



Nuclear Power Plant Exercise

Prairie Island Nuclear Generating Plant

Radiological Emergency Preparedness Exercise

Radiological Emergency Preparedness Program

After-Action Report/Improvement Plan

Exercise Date: August 2, 2022

Report Date: October 26, 2022



FEMA

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Executive Summary

On August 2, 2022, the offsite response organizations of the Prairie Island Nuclear Generating Plant 10-mile emergency planning zone participated in the Plume Exposure Pathway Exercise. The DHS/FEMA Region 5 Radiological Emergency Preparedness Program staff evaluated that exercise, which also included out of sequence activities conducted on July 12, July 28, August 1, and August 3, 2022. This report outlines the evaluation results from the exercise and out of sequence activities.

The purpose of the exercise was to assess the level of state and local preparedness in responding to an incident at the Prairie Island Nuclear Generating Plant. It was conducted in accordance with the DHS/FEMA policies and guidance concerning the exercise of state and local radiological emergency response procedures. The previous federally evaluated exercise for this site was conducted on October 20, 2020. The qualifying emergency preparedness exercise was conducted on December 8, 1981.

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

The DHS/FEMA assessment team identified one Level 2 Finding during this exercise that concerned monitoring of an evacuee vehicle. The Capability Target was successfully redemonstrated and the Finding was resolved during the exercise. Details of the finding can be found in Section 5 “Improvement Plan” of this report.

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

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

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Approximately 400 participants demonstrated reasonable assurance to protect public health and safety while operating in the current SARS-CoV-2/COVID-19 pandemic environment and responding to other ongoing real-world events. The participants demonstrated professionalism and teamwork throughout all phases of the exercise.

Section 1: Exercise Overview

Exercise Name	2022 Prairie Island Nuclear Generating Plant Radiological Emergency Preparedness Exercise	
Type of Exercise	Full-Participation Plume Exposure Pathway Exercise	
Exercise Date	August 2, 2022	
Out of Sequence Date(s)	July 12, July 28, August 1, and August 3, 2022	
Program	Radiological Emergency Preparedness Program	
FINAL Scenario Submittal to / Approval by FEMA	June 2, 2022 / June 27, 2022 (MN); July 25, 2022 / July 26, 2022 (WI)	
FINAL Extent-of-Play Agreement Submittal to / Approval by FEMA	May 18, 2022 / June 27, 2022 (MN); July 25, 2022 / July 26, 2022 (WI)	
Mission Area	Response, Protection, Preparedness	
Exercise Objectives	Emergency Operations Management, Exposure Control, Alert and Notification, Detect, Measure, Sample, Analyze, and Assess, Operate.	
Core Capabilities	Access Control/Identity Verification	Situational Assessment
	Critical Transportation	On-Scene Security, Protection, & Law Enforcement
	Environmental Response/Health & Safety	Operational Communication
	Health & Social Services	Operational Coordination
	Housing	Planning
	Intelligence/Information Sharing	Public Health, Healthcare, & Emergency Medical Services
	Economic Recovery	Public Information & Warning
Participating Organizations	See Appendix B for the list of participating organizations	
Evaluated Facilities	See Appendix F for the extent of play agreements	
Exercise Planning Team	Minnesota Homeland Security and Emergency Management State of Wisconsin Emergency Management Goodhue County EMA Dakota County EMA Pierce County EMA Xcel Energy, Inc. (Prairie Island Nuclear Generating Plant)	
FEMA Exercise Evaluation Leadership Team	Sean O'Leary, RAC Chair Edward Golinski, Exercise Director Carl Bebrich, Assistant Exercise Director Stephen Tulley, Assistant Director Edward Diaz, Site Specialist Todd Trygier, Site Specialist	

Section 2: Exercise Design Summary

2.1 Exercise Purpose

The DHS/FEMA administers the Radiological Emergency Preparedness Program (REP) pursuant to the regulations found in Title 44 C.F.R. § 350, 351, 352, 353, and 354. 44 C.F.R. § 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.

Title 44 C.F.R. § 350 sets forth the mechanisms for DHS/FEMA formal review and approval of state, local, tribal, and territorial government radiological emergency response plans and procedures. One of the REP 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 the 2022 PINGP exercise, together with reviews of the radiological emergency response plans and verification of the periodic requirements set forth in NUREG-0654/FEMA-REP-2, 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

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

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

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

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

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

Section 3: Analysis of Capabilities

3.1 Exercise Evaluation and Results

This section contains the results and findings of the evaluation of all jurisdictions and functional entities that participated in the August 2, 2022, plume exposure pathway exercise and out-of-sequence activities conducted the week of on July 12, July 28, August 1-3, 2022.

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

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

Table 3.1.1 Summary of Exercise Evaluation - State of Minnesota In-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: August 2, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Planning and Assessment Center	Public Inquiry Hotline	Media Briefings at Minnesota Joint Information Center	State PIO at Minnesota Joint Information Center	Regional Program Coordinator Dakota County	Regional Program Coordinator Goodhue County	MSP TACP – Goodhue County Rad Briefing and Interview	State Command Van	State Rad Field Team #1	State Rad Field Team #2
Objective 1: Emergency Operations Management Capability Targets												
1.1: Mobilization	M	M	M	NA	NA	M	M	M	NA	M	M	M
1.2: Direction and Control	NA	M	M	NA	NA	M	M	M	NA	NA	NA	NA
1.3: Protective Action Recommendations	NA	M	M	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	M	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	M	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets												
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	M	NA	NA	NA	NA	NA	M	M	M	M
Objective 3: Alert and Notification Capability Targets												
3.1: Communications	M	M	M	M	NA	M	NA	NA	M	M	M	M
3.2: Alert and Notification of the Public	NA	M	M	NA	NA	NA	M	M	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	NA	M	M	M	NA	NA	NA	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets												
4.1: Field Monitoring Teams Management	NA	NA	M	NA	NA	NA	NA	NA	NA	M	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	M	NA	NA	NA	NA	NA	NA	NA	M	M
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	M	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets												
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	NA	NA	NA	NA	NA	M	NA	NA	NA

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

SITE: Prairie Island Nuclear Generating Plant DATE: August 1, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	MS-1 Facility – Regions Hospital	MS-1 Transportation – Cottage Grove Ambulance
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 3.1.3 Summary of Exercise Evaluation - State of Minnesota Out-of-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: August 3, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	MS-1 Facility – Wabasha St. Elizabeth Hospital	MS-1 Transportation – Wabasha Emergency Services
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 3.1.4 Summary of Exercise Evaluation - Goodhue County In-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: August 2, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Goodhue County PIO at Minnesota JIC	Goodhue County TACP – Rad Briefing and Interview
Objective 1: Emergency Operations Management Capability Targets				
1.1: Mobilization	M	M	M	NA
1.2: Direction and Control	NA	M	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets				
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	NA	M
Objective 3: Alert and Notification Capability Targets				
3.1: Communications	M	M	M	M
3.2: Alert and Notification of the Public	NA	M	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	M	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets				
4.1: Field Monitoring Teams Management	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA
Objective 5: Operate Capability Targets				
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	M

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

SITE: Prairie Island Nuclear Generating Plant DATE: August 3, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	EV-2 - Red Wing School District Offices
Objective 1: Emergency Operations Management Capability Targets	
1.1: Mobilization	NA
1.2: Direction and Control	NA
1.3: Protective Action Recommendations	NA
1.4: Protective Action Decisions Plume Phase	NA
1.5: Protective Action Decision Implementation Plume Phase	M
1.6: Protective Action Decisions Post-Plume Phase	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA
Objective 2: Exposure Control Capability Targets	
2.1: Emergency Worker Exposure Control Decision-Making Process	NA
2.2: Emergency Worker Exposure Control Management	NA
Objective 3: Alert and Notification Capability Targets	
3.1: Communications	M
3.2: Alert and Notification of the Public	NA
3.3: Emergency Information and Instructions Public and News Media	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets	
4.1: Field Monitoring Teams Management	NA
4.2: Plume Phase Measurements and Sampling	NA
4.3: Post-Plume Phase Measurements and Sampling	NA
4.4: Laboratory Operations	NA
4.5: Plume Phase Analysis and Dose Assessment	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA
Objective 5: Operate Capability Targets	
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA
5.4: Traffic and Access Control	NA

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

SITE: Prairie Island Nuclear Generating Plant DATE: August 2, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Dakota County PIO at Minnesota JIC	Dakota County TACP Rad Briefing and Interview
Objective 1: Emergency Operations Management Capability Targets				
1.1: Mobilization	M	M	M	NA
1.2: Direction and Control	NA	M	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets				
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	NA	M
Objective 3: Alert and Notification Capability Targets				
3.1: Communications	M	M	M	M
3.2: Alert and Notification of the Public	M	M	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	M	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets				
4.1: Field Monitoring Teams Management	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA
Objective 5: Operate Capability Targets				
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	M

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

SITE: Prairie Island Nuclear Generating Plant DATE: August 3, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	DCO Briefing – Hastings Fire Department	EWD Mon/Decon - Direction, & Control and Communications - Hastings Fire Department	Emergency Vehicles Mon/Decon - Hastings Fire Department	Emergency Workers Mon/Decon - Hastings Fire Department
Objective 1: Emergency Operations Management Capability Targets				
1.1: Mobilization	NA	NA	NA	NA
1.2: Direction and Control	NA	M	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets				
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	M	NA	NA	NA
Objective 3: Alert and Notification Capability Targets				
3.1: Communications	NA	M	NA	NA
3.2: Alert and Notification of the Public	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets				
4.1: Field Monitoring Teams Management	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA
Objective 5: Operate Capability Targets				
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	M	M
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	NA

Table 3.1.8 Summary of Exercise Evaluation - State of Wisconsin In-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: August 2, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Emergency Operations Center	State LNO at County EOC	State Radiological Coordinator	State Joint Information Center – Eau Claire	RAFT #1	RAFT #2	FOC/MRL
Objective 1: Emergency Operations Management Capability Targets							
1.1: Mobilization	NS	NA	NA	NA	M	M	M
1.2: Direction and Control	NS	NS	NA	NA	NA	NA	NA
1.3: Protective Action Recommendations	NS	NA	M	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets							
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	M	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	NA	NA	NA	M	M	NA
Objective 3: Alert and Notification Capability Targets							
3.1: Communications	NA	NS	M	NS	M	M	M
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NS	NA	NA	NS	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets							
4.1: Field Monitoring Teams Management	NA	NA	M	NA	NA	NA	M
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	M	M	M
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NS	NS	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA	NA	NS
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	M	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NS	NS	NS
Objective 5: Operate Capability Targets							
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	NA	NA	NA	NA

Table 3.1.9 Summary of Exercise Evaluation - State of Wisconsin Out-of-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: July 12, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	MS-1 Facility – Sacred Heart Hospital
Objective 1: Emergency Operations Management Capability Targets	
1.1: Mobilization	NA
1.2: Direction and Control	NA
1.3: Protective Action Recommendations	NA
1.4: Protective Action Decisions Plume Phase	NA
1.5: Protective Action Decision Implementation Plume Phase	NA
1.6: Protective Action Decisions Post-Plume Phase	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA
Objective 2: Exposure Control Capability Targets	
2.1: Emergency Worker Exposure Control Decision-Making Process	NA
2.2: Emergency Worker Exposure Control Management	M
Objective 3: Alert and Notification Capability Targets	
3.1: Communications	NA
3.2: Alert and Notification of the Public	NA
3.3: Emergency Information and Instructions Public and News Media	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets	
4.1: Field Monitoring Teams Management	NA
4.2: Plume Phase Measurements and Sampling	NA
4.3: Post-Plume Phase Measurements and Sampling	NA
4.4: Laboratory Operations	NA
4.5: Plume Phase Analysis and Dose Assessment	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA
Objective 5: Operate Capability Targets	
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	M
5.4: Traffic and Access Control	NA

Table 3.1.10 Summary of Exercise Evaluation - State of Wisconsin Out-of-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: July 28, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Pierce County RC - Rad Brief / Dosimetry Dist.	Pierce County RC - Evacuee M/D	Pierce County RC - Evacuee Vehicle M/D	Pierce County RC - Emergency Worker M/D	Pierce County RC - Emergency Worker Vehicle/Equipment M/D
Objective 1: Emergency Operations Management Capability Targets					
1.1: Mobilization	NA	NA	NA	NA	NA
1.2: Direction and Control	NA	NA	NA	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets			N		
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	M	M	M	NA	NA
Objective 3: Alert and Notification Capability Targets					
3.1: Communications	NA	NA	NA	NA	NA
3.2: Alert and Notification of the Public	NA	NA	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	NA	NA	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets					
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets					
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	M	M	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	M	M
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	NA	NA	NA	NA

Table 3.1.11 Summary of Exercise Evaluation - Pierce County In-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: August 2, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	Initial Warning Point	Emergency Operations Center	Public Information Officer at W1 JIC (Eau Claire)	TACP - Rad Briefing / Dosimetry Distribution	TACP - EW Rad Interview
Objective 1: Emergency Operations Management Capability Targets					
1.1: Mobilization	M	M	NA	NA	NA
1.2: Direction and Control	NA	M	NA	NA	NA
1.3: Protective Action Recommendations	NA	NA	NA	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	M	NA	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	M	NA	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA	NA	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA	NA	NA	NA
Objective 2: Exposure Control Capability Targets					
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	M	NA	NA	NA
2.2: Emergency Worker Exposure Control Management	NA	M	NA	M	M
Objective 3: Alert and Notification Capability Targets					
3.1: Communications	M	M	M	NA	M
3.2: Alert and Notification of the Public	M	M	NA	NA	NA
3.3: Emergency Information and Instructions Public and News Media	NA	M	M	NA	NA
Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets					
4.1: Field Monitoring Teams Management	NA	NA	NA	NA	NA
4.2: Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA
4.3: Post-Plume Phase Measurements and Sampling	NA	NA	NA	NA	NA
4.4: Laboratory Operations	NA	NA	NA	NA	NA
4.5: Plume Phase Analysis and Dose Assessment	NA	NA	NA	NA	NA
4.6: Post-Plume Phase Sampling Plan Development and Analysis	NA	NA	NA	NA	NA
Objective 5: Operate Capability Targets					
5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees	NA	NA	NA	NA	NA
5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles	NA	NA	NA	NA	NA
5.3: Transportation and Treatment of Contaminated, Injured Individuals	NA	NA	NA	NA	NA
5.4: Traffic and Access Control	NA	M	NA	M	M

Table 3.1.12 Summary of Exercise Evaluation - Pierce County Out-of-Sequence Activity

SITE: Prairie Island Nuclear Generating Plant DATE: July 28, 2022 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected	MS-1 - Transportation - Elmwood Ambulance Services	Reception Center - Elmwood Schools - Registration
Objective 1: Emergency Operations Management Capability Targets		
1.1: Mobilization	NA	NA
1.2: Direction and Control	NA	M
1.3: Protective Action Recommendations	NA	NA
1.4: Protective Action Decisions Plume Phase	NA	NA
1.5: Protective Action Decision Implementation Plume Phase	NA	NA
1.6: Protective Action Decisions Post-Plume Phase	NA	NA
1.7: Protective Action Decision Implementation for the Post-Plume Phase	NA	NA
Objective 2: Exposure Control Capability Targets		
2.1: Emergency Worker Exposure Control Decision-Making Process	NA	NA
2.2: Emergency Worker Exposure Control Management	M	NA
Objective 3: Alert and Notification Capability Targets		
3.1: Communications	NA	M
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	NA
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 capabilities during an exercise. A core capability is a means to perform one or more capability targets under specified conditions and to specific performance standards. Core capabilities form the foundation of the DHS/FEMA Region 5 Radiological Emergency Preparedness Program assessments. Standalone capability summaries for each jurisdiction are provided below.

3.2.1 State of Minnesota In-Sequence

3.2.1.1 Initial Warning Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 3.1 Communication

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

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

3.2.1.2 Emergency Operations Center

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 1.3 Protective Action Recommendations

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

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

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

Capability Target: 1.4 Proactive Action Decisions for the Public

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

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

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

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

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

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

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

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

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

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

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

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

Core Capabilities: Public Information and Warning; Planning

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

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

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.1.3 Planning and Assessment Center

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 1.3 Protective Action Recommendations

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

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

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

Capability Target: 1.4 Proactive Action Decisions for the Public

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

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

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

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

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

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

Capability Target: 4.1 Field Monitoring Teams Management

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

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

Capability Target: 4.5 Plume Phase Analysis and Dose Assessment

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

3.2.1.4 Public Inquiry Hotline

Capability Target: 3.1 Communication

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

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

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

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

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.1.5 Media Briefings at Minnesota Joint Information Center

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

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.1.6 State PIO at Minnesota Joint Information Center

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 3.1 Communication

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

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

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

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

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.1.7 Regional Program Coordinator Dakota County

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.1.8 Regional Program Coordinator Goodhue County

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.1.9 MSP TACP Goodhue County Briefing and Interview

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.1.10 State Command Van

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 4.1 Field Monitoring Teams Management

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

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

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

3.2.1.11 State RAD Field Team #1

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

3.2.1.12 State RAD Field Team #2

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

3.2.2 State of Minnesota Out-of-Sequence

3.2.2.1 Regions Hospital

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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

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

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

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

3.2.2.2 Cottage Grove Ambulance

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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

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

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

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

3.2.2.3 Wabasha St. Elizabeth Hospital

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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

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

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

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

3.2.2.4 Wabasha Emergency Services

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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Capability Target: 5.3 Transportation and Treatment of Contaminated, Injured Individuals
Core Capabilities: Environmental Response/Health and Safety; Public Health, Healthcare,
Emergency Medical Services; Planning

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

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

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3.2.3 Goodhue County In-Sequence

3.2.3.1 Initial Warning Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 3.1 Communication

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

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

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

3.2.3.2 Emergency Operations Center

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 1.4 Proactive Action Decisions for the Public

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3.2.3.3 Goodhue County PIO at the State of Minnesota JIC

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

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

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

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

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

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

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.

3.2.3.4 Goodhue County TACP Briefing and Interview

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.4 Goodhue County Out-of-Sequence

3.2.4.1 EV-2 Red Wing School District Offices

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

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

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

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

Capability Target: 3.1 Communication

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

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

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

3.2.5 Dakota County In-Sequence

3.2.5.1 Initial Warning Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.5.2 Emergency Operations Center

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 1.4 Proactive Action Decisions for the Public

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

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

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

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

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

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

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

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

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

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

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

Core Capabilities: Public Information and Warning; Planning

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

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

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.5.3 Dakota County PIO at the State of Minnesota JIC

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 3.1 Communication

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

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

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

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.

3.2.5.4 Dakota County TACP Briefing and Interview

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

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

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

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

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

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

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

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

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

3.2.6 Dakota County Out-of-Sequence

3.2.6.1 DCO Briefing Hastings Fire Department

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

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

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

3.2.6.2 EWD Mon/Decon Direction, Control, and Communications Hastings Fire Department

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 3.1 Communication

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

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

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

3.2.6.3 Emergency Vehicles Mon/Decon Hastings Fire Department

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

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

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

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

3.2.6.4 Emergency Workers Mon/Decon Hastings Fire Department

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

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

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

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

3.2.7 State of Wisconsin In-Sequence

3.2.7.1 State Radiological Coordinator

Capability Target: 1.3 Protective Action Recommendations

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

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

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

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

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 4.1 Field Monitoring Teams Management

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

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

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

Capability Target: 4.5 Plume Phase Analysis and Dose Assessment

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

3.2.7.2 RAFT #1

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

3.2.7.3 RAFT #2

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

3.2.7.4 FOC/MRL

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 4.1 Field Monitoring Teams Management

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

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

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

Capability Target: 4.2 Plume Phase Measurements and Sampling

Core Capabilities: Environmental Response/Health and Safety; Planning

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

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

3.2.8 State of Wisconsin Out-of-Sequence

3.2.8.1 MS-1 Facility Sacred Heart Hospital

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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

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

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

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

3.2.8.2 Pierce County Reception Center – Radiological Briefing / Dosimetry Distribution

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

3.2.8.3 Pierce County RC - Evacuee M/D

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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

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

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

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

3.2.8.4 Pierce County RC - Evacuee Vehicle M/D

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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

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

Finding 50-22-5.1-L2-01

Description

Under the direction of State of Wisconsin Controllers, Elmwood Fire Department personnel demonstrated the capability to monitor and decontaminate vehicles at the Elmwood Schools Reception Center. Five vehicles were used for the demonstration. It was intended that the vehicles would be monitored, any contamination would be identified, the contaminated vehicles would be treated as “dirty”, and the dirty vehicles would be decontaminated. Radiological sources were placed on two of the five vehicles (second and fifth) to simulate contamination. The second vehicle, designated as an evacuee vehicle, had three sources attached, and the fifth vehicle, designated as an emergency worker vehicle, had one source attached.

Of the three sources planted on the second (evacuee) vehicle, only one source was initially identified by the monitoring team. Once found, the monitoring team believed they had found the only source of contamination on the vehicle and discontinued monitoring the rest of the vehicle, even though the monitoring procedure directed workers to complete monitoring of the entire vehicle. The identified source

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was removed, and this area on the vehicle was decontaminated in accordance with procedures. The vehicle was then moved outside to a parking lot holding area.

Condition

Of the three sources planted on an evacuee vehicle, only one was initially identified. Once it was detected, the monitoring team believed they had found the only source of contamination on the vehicle and discontinued monitoring the rest of the vehicle, even though the monitoring procedure directed workers to complete the monitoring of the entire vehicle.

Possible Cause

For training purposes in the past, only one source had been planted on a vehicle for detection. Once the monitoring team found the one source, they felt they had accomplished their goal for that part of the demonstration.

Reference

Wisconsin Department of Health Services Radiological Incident Response Plan (RIRP), Version 4.0, Volume 4, "Reception Center Operations", dated March 2022.

Effect

If the vehicle actually had multiple areas of contamination, some contaminated areas would have remained, and the contamination could have spread to individuals and other "clean" vehicles parked in the holding area.

Corrective Action Demonstrated

Recognizing that the monitoring team had not completed monitoring of the vehicle in accordance with their procedure and had not identified all of the sources on the vehicle, the Controller conferred with the Evaluator to request immediate remedial training and redemonstration of the capability. A second Wisconsin Health Department Controller, who acted as the Health Team Leader, conducted the remedial training of the firefighters.

Upon completion of the training, play was resumed, and the firefighters continued monitoring of the vehicle. They discovered the second and third sources and then successfully decontaminated the affected areas in accordance with their procedure and the extent-of-play agreement. The vehicle was then moved outside to the parking lot outside holding area.

The last of the five vehicles monitored was also correctly identified as contaminated, and survey of the vehicle was successfully completed in accordance with the monitoring team's procedure and the extent-of-play agreement, as was the case with the three vehicles that had no sources.

The monitoring team concluded the demonstration by identifying and discussing lessons learned, challenges associated with monitoring the vehicle, and the vehicle decontamination process.

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

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

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3.2.8.5 Pierce County RC -Emergency Worker M/D

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

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

In summary, the status of DHS/FEMA evaluated Capability Target and Core Capabilities is as follows:
MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

3.2.8.6 Pierce County RC -Emergency Worker Vehicle/Equipment M/D

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

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

In summary, the status of DHS/FEMA evaluated Capability Target and Core Capabilities is as follows:
MET: The Capability Target and Core Capabilities identified in the DHS/FEMA approved extent-of-play agreement.

3.2.9 Pierce County In-Sequence

3.2.9.1 Initial Warning Point

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 3.2 Alert and Notification to the Public

Core Capabilities: Public Information and Warning; Planning

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

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

3.2.9.2 Emergency Operations Center

Capability Target: 1.1 Mobilization

Core Capabilities: Operational Coordination; Planning

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

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

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 1.4 Proactive Action Decisions for the Public

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

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

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

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

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

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

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

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

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

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

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

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 3.1 Communication

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

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

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

Capability Target: 3.2 Alert and Notification of the Public

Core Capabilities: Public Information and Warning; Planning

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

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

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

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

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

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

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

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

3.2.9.3 Public Information Officer WI JIC (Eau Claire, WI)

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

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

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

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

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

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

3.2.9.4 TACP Radiological Briefing / Dosimetry Distribution

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

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

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

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.9.5 TACP EW Radiological Interview

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

Capability Target: 5.4 Traffic and Access Control

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

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

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

3.2.10 Pierce County Out-of-Sequence

3.2.10.1 MS-1 Transportation Elmwood Ambulance Services

Capability Target: 2.2 Emergency Worker Exposure Control Management

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

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

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

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

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

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

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

3.2.10.2 Reception Center – Elmwood Schools - Registration

Capability Target: 1.2 Direction and Control

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

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

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

Capability Target: 3.1 Communication

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

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

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

Section 4: Conclusion

The DHS/FEMA assesses offsite response organization preparedness on an ongoing basis in accordance with 44 C.F.R. § 350 planning standards, the DHS/FEMA REP Program Manual guidance, the National Preparedness Goal, and associated core capabilities and capability targets. This report is used to document demonstration-based assessment activities pursuant to the core capabilities and capability targets selected for the PINGP 2022 REP Exercise.

The DHS/FEMA evaluation team identified no Findings or Plan Issues for the State of Minnesota and the Counties of Goodhue, Dakota, and Pierce. One Level 2 Finding 2 (50-22-5.1-L2-01) and no Plan Issues were identified for the State of Wisconsin. The Level 2 Finding concerned monitoring of an evacuee vehicle. The Capability Target was self-identified by the Controller successfully redemonstrated, and the Finding was resolved during the exercise.

Based on the results of this exercise, the planning and preparedness for the States of Minnesota and Wisconsin and affected local jurisdictions provide reasonable assurance that appropriate measures can be taken to protect public health and safety. Therefore, Title 44 CFR Part 350, approval of the offsite radiological emergency response plans and preparedness for the States of Minnesota and Wisconsin remains in effect.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals and organizations who participated and made this exercise a success.

Section 5: Improvement Plan

This appendix summarizes the results from the of the evaluation of all jurisdictions and functional entities that participated in the August 2, 2022, Prairie Island Nuclear Generating Plant (PINGP) Full Participation, Plume Exposure Pathway, Radiological Emergency Preparedness Exercise to test the offsite emergency response capabilities of State and local governments in the 10-mile Emergency Planning Zone surrounding the PINGP.

The DHS/FEMA evaluation team identified one Level 2 Finding 2 (50-22-5.1-L2-01) for the State of Wisconsin. The Level 2 Finding (described in Section 3.2.8.4 of this report and summarized below) concerned monitoring of an evacuee vehicle. Capability Target 5.1 was successfully redemonstrated during the exercise. Remedial training and redemonstration successfully resolved Finding 50-22-5.1-L2-01 on July 28, 2022, prior to conclusion of the overall activity. Consequently, the issue identified was classified as a Level 2 Finding that was immediately corrected, and Capability Target 5.1 is shown as Met in Table 3.2.10.

5.1: Finding 50-22-5.1-L2-01

Description

Under the direction of State of Wisconsin Controllers, Elmwood Fire Department personnel demonstrated the capability to monitor and decontaminate vehicles at the Elmwood Schools Reception Center. Five vehicles were used for the demonstration. It was intended that the vehicles would be monitored, any contamination would be identified, the contaminated vehicles would be treated as “dirty”, and the dirty vehicles would be decontaminated. Radiological sources were placed on two of the five vehicles (second and fifth) to simulate contamination. The second vehicle, designated as an evacuee vehicle, had three sources attached, and the fifth vehicle, designated as an emergency worker vehicle, had one source attached.

Of the three sources planted on the second (evacuee) vehicle, only one source was initially identified by the monitoring team. Once found, the monitoring team believed they had found the only source of contamination on the vehicle and discontinued monitoring the rest of the vehicle, even though the monitoring procedure directed workers to complete monitoring of the entire vehicle. The identified source was removed, and this area on the vehicle was decontaminated in accordance with procedures. The vehicle was then moved outside to a parking lot holding area.

Condition

Of the three sources planted on an evacuee vehicle, only one was initially identified. Once it was detected, the monitoring team believed they had found the only source of contamination on the vehicle and discontinued monitoring the rest of the vehicle, even though the monitoring procedure directed workers to complete the monitoring of the entire vehicle.

Possible Cause

For training purposes in the past, only one source had been planted on a vehicle for detection. Once the monitoring team found the one source, they felt they had accomplished their goal for that part of the demonstration.

Reference

Wisconsin Department of Health Services Radiological Incident Response Plan (RIRP), Version 4.0, Volume 4, "Reception Center Operations", dated March 2022.

Effect

If the vehicle actually had multiple areas of contamination, some contaminated areas would have remained, and the contamination could have spread to individuals and other "clean" vehicles parked in the holding area.

Corrective Action Demonstrated

Recognizing that the monitoring team had not completed monitoring of the vehicle in accordance with their procedure and had not identified all of the sources on the vehicle, the Controller conferred with the Evaluator to request immediate remedial training and redemonstration of the capability. A second Wisconsin Health Department Controller, who acted as the Health Team Leader, conducted the remedial training of the firefighters.

Upon completion of the training, play was resumed, and the firefighters continued monitoring of the vehicle. They discovered the second and third sources and then successfully decontaminated the affected areas in accordance with their procedure and the extent-of-play agreement. The vehicle was then moved outside to the parking lot outside holding area.

The last of the five vehicles monitored was also correctly identified as contaminated, and survey of the vehicle was successfully completed in accordance with the monitoring team's procedure and the extent-of-play agreement, as was the case with the three vehicles that had no sources.

The monitoring team concluded the demonstration by identifying and discussing lessons learned, challenges associated with monitoring the vehicle, and the vehicle decontamination process.

Recommendation

As part of regular periodic training, at least one vehicle that has two or more sources (i.e., areas of contamination) in different locations of the vehicle should be used. This practice will positively train monitoring teams to complete their procedural requirements by reinforcing the concept that multiple areas of a vehicle may be contaminated, and the job is not done until the vehicle has been completely surveyed.

Appendix A: Exercise Timeline

Date and Site: August 02, 2022 - Prairie Island Nuclear Generating Plant

Emergency Classification Level Event or Action	Time Utility Declared	Time (CDT) that Notification was received, or action was taken							
		State of Minnesota	Planning & Assessment Center	Joint Information Center	Goodhue County	Dakota County	State of Wisconsin	State Radiological Coordinator	Pierce County
Unusual Event	-	-	-	-	-	-	NA	NA	NA
Alert	0828	0850	-	-	0840	0838	0849	0849	0841
Site Area Emergency	1041	1048	1048	1050	1048	1051	1049	1049	1047
General Emergency	1150	1159	1159	1159	1200	1200	1159	1159	1157
Release of Radioactive Materials Started	1150	1150	1150	1150	1150	1150	1150	1150	1150
Release of Radioactive Material Terminated	NA	NA	NA	NA	NA	NA	NA	NA	NA
Facility Declared Operational		0930	0930	0930	0910	0905	0933	0940	0915
Declaration of State/Local Emergency		1105	1105	1105	1109	1056	1050	NA	1049
Exercise Terminated		1321	1321	1321	1328	1330	1323	1430	1322
General Information Message: (Public advised of incident at Prairie Island Nuclear Generating Plant)		-	-	0920	-	-	NA	NA	0930
Early Precautionary Action Decision: (The State issued a Livestock Advisory: All Livestock are to be sheltered and placed on stored feed and water within the 50-mile EPZ.)		1110	1110	1110	1110	1110	1054	1106	110
Early Precautionary Action Decision: (Evacuate Schools and/or Special Populations.)		1110	1110	1110	1110	1110	NA	NA	NA
KI Administration Emergency Workers and Immobile Populations Decision/Implementation: PAC /Counties		1157	1157	1157	1205	1205	NA	1225	1108
Early Precautionary Action Decision: (The State issued an order to evacuate State parks and hunting areas.)		1110	1110	1110	1110	1110	1054	NA	1108
Early Precautionary Action Decision: (The State issued an Air, Rail and Water Restriction precautionary decision.)		1110	1110	1110	1110	1110	1157	NA	1108
Protective Action Recommendation from the Utility Evacuation of Sub-Areas: 2, 5N, and 5W		1157	1157	1157	1157	1157	1157	1157	1157

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Date and Site: August 02, 2022 - Prairie Island Nuclear Generating Plant (Continued)

Emergency Classification Level Event or Action	Time (CDT) that Notification was received, or action was taken							
	State of Minnesota	Planning & Assessment Center	Joint Information Center	Goodhue County	Dakota County	State of Wisconsin	State Radiological Coordinator	Pierce County
Protective Action Recommendation Concurrence State and Counties Evacuation of Sub-Areas: 2, 5N, and 5W	1215	1215	1215	1215	1215	1215	1215	1215
Protective Action Decision	1225	1225	1225	1225	1225	NA	NA	1225
KI Administration General Population	1225	1225	1225	1225	1225	NA	NA	1225
Siren Activation	1235	1235	1235	1235	1235	NA	NA	1235
EAS Message	1238	1238	1238	1238	1238	NA	NA	1238

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Appendix B: Participating Organizations

Federal Organizations

Federal Emergency Management Agency (FEMA)
U.S. Nuclear Regulatory Commission (NRC)
U.S. Department of Energy Federal Radiological Monitoring and Assessment Center (FRMAC)
U.S. Department of Agriculture (USDA)
U.S. Environmental Protection Agency (EPA)

State of Minnesota Organizations

Minnesota Homeland Security and Emergency Management (HSEM)
Minnesota Pollution Control Agency (MCPA)
Minnesota Emergency Medical Services Regulatory Board (EMSRB)
Minnesota Department of Natural Resources (DNR)
Minnesota Department of Agriculture (MDA)
Minnesota Board of Animal Health
Minnesota Department of Human Services (DHS)
Minnesota Department of Education (MDE)
Minnesota Metro Transit / North Star Rail
Minnesota Metro Transit / North Star Rail
Minnesota State Patrol (MSP)
Minnesota Department of Transportation (Minnesota DOT)
Minnesota Department of Military Affairs (Minnesota DMA)
Minnesota Bureau of Criminal Apprehension (BCA)
Minnesota Office of Pipeline Safety (Minnesota OPS)
Minnesota State Fire Marshal (SFA)
Minnesota State Fire Marshal (SFA)
Minnesota Department of Corrections (DOC)

State of Wisconsin Organizations

Wisconsin Emergency Management (WEM)
Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP)
Wisconsin Department of Health Services (DHS)
Wisconsin Department of Transportation (WisDOT)
Wisconsin Department of Transportation, Division of State Patrol (DSP)
Wisconsin Department of Military Affairs (DMA)
Wisconsin Department of Justice (DOJ)
Wisconsin Department of Natural Resources (DNR)

Dakota County Organizations

Dakota County Board of Commissioners
Dakota County Emergency Management Agency (EMA)
Dakota County Agriculture
Dakota Communications Center (DCC)
Dakota County GIS
Dakota County Community Services Administration
Dakota County Environmental
Dakota County Information Technology (IT)
Dakota County Public Health

Dakota County Sheriff's Office (SO)
Dakota County Transportation

Goodhue County Organizations

Goodhue County Board of Commissioners
Goodhue County Emergency Management Agency
Goodhue County Department of Health & Human Services (HHS)
Goodhue County Department of Transportation
Goodhue County GIS Unit
Goodhue County Law Enforcement
Goodhue County Public Works
Goodhue County Sheriff's Office
Goodhue County Sheriff's Office

City of Red Wing Mayor
City of Red Wing Fire Department
City of Red Wing Police Department

Pierce County Organizations

Pierce County Board of Commissioners
Pierce County Emergency Management Agency
Pierce County Department of Agriculture
Pierce County Department of Health
Pierce County Human Services
Pierce County Highway Department
Pierce County Sheriff's Department
Elmwood Ambulance Service
Elmwood Fire/Rescue Department
Elmwood Police Department
Elmwood School District

Private Sector Organizations

American Red Cross - Regional Office Twin Cities
American Red Cross - Altoona Chapter
Amateur Radio Emergency Services (ARES)
 Dakota County ARES
 Goodhue County ARES
 Pierce County ARES
Sacred Heart Hospital (Eau Claire, WI)
Cottage Grove Ambulance
Maple Grove Fire Department
Minnesota Voluntary Organizations Active in Disasters
Prairie Island Indian Community
Regions Hospital
Salvation Army
St. Elizabeth Hospital
University of Wisconsin Extension (UWEXT)
Wabasha Emergency Services
Xcel Energy (PINGP Operator)

Appendix C: Evaluation Team

Exercise Management	Name	Agency/ Organization
Chair, Regional Assistance Committee	Sean O’Leary	DHS/FEMA
Exercise Director	Edward Golinski	DHS/FEMA
Assistant Exercise Director	Stephen Tulley	DHS/FEMA
Minnesota Site Specialist	Edward Diaz	DHS/FEMA
Wisconsin Site Specialist	Todd Trygier	DHS/FEMA
Team Leader – State of Minnesota	Edward Diaz	DHS/FEMA
Team Leader – Goodhue County	Debra Schneck	DHS/FEMA
Team Leader – Dakota County	Angela Cloutier	DHS/FEMA
Team Leader – State of Wisconsin	James King	DHS/FEMA
Contractor Evaluator Support – Regional Coordinator	John Wills	ICFI
Contractor Scenario Technical Reviewer	John Wills	ICFI

Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
State of Minnesota		
Minnesota – SEOC – Initial Warning Point	Thomas Gahan	ICFI
Minnesota – SEOC	William McDougal	ICFI
Minnesota – SEOC	Marynette Herndon	ICFI
Minnesota – SEOC – JIC Room	PJ Nied	ICFI
Minnesota – SEOC – JIC Room	Meg Swearingen	ICFI
Minnesota – SEOC – Planning Assessment Center	John Wills	ICFI
Minnesota – SEOC – Planning Assessment Center	Thomas Essig	ICFI
Minnesota – MSP TACP	Rosemary Samsel	ICFI
Minnesota – State Command Van	Richard Smith	ICFI
Minnesota – Field Team #1	Cheryl Weaver	ICFI
Minnesota – Field Team #2	Terry Blackmon	ICFI
Minnesota – Regions Hospital	Gary Goldberg	ICFI
Minnesota – Cottage Grove Ambulance	Brenda Rembert	ICFI
Minnesota – St. Elizabeth Hospital	Mark Dalton	ICFI
Minnesota – Wabasha Emergency Services	Thomas Gahan	ICFI
Goodhue County		
Goodhue County – EOC – Initial Warning Point	Curtis Williams	DHS/FEMA
Goodhue County – EOC	Rosemary Samsel	ICFI
Goodhue County – EOC	Todd Lawson	DHS/FEMA
Goodhue County – EOC	Jeremy Jones	DHS/FEMA
Goodhue County – EOC	Darren Bates	DHS/FEMA
Goodhue County – TACP	Curtis Williams	DHS/FEMA
Goodhue County – EV-2	David Kayen	ICFI

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Dakota County		
Dakota County – EOC – Initial Warning Point	Herbert Massie	ICFI
Dakota County – EOC	Roger Winkelman	ICFI
Dakota County – EOC	Kevin Reed	ICFI
Dakota County – EOC	Stephen Watts	ICFI
Dakota County – TACP	David Kayen	ICFI
Dakota County – Hastings Fire EWD –DCO Briefing	Gary Goldberg	ICFI
Dakota County – Hastings Fire EWD –Mon/Decon	Herbert Massie	ICFI
Dakota County – Hastings Fire EWD –Mon/Decon Vehicles	Mark Dalton	ICFI
Dakota County – Hastings Fire EWD –Mon/Decon Workers	Brenda Rembert	ICFI
State of Wisconsin		
Wisconsin – EOC	James King	DHS/FEMA
Wisconsin – State Radiological Coordinator	Marcy Campbell	ICFI
Wisconsin – State Radiological Coordinator	Brad McRee	ICFI
Wisconsin – RAFT #1	Carol Shepard	ICFI
Wisconsin – RAFT #2	John Wiecejorek	ICFI
Wisconsin – FOC/MRL	Denny Willford	ICFI
Wisconsin – Sacred Heart Hospital	James King	DHS/FEMA
Pierce County		
Pierce County – PIO	Peter Judge	ICFI
Pierce County – EOC	Todd Gemske	DHS/FEMA
Pierce County – EOC	Todd Trygier	DHS/FEMA
Pierce County – EOC	Michael Meshenberg	ICFI
Pierce County – EOC	William Webb	ICFI
Pierce County – Reception Center	Carl Bebrich	DHS/FEMA
Pierce County – Reception Center	Debra Schneck	DHS/FEMA
Pierce County – Reception Center	James King	DHS/FEMA
Pierce County – Reception Center	Todd Trygier	DHS/FEMA

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Appendix D: Acronyms and Abbreviations

ACRONYM	DESCRIPTION
AAR/IP	After Action Report/Improvement Plan
BNSF	Burlington Northern Santa Fe
CDT	Central Daylight Time
CFR	Code of Federal Regulations
cpm	counts per minute
CST	Civil Support Teams
DAC	Dose Assessment Coordinator
DHS	Department of Homeland Security
DPS	Department of Public Safety
DRD	Direct-Reading Dosimeters
EAS	Emergency Alert System
ECL	Emergency Classification Level
ED	Emergency Department
EMA	Emergency Management Agency
EMD	Emergency Management Director
EMS	Emergency Medical Services
EOC	Emergency Operations Center
EPA PAGs	Environmental Protection Agency Protective Action Guides
EPZ	Emergency Planning Zone
ER	Emergency Room
ERDS	Emergency Response Data System
EW	Emergency Worker
FD	Fire Department
FEMA	Federal Emergency Management Agency
FMT	Field Monitoring Team
FRM	Field Response Manager
FOC	Forward Operations Center
FOC/MRL	Forward Operations Center/ Mobile Radiological Laboratory
GAR	Governor Authorized Representative
GE	General Emergency
HSEM	Homeland Security and Emergency Management
IC	Incident Commander
IPAWS	Integrated Public Alert and Warning System
IWP	Initial Warning Point
JIC	Joint Information Center
KI	potassium iodide
MDOT	Minnesota Department of Transportation
mg	Milligram(s)
MHz	Megahertz

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ACRONYM	DESCRIPTION
μR	micro-Roentgen
mR	milliRoentgen(s)
MS-1	Medical Services (Facility & Transportation Drills) – Reference to FEMA REP Guidance Memorandum GM MS-1, Medical Services, November 13, 1986.
NRC	Nuclear Regulatory Commission
OIC	Officer-in-Charge
ORO	Offsite Response Organization(s)
OSLD	Optically Stimulated Luminescence Dosimeter
PAC	Planning and Assessment Center
PAD	Protective Action Decision
PAR	Protective Action Recommendations
PHG	Public Health Group
PPE	Personal Protective Equipment
PRD	Permanent-Record Dosimeter
PINGP	Prairie Island Nuclear Generating Plant
PIO	Public Information Officer
PPE	Personal Protective Equipment
PRD	Permanent Record Dosimeter
R	Roentgen
RAC	Regional Assistance Committee
RAFT	Restricted Area Field Team
RASCAL	Radiological Assessment System for Consequence Analysis
REA	Radiation Emergency Area
REP	Radiological Emergency Preparedness
RERP	Radiological Emergency Response Plan
RO	Radiological Officer
RRC	RadResponder Coordinator
SAE	Site Area Emergency
SEOC	State Emergency Operations Center
SIM	State Incident Manager
SOG	Standard Operating Guideline/Suggested Operational Guidance
SRC	State Radiological Coordinator
SRC Group	State Radiological Coordination Group
TACP	Traffic Access Control Point
TED	Total Effective Dose
TEDE	Total Effective Dose Equivalent
TLD	Thermoluminescent Dosimeter
VoIP	Voice over Internet

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Appendix E: Onsite/Offsite Scenario Timeline

The August 2, 2022, ERO NRC Graded Exercise will be credited, as follows, for possible Emergency Preparedness Key Performance Indicator (EP KPI) opportunities.

The approximate times of the condition being met:

Time Condition Met	Classification	EAL	PAR	Notification	Approx Notification Time *
~0815	Alert	SA1.1			≤0845
~0945	SAE	FS1			≤1015
~1115	GE	FG1	Evacuate all – out to 2 miles Evacuate NPQRA from 2 to 5 miles 2,5N,5W,		≤1145
	3		1	4	
Totals					
Grand Total =	8				

* The notification time must be made 15 minutes from the time the EAL is declared.

Initial Conditions

Unit 1

- 12 MDAUX Feed water pump OOS for maintenance,
- Breaker 16-10 (Crosstie) OOS for repairs

Unit 2

- ☐ Unit 2 is operating at 100%
- ☐ No OOS equipment

Current Weather Conditions:

- Wind Speed 13 Mph
- Wind Direction(from) 145° (from the South-East)
- Temperature 75°F
- Stability Class D

Weather Forecast

Rain is predicted during the day. Current conditions at the site are overcast with several storm cells in the area (>10 miles from the site).

Timeline


All times are approximate

Mini-drills

- **Return 12 MDAUX Feed water to service**
- **Crosstie BUS 16-10 cubicle repairs**
- **D1 failure to start**
- **Train both buses crosstie 480 volt buses**
- **Put a Flex pump into service**

0700	Simulator in Run.
0700	Actual Control Room (CR) announces the ERO Exercise is beginning per Message 1
0715	Controllers in designated positions
0730	Simulated Control Room (SCR) Assumes duty.
	<p><u>Message 2: Prior Coordination:</u> Ensure the actual duty station manager does not respond to drill pages. Drill pages will begin and end with “This is a Drill”. Drill pages for the duty station manager will be answered by the sim booth.</p> <p><u>The Duty Chem Tech and Duty RP tech</u> will start the exercise as part of the simulator crew with their controllers. Once the ERO is activated, they (with their controllers) will transition to the OSC.</p>
0740	<p>The Simulator Crew will receive a controller inject simulating a message on the NOAA Radio. <i>“Update, The National Weather Service has issued a Severe Thunderstorm Warning for Goodhue County until _____.” (current time +2 hours.)</i></p> <p>Note: Watch vs Warning. <u>Watch:</u> Conditions are right for severe thunderstorms to occur in your area. <u>Warning: Severe thunderstorms are occurring.</u></p> <p><u>Anticipated simulator crew actions:</u></p> <p>The crew will enter into AB-2 The crew will make the following Plant announcement: <i>“ATTENTION, ALL SITE PERSONNEL. A SEVERE THUNDERSTORM (HIGH WIND) WARNING HAS BEEN ISSUED IN THE VICINITY OF THE PLANT. ALL SITE PERSONNEL SHOULD REMAIN INDOORS IF A STORM APPROACHES. SEC REPORT TO THE CONTROL ROOM”.</i></p> <p>SEC will respond to the simulator</p>

	Message 3: Pre-coordination: The simulator crew will call the training center front desk to inform them of the storm (the desk is not always staffed).
~0815	Alert EAL conditions met: Due to a Loss of Off-Site Power IC (T-0): _____
	<ul style="list-style-type: none"> • Loss of Offsite Power to Unit 1 and Unit 2. • Bus 16 Lockout due to Relay failure. • D1 fails to start and power Bus 15. • Bus 25 and 26 are powered from their respective DGs.
	<p>INFO For MINI DRILL: D1 is locked out. Walk down will report back Annunciator Turbine building Local alarm for failure to start– D1 looking fine</p> <p>Bus16 lockout- Relay failure; ground fault flag dropped (just one); nothing smells bad in here</p> <p>Bus 15 is not locked out, Bus 15 is available, will attempt to restore power to bus 15.</p> <p>Bus 25 is energized form D5 25-15 bus-tie</p> <p>Attachment J – (do for all reactor trips)</p> <p>Radio call - Throttle 11TDAUX feedwater pump</p> <p>Request to call duty RP (restoring letdown after the transient) place letdown back in service</p>
	<p>Anticipated Crew actions: Announce Unit 1 reactor trip</p> <p>The Simulator booth will UNIT 2 Trip announcement: “This is a drill, Attention all plant personnel U2 reactor Trip Shift Manager and SEC come to the Control Room, This is a drill”. Repeat the message.</p>
	Alert EAL SA1.1

<h1>ALERT</h1>															
SA1	Loss of all but one AC power source to emergency buses for 15 minutes or longer.														
Note:	The Emergency Director should declare the Alert promptly upon determining that 15 minutes has been exceeded, or will likely be exceeded.														
	SA1.1 <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td></td><td></td><td></td> </tr> </table>	1	2	3	4										
1	2	3	4												
	a. AC power capability to both Safeguards Buses 15 and 16 (25 and 26) is reduced to a single power source (Table S1) for 15 minutes or longer. AND b. Any additional single power source failure will result in a loss of all AC power to SAFETY SYSTEMS.														
	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr style="background-color: orange;"> <th colspan="2">Table S1</th> </tr> <tr> <th>Unit 1</th> <th>Unit 2</th> </tr> </thead> <tbody> <tr> <td>1R Transformer</td> <td>2RY Transformer</td> </tr> <tr> <td>CT11 Transformer</td> <td>CT12 Transformer</td> </tr> <tr> <td>D1 Diesel Generator</td> <td>D5 Diesel Generator</td> </tr> <tr> <td>D2 Diesel Generator</td> <td>D6 Diesel Generator</td> </tr> <tr> <td colspan="2">Aligned Available Cross-Ties</td> </tr> </tbody> </table>	Table S1		Unit 1	Unit 2	1R Transformer	2RY Transformer	CT11 Transformer	CT12 Transformer	D1 Diesel Generator	D5 Diesel Generator	D2 Diesel Generator	D6 Diesel Generator	Aligned Available Cross-Ties	
Table S1															
Unit 1	Unit 2														
1R Transformer	2RY Transformer														
CT11 Transformer	CT12 Transformer														
D1 Diesel Generator	D5 Diesel Generator														
D2 Diesel Generator	D6 Diesel Generator														
Aligned Available Cross-Ties															
	Time Declared: _____														
	Message 4: Restoration of offsite power. When questioned, controllers will provide message 4 stating the TSO estimates return of offsite power no early that 6 hours.														
~0820	Message 5: BPT issue a contingency message if the SM decides not to activate the ERO based on the caution statement in AB2. Activation of the ERO. Message 6: SEC Controller ensures SEC uses markup of PINGP 1385 to activate the ERO. ERO Activated: _____														
	Message 7: SM to ED turnover – phone call to simulator.														
~0830	Contingency for Alert classification. Message 8: If Alert is not declared, a SCR Controller will give Message 3 to the SM.														
~0845	Offsite notifications made by this time for Alert EAL. First Contact: _____ Notification completed: _____														

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	Message 9. Contingency for Alert notification. If Notifications are not timely and Accurate, the SEC Controller will give Message 4 to the SEC & SM.
~083 5	Message 10, Contingency for Activation of the ERO. If the ERO is not activated, a SCR Controller will give Message 5 to the SM.
	Ensure Facilities reflect as found conditions for LOOP
~084 0	ERFs Activated. TSC Activated: _____ OSC Activated: _____ EOF Activated: _____ Once TSC is activated the SEC Controller will give Message 11 to the SEC to do a turnover with the Offsite Communicator on status of notifications and PINGP 580.
	Message 12: Make sure we have someone unit 2 SRO doing NRC notifications
0850	Small RCS leak begins <ul style="list-style-type: none"> • PRZ pressure and level will slowly go down. • Containment Humidity will rise slowly.
	Message 13, Contingency Message to prevent Early Dismissal. If the TSC determines that an early dismissal should be performed prior to a plant or site evacuation, the TSC Controller will follow the guidance in Message 7.
~090 0	HP Mini-Drill (Field Monitoring Teams) Field Monitoring team Controller begins mini-drill. Section IV Part E: Environmental Performance Mini-Drill. This mini-drill is separate from the Exercise but is performed concurrently.
~090 0	Message 14: Ensure Letdown is placed back in service, if not issue Contingency message to place letdown back in service.
~091 5	Start of fuel element failure (ensure letdown is back in service); Malfunction will ramp in over 15 minutes.
	Message 15 – if the control room fails to request an RCS sample

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~094 5	<p>Message 16. RCS Sample Results</p> <p>IC (TO-): _____</p> <p>Message 16: Time 0 for EAL = when chemistry phone call indicates RCS activity is 317 microcuries/gram dose equivalent iodine 131. (greater than 300μCi/gm dose equivalent iodine 131).</p>																																																
	<table border="1"> <thead> <tr> <th colspan="4">Fuel Clad Barrier</th> <th colspan="4">RCS Barrier</th> </tr> </thead> <tbody> <tr> <td colspan="4"> <input checked="" type="checkbox"/> LOSS <input type="checkbox"/> POTENTIAL LOSS </td> <td colspan="4"> <input checked="" type="checkbox"/> LOSS <input type="checkbox"/> POTENTIAL LOSS </td> </tr> <tr> <td colspan="4"> 1. RCS or SG Tube Leakage <input type="checkbox"/> A. Core Cooling CSF - ORANGE entry conditions met. </td> <td colspan="4"> 1. RCS or SG Tube Leakage <input type="checkbox"/> A. An automatic or manual ECCS (SI) actuation is required by EITHER of the following: 1. UNISOLABLE RCS leakage OR 2. SG tube RUPTURE. </td> </tr> <tr> <td colspan="4"> 2. Inadequate Heat Removal <input type="checkbox"/> A. Core Cooling CSF - RED entry conditions met. </td> <td colspan="4"> 2. Inadequate Heat Removal <input type="checkbox"/> A. Core Cooling CSF - ORANGE entry conditions met. OR Note: Heat Sink CSF should not be considered RED if total AFW flow is less than 200 gpm due to operator action <input type="checkbox"/> B. Heat Sink CSF - RED entry conditions met. </td> </tr> <tr> <td colspan="4"> 3. RCS Activity/Containment Radiation <input type="checkbox"/> A. Containment radiation monitor reading greater than 5,500 R/hr on I(2)R-48 or 49. OR <input checked="" type="checkbox"/> B. Coolant activity greater than 300 μCi/gm dose equivalent Iodine-131. </td> <td colspan="4"> 3. RCS Activity/Containment Radiation <input checked="" type="checkbox"/> A. Containment radiation monitor reading greater than 40 R/hr on I(2)R-48 or 49. </td> </tr> <tr> <td colspan="4"> 4. Containment Integrity or Bypass </td> <td colspan="4"> 4. Containment Integrity or Bypass </td> </tr> </tbody> </table>	Fuel Clad Barrier				RCS Barrier				<input checked="" type="checkbox"/> LOSS <input type="checkbox"/> POTENTIAL LOSS				<input checked="" type="checkbox"/> LOSS <input type="checkbox"/> POTENTIAL LOSS				1. RCS or SG Tube Leakage <input type="checkbox"/> A. Core Cooling CSF - ORANGE entry conditions met.				1. RCS or SG Tube Leakage <input type="checkbox"/> A. An automatic or manual ECCS (SI) actuation is required by EITHER of the following: 1. UNISOLABLE RCS leakage OR 2. SG tube RUPTURE.				2. Inadequate Heat Removal <input type="checkbox"/> A. Core Cooling CSF - RED entry conditions met.				2. Inadequate Heat Removal <input type="checkbox"/> A. Core Cooling CSF - ORANGE entry conditions met. OR Note: Heat Sink CSF should not be considered RED if total AFW flow is less than 200 gpm due to operator action <input type="checkbox"/> B. Heat Sink CSF - RED entry conditions met.				3. RCS Activity/Containment Radiation <input type="checkbox"/> A. Containment radiation monitor reading greater than 5,500 R/hr on I(2)R-48 or 49. OR <input checked="" type="checkbox"/> B. Coolant activity greater than 300 μ Ci/gm dose equivalent Iodine-131.				3. RCS Activity/Containment Radiation <input checked="" type="checkbox"/> A. Containment radiation monitor reading greater than 40 R/hr on I(2)R-48 or 49.				4. Containment Integrity or Bypass				4. Containment Integrity or Bypass			
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1000	<p>Message 17. Contingency Message for Nuclear Engineer. When sample results indicate that fuel failure has occurred, the simulator crew should notify the Nuclear Engineer to implement FP-E-SE-08 Fuel Integrity Program. This is needed to satisfy objective 9.05 Core Damage Assessment. If this does not happen, the Nuclear Engineer Controller will provide data to the Nuclear Engineer(s) to do core damage assessment.</p>																																																
1000	<p>Message 18, Plant Evacuation and Accountability.</p> <p>When the ED Directs a Plant Evacuation, the TSC Leader Controller will deliver Message 18 to the OPS Controller in the real Control Room, to Sound Plant Evacuation Alarm.</p> <p>Evacuate to the Distribution Center.</p> <p>May use Distribution Center if wind is from: 123° to 360° or 0° to 34°</p>																																																
1000	<p>First Contact: _____</p> <p>Notification completed: _____</p>																																																
1001	<p>Message 19, Contingency for SAE classification.</p> <p>If SAE is not declared, the TSC Controller will give Message 9 to the ED.</p>																																																

~101 6	Message 20, Contingency for SAE notification. If Notifications are not timely and/or Accurate, the Lead EOF Controller will give Message 10 to the EM & Offsite Communicator.
~103 0	Message 21, Contingency for Plant Evacuation. 30 minutes after the SAE declaration, if no attempt is made to direct a plant evacuation and accountability, the TSC Lead Controller will give Message 11 to the ED. Classification time _____ + 30 minutes = _____
	Message 22, Accountability Exemptions Inject. Upon delivery of the accountability report from Security, The TSC Controller will inject the Exercise Accountability list, per Message 12 The OSC Controller will inject the Exercise Accountability list, per Message 12
~103 0	Plant Evacuation and Accountability complete. Accountability completed at : _____
~103 0	Small RCS Leak Worsens. When SI is actuated, Large Break LOCA occurs. <ul style="list-style-type: none"> • Annunciators: Multiple unexpected • RCS pressure goes down • PRZR level goes down rapidly • Containment pressure rises • Upon Safety injection, Bus 15 will lose power • RWST level lowers
	Will not get BUS 16 back (affects containment pressure); TSO message offsite power will not be restored.
	There is the potential for the ED to classify a general emergency at this point in the scenario based on his judgement that the loss of power to BUS 15 which occurs upon Safety Injection, will prevent full containment isolation from occurring until Bus 15 is restored. The ED may decide not to wait to determine if power can be restored and containment isolated with 15 minutes and may consider this a loss of the containment barrier. In this case, T0 would be the time of the SI. <i>If the ED does classify earlier in the timeline, coordination between the Lead controller and the ORO lead controller will determine if we will allow notification to proceed or delay notification until the agreed upon timeline.</i> Message 23: Have messages prepared for the offsites if we classify early.
~104 5	Message 24, Return to work Once evacuation/accountability objective is complete, the TSC Controller & AP Controller will issue Message 13, to release individuals from the AP to return to work (Simulated).

~110 0	Message 25, Contingency for release of non-essential personnel. At this point due to COVID reduced staffing there should not be any non-essential person participating in the Exercise. At this point the AP controller will validate, and issue Message 14 as necessary.								
~111 5	<p>Loss of Containment: Containment Leakage into Annulus</p> <ul style="list-style-type: none"> • Steam leakage into Annulus • Annulus Fire alarm received • 1R-22 Begins rising rapidly • R-50 begins rising rapidly • Containment pressure step change to a lower value <p>IC (TO-): _____</p> <p>Time 0 for EAL = When step change in containment pressure occurs and rad monitors (R22 & R50) indicate leakage outside of containment.</p> <p>GE ECL conditions met: FG1 - Loss of any two barriers and Loss or Potential Loss of the third barrier.</p> <table border="1" data-bbox="297 888 1063 1787"> <tr> <td data-bbox="297 888 682 1115"> 1. RCS or SG Tube Leakage <input type="checkbox"/> A. A leaking or RUPTURED SG or FAULTED outside of containment. </td><td data-bbox="682 888 1063 1115"></td></tr> <tr> <td data-bbox="297 1115 682 1318"></td><td data-bbox="682 1115 1063 1318"> 2. Inadequate Heat Removal <input type="checkbox"/> A. Core Cooling CSF - RED entry conditions met for 15 minutes or longer. </td></tr> <tr> <td data-bbox="297 1318 682 1478"></td><td data-bbox="682 1318 1063 1478"> 3. RCS Activity/Containment Radiation <input type="checkbox"/> * A. Containment radiation monitor reading greater than 20,000 R/hr on 1(2)R-48 or 49. </td></tr> <tr> <td data-bbox="297 1478 682 1787"> 4. Containment Integrity or Egress <input type="checkbox"/> A. Containment isolation is required. AND EITHER of the following: <input type="checkbox"/> 1. Containment integrity has been lost based on Emergency Director judgment. OR <input type="checkbox"/> 2. UNISOLABLE pathway from the containment to the environment exists. OR <input type="checkbox"/> B. Indications of RCS leakage outside of containment. </td><td data-bbox="682 1478 1063 1787"> <input type="checkbox"/> A. Containment CSF - RED entry conditions met. OR <input type="checkbox"/> B. Containment H₂ concentration greater than or equal to 6% OR <input type="checkbox"/> C. 1. Containment pressure greater than 23 psig. AND <input type="checkbox"/> 2. Less than one full train of containment spray and any two containment fan coils is operating per design for 15 minutes or longer. </td></tr> </table>	1. RCS or SG Tube Leakage <input type="checkbox"/> A. A leaking or RUPTURED SG or FAULTED outside of containment.			2. Inadequate Heat Removal <input type="checkbox"/> A. Core Cooling CSF - RED entry conditions met for 15 minutes or longer.		3. RCS Activity/Containment Radiation <input type="checkbox"/> * A. Containment radiation monitor reading greater than 20,000 R/hr on 1(2)R-48 or 49.	4. Containment Integrity or Egress <input type="checkbox"/> A. Containment isolation is required. AND EITHER of the following: <input type="checkbox"/> 1. Containment integrity has been lost based on Emergency Director judgment. OR <input type="checkbox"/> 2. UNISOLABLE pathway from the containment to the environment exists. OR <input type="checkbox"/> B. Indications of RCS leakage outside of containment.	<input type="checkbox"/> A. Containment CSF - RED entry conditions met. OR <input type="checkbox"/> B. Containment H ₂ concentration greater than or equal to 6% OR <input type="checkbox"/> C. 1. Containment pressure greater than 23 psig. AND <input type="checkbox"/> 2. Less than one full train of containment spray and any two containment fan coils is operating per design for 15 minutes or longer.
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	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">4. Containment Integrity or Bypass</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><input type="checkbox"/> A. Containment isolation is required. AND EITHER of the following:</p> <p><input checked="" type="checkbox"/> 1. Containment integrity has been lost based on Emergency Director judgment.</p> <p>OR</p> <p><input checked="" type="checkbox"/> 2. UNISOLABLE pathway from the containment to the environment exists.</p> <p>OR</p> <p><input checked="" type="checkbox"/> B. Indications of RCS leakage outside of containment.</p> </div> <div style="width: 48%;"> <p><input type="checkbox"/> A. Containment CSF - RED entry conditions met.</p> <p>OR</p> <p><input type="checkbox"/> B. Containment H₂ concentration greater than or equal to 6%.</p> <p>OR</p> <p><input type="checkbox"/> C. <input checked="" type="checkbox"/> 1. Containment pressure greater than 23 psig. AND <input checked="" type="checkbox"/> 2. Less than one full train of containment spray and any two containment fan coils is operating per design for 15 minutes or longer.</p> </div> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p style="text-align: center;">5. Emergency Director Judgment</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><input type="checkbox"/> A. ANY condition in the opinion of the Emergency Director that indicates Loss of the Containment Barrier.</p> </div> <div style="width: 48%;"> <p><input type="checkbox"/> A. ANY condition in the opinion of the Emergency Director that indicates Potential Loss of the Containment Barrier.</p> </div> </div> </div>
~113 1	<p>Message 26, Contingency for General Emergency classification If a GE is not declared, the TSC Controller will give Message 15 to the ED.</p>
~114 5	<p>Offsite notifications made by this time for GE ECL.</p> <p>First Contact: _____</p> <p>Notification completed: _____</p>
~114 6	<p>Message 27, Contingency for GE Notification. If Notifications are not timely and/or Accurate, the Lead EOF Controller will give Message 16 to the EM & Offsite Communicator.</p>
~121 5	<p>Message 28, Termination Criteria Review Checklist Lead Controller uses checklist to verify with Facility Controllers that all objectives are met</p>
~123 0	<p>Termination of Exercise-Lead Offsite Controller and Plant Lead Controller determine. Actual Control Room (CR) announces the ERO Exercise is terminated per Message 29 –Exercise Termination - SCR</p>

	<p>Message 30 - Exercise Termination - Facility Controllers</p> <p>Message 31- Exercise Termination - Plant Announcement. Actual Control Room (CR) announces the ERO Exercise is terminated.</p> <p>Rad Monitors – effluent (we drive them); Area monitors – are programmed in the simulator</p>
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Exercise Scenario

Offsite Timeline

Appendix A: INITIAL CONDITIONS

Plant Status

- Unit 1 12 MDAUX Feed water pump OOS for maintenance,
- Unit 1 breaker 16-10 (Crosstie) OOS for repairs
- Unit 2 has been at continuous operation at 100%. No OOS equipment

MET Conditions

- A minor storm front will pass over PINGP during the morning hours. With light rain continuing throughout the day.

Appendix B: DRILL TIMELINE

NOTE: All times are approximate and not an exact representation of event times.

0800	SCENARIO NOTE	A small storm front passes over PINGP with severe lightning resulting in some onsite damage to 1 transformer.	
0800	SCENARIO NOTE	Storm clears up and light rain continues for the remainder of the drill.	
0815	CONTROLLER NOTE	PINGP should declare an Alert based on EAL SA1.1	
0845	CONTROLLER NOTE	Offsite Notifications for ALERT should be complete	
	Time of Notification		
0845	Actions at Alert	<p>Note:</p> <ol style="list-style-type: none"> The BCA Duty Officer is participating in this exercise. Exercise participants, observers and controllers will join the Zoom meeting at approximately 0900. The lead SEOC Controller 	

		<p>will give a briefing to describe what has happened and players will be released to their breakout rooms to begin exercise play.</p> <p>2. EOC activation (State of Minnesota, Goodhue and Dakota Counties) occurs.</p> <ul style="list-style-type: none"> • Communication links established through Zoom and maintained throughout the exercise • Assembled EOC personnel briefed, with additional briefings held periodically throughout the exercise <p>3. Radiological Accident Deployment (RAD) teams are being exercised out of sequence</p> <p>(CONTROLLER MESSAGE 1 – Field Teams)</p> <p>4. Department of Natural Resources and Department of Agriculture Department Operations Centers (DOCs) are activated (simulated).</p> <p>5. Local and state first responders are put on standby.</p> <p>6. Joint Information Center (JIC) is activated.</p> <ul style="list-style-type: none"> • Partial virtual JIC will be established • Public Information Officers (PIOs) notified • Initial JIC Management Team meeting • Initial news briefing conducted by HSEM Director • Preparation and issue of Public Information Bulletins and news releases will continue until the termination of the exercise. <p>7. Planning Chief requests additional radiological assets from the 55thCST and DOE radiological assets are requested through FRMAC. (Simulated).</p> <p>8. The Planning and Assessment Center initiates dose assessment</p> <p>(CONTROLLER MESSAGE 2 – Weather)</p>	
0850	Controller Inject 3	Rumor into the JIC – Residents smelling odor	
0850	Controller Inject 4	Traffic Reroute to MNDOT, State Patrol & Counties	
0850	SCENARIO NOTE	A small RCS leak begins	

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0945	SCENARIO NOTE	PINGP Should Classify and Declare an SAE based on EAL SS1.1 (No Release in Progress)	
1015	CONTROLLER NOTE	Offsite Notifications for the SAE should be completed	
	Time of Notification		
1015	Offsite Actions for SAE	<ol style="list-style-type: none"> EOCs are notified of the classification upgrade. <ol style="list-style-type: none"> State EOC, JIC Goodhue and Dakota County EOCs RAD Teams Maple Grove & Plymouth (DNR and Agriculture are simulated) Decontamination Centers (simulated/out of sequence activity) Schools are evacuated to sister schools (simulated). MDA and DNR field sampling teams put on standby (simulated). Governor advised of incident status. "State of Emergency" recommended by State Incident Manager. "State of Emergency" declared by Governor. Livestock in the 10 mile EPZ placed on covered water and stored feed. 	
1020	Controller Inject 5	Rumor into the JIC – Immediate evacuation	
1045	Controller Note	Onsite; Return to work	
1115	Controller Note	PINGP declares General Emergency FG1	
		6.	
1145	Notification of General Emergency		
1145	Offsite Actions for GE	<p>EOC and field staff are notified of the classification upgrade.</p> <ul style="list-style-type: none"> State EOC, JIC Goodhue and Dakota County EOCs RAD Teams Decontamination Centers <p>Minnesota's default protective action recommendation (PAR) is to evacuate the 2-mile sub-area and the 5-mile sub-area(s) in the downwind sector of Q, R & A. Sub Areas 2, 5W and 5N will be recommended by the Planning</p>	

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		<p>Chief to the State Incident Manager.</p> <p>When PADs are approved, the Public Alert and Notification System will be implemented. The EAS system will be activated and sirens sounded (simulated – This will be demonstrated Out Of Sequence).</p> <p>As PADs are recommended, necessary traffic control points are activated for evacuee traffic flow and to restrict incoming traffic (simulated). “RAD teams” are “in the field monitoring radiation levels” and reporting to planning and assessment staff in State EOC.</p> <p>All emergency response organizations are fully activated.</p> <p>Radiological response support requested from FEMA</p>	
1210	Controller Inject 6	Rumor into the JIC – Local hospitals overwhelmed with residents there to decontaminate	
1230	Scenario Note	Xcel Exercise Termination	
1300	Scenario Note	State Exercise Termination	

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Appendix F: Extent-of-Play Agreements



Nuclear Power Plant Exercise

Prairie Island Nuclear Generating Plant
Radiological Emergency Preparedness (REP) Program
Extent-of-Play Agreement for Goodhue County and Dakota County

August 02, 2022

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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 2022 Prairie Island Nuclear Generating Plant Evaluated Exercise, as agreed to by the offsite response organizations and Federal Emergency Management Agency (FEMA) Region 5, Radiological Assistance Committee (RAC) Chair.

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

Scope

The exercise has both In-Sequence and Out-of-Sequence demonstration activities. This exercise marks the start of the eight-year exercise cycle for Goodhue County and Dakota County.

In-Sequence activities will occur on August 02, 2022. Goodhue County and Dakota County will fully participate in this exercise, sufficient to support the demonstrations described in this EOP. The State of Minnesota will be participating to support Goodhue County and Dakota County response operations.

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

- County Initial Warning Point (Sheriff's Office Dispatch Center)
- Emergency Operations Center (EOC) (State, Goodhue, Dakota)
- Joint Information Center (JIC) State PIO will represent the county
- Prairie Island Nuclear Generating Plant
- Field Team Operations

Out of Sequence activities will occur at the 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)

Demonstration Windows

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

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

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

Activity	ORO/Location	Date/Time
MS-1 Regions Hospital and Cottage Grove Ambulance	Regions Hospital 640 Jackson St St. Paul, MN 55101	August 01, 2022; 8:00 AM
Pre-Exercise Briefing Entrance Meeting	Embassy Suites Minneapolis Airport 7901 34th Ave South Bloomington, MN 55425	August 01, 2022; 2:00 PM
Evaluator Briefing	Town Square 445 Minnesota Street, Suite 223 St Paul, MN 55101	August 02, 2022; 7:00 AM
JIC & JIC Media Briefing Room	Town Square 445 Minnesota Street, Suite 223 St Paul, MN 55101	–
Goodhue County EOC	Goodhue County EOC 430 W. 6th St Red Wing, MN 55066	–
Dakota County EOC	Judicial Center 1560 Hwy 55 Hastings, MN 55033	–
Emergency Worker Dosimetry and KI Interviews	Goodhue County EOC and Dakota County EOC	–
State EOC: Communication Backup Demonstration- in support of Goodhue and Dakota County	Town Square 445 Minnesota Street, Suite 223 St Paul, MN 55101	August 02, 2022; 7:30 AM
Goodhue County EOC: Communication Backup Demonstration	Goodhue County EOC 430 W. 6th St Red Wing, MN 55066	August 02, 2022; 7:30 AM
Dakota County EOC: Communication Backup Demonstration	Judicial Center 1560 Hwy 55 Hastings, MN 55033	August 02, 2022; 7:40 AM
State Duty Officer	Bureau of Criminal Apprehension 1430 Maryland Ave E St. Paul, MN 55106	August 02, 2022; Start of the Exercise
Initial Notification	Goodhue County Law Enfor. Center 430 W. 6th St Red Wing, MN 55066	

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	Dakota Communications Center 2860 160 th West Street, Rosemount, MN 55068	August 02, 2022; Start of the Exercise
Planning and Assessment Center (PAC) and State EOC	Town Square 445 Minnesota Street, Suite 223 St Paul, MN 55101	August 02, 2022
State Field Teams & Command Van	Maple Grove Fire Station 2 13450 Maple Knoll Way N Maple Grove, MN 55369 <i>(Pre-positioned)</i> Hastings Armory- Parking Lot 3050 Red Wing Blvd. Hastings, MN 55033	August 02, 2022; 8:30 AM
Emergency Worker Monitoring/Decontamination Center	Hastings Public Works 1225 Progress Drive Hastings, MN 55033	August 03, 2022; 6:00PM
MS- 1 St Elizabeth Hospital and Wabasha Emergency Services	Wabasha St Elizabeth Hospital 1200 5th Grant Blvd West Wabasha, MN 55981	August 03, 2022; 9:00 AM
Red Wing Schools Evaluation	Red Wing School District Offices 2451 Eagle Ridge Drive Red Wing, MN 55066	August 03, 2022; 10:00 AM
FEMA players debriefing	Goodhue County EOC 430 W. 6th St Red Wing, MN 55066	August 05, 2022; 9:00AM
FEMA media out briefing	Goodhue County EOC 430 W. 6th St Red Wing, MN 55066	August 05, 2022; 10:00AM

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.

2019 Capability Targets (2016 Criteria) that will be demonstrated during this exercise and may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader, include the following: 1.5 (3.b.1, 3.c.1, 3.c.2), 2.2 (3.a.1), 4.2 (4.a.3), 4.3 (4.b.1), 5.1 (6.a.1, 6.c.1), 5.2 (6.b.1), 5.3 (6.d.1), Capability Targets may be re-demonstrated as approved on a case-by-case basis by the Chairperson, FEMA R5 Regional Assistance Committee: 1.3 (2.b.1), 1.4 (2.b.2, 2.c.1), 2.1 (2.a.1), 3.2 (5.a.1, 5.a.3, 5.a.4), 3.3 (5.b.1), 5.4 (3.d.2)

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.

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Activities, Core Capabilities, and Exercise Objectives

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

Section 2: Extent-of-Play Agreement

Standards & References

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

- Goodhue County Radiological Emergency Response Plan.
- Dakota County Radiological Emergency Response Plan.
- DHS/FEMA REP Program Manual December 2019.
- NUREG 0654/FEMA REP 1 Rev. 2.

Exercise Participants

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

- Goodhue County Emergency Management Agency
- Goodhue County Sheriff's Office
- City of Red Wing
- Dakota County Emergency Management Agency
- Hastings Fire Department
- Prairie Island Indian Community
- Minnesota Department of Health (MDH)
- Minnesota Department of Agriculture (MDA)
- Minnesota Department of Natural Resources (DNR)
- Minnesota Department of Education
- Minnesota Department of Transportation
- Minnesota State Patrol
- Minnesota National Guard
- Minnesota Department of Human Services
- Minnesota Pollution Control Agency
- Minnesota Emergency Medical Services Regulatory Board
- Minnesota HSEM

- American Red Cross
- Salvation Army
- Minnesota VOAD
- State Duty Officer
- State Field Teams
- Regions Hospital
- Cottage Grove Ambulance
- Wabasha St Elizabeth Hospital
- Wabasha Emergency Services
- Red Wing School District
- Hastings School District

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: Minnesota State Emergency Operations Center (SEOC) (St. Paul, MN), Goodhue County (Red Wing, MN) and Dakota County (Hastings, MN), intend to fully activate their respective Emergency Operations Center (EOC). The SEOC and County EOC's will implement notification procedures as defined in Plans and SOGs. Some players may be pre-staged outside the venue due to travel times. The State of MN and the Counties will make declaration of operational status. The State of MN will activate the Joint Information Center (JIC) and mobilize the Radiological Accident Deployment (RAD) Field Teams. HSEM Regional Program Coordinators will be playing in the Dakota and Goodhue County EOCs.

Assessment	Venue	Extent-of-Play
Alert, notify, and mobilize key personnel, to include a 24-hour staffing roster, and activate facilities in a timely manner.	All Venues	Exception: Some participants, players, etc. will be prepositioned in their assigned exercise locations. Players will not begin their assigned exercise roles until notification is received/controller inject and will wait an appropriate amount of time to begin.
Receive and verify notifications.	All Venues	No Exceptions
Identify and request additional resources, as needed.	All Venues	Exception: Agencies outside this EOP may be requested, but response will be simulated.
Determine a facility is operational.	All Venues	No Exceptions

Capability Target 1.2: Direction and Control (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)

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

Exercise Parameters: Decision-making will be demonstrated at the MN SEOC, Goodhue County EOC and Dakota County EOC. Communication will be established with the Prairie Island Indian Community and Wisconsin Emergency Operations Center to ensure coordinated efforts and appropriate communication during response activities. HSEM Regional Program Coordinators will be playing in the Dakota and Goodhue County EOCs.

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

Capability Target 1.3: Protective Action Recommendations (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: Evaluate dose projections based on information from the simulated field monitoring data.

Assessment	Venue	Extent-of-Play
Select and implement pre-planned precautionary protective actions		State Function
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 of MN EOC	State Function

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Assessment	Venue	Extent-of-Play
Develop PARs	State of MN EOC	State Function
Transmit PARs in a timely manner	State of MN EOC	State Function
Assess radiological consequences and provide appropriate PARs for populations with the plume and the ingestion exposure pathway	State of MN EOC	Exceptions: by discussion if not already available at venue.

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

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

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

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

Exercise Parameters: *The State of Minnesota will make Protective Action Recommendations (PAR) to Goodhue County and Dakota County officials in the county EOC. The Governor or Governor's Authorized Representative (GAR) will make the final Protective Action Decisions (PAD) regarding what protective actions will be recommended to the public of Goodhue County and Dakota County. Goodhue County and Dakota County will issue separate PADs for access and functional needs, or schools.*

Assessment	Venue	Extent-of-Play
Coordinate and make PADs for members of the general public.	State of MN EOC	No Exceptions
Coordinate and make PADs for those with access and functional needs.	Goodhue County EOC Dakota County EOC	
Coordinate and make PADs for students at schools.	State of MN EOC Goodhue County EOC Dakota County	Exception: Process discussed at interview.
Coordinate and make subsequent or alternate PADs.	State of MN EOC	Exception: By discussion if not driven by scenario.
Coordinate and make decisions on the administration of KI (where applicable) for the public and institutionalized members of the population.	State of MN EOC	Exception: State Function for decision, County will coordinate. Minnesota Department of Health is responsible for the decision to ingest KI.

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)

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

Exercise Parameters: No actual evacuations or demonstrations of shelter-in-place will occur. Phone calls and public notifications will be simulated. All transportation points of review will be demonstrated by interview/discussion. No actual transportation will occur. School demonstration is out of sequence relative to EOC demonstration, most of School Services Officer demonstration will be by interview, and communications with school districts will be simulated. School will be simulated as “in session”.

Assessment	Venue	Extent-of-Play
Implement PADs, ensuring communication and coordination with all appropriate jurisdictions.	All Venues	See Exercise Parameters
Assist those with access and functional needs during the implementation of PADs.	All Venues	See Exercise Parameters
Communicate, coordinate, and implement protective actions for schools.	All Venues	See Exercise Parameters
Communicate with transportation officials.	All Venues	See Exercise Parameters
Identify evacuation routes for the general public.	All Venues	See Exercise Parameters
Make KI available to both institutionalized persons and the general public, in accordance with plans and procedures	All Venues	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: Not Selected for this exercise

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

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

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

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

Exercise Parameters: Not Selected for this exercise

Objective 2: Exposure Control

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Capability Target 2.1: Emergency Worker Exposure Control Decision-Making Process - (2.a.1) A

decision-making process involving consideration of appropriate factors and necessary coordination is used to ensure that an exposure control system is in place for emergency workers and includes the use of radioprotective drugs and procedures to authorize emergency exposures in excess of the PAGs.

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

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

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

Exercise Parameters: Exposure control will be demonstrated at the out-of-sequence venues where applicable and may be demonstrated by interview/discussion. Field Teams will be simulated in-sequence.

Assessment	Venue	Extent-of-Play
Control emergency workers' exposure and dose, including offsite workers performing duties onsite.	All Venues	
Maintain record of dose as a result of exposure.		No Exception
Authorize exposures and dose in excess of identified limits.	All Venues	Radiological Officer in county EOC will be interviewed concerning exceeding dose limits. Authorization is a state function. (Out of Sequence)
Process for considering occupational exposures and to authorize individuals to receive doses in excess of occupational dose limits.	State of MN EOC	State Function
Determine a correction factor for DRD-based isotopic release mixture	State of MN EOC	State Function based off Annex F of the MEOP
Control exposure and dose for temporary reentry of emergency workers, or members of the public, to restricted areas.		Not Selected
Determine the need to authorize radioprotective drugs using projected thyroid doses and field measurements. Projections are compared to previously established PAGs.	State of MN EOC	State Function
Adequately protect members of the public from radiological exposure and control dose for those who are authorized to temporarily reenter a restricted area.		Not Selected

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,

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including following procedures to obtain authorization to receive emergency exposures in excess of the PAGs.

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

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning
Exercise Parameters: DRDs, TLDs and KI for emergency workers are pre-distributed and described in the Goodhue and Dakota Counties Emergency Response Plan (RERP) and SOGs. In the event that the use of KI is recommended to emergency workers, players will simulate taking KI.

Assessment	Venue	Extent-of-Play
Maintain an appropriate inventory of DRDs that are leak-tested or current in calibration.	All Venues	No Exceptions
Maintain an appropriate inventory of PRDs.	All Venues	No Exceptions
Retain an adequate supply of radioprotective drugs.	All Venues	No Exception
Adequately distribute appropriate DRDs and PRDs.	All Venues	Goodhue County will be using Group Dosimetry in their Emergency Operations Center.
Adequately distribute radioprotective drugs to emergency workers.	All Venues	No Exception
Emergency workers must demonstrate basic knowledge of procedures for using KI and the use of dosimeters whether or not the scenario drives the implementation of KI use. This can be accomplished by an interview with the evaluator.	Goodhue and Dakota County	One deputy from Dakota and Goodhue County and a State Patrol Officer at Goodhue County will be interviewed.
Record and report exposures in the field.	All Venues	No Exception
Implement decisions to administer radioprotective drugs.	All Venues	Exception: State Function for decision, County will coordinate. MN Department of Health is responsible for the decision to ingest KI. Ingestion of KI will be simulated.
Report to individual responsible for managing exposure and dose when limits are reached.	All Venues	No Exception
Implement exposure control decisions to members of the public from radiological exposure and control dose for those who are authorized to temporarily reenter a restricted area.		Not Selected

Objective 3: Alert and Notification

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

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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: MN State EOC will be the primary means of communication between Goodhue County, Dakota County, State RAD Teams, MN State Patrol, State of WI and Prairie Island Nuclear Generating Plant. MN SEOC along with Goodhue and Dakota Counties will demonstrate a primary communications system along with one additional communication method. Communications to the out-of-sequence venues will be simulated. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.).

Assessment	Venue	Extent-of-Play
Utilize communication systems that are fully functional, continuously available, and redundant.	All Venues	No Exceptions
Maintain periodic test results and corrective actions on a real time basis.	All Venues	During Communications interview.
Access at least one communication system that is independent of the commercial telephone system.	All Venues	During Communications interview.
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	During Communications interview.

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

Intent: The capability to provide instructions to the public.

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

Core Capabilities: Public Information and Warning; Planning

Exercise Parameters: Alert and Notification of the public in Goodhue County and Dakota County is a coordinated function. All EPZ counties have the ability to sound sirens. Goodhue County has the lead for siren activation coordination with Dakota and Pierce County. The development and dissemination of an EAS will be demonstrated in the SEOC. No actual notifications to the public will be performed (sirens, EAS, ENS, press releases, etc.). Coordination of Sirens and EAS messaging will be coordinated between: Goodhue County and Dakota County. HSEM Regional Program Coordinators will be playing in the Dakota and Goodhue County EOCs.

Assessment	Venue	Extent-of-Play
ALERT AND NOTIFICATION SYSTEM: Sequentially provide an alert signal followed by an initial instructional message to populated areas.	All Venues Initial Notification Point	Exception: An EAS message will be developed but will not be broadcast. Communications Demonstration will be used to discuss associated points of review. Exception: Siren Activation – Evaluators will interview Goodhue County and

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Assessment	Venue	Extent-of-Play
		Dakota County regarding the steps they would take to activate sirens. Siren activation will be simulated. Evaluator will conduct interview during mobilization (capability target 1.1)
ALERT AND NOTIFICATION SYSTEM: Alert and notify the general public. - (Subsequent Alerts)	State of MN EOC	Same as above.
ALERT AND NOTIFICATION SYSTEM: Identify and address any failures of the system(s) or portion of a system(s).	State of MN EOC	No Exception –MN Duty Officer will be supply backup IPAWS communication, if HSEM systems fail. If IPAWS system fails, authorization from the State EOC can be made to risk counties to send a CIVIL EMERGENCY action message to their local areas
ALERT AND NOTIFICATION SYSTEM: Actual testing of the mobile public address system will be conducted at an agreed-upon location.	NA	
ALERT AND NOTIFICATION SYSTEM: Secondary method: Electronic Notification System (ENS)	State of MN EOC	Exception: Annual Siren Test results are recorded in the ALC. FEMA was provided test results through the IPAWS lab. The process may be discussed during communications interview.
EMERGENCY ALERT SYSTEM: Identify the process to activate the IPAWS. -	State of MN EOC	No Exception
EMERGENCY ALERT SYSTEM: Ensure that updated emergency information is disseminated in a timely manner.	State of MN EOC	No Exception
EMERGENCY ALERT SYSTEM: Ensure that current emergency information is repeated at pre-established intervals.	State of MN EOC	No Exception
EAS/NWS STATION: Identify the process to activate the EAS, to include the process to receive and then broadcast updated information/messages and verification of the message, if applicable.	State of MN EOC	
EAS/NWS STATION: Broadcast the message on a 24-hour basis.	State of MN EOC	
ROUTE/ALTERNATE ALERTING	Goodhue County EOC Dakota County EOC	Exception: Not Demonstrated, Counties have 100% siren coverage

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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: SEOC JIC, Goodhue County and Dakota County will demonstrate this capability target by using pre-scripted messages as prescribed in plans and SOGs. Contact with media outlets will be simulated and no actual messages will be broadcast. No actual notifications to the public will be performed (sirens, EAS, IPAWS, press releases, etc.).

Assessment	Venue	Extent-of-Play
PLUME PHASE: Deliver coordinated, prompt, reliable, and actionable information in a timely manner.	State of MN EOC JIC	No Exception
PLUME PHASE: Provide clear, concise, accessible messaging using plain language.	State of MN EOC JIC	No Exception
PLUME PHASE: Messaging addresses appropriate cultural and linguistic considerations.	State of MN EOC JIC	Exception:
PLUME PHASE: Ensure subsequent messaging is consistent with protective actions.	State of MN EOC JIC	No Exception
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 of MN EOC JIC	County PIO Liaisons will provide updated information to the JIC.
PLUME PHASE: Respond to media and public inquiries.	State of MN EOC JIC	No Exception
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		Not Selected

Assessment	Venue	Extent-of-Play
formerly restricted areas will be communicated.		

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: This objective is a State Function in both the plume and post-plume phases. Goodhue County and Dakota County relies on dose projections and recommendations from Prairie Island Nuclear Generating Plant and the State of Minnesota for evacuation, shelter-in-place, and Potassium Iodide usage recommendations.

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.	State of MN EOC	State function
Direct the FMTs to monitoring locations, predesigned points or otherwise, at times and locations sufficient to characterize the plume.	Command Van	State function
Obtain peak plume measurements from FMTs.		Not Selected; Prairie Island Nuclear Generating Plant Field Teams measure peak plume.
Direct FMTs to collect air samples at locations and times sufficient to characterize the plume.	State of MN EOC	State function
Keep Incident Command informed of FMTs activities and location(s) during a HAB incident or other instances when an ICP or other may be in use.		Not Selected
Coordinate and share information amongst all FMTs (licensee, Federal, state and local).	State of MN EOC	Exception: Only State FMT will demonstrated
Coordinate sample analysis from field to those responsible for assessing radiological data.	State of MN EOC Command Van	State function
Coordinate transfer of sample media to locations and	Field Monitoring Team	State function

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Assessment	Venue	Extent-of-Play
organizations responsible for assessing radiological data.		
Assist with development and modification of sampling plans, as appropriate.		Not Selected

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: *This objective is a State Function in both the plume and post-plume phases.*

Goodhue County and Dakota County relies on the State of Minnesota for measurement data, sampling media, and recommendations.

Assessment	Venue	Extent-of-Play
Maintain emergency equipment including calibration and operational checks according to manufacturer's specifications or per national standards.	Field Monitoring Team	State function
Maintain inventory for emergency kits.	Field Monitoring Team	State function
Operate and monitor radiation survey instruments to detect changes in radiation exposure rate while moving and in stationary positions.	Field Monitoring Team	State function
Use appropriate contamination control and PPE.	Field Monitoring Team	State function
Be in location(s) at the appropriate times(s) to detect and characterize the active release (plume).	Field Monitoring Team	State function
Obtain peak plume measurements either directly or from licensee field teams.	Field Monitoring Team	Obtain from licensee field teams.
Correctly interpret survey instrument readings to determine submersion in the active plume.	Field Monitoring Team	State function
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).	Field Monitoring Team	State function
Handle sample media and equipment to avoid sample	Field Monitoring Team	State function

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Assessment	Venue	Extent-of-Play
cross-contamination, contamination of equipment and personnel contamination.		
Determine an appropriate low background location to count sample media.	Field Monitoring Team	State function
Count iodine and particulate media using appropriate and effective instrumentation and counting geometries or have samples analyzed by a supporting laboratory within four hours.		Not Selected; lab function
Report to field monitoring team manager all survey and counting results in format and units suitable for use by the organization's dose assessor.	Field Monitoring Team	State function
Procedures, qualified collection and counting efficiencies and calculations are capable of detecting airborne radioactive iodine concentrations as low as 10^{-7} $\mu\text{Ci/cc}$?		Not Selected; lab function
Preparation of packaging, sample identification, and chain-of-custody forms ensures integrity of samples throughout transportation and transfer.	Field Monitoring Team	State function

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: **Not Selected for this exercise**

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: **Not Selected for this exercise**

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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: Not selected for this exercise

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

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

Assessment	Venue	Extent-of-Play
Set up operations:	EWDC- Hastings Public Works	Exception: where applicable only one decon area will be set up. Facilities for both males and females will be available for inspection.
Operationally check instruments and equipment.	EWDC- Hastings Public Works	Exception: a minimum of one of each type of radiological monitoring instrument will be demonstrated.
Monitor emergency worker personnel and their equipment and vehicles for contamination.	EWDC- Hastings Public Works	Exception: Two Emergency Workers will be monitored for contamination, one (selected at random by the Controller) will be simulated contaminated.
Decontaminate emergency worker personnel and their equipment and vehicles based on trigger/action levels.	EWDC- Hastings Public Works	Exception: Decontamination efforts will be procedurally explained by the Workers. The contaminated Emergency Worker will not disrobe and will not undergo actual decontamination. Exception: The decision to refer individuals who cannot be decontaminated to medical facilities will be procedurally explained via evaluator interview. One vehicle will be demonstrated.
Control the spread of contamination.	EWDC- Hastings Public Works	One person will demonstrate donning and doffing of PPE.
Create and maintain a record of monitoring and decontaminating workers upon completion of monitoring and decontamination activities.	EWDC- Hastings Public Works	No Exception

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Assessment	Venue	Extent-of-Play
Process for prioritizing emergency workers and equipment before the public in facilities where the public and emergency workers are both processed for contamination.	EWDC- Hastings Public Works	Exception: Process may be procedurally explained via evaluator interview.

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: Cottage Grove Ambulance and Wabasha Emergency Service will demonstrate the capability to transport contaminated individuals. Regions Hospital and St Elizabeth Hospitals will monitor contaminated individuals and equipment as well as setup, activate and operate medical services.

Assessment	Venue	Extent-of-Play
Transport contaminated, injured individuals to medical facilities	Cottage Grove Ambulance Wabasha Emergency Service	Not transporting from reception center
Maintain Communications between the medical transportation provider and the receiving medical facility.	Regions Hospital Wabasha St Elizabeth Hospital	No Exceptions
Operationally check instruments and equipment.	Regions Hospital Wabasha St Elizabeth Hospital	No Exceptions
Set-up, activate, and operate an REA.	Regions Hospital Wabasha St Elizabeth Hospital	No Exceptions
Monitor and decontaminate the individual, equipment, and other items.	Regions Hospital Wabasha St Elizabeth Hospital	No Exceptions

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

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

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

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

Exercise Parameters: The Traffic Access and Control Point (TACP) ability to provide instructions to TACP providers will be demonstrated through simulated calls to the SEOC with the State Patrol and

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MnDOT. No actual control point will be set up but a demonstration will be coordinated with Goodhue and Dakota Counties. Equipment will be available for inspection.

Assessment	Venue	Extent-of-Play
Select, establish, and staff appropriate TCP/ACPs, consistent with current conditions and PADs (e.g., evacuating, sheltering, and relocation), in a timely manner.	All Venues	Exception: By interview with State Patrol and MnDOT at the SEOC.
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.	All Venues	Exception: By interview with State Patrol and MnDOT at the SEOC.
Contact the state or Federal agencies that have the authority for the different transportation modes (e.g., rail, water, and air traffic).	State of MN EOC	State Function
Identify and take appropriate actions concerning impediments that affect the evacuation and evacuation routes.	All Venues	No Exception
Make the decision to re-route traffic and coordinate with key decision-makers and the JIC to ensure the alternate route information is appropriately communicated to evacuees.	State of MN EOC	PIO will provide re-route instructions to the JIC.
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: Demonstration Locations, Dates, Times, and Contacts

MONDAY AUGUST 1, 2022

PRE-EXERCISE MEETING		
Address:	Embassy Suites Minneapolis Airport 7901 34 th Ave South Bloomington, MN 55425	
Contact:	Patrick McLaughlin	
Telephone:		
Action		

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Location:		
Date:	August 01, 2022	
Time:	2:00 PM	

REGIONS HOSPITAL		
Address:	640 Jackson St St. Paul, MN 55101	
Contact:	Rob Hines	
Telephone:		
Action Location:		
Date:	August 01, 2022	
Time:	8:00 AM	

TUESDAY AUGUST 2, 2022

STATE OF MN EMERGENCY OPERATIONS CENTER		
Address:	Town Square 445 Minnesota Street, Suite 223 St Paul, MN 55101	
Contact:	Patrick McLaughlin	
Telephone:		
Action Location:		
Date:	August 2, 2022	
Time:		

GOODHUE COUNTY EMERGENCY OPERATIONS CENTER		
Address	430 W. 6th St Red Wing, MN 55066	
Contact	Annette MacConnell	
Telephone		
Action Location		
Date:	August 2, 2022	
Time:		

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DAKOTA COUNTY EMERGENCY OPERATIONS CENTER		
Address:		
	Judicial Center	
	1560 Hwy 55	
	Hastings, MN 55033	
Contact:	Andrew Tepfer	
Telephone:		
Action Location:		
Date:	August 02, 2022	
Time:		

STATE DUTY OFFICER		
Address:	Bureau of Criminal Apprehension	
	1430 Maryland Ave E	
	St. Paul, MN 55106	
Contact:	Duty Officer	
Telephone:		
Action Location:		
Date:	August 02, 2022	
Time:	7:55 AM	

GOODHUE COUNTY LAW ENFORCEMENT CENTER		
Address:		
	430 W. 6th St	
	Red Wing, MN 55066	
Contact:	Annette MacConnell	
Telephone:		
Action Location:		
Date:	August 02, 2022	
Time:	8:00 AM	

DAKOTA COMMUNICATIONS CENTER		
Address:		

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	2860 160 th West Street Rosemount, MN 55068	
Contact:	Wayne Lamoreaux	
Telephone:		
Action Location:		
Date:	August 02, 2022	
Time:	8:00 AM	

**EMERGENCY WORKER MONITORING/DECONTAMINATION CENTER
Dakota County**

Address:	Hastings Public Works 1225 Progress Drive Hastings, MN 55033	
Contact:	Patrick McLaughlin	
Telephone:		
Action Location:		
Date:	August 02, 2022	
Time:	6:00 PM	

WABASHA ST ELIZABETH'S HOSPITAL AND WABASHA EMERGENCY SERVICE

Address:	1200 5th Grant Blvd West Wabasha, MN 55981	
Contact:	Rob Hines	
Telephone:		
Action Location:		
Date:	August 03, 2022	
Time:	9:00 AM	

Red Wing School District EV-2 Evacuation

Address:	Red Wing School District Offices 2451 Eagle Ridge Drive Red Wing, MN 55066	
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Contact:	Patrick McLaughlin	
Telephone:		
Action Location:		
Date:	August 03, 2022	
Time:	10:00 AM	

FEMA PLAYERS DEBRIEFING

Address:	Goodhue County EOC 430 W. 6th St Red Wing, MN 55066	
Contact:	Patrick McLaughlin	
Telephone:		
Action Location:		
Date:	August 05, 2022	
Time:	9:00 AM	

FEMA MEDIA OUT BRIEFING

Address:	Goodhue County EOC 430 W. 6th St Red Wing, MN 55066	
Contact:	Patrick McLaughlin	
Telephone:	612-400-4930	
Action Location:		
Date:	August 05, 2022	
Time:	10:00 AM	

Section 5: Back-up Documentation

Goodhue County, Dakota County, and Pierce County Radiological Emergency Preparedness Plan (RERP), Suggested Operational Guidance and other supporting information to be provided separately.

Section 6: Acronyms

Acronym	Term
AAR/IP	After Action Report/Improvement Plan
CDT	Central Daylight Time
CFR	Code of Federal Regulations

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Acronym	Term
cpm	counts per minute
DHS	Department of Homeland Security
DPS	Department of Public Safety
DRD	Direct-Reading Dosimeters
EAS	Emergency Alert System
ECL	Emergency Classification Level
ED	Emergency Department
EMA	Emergency Management Agency
EMD	Emergency Management Director
EMS	Emergency Medical Services
EOC	Emergency Operations Center
EPZ	Emergency Planning Zone
EW	Emergency Worker
FD	Fire Department
FEMA	Federal Emergency Management Agency
GAR	Governor Authorized Representative
GE	General Emergency
HSEM	Homeland Security and Emergency Management
IC	Incident Commander
IPAWS	Integrated Public Alert and Warning System
IWP	Initial Warning Point
JIC	Joint Information Center
KI	potassium iodide
MDOT	Minnesota Department of Transportation
Mg	Milligram(s)
MHz	MegaHertz
mR	milliRoentgen(s)
MS-1	Medical Services (Facility & Transportation Drills) – Reference to FEMA REP Guidance Memorandum GM MS-1, Medical Services, November 13, 1986.
NRC	Nuclear Regulatory Commission
ORO	Offsite Response Organization(s)
PAC	Planning and Assessment Center
PAD	Protective Action Decision
PAR	Protective Action Recommendations
REP	Radiological Emergency Preparedness
PINGP	Prairie Island Nuclear Generating Plant
PIO	Public Information Officer
PPE	Personal Protective Equipment
PRD	Permanent Record Dosimeter
R	Roentgen

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Acronym	Term
RAC	Regional Assistance Committee
REA	Radiation Emergency Area
REP	Radiological Emergency Preparedness
RERP	Radiological Emergency Response Plan
RO	Radiological Officer
SAE	Site Area Emergency
SEOC	State Emergency Operations Center
SIM	State Incident Manager
SOG	Standard Operating Guideline/Suggested Operational Guidance
TACP	Traffic Access Control Point
TEDE	Total Effective Dose Equivalent
TLD	Thermoluminescent Dosimeter

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WISCONSIN EXTENT OF PLAY AGREEMENT

2022 Prairie Island Nuclear Generating Plant
Plume Pathway Exercise
August 2nd, 2022

1. PURPOSE

This Extent of Play Agreement identifies the conditions that will be used to develop, conduct, control, and evaluate the 2022 Prairie Island Nuclear Generating Plant Plume Pathway Exercise as agreed to by Wisconsin Emergency Management, Wisconsin Department of Health Services Radiation Protection Section, Pierce County Emergency Management, and Prairie Island Nuclear Generating Plant.

2. EXECUTIVE SUMMARY

The 2022 Prairie Island Nuclear Generating Plant Plume Pathway Full-Scale Exercise (August 2nd, 2022) is designed to establish a learning environment for players to exercise and evaluate their plans and procedures and to review actions related to response to an incident involving the release of radiological materials and the repercussions within the 10-mile Emergency Planning Zone (EPZ), at the Prairie Island Nuclear Generating Plant. Exercise play is scheduled until exercise objectives have been met at each participating venue.

See Section 5 for exercise parameters and redemonstration requests. See Section 6 for a list of participating agencies.

3. IDENTIFIED EXERCISE OBJECTIVES AND CORE CAPABILITIES

Exercise Objective	Aligned Core Capability
OBJECTIVE 1 – EMERGENCY OPERATIONS MANAGEMENT	
<p>Capability Target 1.1 – Mobilization</p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to alert, notify, and mobilize emergency personnel, and activate and staff emergency facilities.</p> <p>Capability Target 1.1: Individuals with roles in support of emergency operations are identified, alerted and mobilized in a timely manner. (NUREG-0654/FEMA-REP-2, A.1, A.1.a, A.1.b, A.3, 4, 5; C.1,2, C.2.a C.2.b, C.3; E.1; E.1.a, E.3; F.1.c; H.6, O.1)</p> <p>EXTENT OF PLAY: The State of Wisconsin, Pierce County Emergency Operation Centers, and the Wisconsin Joint Information Center (WI JIC) will be notified per procedure and will respond when called. State and County EOCs will notify their EOC staff and mobilize per procedure. State and County EOCs will not be pre-positioned. Field monitoring teams will be pre-positioned. 24-hour staffing rosters will be available upon request.</p>	Operational Communications

<p>Special arrangements regarding staffing are as follows:</p> <ul style="list-style-type: none"> • The Wisconsin Emergency Management Regional Director and their Office Program Associate will be pre-positioned in the vicinity of the Pierce County EOC and will be instructed to report to the County EOC ~10 minutes after initial notification of activation of the State of Emergency Operations Center (SEOC). • State of Wisconsin Joint Information Center (WI JIC) staff will be pre-positioned near the WI JIC and will be notified by the WEM Public Information Officer and/or RAVE Alert to report to the WI JIC when the Alert ECL is declared. They will wait approximately 10 minutes after notification before reporting to the WI JIC. The WI JIC is located at 77 Roosevelt Ave, Eau Claire, WI - Davies Center 240. For this exercise, the connection between WI and MN JICs will be virtual, and attendees will participate and coordinate through a Zoom conference call. • Pierce County PIO staff will also be pre-positioned to join the WI JIC. • The Wisconsin public inquiry hotline is operated by 211. Staff will be notified in person or via RAVE Alert. The 211 Wisconsin Supervisor, acting as the Assistant Supervisor, will respond to the SEOC and the 211 operators will log in via remote software in accordance with 211 Wisconsin's standard operations. • Forward Operating Center/Mobile Response Lab (FOC/MRL) and Field Teams will be pre-positioned at the Pierce County Building and will be mobilized when needed and requested. They will receive alert via RAVE, the Field Response Manager (FRM) will be notified via call from the SRC, and Field Teams will be notified by the FRM to mobilize. • State Radiological Coordinator (SRC) room staff will be pre-positioned in the DMA break room and/or parking lot. The SRC will be pre-staged in DMA break room awaiting notification via pager. The SRC will alert and determine availability of staff via the RAVE system. The SRC will then notify and mobilize staff to report to assigned duty stations. • Prairie Island Nuclear Plant will pre-position a liaison near the SEOC and will respond when notified by the plant per procedure. <p>S – Pierce County will be evaluated on this target.</p> <p>NS – The State of Wisconsin will demonstrate but <u>will not</u> be evaluated on this target.</p>	
<p><u>Capability Target 1.2 – Direction and Control</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMA REP-2, which requires that OROs have facilities to support the emergency response.</p> <p>Capability Target 1.2: Individuals in leadership roles provide direction and control to the portion of the overall response effort for which they are responsible. (NUREG-0654/FEMA-REP-2, A.1, A.1.a. A.1.b, A.1.c, A.2, A.3, A.5, C.2, C.2.a, C.3, D.4, E.1, H.6, O.1)</p>	<p>Operational Coordination</p> <p>Operational Communications</p> <p>Situational Assessment</p>

<p>EXTENT OF PLAY: Offsite response organizations will demonstrate the capability to direct and control the overall response effort within their areas of responsibility as outlined in their respective plans.</p> <p>No significant changes have been made to any state or county facilities since they were last evaluated.</p> <p>S – Pierce County will be evaluated on this target.</p> <p>NS – The State of Wisconsin will demonstrate but <u>will not</u> be evaluated on this target.</p>	
<p><u>Capability Target 1.3 – Protective Action Recommendations</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to independently project integrated dose from projected or actual dose rates and compare these estimates to the PAGs.</p> <p>ORO must have the capability to choose among a range of protective actions those most appropriate in a given emergency. OROs base these choices on PAGs from their plans/procedures or EPA’s Manual of Protective Action Guides and Protective Actions for Nuclear Incidents and other criteria, such as plant conditions, licensee PARs, coordination of precautionary and/or protective action decisions with other political jurisdictions</p> <p>Capability Target 1.3: Appropriate PARS are selected based on available information and other factors (NUREG-0654/FEMAREP-2, D.4, J.7, J.8, J.8.b, J.9, O.1)</p> <p>EXTENT OF PLAY: 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.</p> <p>[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.]</p> <p>NS – As this target is a State responsibility, Pierce County <u>will not</u> be evaluated on this target.</p> <p>S – The State of Wisconsin State Radiological Coordinator will be evaluated on this target.</p>	<p>Operational Coordination</p> <p>Intelligence & Information Sharing</p> <p>Environmental Response/Health and Safety</p> <p>Operational Communications</p> <p>Situational Assessment</p>
<p><u>Capability Target 1.4 – Protective Action Decisions for the Plume Phase</u></p> <p>INTENT: The capability to utilize appropriate factors and necessary coordination in the decision-making process used to make PADs for the public.</p>	<p>Operational Coordination</p> <p>Intelligence & Information Sharing</p>

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<p>Capability Target 1.4: Appropriate PADs are based on available information for the plume phase. (NUREG-0654/FEMA-REP-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, O.1)</p> <p>EXTENT OF PLAY: A decision making process involving consideration of all relevant factors and all necessary coordination will be utilized as outlined in the Plan. A PAR/PAD board within WebEOC may be used but will not be evaluated.</p> <p>Pierce County decision makers will determine protective action(s) subsequent to discussion with the State Emergency Operations Center (SEOC) and following recommendations from the licensee and the State Radiological Coordinator (SRC).</p> <p>S – Pierce County will be evaluated on this target.</p> <p>NA – As this is a county responsibility, The State of Wisconsin <u>will not</u> be evaluated on this target.</p>	<p>Environmental Response/Health and Safety</p> <p>Operational Communications</p> <p>Situational Assessment</p>
<p><u>Capability Target 1.5 – Protective Action Decision Implementation for the Plume Phase</u></p> <p>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.</p> <p>Capability Target 1.5: Implement decisions for those populations and areas subject to plume phase protective actions (NUREG-0654/FEMA-REP-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, O.1)</p> <p>EXTENT OF PLAY: A decision making process involving consideration of all relevant factors and all necessary coordination will be utilized as outlined in the Plan. A PAR/PAD board within WebEOC may be used but will not be evaluated. Offsite organizations will coordinate and make PADs for general public, those with access and functional needs, for schools (note there are no schools within the 10-mile EPZ), and for administration of KI for the public or for institutionalized members of the population.</p> <p>Pierce County will demonstrate or simulate implementing PADs in accordance with their plans and procedures.</p> <p>S – Pierce County will be evaluated on this target.</p> <p>N/A – As this is a county responsibility, the State of Wisconsin <u>will not</u> be evaluated on this target.</p>	<p>Operational Coordination</p> <p>Environmental Response/Health and Safety</p>
<p><u>Capability Target 1.6 – Protective Action Decisions for the Post-Plume Phase</u></p> <p>INTENT: The capability to assess the radiological consequences for the ingestion exposure pathway and post-plume phase, relate them to the</p>	

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<p>appropriate PAGs, and make and coordinate timely, appropriate PADs to mitigate exposure.</p> <p>Capability Target 1.6: Implement decisions for those populations and areas subject to post-plume phase protective actions (NUREG-0654/FEMA-REP-1, Rev. 2 J.12, J.14, J.14a-f, M.1, M.1.b, M.4, M.5, M.6, M.7, M.8, and O.1).</p> <p>EXTENT OF PLAY NS – This capability target will not be performed or evaluated.</p>	
<p><u>Capability Target 1.7 – Protective Action Decision Implementation for the Post-Plume Phase</u></p> <p>INTENT: The capability to implement and coordinate PADs to mitigate exposure and address long-term radiological consequences.</p> <p>Capability Target 1.7: Implement decisions for those populations and areas subject to post-plume phase protective actions (NUREG-0654/FEMA-REP-1, Rev. 2, C.2, J.12, J.14, J.14a-f, M.1, M.1.b, M.4, M.5, M.6, M.7, M.8, and O.1)</p> <p>EXTENT OF PLAY NS – This capability target will not be performed or evaluated.</p>	
<p>OBJECTIVE 2 – EXPOSURE CONTROL</p>	
<p><u>Capability Target 2.1 – Emergency Worker Exposure Control Decision Making Process</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to assess and control the radiation exposure received by emergency workers and have a decision chain in place, as specified in the ORO's plans/procedures, to authorize emergency worker exposure limits to be exceeded for specific missions.</p> <p>Radiation exposure limits for emergency workers are the recommended accumulated dose limits or exposure rates that emergency workers may be permitted to incur during an emergency. These limits include any pre-established administrative reporting limits (that take into consideration TEDE or organ-specific limits) identified in the ORO's plans/procedures.</p> <p>Capability Target 2.1: 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. (NUREG-0654/FEMA-REP-2, C.2.c, H.11, K.2, K.2.b, K.3, K.3.a, M.1.b, M.8, O.1)</p> <p>EXTENT OF PLAY: Decision-making regarding the use of dosimetry, issuance of Potassium Iodide (KI) and emergency worker exposure guidelines and limits will be demonstrated for FOC/MRL field team workers and emergency workers in accordance with plans and procedures. Should an evacuation of the</p>	<p>Operational Coordination</p> <p>Environmental Response/Health and Safety</p> <p>Situational Assessment</p>

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<p>FOC/MRL or emergency workers be ordered as a protective decision, this evacuation will be simulated by interview. Demonstration through interview can occur regarding exceeding emergency worker exposure limits at the FOC/MRL location. The taking of KI may also be simulated.</p> <p>Emergency workers will demonstrate knowledge of relevant dose/rate reporting limits through interview at the Reception Center on July 28th.</p> <p>S - Pierce County and the State of Wisconsin State Radiological Coordinator and will be evaluated on this target.</p>	
<p><u>Capability Target 2.2 – Emergency Worker Exposure Control Management</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2; 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</p> <p>OROs must have the capability to choose among a range of protective actions those most appropriate in a given emergency. OROs base these choices on PAGs from their plans/procedures or EPA’s Manual of Protective Action Guides and Protective Actions for Nuclear Incidents and other criteria, such as plant conditions, licensee PARs, coordination of precautionary and/or protective action decisions with other political jurisdictions (e.g., other affected OROs and incident command), availability of in-place shelter, weather conditions, and situations, to include HAB incidents, the threat posed by the specific hostile action, the affiliated response, and the effect of an evacuation on the threat response effort that create higher than normal risk from general population evacuation.</p> <p>Capability Target 2.2: Emergency workers manage radiological exposure and dose in accordance with the plans/procedure. (NUREG-0654/FEMA-REP-2, C.2.c, H.11, H.11.b, K.2.b, K.3, K.3.a, M.1.b, O.1)</p> <p>EXTENT OF PLAY: 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 and Protective Action Decisions (PADs) to manage radiological exposure and dose will be made and implemented as outlined in the Plan/Procedures.</p> <p>S – Pierce County and the State of Wisconsin State Radiological Coordinator will be evaluated on this target.</p>	<p>Operational Coordination</p> <p>Intelligence & Information Sharing</p> <p>Environmental Response/Health and Safety</p> <p>Operational Communications</p> <p>Situational Assessment</p>
<p>ASSESSMENT AREA 3 – ALERT AND NOTIFICATION</p>	
<p><u>Capability Target 3.1 – Communications</u></p> <p>INTENT: The capability to provide and maintain reliable communications with emergency personnel.</p>	<p>Operational Coordination</p> <p>Operational Communication</p>

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<p>Capability Target 3.1: Communication processes, systems, and equipment are sufficient to support emergency operations. (NUREG-0654/FEMA-REP-2, E.1.a, E.3, F.1, F.1.a, F.1.b, F.1.c, F.3. O.1)</p> <p>EXTENT OF PLAY: Primary communication systems will be demonstrated. If primary communications systems fail, secondary systems can be demonstrated. These include: NXT Communicator, commercial telephones, cell phones, satellite phones, NAWAS phones, and ARES/RACES. ARES/RACES will be participating and will demonstrate their role, but not be evaluated.</p> <p>S – Pierce County will be evaluated on this target.</p> <p>NS – The State of Wisconsin and Pierce County ARES/RACES will demonstrate but <u>will not</u> be evaluated on this target.</p>	
<p><u>Capability Target 3.2 – Alert and Notification of the Public</u></p> <p>INTENT: The capability to provide alert and notification to the public in a timely manner</p> <p>Capability Target 3.2: Activities associated with primary alerting and notification of the public are completed in a timely manner following the initial decision by authorized offsite emergency officials to notify the public of an emergency situation. The initial instructional message to the public must include as a minimum the elements required by current REP guidance.</p> <p>EXTENT OF PLAY: Pierce County Emergency Management will simulate sounding the sirens at a time decided during the PAR/PAD call. Any backup notifications demonstrated or simulated will be in accordance with plans and procedures.</p> <p>S - Pierce County will be evaluated on this target.</p> <p>N/A – As this is a county responsibility, the State of Wisconsin <u>will not</u> be evaluated on this target.</p>	Public Information and Warning
<p><u>Capability Target 3.3 – Emergency Information and Instructions for the Public and News Media</u></p> <p>INTENT: The capability to disseminate emergency information and instructions to the public during all phases of an incident.</p> <p>Capability Target 3.3: Accurate emergency information and instructions are provided to the public and the news media in a timely manner. This will be simulated for the exercise. [NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, E.4, E.5, G.1, G.2, G.3, G.3a, G.4, G.5, and O.1)]</p> <p>EXTENT OF PLAY:</p>	<p>Public Information and Warning</p> <p>Operational Coordination</p> <p>Operational Communication</p>

<p>The State of Wisconsin will have its own JIC activated in a location separate from the State of Minnesota JIC. These JICs will be connected virtually through the State of Minnesota's Zoom platform. Pierce County will have a Public Information Officer (PIO) present at the WI JIC who will coordinate with the state, utility, and other county PIOs to ensure that their county's interests and concerns are accurately represented in the media briefings. All media briefings will be done in the Minnesota Zoom Virtual JIC. The Pierce County PIOs assigned to the WI JIC will work closely with the PIOs at the county EOC to ensure media releases are accurate and coordinated.</p> <p>The public information hotline, coordinated through the State of Wisconsin and operated through 211 Wisconsin, will demonstrate hotline capabilities, and participate fully in the exercise, but will not be evaluated.</p> <p>To support Pierce County's ability to identify rumors and trends, injects may also be provided to additional players in Pierce County with the intent that those players who receive the injects will notify their PIO, who will coordinate that information with the WI JIC.</p> <p>S – Pierce County will be evaluated on this target.</p> <p>NS – The State of Wisconsin will demonstrate but <u>will not</u> be evaluated on this target.</p>	
OBJECTIVE 4 – DETECT, MEASURE, SAMPLE, ANALYZE, AND ASSESS	
<p>Capability Target 4.1 – Field Monitoring Teams Management</p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to deploy FMTs with the equipment, methods, and expertise necessary to determine the location of airborne radiation and particulate deposition on the ground from an airborne plume. In addition, NUREG-0654/FEMA-REP-2 indicates that OROs must have the capability to use FMTs within the plume exposure pathway EPZ to detect airborne radioiodine in the presence of noble gases and radioactive particulate material in the airborne plume. In an incident at an NPP, the possible release of radioactive material may pose a risk to the nearby population and environment. Although incident assessment methods are available to project the extent and magnitude of a release, these methods are subject to large uncertainties. During an incident, it is important to collect field radiological data to help characterize any radiological release. Adequate equipment and procedures are essential to such field measurement efforts.</p> <p>Capability Target 4.1: FMTs are managed to obtain information to help characterize the release, locate and track the airborne radiological plume, and control contamination (NUREG-0654/FEMA-REP-2, H.11; H.13, I.5, I.6, I.9, I.10; M.7, M.8, O.1)</p> <p>EXTENT OF PLAY: Three field monitoring teams will be pre-staged and dispatched (two for evaluation) from the FOC/MRL under the control of the Field Team Manager and at the direction of the SRC. Field monitoring team</p>	<p>Environmental Response/Health and Safety</p>

<p>survey results will be transmitted to the FOC/MRL. At least one sample will be transported to the FOC/MRL to demonstrate sample receipt via Courier or directly by a team.</p> <p>S - The State of Wisconsin State Radiological Coordinator and FOC/MRL will be evaluated on this target.</p> <p>NS – As this is a State responsibility, Pierce County <u>will not</u> be evaluated on this target.</p>	
<p><u>Capability Target 4.2 – Plume Phase Measurements and Sampling</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to assess the actual or potential magnitude and locations of radiological hazards to determine the plume exposure pathway EPZ and to support relocation, reentry, and return decisions. Focus on collecting environmental samples for laboratory analyses that are essential for decisions on protecting the public from contaminated food and water and direct radiation from deposited materials.</p> <p>Capability Target 4.2: FMTs make, record, and report measurements of ambient radiation to appropriate authorities; radioiodine and particulate samples are collected (NUREG-0654/FEMA-REP-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, O.1)</p> <p>EXTENT OF PLAY: Three field monitoring teams will be pre-staged and dispatched (two for evaluation) from the FOC/MRL under the control of the Field Team Manager and at the direction of the SRC. Field monitoring team survey results will be transmitted to the FOC/MRL. At least one sample will be transported to the FOC/MRL to demonstrate sample receipt via courier or directly by a team.</p> <p>S - The State Radiological Coordinator, the first and second Field Monitoring Teams, Forward Operating Center/Mobile Response Laboratory will be evaluated on this target.</p> <p>N/A – As this target is a State of Wisconsin responsibility, Pierce County <u>will not</u> be evaluated on this target.</p>	Environmental Response/Health and Safety
<p><u>Capability Target: 4.3 – Post-Plume Phase Analysis and Dose Assessment</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to assess the actual or potential magnitude and locations of radiological hazards to determine the ingestion exposure pathway EPZ and to support relocation, reentry, and return decisions. Focus on collecting environmental samples for laboratory analyses that are essential for decisions on protecting the public from contaminated food and water and direct radiation from deposited materials.</p>	

<p>Capability Target 4.3: FMTs take measurements and samples to support assessment of the ingestion exposure pathway and to support reentry, relocation, and return decisions (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)</p> <p>EXTENT OF PLAY NS – This capability target will not be demonstrated or evaluated.</p>	
<p>Capability Target: 4.4 – Laboratory Operations</p> <p>INTENT: The capability to perform laboratory analyses of radioactivity in environmental, food, and drinking water samples to support decision-making.</p> <p>Capability Target 4.4: The laboratory performs radiological analyses to support protective action decision making. (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)</p> <p>EXTENT OF PLAY NS – This capability target will not be demonstrated or evaluated.</p>	
<p>Capability Target: 4.5 Plume Phase Analysis and Dose Assessment</p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to assess radiological data using a dispersal assessment model that is representative of known release points, topographical features and meteorological data and incorporates the analysis of field monitoring data.</p> <p>Capability Target 4.5: Dose Assessment considers all available information including plant conditions, environmental conditions, field monitoring data, sample analysis results, and dose projection calculations (NUREG-0654/FEMA-REP-2, A.3, H.13, I.6, I.8, I.10, K.3, O.1)</p> <p>EXTENT OF PLAY: 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.</p> <p>S – The State of Wisconsin State Radiological Coordinator will be evaluated on this target.</p> <p>N/A – As this target is a State of Wisconsin responsibility, Pierce County <u>will not</u> be evaluated on this target.</p>	Environmental Response / Health and Safety
<p>Capability Target: 4.6 Post Plume Phase Sampling Plan Development and Analysis</p> <p>Intent: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to assess radiological data using</p>	

<p>laboratory analysis of field samples to make protective action recommendations limiting public dose due to health risks based on the consumption of the incidental radioactive contamination of agricultural products.</p> <p>Capability Target 4.6: Post-plume assessment considers available information, including environmental conditions, field monitoring data, sample analysis results, and dose projection calculations (NUREG-0654/FEMAREP-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, O.1)</p> <p>EXTENT OF PLAY: NS – This capability target will not be demonstrated or evaluated.</p>	
OBJECTIVE 5 – OPERATE	
<p><u>Capability Target 5.1 – Monitoring, Decontamination, Sheltering, and Registration of Evacuees</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to implement radiological monitoring and decontamination of evacuees, while minimizing contamination of the facility. OROs must also have the capability to identify and register evacuees at reception centers.</p> <p>Capability Target 5.1: Facilities, equipment, and procedures are in place and utilized to provide monitoring, decontamination, identification, temporary shelter, congregate care, and registration to evacuees. (NUREG-0654/FEMAREP-2, J.11.d, J.13, K.4, O.1)</p> <p>EXTENT OF PLAY: Adequacy of procedures, facilities, equipment and personnel for radiological monitoring and decontamination. Health monitoring teams will demonstrate radiological monitoring and decontamination of evacuees at reception centers in accordance with the county reception center procedures. Pierce county will set up and operate at least three monitoring stations (i.e. two portal monitors and one hand monitor).</p> <p>The health monitoring teams will include personnel from the DHS-RPS and individuals from the county who have received training as Auxiliary Health Monitors.</p> <p>Once the reception center is operational and monitors have surveyed several evacuees to establish flow, evacuees will be monitored and registered, with one evacuee requiring decontamination. Two evacuee vehicles will be monitored, one of which will require decontamination.</p> <p>Reception center demonstrations will be performed by Pierce County and members of the WI-DHS Radiation Protection Section and will be held out-of-sequence. Pierce County Reception Center will be demonstrated on Thursday, July 28th, 2022, beginning at 6 p.m. at the Elmwood School, 213 S. Scott St, Elmwood, WI.</p>	<p>Environmental Response/Health and Safety</p>

<p>S – Pierce County and the State of Wisconsin will be evaluated on this target.</p>	
<p><u>Capability Target 5.2 – Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMA-REP-2, which requires that OROs have the capability to implement radiological monitoring and decontamination of emergency workers and their equipment, inclusive of vehicles.</p> <p>Capability Target 5.2: Facilities, equipment, and procedures are in place and utilized to provide monitoring and decontamination of emergency workers and their equipment and vehicles. (NUREG-0654/FEMA-REP-1, E.5, 7; G.3.a, G.4.a, c)</p> <p>EXTENT OF PLAY: Health monitoring teams for Pierce County will demonstrate this target out of sequence, at 6:00 p.m. on Thursday, July 28th, 2022 at the Elmwood Reception Center (Elmwood School). Reception Center personnel, La Crosse HAZMAT, will demonstrate the monitoring of one emergency worker and one vehicle, which will require decontamination at each reception center.</p> <p>S - Pierce County and the SRC will be evaluated on this target.</p>	<p>Environmental Response/Health and Safety</p>
<p><u>Capability Target 5.3 – Transportation and Treatment of Contaminated Injured Individuals</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-1, which requires that OROs have the capability to transport contaminated injured individuals to medical facilities with the capability to provide medical services.</p> <p>Capability Target 5.3: Transport contaminated, injured individuals to medical facilities with the capability to monitor and decontaminate. (NUREG-0654/FEMA-REP-2, C.2.d; F.2, H.11, H.12, J.2, K.3, K.4, L.1, L.3, L.4, O.1)</p> <p>EXTENT OF PLAY: A medical hospital drill will be held for this exercise. The demonstration will occur out-of-sequence on, July 12th, at Sacred Heart Hospital, 900 West Clairemont Avenue, Eau Claire. The hospital portion of the drill will be a continuation of the Ellsworth Area Ambulance drill but will be demonstrated separately. Personnel will demonstrate the packaging and preparation for transport of a potentially contaminated medical victim at the Reception Center on July 28th, 2022. Ambulance personnel will make a report to Sacred Heart Hospital and simulate transport to that facility. The hospital will demonstrate setting up the Radiological Emergency Area, providing appropriate medical care to the patient and monitoring and decontamination of the patient.</p> <p>Ellsworth Area Ambulance will provide a duty-worthy ambulance and the vehicle equipment will be assumed to be functional. The ambulance crew may be interviewed on equipment functionality, however the equipment</p>	<p>Environmental Response/Health and Safety</p> <p>Mass Care Services</p>

<p>(emergency lights, siren, radio, etc) will not need to be physically demonstrated.</p> <p>S - The State of Wisconsin is being evaluated on this target.</p> <p>N/A – As this target is a State of Wisconsin responsibility, Pierce County <u>will not</u> be evaluated on this target.</p>	
<p><u>Capability Target 5.4 – Traffic and Access Control</u></p> <p>INTENT: This Sub-element is derived from NUREG-0654/FEMAREP-2, which requires that OROs have the capability to implement protective action plans/procedures, including relocation and restriction of access to evacuated/sheltered areas. This Sub-element focuses on selecting, establishing, and staffing of traffic and access control points, and removal of impediments to the flow of evacuation traffic.</p> <p>Capability Target 5.4: Appropriate traffic and access control is established. Accurate instructions are provided to traffic and access control personnel. (NUREG-0654/FEMA-REP-2, H.12, J.8, J.8.b, J.10.a, J.11.c, J.11.e, J.11.f, J.14.d, J.14.e, M.1.b, O.1)</p> <p>EXTENT OF PLAY: Pierce County Sheriff’s Office will discuss and designate traffic and access control points. This will occur at the Pierce County EOC on the day of the exercise. An example traffic and access control point will be established in the parking lot of the Pierce County Emergency Operations Center.</p> <p>The Sheriff’s Office will provide a duty-worthy squad car and the vehicle equipment will be assumed to be functional. The Sheriff’s Office may be interviewed on equipment functionality, however the equipment (emergency lights, siren, radio, etc) will not need to be physically demonstrated.</p> <p>S – Pierce County will be evaluated on this target.</p> <p>N/A – As this is a county responsibility, the State of Wisconsin <u>will not</u> be evaluated on this target.</p>	<p>Operational Coordination</p> <p>Critical Transportation</p> <p>Infrastructure Systems</p>
<h4>4. Standards & References</h4>	
<p>All play, demonstrations, and interviews will be conducted in accordance with the State of Wisconsin Emergency Response Plan, Wisconsin Department of Health Radiological Incident Response Plan, Pierce County Emergency Operations Plan, and related procedures, protocols and checklists. The following primary references, plans, and procedures will be used during exercise play:</p> <ul style="list-style-type: none"> • WEM Duty Officer Manual • WEM SEOC Operations Manual • Pierce County EOC Checklists • State Radiological Coordinator Checklists 	
<h4>5. Exercise Parameters</h4>	

The 2022 Prairie Island Nuclear Plant Plume Pathway Exercise (August 2nd, 2022) will require decisions from Offsite Response Agencies with regard to the protection of the health and safety of the public as a result of a radiological plume release from the Prairie Island Nuclear Plant and the potential for contamination out to the 10-mile Ingestion Pathway Zone into the environment. Approximately seven separate offsite response venues will be activated, including Emergency Operation Centers, Radiological Field Teams, Reception Centers, and the Joint Information Centers.

Controllers and/or Evaluators may request re-demonstration of any area as long as it does not impede exercise play.

The following targets may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader: 1.1, 1.2, 1.5, 2.1, 2.2, 3.1, 3.3, 4.1, 4.2, 4.3, 5.1 5.2, 5.3, 5.4

The following targets may be re-demonstrated as approved on a case-by-case basis by the Chairman of the

Radiological Preparedness Coordinating Committee: 1.2, 1.3, 1.4, 3.2, 3.3, 4.5

The following targets were not selected for this exercise: 1.6, 1.7, 4.4, 4.6

6. Exercise Participants

State of Wisconsin

Wisconsin Emergency Management (WEM)
 Department of Health Services- Radiation Protection Section (DHS)
 Department of Health Services- Public Health (DHS)
 Department of Agriculture, Consumer, Trade Protection (DATCP)
 Department of Natural Resources (DNR)
 Department of Children and Families (DCF)
 Department of Transportation – Highways (DOT)
 Wisconsin State Patrol (WSP)
 Wisconsin National Guard (WING)
 Department of Justice (DOJ)
 Department of Administration (DOA)
 ARES/RACES
 Prairie Island Utility Liaison
 Public Hotline (211 Wisconsin)

Pierce County

Ellsworth Area Ambulance
 Public Health
 Highway Dept.
 Sheriff's Office
 Human Services
 La Crosse HAZMAT
 WEM Liaison
 Prairie Island Utility Liaison
 ARES/RACES
 American Red Cross

Prairie Island Nuclear Plant

Federal

FEMA Region V

Nuclear Regulatory Commission (NRC), Region III

Department of Energy (DOE)

National Weather Service (NWS)

EXERCISE EVENT LOCATIONS

The 2022 Prairie Island Nuclear Generating Plant (PINGP) exercise is a full-participation, plume pathway exercise. The primary participating Off-site Response Organizations (OROs) are the State of Wisconsin and Pierce County. The exercise events will take place at these various locations within the State of Wisconsin and Pierce County.

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State of Wisconsin Emergency Operations Center (SEOC) 2400 Wright Street, Room A111 Madison, WI 53704	Sacred Heart Hospital 900 West Clairemont Avenue Eau Claire, WI 54701
State Radiological Coordinator (SRC) Room 2400 Wright Street, Room 104/105 Madison, WI 53704	Pierce County Reception Center 213 S. Scott St Elmwood, WI 54740
Minnesota Joint Information Center (MN JIC) 444 Cedar Street St. Paul, MN	Wisconsin Joint Information Center (WI JIC) 77 Roosevelt Ave Eau Claire, WI Davies Center 240 – Mohican Room
Pierce County EOC 555 W Overlook Dr. Ellsworth, WI 54011	FOC/MRL 555 W Overlook Dr Ellsworth, WI 54011
Pierce County Sheriff's Office 555 W Overlook Dr. Ellsworth, WI 54011	Wisconsin Traffic Management Center (TMC) 433 W St Paul Ave #300 Milwaukee, WI 53203

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TIMELINE OF AUGUST 2ND 2022 PRAIRIE ISLAND EXERCISE ACTIVITIES

(Arranged by County and State)

ACTIVITY	DATE	TIME	LOCATION
Pre-Exercise Activities			
Pierce Medical Drill – Facility, End of Transport	July 12 th	8:00 am	Sacred Heart Hospital 900 West Clairemont Ave, Eau Claire
Pierce County Reception Center	July 28 th	6:00 pm	Pierce County Reception Center 213 S Scott St, Elmwood
Pierce Medical Drill – Initial Transport	July 28 th	~7:00 pm	Pierce County Reception Center 213 S Scott St, Elmwood
FEMA Pre-exercise Briefing	Aug 1 st	TBD	TBD
Exercise Activities – August 2nd			
Pierce County			
Pierce County EOC	Aug 2 nd	In Exercise	555 W Overlook Dr. Ellsworth, WI 54011
Pierce Initial Warning Point (IWP)	Aug 2 nd	In Exercise	Pierce County Dispatch 555 W Overlook Dr. Ellsworth, WI 54011
Pierce County TACP	Aug 2 nd	In Exercise	555 W Overlook Dr. Ellsworth, WI 54011
State of Wisconsin			
WI State EOC	Aug 2 nd	In Exercise	State EOC, Room 111 2400 Wright St., Madison
WI Initial Warning Point (IWP)	Aug 2 nd	In Exercise	Wisconsin Traffic Management Center 433 W St. Paul Ave, #300 Milwaukee, WI 53203
WI State Radiological Coord.	Aug 2 nd	In Exercise	SRC Room, Room 104/105 2400 Wright St, Madison

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Public Information Hotline	Aug 2 nd	In Exercise	Public Information Room, Room 109 2400 Wright St, Madison
WI JIC	Aug 2 nd	In Exercise	WI JIC, Davies Center 240 77 Roosevelt Ave, Eau Claire, WI
Forward Operating Center/ Mobile Response Laboratory	Aug 2 nd	In Exercise	555 W Overlook Dr. Ellsworth, WI 54011
Field Teams	Aug 2 nd	In Exercise	555 W Overlook Dr. Ellsworth, WI 54011
Post-Exercise Activities			
Participants' Briefing	Aug 5 th	TBD	TBD
Public/Media Briefing	Aug 5 th	TBD	TBD

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