowoc County EOC	See Exercise Parameters
Make KI available to both institutionalized persons and the general public, in accordance with plans and procedures	Kewaunee County EOC and Manitowoc County EOC	See Exercise Parameters

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

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

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

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

Exercise Parameters: N/A

The State of Wisconsin, Kewaunee County, and Manitowoc County have not selected to demonstrate this capability target at this exercise and therefore, will not be evaluated on this capability target.

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

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

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

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

Exercise Parameters: N/A

The State of Wisconsin, Kewaunee County, and Manitowoc County have not selected to demonstrate this capability target at this exercise. This capability target was successfully demonstrated through a tabletop exercise in March 2023 as part of the 2023-2024 Work Plan.

Objective 2: Exposure Control

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

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

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

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

Exercise Parameters:

Emergency workers will be issued dosimetry, potassium iodine (KI), and briefed on their usage and exposure limits at the Kewaunee County Reception Center and Manitowoc County Reception Center out-of-sequence demonstrations. Only the number of dosimeters sufficient to demonstrate the issuing process will be distributed; not all emergency workers at these sites will be required to be issued dosimetry. Emergency workers will be available for interview following the briefing. Ingesting KI will be simulated.

Emergency workers at the Staging Area will also be issued dosimetry, potassium iodine (KI), and briefed on their usage and exposure limits in-sequence as part of the HAB portion of the exercise. Only the number of dosimeters sufficient to demonstrate the issuing process will be distributed; not all emergency workers at these sites will be required to be issued dosimetry. Emergency workers will be available for interview following the briefing. Ingesting KI, if advised to do so during exercise play, will be simulated.

Field Monitoring Teams will also be issued dosimetry, potassium iodine (KI), and briefed on their usage and exposure limits at the FOC/MRL in-sequence demonstrations. Each Field Monitoring Team member and the FOC/MRL staff will receive dosimetry. Field Monitoring Team workers will be available for interview following the briefing. Ingesting KI, if advised to do so during exercise play, will be simulated.

The maintenance of dose records will be simulated although the Emergency Management Director may be interviewed on the process at the Kewaunee EOC and Manitowoc EOC. Staff at the FOC/MRL may also be interviewed.

The State Radiological Coordinator (SRC) will advise counties on the authorization of exposure and dose above established limits as well as the use of KI. The SRC is available for interview on this process in the SEOC/SRC Room.

Kewaunee and Manitowoc County chief elected official or ICP must authorize workers to exceed established limits on the recommendation of the SRC.

Re-entry of members of the public is simulated. Members of the public who must re-entry are treated as emergency workers in both Kewaunee and Manitowoc Counties. The Emergency Management Director at either the Kewaunee EOC or the Manitowoc EOC may be interviewed on this process.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	Manitowoc Reception Center, Kewaunee Reception Center, Staging Area, FOC/MRL Field Monitoring Teams, ICP	See Exercise Parameters
Maintain record of dose as a result of exposure.	Kewaunee EOC, Manitowoc EOC, FOC/MRL	See Exercise Parameters
Authorize exposures and dose in excess of identified limits.	SEOC/SRC Room	See Exercise Parameters
Process for considering occupational exposures and to authorize individuals to receive doses in excess of occupational dose limits.	SEOC/SRC Room	See Exercise Parameters
Determine a correction factor for DRD-based isotopic release mixture	SEOC/SRC Room	No Exceptions
Control exposure and dose for temporary reentry of emergency workers, or members of the public, to restricted areas.	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters
Determine the need to authorize radioprotective drugs using projected thyroid doses and field measurements. Projections are compared to previously established PAGs.	SEOC/SRC Room	See Exercise Parameters
Adequately protect members of the public from radiological exposure and control dose for those who are	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters

Assessment	Venue	Extent-of-Play
authorized to temporarily reenter a restricted area.		

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

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

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

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

Exercise Parameters:

An adequate inventory of DRDs, PRDs, and KI are available for inspection. In Kewaunee County, DRD's, PRD's and KI are kept at the Kewaunee County EOC and transported to the Reception Center. In Manitowoc County, DRD's, PRD's, and KI are kept at the Reception Center with additional KI kept at the Manitowoc County EOC. A limited number of DRDs, PRDs, and KI will be transported to the Staging Area for use during the HAB portion of the exercise. DRD's, PRD's and KI are kept on the FOC/MRL and in kits for Field Monitoring Teams.

Emergency workers will be issued dosimetry, potassium iodine (KI), and briefed on their usage and exposure limits at the Kewaunee County Reception Center and Manitowoc County Reception Center out-of-sequence demonstrations. Only the number of dosimeters sufficient to demonstrate the issuing process will be distributed; not all emergency workers at these sites will be required to be issued dosimetry. Emergency workers will be available for interview following the briefing. Ingesting KI will be simulated. Kewaunee County uses simulated KI tablets for the exercise.

Emergency workers will also be issued dosimetry, potassium iodine (KI), and briefed on their usage and exposure limits in-sequence at the Staging Area as part of the HAB portion of the exercise. Only the number of dosimeters sufficient to demonstrate the issuing process will be distributed; not all emergency workers at these sites will be required to be issued dosimetry. Emergency workers will be available for interview following the briefing. Ingesting KI, if advised to do so during exercise play, will be simulated.

Field Monitoring Teams will also be issued dosimetry, potassium iodine (KI), and briefed on their usage and exposure limits at the FOC/MRL in-sequence demonstrations. Each Field Monitoring Team member and the FOC/MRL staff will receive dosimetry. Field Monitoring Team workers will be available for interview following the briefing. Ingesting KI, if advised to do so during exercise play, will be simulated.

The maintenance of dose records will be simulated although the Emergency Management Director may be interviewed on the process at the Kewaunee EOC and Manitowoc EOC. Staff at the FOC/MRL may also be interviewed.

The State Radiological Coordinator (SRC) will advise counties on the authorization of exposure and dose above established limits as well as the use of KI. The Kewaunee and Manitowoc County chief elected official / ICP must authorize workers to exceed established limits on the recommendation of the SRC.

Re-entry of members of the public is simulated. Members of the public who must re-entry are treated as emergency workers in both Kewaunee and Manitowoc Counties. The Emergency Management Director at either the Kewaunee EOC or the Manitowoc EOC may be interviewed on this process.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Maintain an appropriate inventory of DRDs that are leak-tested or current in calibration.	Manitowoc Reception Center, Kewaunee EOC, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
Maintain an appropriate inventory of PRDs.	Manitowoc Reception Center, Kewaunee EOC, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
Retain an adequate supply of radioprotective drugs.	Manitowoc Reception Center, Kewaunee EOC, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
Adequately distribute appropriate DRDs and PRDs.	Manitowoc Reception Center, Kewaunee Reception Center, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
Adequately distribute radioprotective drugs to emergency workers.	Manitowoc Reception Center, Kewaunee Reception Center, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
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.	Manitowoc Reception Center, Kewaunee Reception Center, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters

Assessment	Venue	Extent-of-Play
Record and report exposures in the field.	Manitowoc Reception Center, Kewaunee Reception Center, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
Implement decisions to administer radioprotective drugs.	Manitowoc Reception Center, Kewaunee Reception Center, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
Report to individual responsible for managing exposure and dose when limits are reached.	Manitowoc Reception Center, Manitowoc EOC, Kewaunee Reception Center, Kewaunee EOC, Staging Area, FOC/MRL Field Monitoring Teams	See Exercise Parameters
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.	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters

Objective 3: Alert and Notification

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

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

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

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

Exercise Parameters:

Primary communication systems will be demonstrated. If primary communication systems fail, secondary systems may be demonstrated upon request. A variety of redundant communications system are available at each venue, such as landline phones, cell phone, email, satellite, and two-way radios.

The Point Beach Nuclear Plant uses a system called Emergency Response Notifications of Incidents and Events (ERNIE) to notify offsite response organizations. This system uses a combination of phone, SMS text, and email communications to delivery Nuclear Accident Reporting System (NARS) forms and obtain verification of receipt. Notifications will be received via ERNIE at each Initial Warning Point and subsequent notifications will be received directly in each respective EOC. The primary Initial Warning Point for the State of Wisconsin is the Traffic

Management Center (TMC) in Milwaukee; however, initial notifications are also received directly at the Joint Operations Center (JOC) adjacent to the SEOC and relayed to Wisconsin Emergency Leadership. For the purpose of the exercise, the JOC will serve as the State of Wisconsin Initial Warning Point.

Offsite response organizations use a variety of mass notification systems to activate personnel. Manual calldown lists are backup to these mass notification systems.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Utilize communication systems that are fully functional, continuously available, and redundant.	All Venues	No Exceptions
Maintain periodic test results and corrective actions on a real time basis.	All Venues	No Exceptions
Access at least one communication system that is independent of the commercial telephone system.	All Venues	No Exceptions
Manage the communication systems and ensure that all message traffic is handled without delays that might disrupt emergency operations.	All Venues	No Exceptions
Identify and address any failures of the systems.	All Venues	No Exceptions
Transmit, receive, and understand messages (i.e., "content check").	All Venues	No Exceptions

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

Intent: The capability to provide instructions to the public.

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters:

Manitowoc County Emergency Services will simulate sending an IPAWS Wireless Emergency Alert (WEA) to the Point Beach EPZ, including those portions in Kewaunee County, using the IPAWS Lab as the primary public alerting mechanism. The State of Wisconsin is the backup IPAWS alert sender.

Following the simulation of sending a WEA, a simulated pre-scripted Emergency Alert System (EAS) system message will be sent to Manitowoc and Kewaunee Counties using the IPAWS Lab as the primary public notification mechanism with a follow up phone call, email and/or fax to ensure receipt of the EAS message. The State of Wisconsin is the backup IPAWS EAS sender.

Radio stations WDOR and WOMT were evaluated on their ability to receive IPAWS EAS messages in 2021. Therefore, they do not need to be subsequently evaluated on this capability target. Communications between the radio stations and the Kewaunee County EOC, Manitowoc County EOC, or JIC will be simulated, including the transmittal and broadcast of Special News Broadcasts.

Route alerting is the backup alerting method for IPAWS. In the event of a failure of the IPAWS system during the exercise, both the Kewaunee and Manitowoc County Route Alerting Plans may be inspected, and interviews may be conducted with relevant staff in both EOC's, but route alerting will not be demonstrated in the field. There are no FEMA recognized exception areas in either Kewaunee or Manitowoc County.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target. This is not a State of Wisconsin function and therefore, the State will not be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
ALERT AND NOTIFICATION SYSTEM: Sequentially provide an alert signal followed by an initial instructional message to populated areas.	Manitowoc EOC	See Exercise Parameters
ALERT AND NOTIFICATION SYSTEM: Alert and notify the general public. – (Subsequent Alerts)	Manitowoc EOC	See Exercise Parameters
ALERT AND NOTIFICATION SYSTEM: Identify and address any failures of the system(s) or portion of a system(s).	Manitowoc EOC	See Exercise Parameters
ALERT AND NOTIFICATION SYSTEM: Actual testing of the mobile public address system will be conducted at an agreed-upon location.	N/A	N/A
EMERGENCY ALERT SYSTEM: Identify the process to activate the EAS	Manitowoc EOC	See Exercise Parameters
EMERGENCY ALERT SYSTEM: Ensure that updated emergency	Manitowoc EOC	See Exercise Parameters

Assessment	Venue	Extent-of-Play
information is disseminated in a timely manner.		
EMERGENCY ALERT SYSTEM: Ensure that current emergency information is repeated at pre-established intervals.	Manitowoc EOC	See Exercise Parameters
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.	N/A	See Exercise Parameters
EAS/NWS STATION: Broadcast the message on a 24-hour basis.	N/A	See Exercise Parameters
ROUTE/ALTERNATE ALERTING	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters

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

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

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters:

The State of Wisconsin, Kewaunee County, and Manitowoc County will coordinate public messaging at the Joint Information Center (JIC). PIOs at the JIC will work closely with PIOs at their respective county or State EOC (SEOC). PIOs at the JIC will brief simulated news media in a clear, accurate, and timely manner. Law enforcement personnel from Kewaunee County and Manitowoc County will be present in the JIC to evaluate media release for sensitive information and brief the media regarding the HAB portion of the scenario.

Procedures for early notification of the media will be demonstrated in the State EOC (SEOC) prior to activation of the JIC if driven by the scenario.

Public inquiry calls will be answered by United Way 211 with close liaison to the JIC via the State EOC (SEOC). All public inquiry calls will be simulated via controller inject.

Media inquiry calls will be answered by the JIC. All media inquiry calls will be simulated via controller inject.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
PLUME PHASE: Deliver coordinated, prompt, reliable, and actionable information in a timely manner.	State EOC (SEOC), Kewaunee EOC, Manitowoc EOC, and JIC	See Exercise Parameters
PLUME PHASE: Provide clear, concise, accessible messaging using plain language.	State EOC (SEOC), Kewaunee EOC, Manitowoc EOC, and JIC	See Exercise Parameters
PLUME PHASE: Messaging addresses appropriate cultural and linguistic considerations.	State EOC (SEOC), Kewaunee EOC, Manitowoc EOC, and JIC	See Exercise Parameters
PLUME PHASE: Ensure subsequent messaging is consistent with protective actions.	State EOC (SEOC), Kewaunee EOC, Manitowoc EOC, and JIC	See Exercise Parameters
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.).	State EOC (SEOC), Kewaunee EOC, Manitowoc EOC, and JIC	See Exercise Parameters
PLUME PHASE: Respond to media and public inquiries.	State EOC (SEOC) and JIC	See Exercise Parameters
POST-PLUME PHASE: Rapidly disseminate of ingestion exposure pathway information to predetermined individuals and businesses.		Not Selected
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.		Not Selected

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

Capability Target 4.1: Field Monitoring Teams Management (4.a.2) - FMTs are managed to obtain information to help characterize the release, locate, and track the airborne radiological plume, and control contamination.

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:

Field monitoring teams will be pre-staged and dispatched from the FOC/MRL under the control of the Field Response Team Manager and at the direction of the SRC. Field team survey results will be transmitted to the FOC/MRL. At least one sample will be transported to the FOC/MRL via courier or directly by a team to demonstrate sample receipt.

Field Monitoring Teams operating near the security perimeter of the HAB portion of the exercise will coordinate their movements with the Incident Command Post (ICP).

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. This is not a county function and therefore, the counties will not be evaluated on this capability target.

Assessment	Venue	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.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Direct the FMTs to monitoring locations, predesigned points or otherwise, at times and locations sufficient to characterize the plume.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Obtain peak plume measurements from FMTs.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Direct FMTs to collect air samples at locations and times sufficient to characterize the plume.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Keep Incident Command informed of FMTs activities and location(s) during a HAB incident or other	FOC/MRL and Field Monitoring Teams	See Exercise Parameters

Assessment	Venue	Extent-of-Play
instances when an ICP or other may be in use.		
Coordinate and share information amongst all FMTs (licensee, Federal, state, and local).	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Coordinate sample analysis from field to those responsible for assessing radiological data.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Coordinate transfer of sample media to locations and organizations responsible for assessing radiological data.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Assist with development and modification of sampling plans, as appropriate.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters

Capability Target 4.2: Plume Phase Measurements and Sampling (4.a.3) FMTs make, record, and report measurements of ambient radiation to appropriate authorities; radioiodine and particulate samples are collected.

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: Field Monitoring Teams are capable of obtaining airborne radioiodine and particulate samples, determine field radioiodine measurements, transmitting data and delivering samples to the FOC/MRL. The measurement of and calculation of particulate samples will occur at the MRL or via discussion at the mobile lab. Personal Protective Equipment (PPE) use will be simulated. Charcoal cartridges will be used as a substitute for silver zeolite. Field Monitoring Teams will demonstrate the ability to obtain sample media. All radiological readings for this exercise will be injected by a controller or confirmed as read.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. This is not a county function and therefore, the counties will not be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Maintain emergency equipment including calibration and operational checks according to manufacturer's specifications or per national standards.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters

Assessment	Venue	Extent-of-Play
Maintain inventory for emergency kits.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Operate and monitor radiation survey instruments to detect changes in radiation exposure rate while moving and in stationary positions.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Use appropriate contamination control and PPE.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Be in location(s) at the appropriate times(s) to detect and characterize the active release (plume).	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Obtain peak plume measurements either directly or from licensee Field Monitoring Teams.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Correctly interpret survey instrument readings to determine submersion in the active plume.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
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).	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Handle sample media and equipment to avoid sample cross-contamination, contamination of equipment and personnel contamination.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Determine an appropriate low background location to count sample media.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Count iodine and particulate media using appropriate and effective instrumentation and counting geometries or have samples analyzed by a supporting laboratory within four hours.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Report to field monitoring team manager all survey and counting results in format and units suitable for use by the organization's dose assessor.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters

Assessment	Venue	Extent-of-Play
Procedures, qualified collection and counting efficiencies and calculations are capable of detecting airborne radioactive iodine concentrations as low as 10^{-7} $\mu\text{Ci/cc}$?	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Preparation of packaging, sample identification, and chain-of-custody forms ensures integrity of samples throughout transportation and transfer.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters

Capability Target 4.3: Post-Plume Phase Measurements and Sampling (4.b.1) FMTs take measurements and samples to support assessment of the ingestion exposure pathway and to support reentry, relocation, and return decisions.

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: N/A

The State of Wisconsin, Kewaunee County, and Manitowoc County have not selected to demonstrate this capability target at this exercise and therefore, will not be evaluated on this capability target.

Capability Target 4.4: Laboratory Operations (4.c.1) The laboratory performs radiological analyses to support protective action decision-making.

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: N/A

The State of Wisconsin, Kewaunee County, and Manitowoc County have not selected to demonstrate this capability target at this exercise and therefore, will not be evaluated on this capability target.

Capability Target 4.5: Plume Phase Analysis and Dose Assessment (4.a.3)– Dose assessment considers all available information including plant conditions, environmental conditions, field monitoring, data, sample analysis results, and dose projection calculations.

Intent: The capability to collect data, project doses to members of the public and emergency workers and analyze and communicate the results.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.3, H.13, I.6, I.8, I.10, K.3, and O.1)

Core Capabilities: Environmental Response/Health and Safety; Planning

Exercise Parameters: Field Monitoring Teams are capable of obtaining airborne radioiodine and particulate samples, determine field radioiodine measurements, transmitting data and delivering samples to the FOC/MRL. The measurement of and calculation of particulate samples will occur at the MRL or via discussion at the mobile lab. Personal Protective Equipment (PPE) use will be simulated. Charcoal cartridges will be used as a substitute for silver zeolite. Field Monitoring Teams will demonstrate the ability to obtain ambient radiation measurements and air samples. All radiological readings for this exercise will be injected by a controller or confirmed as read.

RASCAL will be used for dose modeling.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. This is not a county function and therefore, the counties will not be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Obtain adequate data to make dose projections	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Use software and/or other methods (e.g., manual calculations) to make dose projections for members of the public (both TED and thyroid dose) based on plant data.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Compare dose projections to members of the public to EPA PAGs	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Compare dose projections to the public with those of the licensee and discuss differences greater than a factor of ten with the licensee and explain reasons for the difference.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Make initial PARs based on recommendations of the licensee, release data, meteorological data, and other pertinent information.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Promptly communicate PARs to decision-makers.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters

Assessment	Venue	Extent-of-Play
Receive ambient exposure rates from FMTs and compare to model projections	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Calculate iodine and particulate concentrations from FMT air samples	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Calculate plume ratios of noble gas, iodines, and particulates, and compare to model projections.	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Adjust PARs, as necessary, based on analysis of field data	FOC/MRL and Field Monitoring Teams	See Exercise Parameters
Calculate an incident-specific correction factor for emergency workers inside the plume exposure pathway EPZ	FOC/MRL and Field Monitoring Teams	See Exercise Parameters

Capability Target 4.6: Post-Plume Phase Sampling Plan Development and Analysis – Post-plume phase assessment considers all available information, including environmental conditions, field monitoring data, sample analysis results, and dose projection calculations.

Intent: The capability to identify and prioritize sampling, collect data, determine areas where relocation is recommended, identify food that is contaminated above federally approved limits, and analyze and communicate the results.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.3, H.13, I.2, I.6, I.8, I.10, J.12, J.14.b, J.14.c, K.3, M.7, M.8, and O.1)

Core Capabilities: Environmental Response/Health and Safety; Planning

Exercise Parameters: N/A

The State of Wisconsin, Kewaunee County, and Manitowoc County have not selected to demonstrate this capability target at this exercise and therefore, will not be evaluated on this capability target.

Objective 5: Operate

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

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

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

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

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

Exercise Parameters:

Kewaunee and Manitowoc Counties will setup Receptions Centers with the help of the State of Wisconsin to monitor, decontaminate, and register evacuees and their vehicles. These demonstrations will occur out-of-sequence. In Kewaunee County, the out-of-sequence demonstration will occur on June 29th, 2023, at 6:00pm, at the Luxemburg-Casco Intermediate School, 318 N. Main Street, Luxemburg. In Manitowoc County, the out-of-sequence demonstration will occur on August 14th, 2023, at 6:00pm, at the Manitowoc County Highway Department, 3500 Highway 310, Manitowoc.

A Health Team Leader will be provided by the State of Wisconsin Department of Health Services Radiation Protection Section and will oversee and provide technical assistance to county personnel. The Health Team Leader's performance will be evaluated as part of the county response.

Evacuee monitoring and decontamination operations will consist of two portal monitoring stations and one hand monitor. A minimum of one of each type of radiological monitoring instrument will be demonstrated. One staff member will demonstrate donning and doffing of PPE. Local actors or emergency workers will be used as simulated evacuees. No pets, service animals, or belongings will be monitored or decontaminated, but the process may be procedurally explained via evaluator interview. At least six evacuees will be monitored, and one will require decontamination. Decontamination efforts will be procedurally explained by staff. The contaminated individual will not disrobe and will not undergo actual decontamination. The decision to refer individuals who cannot be decontaminated to medical facilities will be procedurally explained via evaluator interview. Only one evacuee decontamination area will be setup, although facilities for both male and female evacuees will be available for inspection. Two vehicles will be monitored with one requiring decontamination. Controllers will place sources and/or inject readings to staff performing monitoring and decontamination. Evacuee monitoring, evacuee decontamination, vehicle monitoring, and vehicle decontamination may be performed sequentially rather than simultaneously if necessary. Staffing capabilities will be established through staffing rosters.

Evacuees will be registered by county staff and/or non-profit organizations. The opening of Congregate Care Centers will be simulated by each respective EOC in-sequence on August 15th if driven by exercise play. No Congregate Care Center locations will be physically opened during this exercise. Staff in the Kewaunee and Manitowoc County EOC's may be interviewed regarding the process and lists of suitable facilities may be reviewed.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Set-up operations	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Operationally check instruments and equipment.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters

Assessment	Venue	Extent-of-Play
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.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Monitor evacuees, service animals, pets, vehicles, and possessions.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Utilize trigger/action levels for determining the need for decontamination	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Decontaminate evacuees, and personal belongings, while limiting the spread of contamination.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Follow-up with any evacuee(s) who cannot be appropriately decontaminated for assessment; ensure the capability to provide evacuee-referrals.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Monitor and decontaminate vehicles	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Provide adequate, separate space for both contaminated and non-contaminated vehicles.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Monitor emergency worker personnel and their equipment and vehicles for contamination	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Decontaminate evacuee vehicles based on trigger/action levels	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Coordinate for incoming evacuees who have been monitored and, if necessary, decontaminated.	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters
Establish shelter operations.	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters

Assessment	Venue	Extent-of-Play
Congregate care centers and operations in host/support jurisdictions are sufficient to support the expected number of evacuees.	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters
Register evacuees	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Ensure the registration area is clean and controlled.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters

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

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

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

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

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

***Exercise Parameters:** Kewaunee and Manitowoc Counties will setup Receptions Centers with the help of the State of Wisconsin to monitor emergency workers, their vehicles, and equipment. These demonstrations will occur out-of-sequence. In Kewaunee County, the out-of-sequence demonstration will occur on June 29th, 2023, at 6:00pm, at the Luxemburg-Casco Intermediate School, 318 N. Main Street, Luxemburg. In Manitowoc County, the out-of-sequence demonstration will occur on August 14th, 2023, at 6:00pm, at the Manitowoc County Highway Department, 3500 Highway 310, Manitowoc.*

Emergency workers and their vehicles and equipment are monitored and decontaminated in the same location as evacuee monitoring and decontamination with prioritized access as needed. The process for prioritizing emergency workers may be procedurally explained via evaluator interview. Therefore, **this criterium will be demonstrated simultaneously with 5.1 with the same extent of play exceptions outlined in section 5.1 above.**

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Set up operations:	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters

Assessment	Venue	Extent-of-Play
Operationally check instruments and equipment.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Monitor emergency worker personnel and their equipment and vehicles for contamination.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Decontaminate emergency worker personnel and their equipment and vehicles based on trigger/action levels.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Control the spread of contamination.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Create and maintain a record of monitoring and decontaminating workers upon completion of monitoring and decontamination activities.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters
Process for prioritizing emergency workers and equipment before the public in facilities where the public and emergency workers are both processed for contamination.	Kewaunee Reception Center and Manitowoc Reception Center	See Exercise Parameters

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

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

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

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

Exercise Parameters:

Two out-of-sequence medical drills will be held for this exercise.

The first demonstration for Kewaunee County will occur on June 29th at Aurora Bay Care Medical Center, 2845 Greenbrier Road, Green Bay. The hospital portion of the drill will be a continuation of the Kewaunee County transport drill but will be demonstrated separately and first.

The transport portion will take place during the Kewaunee County Reception Center demonstration on June 29th, 2023, at ~6:30pm, at the Luxemburg-Casco Intermediate School, 318 N. Main Street, Luxemburg. The ambulance crew will demonstrate cocooning and loading a contaminated/injured patient. The patient will be an actor. The

ambulance crew will simulate calling the hospital to notify them of the transport. The ambulance crew will not actually transport the patient to the hospital.

The hospital portion of the drill will take place on June 29th from 3:00pm to 5:00pm at Aurora Bay Care Medical Center, 2845 Greenbrier Road, Green Bay. A separate contaminated/injured patient will be used during the hospital portion and will be pre-staged at the hospital. They will be cocooned and transferred by the ambulance on June 29th at 6:30pm. Dosimetry and appropriate PPE for ambulance crews will be simulated and demonstrated at other venues.

The second demonstration for Manitowoc County will occur on August 16th at 6:30am at Holy Family Memorial Hospital, 2300 Western Avenue, Manitowoc. The hospital portion of the drill will be a continuation of the Manitowoc County transport drill.

The transport portion will take place immediately prior to the hospital portion. Dosimetry and appropriate PPE for ambulance crews will be simulated and demonstrated at other venues. The ambulance crew will demonstrate cocooning and loading a contaminated/injured patient in the parking lot of the hospital at 6:30am. The patient will be either an actor or mannequin. Ambulance crew will call the hospital to notify them of the transport and transport to the hospital from the parking lot once signaled by the controller.

The hospital portion of the drill will take place on August 16th at ~7:00am at Holy Family Memorial Hospital, 2300 Western Avenue, Manitowoc.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

The State of Wisconsin will fully participate to support the counties but has not selected to be evaluated on this capability target. Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target.

Assessment	Venue	Extent-of-Play
Transport contaminated, injured individuals to medical facilities	Kewaunee Reception Center, Aurora BayCare, and Holy Family Hospital	See Exercise Parameters
Maintain Communications between the medical transportation provider and the receiving medical facility.	Kewaunee Reception Center, Aurora BayCare, and Holy Family Hospital	See Exercise Parameters
Operationally check instruments and equipment.	Aurora Bay Care and Holy Family Hospital	See Exercise Parameters
Set-up, activate, and operate an REA.	Aurora Bay Care and Holy Family Hospital	See Exercise Parameters
Monitor and decontaminate the individual, equipment, and other items.	Aurora Bay Care and Holy Family Hospital	See Exercise Parameters

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

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

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

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

Exercise Parameters: The Kewaunee County Sheriff's Office will discuss and designate traffic and access control points. This will occur at the Kewaunee County EOC. An example traffic and access control point will be established in the parking lot of the Kewaunee County Emergency Operations Center and be demonstrated by interview at 8:15am on Tuesday, August 15th. TACP personnel may be questioned on dosimetry procedures, but actual distribution of dosimetry will be simulated and demonstrated at other venues.

The Manitowoc County Sheriff's Office will discuss and designate traffic and access control points. This will occur at the Manitowoc County EOC in-sequence. An example traffic and access control point will be established in a nearby parking lot of the Manitowoc County Emergency Operations Center and be demonstrated by interview at 8:30am on Tuesday, August 15th. TACP personnel may be questioned on dosimetry procedures, but actual distribution of dosimetry will be simulated and demonstrated at other venues.

One impediment to evacuation will be injected to each county and they will demonstrate the decision-making process to select alternative routes, inform the public of restrictions related to the impediment, and develop a plan to remove the impediment. This coordinated effort will be demonstrated by both the Manitowoc County EOC, Kewaunee County EOC, as well as the JIC.

Highway 42 will be under various stages of road construction in the vicinity of PBNP during the exercise. For exercise play, the highway will be simulated as open and available for normal travel.

Kewaunee County and Manitowoc County will fully participate and have selected to be evaluated on this capability target. This is not a State of Wisconsin function and therefore, the State will not be evaluated on this capability target.

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.	Kewaunee EOC, Manitowoc EOC, and Manitowoc Reception Center	See Exercise Parameters
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.	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters
Contact the state or Federal agencies that have the authority for	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters

Assessment	Venue	Extent-of-Play
the different transportation modes (e.g., rail, water, and air traffic).		
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.	Kewaunee EOC and Manitowoc EOC	See Exercise Parameters
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.	Kewaunee EOC, Manitowoc EOC, and JIC	See Exercise Parameters
Establish procedures to control access to and monitor people and vehicles from the evacuated and restricted areas.		Not Selected
Authorize reentry of individuals into the restricted areas.		Not Selected
Establish exit procedures.		Not Selected

Section 4: Back-up Documentation

State of Wisconsin, Kewaunee County, and Manitowoc County plans, procedures, and other supporting information to be provided separately.

Section 5: Acronyms

ARES – Amateur Radio Emergency Services

DCF – Department of Children and Families

DHS – Department of Homeland Security

DHS – Department of Health Services

DMA – Department of Military Affairs

DNR – Department of Natural Resources

DOT – Department of Transportation

DOE RAP – Department of Energy Radiological Assistance Program

DRD – Direct Reading Dosimeter

EAS – Emergency Alert System

EMS – Emergency Medical Services

EOC – Emergency Operations Center

EoP – Extent of Play

EOP – Emergency Operations Plan

EPZ – Emergency Planning Zone

ERNIE – Emergency Response Notifications of Incidents and Events

FBI – Federal Bureau of Investigation

FEMA – Federal Emergency Management Agency

FOC – Forward Operations Center

FRM – Field Response Manager

HAB – Hostile Action-Based

ICP – Incident Command Post

IPAWS – Integrated Public Alert & Warning System

WING – Wisconsin National Guard

JDC – Joint Dispatch Center

WSP – Wisconsin State Patrol

JIC – Joint Information Center

JOC – Joint Operations Center

KI – Potassium Iodide

MRL – Mobile Response Lab

NARS – Nuclear Accident Reporting System

NRC – Nuclear Regulatory Commission

NUREG – Nuclear Regulatory Commission Regulation

ORO – Offsite Response Organization

PAD – Protective Action Decision

PAR – Protective Action Recommendation

PBNP – Point Beach Nuclear Plant

PPE – Personal Protective Equipment

PRD – Permanent Record Dosimeter

RAC – Regional Assistance Committee

RACES – Radio Amateur Civil Emergency Services

REP – Radiological Emergency Preparedness

RIRP – Radiological Incident Response Plan

RPS – Radiation Protection Section

SEOC – State Emergency Operations Center

SMS – Short Message Service

SRC – State Radiological Coordinator

TACP (TCP/ACPs) – Traffic / Access Control Points

TMC – Traffic Management Center

TOC – Tactical Operations Center

UW – University of Wisconsin

WEA – Wireless Emergency Alerts

WEM – Wisconsin Emergency Management

WERP – Wisconsin Emergency Response Plan

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