



FEMA

December 11, 2023

Captain Kevin Sweeney
Deputy State Director of Emergency Management
Emergency Management and Homeland Security Division
Michigan State Police
7150 Harris Drive
Dimondale, MI 48821

Dear Captain Sweeney,

Attached is a copy of the Final After-Action Report/Improvement Plan (AAR/IP) for the 2022 Fermi Nuclear Power Plant Radiological Emergency Preparedness, Full Participation Biennial Exercise conducted on September 20, 2022, and associated out-of-sequence activities conducted on September 15 and 21, October 27, November 7, and December 1 and 6, 2022.

The exercise resulted in no Level 1 Findings, no Level 2 Findings, and no Plan Issues for the State of Michigan and Wayne County. The Exercise resulted in no Level 1 Findings, one Level 2 Finding that was re-demonstrated and corrected on the spot, and no Plan Issues for Monroe County. The Level 2 Finding is officially closed.

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

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

Sincerely,

**THOMAS C
SIVAK**

Digitally signed by
THOMAS C SIVAK
Date: 2023.12.11
16:09:50 -06'00'

Thomas C. Sivak
Regional Administrator

Attachment:
FERMI FPX22 - Final AAR~IP.pdf

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

Final After-Action Report/ Improvement Plan

2022 Fermi Nuclear Power Plant Exercise

Exercise Date – September 20, 2022

Radiological Emergency Preparedness (REP) Program



Fermi Nuclear Power Plant



FEMA

*Final AAR/IP
Published August 22, 2023*

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EXECUTIVE SUMMARY

On September 20, 2022, the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA) Region 5 evaluated a Radiological Emergency Preparedness (REP) Program, Full-Participation, Plume Exposure Pathway Exercise for the Fermi Nuclear Power Plant (FNPP).

The FNPP is located approximately six miles northeast of Monroe, MI; 30 miles southwest of downtown Detroit, Michigan; and 25 miles northeast of downtown Toledo, Ohio. The FNPP 10-mile Plume Exposure Pathway Emergency Planning Zone (EPZ) encompasses part of Monroe and Wayne Counties in Michigan, parts of Lake Erie, and the southern tip of Essex County, (Bay Point) Canada. The major portion of the 10-mile EPZ falls within Monroe County.

The purpose of the exercise was to assess the level of State and local preparedness in responding to an incident at FNPP. This exercise was conducted in accordance with FEMA's policies and guidance concerning the exercise of State and local radiological emergency response plans and procedures. The previous federally evaluated exercise at this site was conducted virtually on May 18 and 19, 2021. The qualifying emergency preparedness exercise was conducted on February 2, 1982.

Officials and representatives from the State of Michigan, the counties of Monroe and Wayne, and DTE Energy, the licensee, participated in this exercise. State and local officials demonstrated knowledge of their emergency response plans and procedures, and successfully implemented them.

The Exercise resulted in no Level 1 Findings, no Level 2 Findings, and no Plan Issues for the State of Michigan and Wayne County. The exercise resulted in no Level 1 Findings, one Level 2 Finding that was re-demonstrated and corrected on the spot, and no Plan Issues for Monroe County. The Level 2 Finding is closed.

The REP Program staff of FEMA Region 5 wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Approximately 400 individuals participated in the offsite portion of the exercise. The professionalism and teamwork of the participants was evident throughout all phases of the exercise.

SECTION 1: Exercise Overview

The U.S. Department of Homeland Security, Federal Emergency Management Agency (DHS/FEMA) responsibilities in radiological emergency planning for fixed nuclear facilities include the following:

- Taking the lead in offsite emergency planning and in the review and evaluation of Radiological Emergency Preparedness (REP) Plans and procedures developed by State and local governments;
- Determining whether such plans and procedures can be implemented on the basis of observation and evaluation of exercises of the plans and procedures conducted by State and Local governments;
- Responding to requests by the U.S. Nuclear Regulatory Commission (NRC) pursuant to the Memorandum of Understanding between the NRC and FEMA dated December 7, 2015 (Federal Register, Vol.82, No.88, May 9, 2017); and
- Coordinating the activities of Federal agencies with responsibilities in the radiological emergency planning process:
 - U.S. Department of Agriculture,
 - U.S. Department of Commerce,
 - U.S. Department of Energy,
 - U.S. Department of Health and Human Services,
 - U.S. Department of Interior,
 - U.S. Department of Transportation,
 - U.S. Environmental Protection Agency,
 - U.S. Food and Drug Administration,
 - U.S. Nuclear Regulatory Commission.

Representatives of these agencies serve on the DHS/FEMA Region 5 Regional Assistance Committee (RAC), which is chaired by DHS/FEMA.

A REP Full-Participation, Plume Exposure Pathway Exercise was conducted on September 20, 2022, and evaluated by the DHS/FEMA to assess the capabilities of State and Local offsite emergency preparedness organizations in implementing their RERPs and procedures to protect the public's health and safety in the event of a radiological emergency at the Fermi Nuclear Power Plant (FNPP). Out-of-sequence activities were conducted on September 15 and 21, October 27, November 7, and December 1 and 6, 2022 in support of this exercise.

The DHS/FEMA Region 5 completed a technical review of the Plume Phase Scenario and Extent-of-Play Agreements submitted by the State of Michigan, and Monroe and Wayne Counties, for the September 20, 2022, Biennial REP Program, Full-Participation, Plume Exposure Pathway Exercise for the Fermi Nuclear Power Plant (FNPP), including the technical scenario, dose assessment material, field data, and extent-of-play submissions by the Michigan Department of Environment, Great Lakes, And Energy (EGLE) for the September 21, 2022 out-of-sequence Field Operations Demonstration.

Results of the technical review of the Plume Pathway Scenario, submitted on August 18, 2022, and the technical scenario, dose assessment material, and field data, submitted on July 15, 2022, and as updated on August 25, 2022, indicated that the scenarios and technical data were adequate to support demonstration of the DHS/FEMA requirements.

Review of the extent-of-play agreements submitted by the State of Michigan on August 28, 2022, for the September 20, 2022, REP Full-Participation, Plume Exposure Pathway Exercise for Fermi and by EGLE

on June 2, 2022, for the September 21, 2022, out-of-sequence Field Operations Demonstration, indicated that the Criteria selected for demonstration were adequate and were therefore approved.

The purpose of this report is to present exercise results and findings related to the performance of the Offsite Response Organizations (OROs) during a simulated radiological emergency. The results and findings are based on the evaluations of the Federal Evaluation Team, with final determinations made by the DHS/FEMA Region 5 RAC Chair and approved by the DHS/FEMA Headquarters.

The criteria utilized in the FEMA evaluation process are contained in:

- NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980; and
- FEMA P-1028 REP Program Manual dated January 2016.

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

Officials and representatives from the State of Michigan, Monroe and Wayne Counties, and DTE Energy, the licensee, participated in this exercise. State and Local officials demonstrated knowledge of their emergency response plans and procedures and successfully implemented them.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Approximately 400 individuals participated in the offsite portion of the exercise, including many FNPP personnel and local volunteers.

1.1 Exercise Details

EXERCISE NAME

2022 Fermi Nuclear Power Plant Radiological Emergency Preparedness (REP), Full-Participation, Plume Exposure Pathway Exercise

TYPE OF EXERCISE

Plume Exposure Pathway

EXERCISE DATE

September 20, 2022

LOCATIONS

See Appendices C and E for a complete list of locations.

SPONSORS

Michigan State Police
Emergency Management and Homeland Security Division
7150 Harris Drive
Dimondale, Michigan

DTE Energy – Fermi Nuclear Power Plant
5998 Enrico Fermi Dr.
Newport, MI

PROGRAM

U.S. Department of Homeland Security/Federal Emergency Management Agency Radiological Emergency Preparedness Program

MISSION

Response

SCENARIO TYPE

Radiological Emergency

1.2 Exercise Planning Team Leadership

Sean O’Leary
Chair, Regional Assistance Committee
Chief, Technological Hazards Branch
DHS/FEMA Region 5
536 South Clark Street
Chicago, Illinois 60605
312-408-5389
sean.oleary@fema.dhs.gov

Carl Bebrich
Exercise Director
DHS/FEMA Region 5
536 South Clark Street
Chicago, Illinois 60605
312-848-0992
carl.bebrich@fema.dhs.gov

Debra Schneck
Michigan Site Specialist
DHS/FEMA Region 5
536 South Clark Street
Chicago, Illinois 60605
202-372-7052
debra.a.schneck@fema.dhs.gov

David Persaud
State of Michigan Team Leader
DHS/FEMA Region 5
536 South Clark Street
Chicago, Illinois 60605
312-208-9574
david.persaud@fema.dhs.gov

Todd Gemskie
Monroe County Team Leader
DHS/FEMA Region 5
536 South Clark Street
Chicago, Illinois 60605
312-505-3485
todd.gemskie@fema.dhs.gov

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James King
Wayne County Team Leader
DHS/FEMA Region 5
536 South Clark Street
Chicago, Illinois 60605
312-408-5585
james.king@fema.dhs.gov

Dale R. George
Training, Exercise & Radiological Unit Manager
Emergency Management and Homeland Security Division
Michigan State Police
7150 Harris Drive
Dimondale, Michigan 48821
517-243-4439
GeorgeD5@michigan.gov

Shasta Cole
Training, Exercise & Radiological Unit
Emergency Management and Homeland Security Division
Michigan State Police
7150 Harris Drive
Dimondale, MI 48821
517-449-5345
ColeS6@michigan.gov

David Asselin, Supervisor
Radiological Protection Section
Radiological Emergency Preparedness Unit
Materials Management Division
Michigan Department of Environment, Great Lakes, and Energy
525 W. Allegan St.
Lansing, MI 48909
517-614-9913
asselind1@michigan.gov

Waylon Sanford
Training, Exercise & Radiological Unit
Emergency Management and Homeland Security Division
Michigan State Police
7150 Harris Drive
Dimondale, MI 48821
517-599-7201
SanfordW@michigan.gov

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John Conlin
Emergency Management Director
Monroe County Emergency Management
987 S. Raisinville Road
Monroe, MI 48161
(734) 240-3135
john_conlin@monroemichigan.org

Samer Jaafar
Director of Homeland Security and Emergency Management
Wayne County
33033 Van Born Road
Wayne, MI 48184
(734) 728-3711
Sjaafar@waynecounty.com

1.3 Participating Organizations

Agencies and organizations of the following jurisdictions participated in the exercise:

STATE OF MICHIGAN

- Attorney General
- Department of Agriculture and Rural Development
- Department of Civil Rights
- Department of Education
- Department of Environment, Great Lakes, and Energy
- Department of Health and Human Services
- Department of Natural Resources
- Department of Technology, Management, and Budget
- Department of Transportation
- Department of Treasury
- Governor's Office
- Michigan State Police
- Michigan State Police Emergency Management & Homeland Security Division
- Military and Veterans Affairs
- National Guard
- Office of Aging and Adult Services
- Office of Talent and Economic Development
- Supreme Court

COUNTY ORGANIZATIONS

Monroe County

- Agriculture (MSU)
- Ambulance/EMS
- Central Dispatch (911 Communications Unit)
- Commission on Aging
- Community Mental Health
- Emergency Management Division
- Fire Association
- Fire Department
 - Adrian
 - Bedford
 - Flat Rock
 - Frenchtown
- Health and Human Services
- Health Department
- Health Department Radiological
- Huron Township CERT
- Lake Erie Transit
- Oakland Emergency Management Division
- Opportunity Program
- Planning/GIS/IT

Police
Public Safety
Public Schools
Road Commission
Sheriff's Office

Wayne County

Department of Health and Human Services
Department of Public Services
Emergency Management
Fire Department
 City of Flat Rock
 Dearborn
Health and Emergency Services
Police Department
 City of Gibraltar
 Brownstown
 Rockwood Township
Public Schools
Sheriff's Office
Social Services

FEDERAL ORGANIZATIONS

Department of Energy
Department of Federal Emergency Management Agency/Department of Homeland Security
National Weather Service
U.S. Nuclear Regulatory Commission

NON-PROFIT ORGANIZATIONS

Amateur Radio Public Safety Corporation
American Red Cross
Region 2 South Healthcare Coalition
Salvation Army
Wayne County Amateur Radio Club

PRIVATE ORGANIZATIONS

AT&T First Net
Corewell Health Trenton Hospital (formerly Beaumont Hospital)
DTE Energy
Monroe County Ambulance Service
Promedica Monroe Hospital

SECTION 2: Exercise Design Summary

2.1 Exercise Purpose and Design

The U.S. Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) administers the Radiological Emergency Preparedness (REP) Program pursuant to the regulations found in Title 44 Code of Federal Regulation (CFR) parts 350, 351, and 352. Title 44 CFR Part 350 names 16 planning standards that form the basis for radiological emergency response planning for state, tribal, and local governments impacted by the Emergency Planning Zones established for each nuclear power plant site in the United States. Title 44 CFR Part 350 sets forth the mechanisms for the formal review and approval of state, tribal, and local government radiological emergency response plans and procedures by DHS/FEMA. One of the REP Program requirements established by these regulations is the biennial exercise of offsite response capabilities. During these exercises, DHS/FEMA evaluates state, tribal, and local government plans, procedures, and actions to protect the health and safety of the public in the event of a radiological emergency at the nuclear plant.

The DHS/FEMA provides a statement with the transmission of this Final After-Action Report/Improvement Plan to the U.S. Nuclear Regulatory Commission that the affected state, tribal, and local 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 emergency; and (2) capable of being implemented. The report and statement are based on the results of this exercise, review of the radiological emergency response plans and procedures, and verification of the periodic requirements set forth in *"Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980* (NUREG-0654/FEMA-REP-1, Rev.1) through the annual letter of certification and staff assistance visits.

2.2 FEMA Core Capabilities and Exercise Objectives

Planning based on Core Capabilities allows for exercise planning teams to develop exercise objectives and observe exercise outcomes through a framework of specific action items. Using the Homeland Security Exercise and Evaluation Program methodology, the exercise objectives meet the Radiological Emergency Preparedness Program requirements and encompass the emergency preparedness evaluation areas. The critical tasks to be demonstrated were negotiated with the State of Michigan and Monroe and Wayne Counties. The Core Capabilities demonstrated during this exercise were:

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. Mobilize all critical resources and establish command, control, and coordination structures within the affected community, in other coordinating bodies in surrounding communities, and across the Nation, and maintain as needed throughout the duration of an incident. Enhance and maintain command, control, and coordination structures consistent with the National Incident Management System to meet basic human needs, stabilize the incident, and transition to recovery.

Situational Assessment: 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. Deliver information sufficient to inform decision-making regarding immediate lifesaving and life-sustaining activities, and

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engage governmental, private, and civic sector resources within and outside of the affected area to meet basic human needs and stabilize the incident. Deliver enhanced information to reinforce ongoing lifesaving and life-sustaining activities, and engage governmental, private, and civic sector resources within and outside of the affected area to meet basic human needs, stabilize the incident, and transition to recovery.

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. Inform all affected segments of society of critical lifesaving and life-sustaining information by all means necessary, including accessible tools, to expedite the delivery of emergency services and aid the public to take protective actions. Deliver credible and actionable messages to inform ongoing emergency services and the public about protective measures and other life-sustaining actions and facilitate the transition to recovery.

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. Identify, assess, and mitigate worker health and safety hazards, and disseminate health and safety guidance and resources to response and recovery workers. Minimize public exposure to environmental hazards through assessment of the hazards and implementation of public protective actions. Detect, assess, stabilize, and clean up releases of oil and hazardous materials into the environment, including buildings/structures, and properly manage waste. Identify, evaluate, and implement measures to prevent and minimize impacts to the environment, natural and cultural resources, and historic properties from all-hazard emergencies and response operations.

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. Establish a safe and secure environment in an affected area. Provide and maintain on-scene security and meet the protection needs of the affected population over a geographically dispersed area while eliminating or mitigating the risk of further damage to persons, property, and the environment.

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. Establish physical access through appropriate transportation corridors and deliver required resources to save lives and to meet the needs of disaster survivors. Ensure basic human needs are met, stabilize the incident, transition into recovery for an affected area, and restore basic services and community functionality. Clear debris from any route type (i.e., road, rail, airfield, port facility, waterway) to facilitate response operations.

Mass Care Services: Provide life-sustaining and human services to the affected population, to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies. Move and deliver resources and capabilities to meet the needs of disaster survivors, including individuals with access and functional needs. Establish, staff, and equip emergency shelters and other temporary housing options (including accessible housing) for the affected population. Move from congregate care to non-congregate care alternatives and provide relocation assistance or interim housing solutions for families unable to return to their pre-disaster homes.

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, medical and behavioral health support, and products to all affected populations.

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Deliver medical countermeasures to exposed populations. Complete triage and initial stabilization of casualties and begin definitive care for those likely to survive their injuries and illnesses. Return medical surge resources to pre-incident levels, complete health assessments, and identify recovery processes.

Operational Communications: 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. Ensure the capacity to communicate with both the emergency response community and the affected populations and establish interoperable voice and data communications between Federal, Tribal, state, and local first responders.

Infrastructure Systems: Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community. Re-establish critical infrastructure within the affected areas to support ongoing emergency response operations, life sustainment, community functionality, and a transition to recovery. Provide for the clearance, removal, and disposal of debris. This core capability includes the capability to address roadway impediments due to landslides and other events that impair/impede safe evacuation of the public.

The Core Capabilities and their associated Evaluation Criteria, selected for demonstration by the jurisdictions, establish the assessment objectives for the exercise. These Core Capabilities, when successfully demonstrated, meet the exercise objectives.

The objectives for this exercise were as follows:

Objective 1: Demonstrate the ability to provide direction and control and make protective action decisions through the state emergency operations centers, county emergency operations centers, and field activities by exercise play and discussion of plans and procedures.

Objective 2: Demonstrate the ability to provide protective action decisions affecting state and county emergency workers and the public through exercise play and discussion of plans and procedures.

Objective 3: Demonstrate the ability to implement protective actions for state and county emergency workers and the public through exercise play and discussion of plans and procedures.

Objective 4: Demonstrate the ability to activate the prompt alert and notification system utilizing the primary notification system and the emergency alert system through exercise play and discussion of plans and procedures.

Objective 5: Demonstrate the effectiveness of plans, policies, and procedures in the joint information centers and the joint information system for public and private sector emergency information communications through exercise play and discussion of plans and procedures.

Objective 6: Demonstrate the ability to monitor, Decontamination, register, and shelter evacuees through exercise play and discussion of plans and procedures.

Objective 7: Demonstrate the ability to provide dose projection and protective action decision making for the plume phase.

Objective 8: Demonstrate the capacity for timely communications in support of security, situational awareness, and operations in accordance with the plan, procedures, and Extent-of-Play Agreement, among and between affected communities in the impact area and all response forces.

Objective 9: Demonstrate the capacity to stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient

community. Demonstrate the capacity to 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.

Collectively, the jurisdictions successfully demonstrated these nine Objectives and the associated Core Capabilities and Evaluation Criteria selected in accordance with NUREG-0654/FEMA-REP-1 and the REP Program Manual (FEMA P-1028, dated January 2016).

SECTION 3: Analysis of Capabilities

3.1 Summary Results of Exercise Evaluation

This section provides a combined assessment of state and local jurisdictions based upon their collective demonstrated performance under the core capabilities associated with the exercise evaluation criteria described in Appendix E: Extent-of-Play Agreements. It employs an integration of the Homeland Security Exercise Evaluation Program and Radiological Emergency Preparedness (REP) Program evaluation methodologies – an analytical process used to assess the demonstration of specific capabilities during an exercise. A capability provides a means to perform one or more critical tasks under specified conditions and to specific performance standards. Core capabilities form the foundation of the National Preparedness System. The REP Program evaluation criteria provide the conditions and performance standards for establishing reasonable assurance that State and Local authorities can protect public health and safety in response to a nuclear power plant accident.

An overall summary of demonstrated capabilities is presented in Tables 3.2.1, 3.2.2, 3.2.3, and 3.2.4 of this report. Criteria-specific summaries of exercise evaluation results are presented in Section 3.3. The organizations, locations, and evaluation criteria selected by the State of Michigan, and Monroe and Wayne Counties, are described in Appendix E, Extent-of-Play Agreements, which were approved by DHS/FEMA on September 1, 2022.

The results of the assessment are summarized below by Core Capability, as demonstrated during the September 20, 2022, Fermi Nuclear Power Plant (FNPP) REP Full-Participation, Plume Exposure Pathway Exercise, and the out-of-sequence demonstrations conducted on September 15 and 21, October 27, November 7, and December 1 and 6, 2022.

Operational Coordination: Key leadership personnel established and maintained a unified and coordinated operational structure which provided effective and responsive command, direction and control and coordination within and between the affected jurisdictions to meet basic human needs and stabilize the incident. Critical stakeholders were appropriately integrated within the overall decision-making process, which enabled protective action recommendations to be evaluated in an appropriate and timely manner. This process included input from relevant critical stakeholders and support personnel and took into account the safety and well-being of emergency workers and the general public and protecting property and infrastructure. Protective action decisions were made without undue delay.

Situational Assessment: Decision makers were provided with decision-relevant information regarding the nature and extent of the simulated radiological and other hazards, any cascading effects, and the status of the response. The Michigan State Police, Emergency Management and Homeland Security Division, Radiological Technical Support Unit, demonstrated proficiency in the use of dose assessment software to calculate dose projections independent of the FNPP dose projections. The staff calculated hypothetical dose projections based on plant conditions, possible release scenarios, and controller-injected field monitoring team data. Leadership was prepared to gather and deliver enhanced information to reinforce lifesaving and life-sustaining activities, if needed, and engage governmental and private sector resources within and outside of the affected area to meet basic human needs and stabilize the incident, as necessary.

Public Information and Warning: The jurisdictions, as a whole, demonstrated the ability to deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear,

consistent and accessible means. Alert and notification of the public and media were completed in a timely manner via the Integrated Public Alert and Warning System (IPAWS), including the simulated activation of Wireless Emergency Alert (WEA) messaging, Emergency Alert System (EAS) messaging, warning in state parks, news releases, and media briefings. The simulated release of information was consistent with protective action decisions and contained applicable and specific instructions relative to those decisions.

Environmental Response/Health and Safety: Appropriate measures were taken to ensure the protection of the health and safety of the public and workers, as well as the environment in support of responder operations and the affected communities. The availability of guidance and resources to address hazardous radiological materials was integrated in support of responder operations and the affected communities. Leadership identified, assessed, and mitigated worker health and safety hazards and disseminated health and safety guidance and resources to responders in accordance with the scenario, plans and procedures, and the extent-of-play agreements.

On-Scene Security and Protection: State and local law enforcement agencies demonstrated the capability to 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 who could have been directed to engage in lifesaving and life-sustaining operations. The implementation of traffic and access control was appropriately assessed and coordinated in a timely manner. On-scene security at Emergency Operations Centers, schools, reception centers and other facilities met protection requirements and eliminated or mitigated the risk of damage to persons, property, and the environment.

Critical Transportation: Officials demonstrated the capability to provide 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. School officials effectively demonstrated the ability to implement protective actions for affected local schools.

Public Health, Healthcare, and Medical Services: Qualified medical personnel successfully demonstrated the ability to provide targeted public health and medical support and products to potentially contaminated individuals and deliver medical countermeasures to exposed populations.

Operational Communications: Each applicable organization and location demonstrated the capacity for timely communications in support of security, situational awareness, and operations by primary and backup means, the ability to communicate with both the emergency response community and the affected populations, and to establish interoperable communications between Federal, State, and local response groups and locations, and among affected communities in the impact area.

Infrastructure Systems: Officials demonstrated the capability to stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore systems and services. The State of Michigan, and Monroe and Wayne Counties, demonstrated the capability to address roadway impediments due to road blockages and other events that would impair or impede the safe evacuation of the public.

3.2 Exercise Evaluation and Result

This section contains the results and findings of the evaluation of all jurisdictions and functional entities that participated in the September 20, 2022, Full-Participation, Plume Exposure Pathway Exercise, and out-of-sequence interviews and demonstrations.

Each jurisdiction and functional entity were evaluated based on their demonstration of Core Capabilities and their equivalent REP Evaluation Criteria, as delineated in the Federal Emergency Management Agency

REP Program Manual, dated January 2016. Exercise criteria are listed by number, and the demonstration status of those criteria are indicated by the use of the following terms:

- **Met (M):** The jurisdiction or functional entity performed all activities under the criterion 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 criterion 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.

Table 3.2.1 Summary of Exercise Evaluation – State of Michigan In-Sequence Activities

DATE: September 20, 2022 SITE: Fermi Nuclear Power Plant M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue	Criterion	Initial Notification Point MIOC	Incident Management Group	State EOC	SEOC Technical Support Unit (TSU)	Joint Information Center	State Liaison – MC EOC
Emergency Operations Management							
Mobilization	1a1	M		M		M	M
Facilities	1b1					M	
Direction and Control	1c1			M		M	M
Communications Equipment	1d1	M		M		M	
Equipment and Supplies to Support Operations	1e1			M		M	
Protective Action Decision-Making							
EW Exposure Control Decisions	2a1		M		M		
PARs	2b1				M		
PADs	2b2		M		M		
PADs for Disabled/Functional Needs	2c1		M		M		
Ingestion PADs	2d1						
RRR Decisions	2e1						
Protective Action Implementation							
EW Exposure Control Implementation	3a1						
KI Public/Institutionalized	3b1			M			
PAD Implementation Disabled/Functional Needs	3c1						
PAD Implementation Schools	3c2						
TACP Establishment	3d1				M		
Impediments	3d2						
Implement Ingestion PADs	3e1						
Ingestion Pathway Decisions	3e2						
Implementation of RRR Decisions	3f1						
Field Measurement and Analysis							
RESERVED	4a1						
Field Team Management	4a2						
Field Team Operations	4a3						
Field Team Sampling	4b1						
Laboratory Operations	4c1						
Emergency Notification and Public Info							
Initial Alert & Notification	5a1			M			M
RESERVED	5a2						
Backup Alert & Notification	5a3						
Exception Area Alerting	5a4						
Subsequent Information & Instructions	5b1			M		M	
Support Operations and Facilities							
Reception Center Operations	6a1						
EW Monitoring & Decontamination	6b1						
Congregate Care	6c1						
Contaminated Injured Transport & Care	6d1						

Table 3.2.2 Summary of Exercise Evaluation – State of Michigan Out-of-Sequence Activities

DATE: September 21, 2022 SITE: Fermi Nuclear Power Plant M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue	Criterion	Field Team Center	Field Team #1	Field Team #2	EGLEW Mon/Decontamination	EGLEW Veh/Equip Mon/Decontamination	Worker Decontamination Center
Emergency Operations Management							
Mobilization	1a1	M					M
Facilities	1b1	M					M
Direction and Control	1c1		M	M			M
Communications Equipment	1d1	M	M	M	M	M	
Equipment and Supplies to Support Operations	1e1	M	M	M	M	M	
Protective Action Decision-Making							
EW Exposure Control Decisions	2a1						
PARs	2b1						
PADs	2b2						
PADs for Disabled/Functional Needs	2c1						
Ingestion PADs	2d1						
RRR Decisions	2e1						
Protective Action Implementation							
EW Exposure Control Implementation	3a1	M	M	M	M	M	
KI Public/Institutionalized	3b1						
PAD Implementation Disabled/Functional Needs	3c1						
PAD Implementation Schools	3c2						
TACP Establishment	3d1						
Impediments	3d2						
Implement Ingestion PADs	3e1						
Ingestion Pathway Decisions	3e2						
Implementation of RRR Decisions	3f1						
Field Measurement and Analysis							
RESERVED	4a1						
Field Team Management	4a2	M					
Field Team Operations	4a3		M	M			
Field Team Sampling	4b1						
Laboratory Operations	4c1						
Emergency Notification and Public Info							
Initial Alert & Notification	5a1						
RESERVED	5a2						
Backup Alert & Notification	5a3						
Exception Area Alerting	5a4						
Subsequent Information & Instructions	5b1						
Support Operations and Facilities							
Reception Center Operations	6a1						
EW Monitoring & Decontamination	6b1				M	M	
Congregate Care	6c1						
Contaminated Injured Transport & Care	6d1						

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Table 3.2.3 Summary of Exercise Evaluation – Monroe County Activities

SITE: Fermi Nuclear Power Plant M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue	Criterion	Initial Notification Point	Monroe County EOC	Monroe County at JIC	Public Inquiry Hotline	Monroe County Public Schools	Promedica Monroe Hospital	Monroe County Ambulance Service
Emergency Operations Management								
Mobilization	1a1	M	M	M				
Facilities	1b1		M					
Direction and Control	1c1		M	M	M			
Communications Equipment	1d1	M	M	M	M			
Equipment and Supplies to Support Operations	1e1		M		M		M	M
Protective Action Decision-Making								
EW Exposure Control Decisions	2a1							
PARs	2b1							
PADs	2b2							
PADs for Disabled/Functional Needs	2c1							
Ingestion PADs	2d1							
RRR Decisions	2e1							
Protective Action Implementation								
EW Exposure Control Implementation	3a1		M				M	M
KI Public/Institutionalized	3b1		M					
PAD Implementation Disabled/Functional Needs	3c1							
PAD Implementation Schools	3c2		M			M		
TACP Establishment	3d1		M					
Impediments	3d2		M					
Implement Ingestion PADs	3e1							
Ingestion Pathway Decisions	3e2							
Implementation of RRR Decisions	3f1							
Field Measurement and Analysis								
RESERVED	4a1							
Field Team Management	4a2							
Field Team Operations	4a3							
Field Team Sampling	4b1							
Laboratory Operations	4c1							
Emergency Notification and Public Info								
Initial Alert & Notification	5a1		M					
RESERVED	5a2							
Backup Alert & Notification	5a3							
Exception Area Alerting	5a4							
Subsequent Information & Instructions	5b1		M	M	M			
Support Operations and Facilities								
Reception Center Operations	6a1							
EW Monitoring & Decontamination	6b1							
Congregate Care	6c1							
Contaminated Injured Transport & Care	6d1						M	M

Table 3.2.4 Summary of Exercise Evaluation – Wayne County Activities

<div>SITE: Fermi Nuclear Power Plant</div> <div>M: Met</div> <div>L1: Level 1 Finding</div> <div>L2: Level 2 Finding</div> <div>P: Plan Issue</div>	Criterion	Initial Notification Point	Wayne County EOC	Wayne County at JIC	Gibraltar Schools	Flat Rock Schools	Corewell Health Trenton Hospital	Monroe County Ambulance Service
Emergency Operations Management								
Mobilization	1a1	M	M	M				
Facilities	1b1							
Direction and Control	1c1		M	M				
Communications Equipment	1d1	M	M	M				
Equipment and Supplies to Support Operations	1e1		M	M			M	M
Protective Action Decision-Making								
EW Exposure Control Decisions	2a1							
PARs	2b1							
PADs	2b2							
PADs for Disabled/Functional Needs	2c1							
Ingestion PADs	2d1							
RRR Decisions	2e1							
Protective Action Implementation								
EW Exposure Control Implementation	3a1						M	M
KI Public/Institutionalized	3b1		M					
PAD Implementation Disabled/Functional Needs	3c1							
PAD Implementation Schools	3c2		M		M	M		
TACP Establishment	3d1		M					
Impediments	3d2		M					
Implement Ingestion PADs	3e1							
Ingestion Pathway Decisions	3e2							
Implementation of RRR Decisions	3f1							
Field Measurement and Analysis								
RESERVED	4a1							
Field Team Management	4a2							
Field Team Operations	4a3							
Field Team Sampling	4b1							
Laboratory Operations	4c1							
Emergency Notification and Public Info								
Initial Alert & Notification	5a1		M					
RESERVED	5a2							
Backup Alert & Notification	5a3							
Exception Area Alerting	5a4							
Subsequent Information & Instructions	5b1		M	M				
Support Operations and Facilities								
Reception Center Operations	6a1							
EW Monitoring & Decontamination	6b1							
Congregate Care	6c1							
Contaminated Injured Transport & Care	6d1						M	M

3.3 Jurisdictional Summary of Exercise Results

The following sections present a summary of narrative summaries that described observations made during the exercise pursuant to the Evaluation Criteria and Core Capabilities demonstrated at each jurisdiction's response locations. Narrative summaries were organized by Jurisdiction, Location, and Evaluation Criterion, as discussed in Appendix E, Extent-of-Play Agreements. Results of assessments are summarized in Tables 3.2.1, 3.2.2, 3.2.3, and 3.2.4.

3.3.1 State of Michigan Demonstrations

3.3.1.1 Initial Notification Point / Michigan Intelligence Operations Center Warning Point

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.1.2 Incident Management Group

Criterion 2.a.1 – Emergency Worker Exposure Control Decisions**Core Capability: Operational Coordination****Core Capability: Environmental Response/Health and Safety****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 2.b.2 – Protective Action Decisions**Core Capability: Environmental Response/Health and Safety****Core Capability: Intelligence and Information Sharing****Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 2.c.1 – Protective Action Decisions for Disabled/Functional Needs**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.1.3 State Emergency Operations Center (SEOC)

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control

Core Capability: Operational Communications

Core Capability: Operational Coordination

Core Capability: Situational Assessment

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment**Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.b.1 – KI for the General Public and Institutionalized Populations**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination****Core Capability: Public and Private Services and Resources****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.

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- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.a.1 – Initial Alert and Notification

Core Capability: Operational Communications

Core Capability: Operational Coordination

Core Capability: Public Information and Warning

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.b.1 – Public Information and Instructions

Core Capability: Operational Communications

Core Capability: Public Information and Warning

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.1.4 SEOC Technical Support Unit

Criterion 2.a.1 – Emergency Worker Exposure Control Decisions**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 2.b.1 – Protective Action Recommendations**Core Capability: Environmental Response/Health and Safety****Core Capability: Intelligence and Information Sharing****Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 2.b.2 – Protective Action Decisions**Core Capability: Environmental Response/Health and Safety****Core Capability: Intelligence and Information Sharing****Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

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In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 2.c.1 – Protective Action Decisions for Disabled/Functional Needs
Core Capability: Operational Communications
Core Capability: Operational Coordination
Core Capability: Situational Assessment

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.d.1 – Traffic and Access Control Points Establishment
Core Capability: Critical Transportation
Core Capability: On-Scene Security and Protection
Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE

- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.1.5 Joint Information Center

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.b.1 – Facilities

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control

Core Capability: Operational Communications

Core Capability: Operational Coordination

Core Capability: Situational Assessment

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment
Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations
Core Capability: Environmental Response/Health and Safety
Core Capability: Mass Care Services
Core Capability: Public and Private Services and Resources
Core Capability: Public Health and Medical Services

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.b.1 – Public Information and Instructions**Core Capability: Operational Communications****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.1.6 State Liaison – Monroe County Emergency Operations Center (EOC)**Criterion 1.a.1 – Mobilization****Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE

- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.a.1 – Initial Alert and Notification**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.1.7 State Liaison – Wayne County EOC**Criterion 1.a.1 – Mobilization****Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.a.1 – Initial Alert and Notification**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.2 State of Michigan Out-of-Sequence Demonstrations

3.3.2.1 Field Team Center

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.b.1 – Facilities

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE

- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 4.a.2 – Field Team Management**Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.2.2 Field Team No. 1**Criterion 1.c.1 – Direction and Control****Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment**Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE

- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 4.a.3 – Field Team Operations**Core Capability: Environmental Response/Health and Safety**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.2.3 Field Team No. 2**Criterion 1.c.1 – Direction and Control****Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment**Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE

- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 4.a.3 – Field Team Operations**Core Capability: Environmental Response/Health and Safety**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.2.4 Emergency Worker Monitoring/Decontamination**Criterion 1.d.1 – Communications Equipment****Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE

- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 6.b.1 – Emergency Worker Monitoring and Decontamination**Core Capability: Environmental Response/Health and Safety**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.2.5 Emergency Worker Vehicle and Equipment Monitoring/Decontamination

Criterion 1.d.1 – Communications Equipment

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations

Core Capability: Environmental Response/Health and Safety

Core Capability: Mass Care Services

Core Capability: Public and Private Services and Resources

Core Capability: Public Health and Medical Services

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation

Core Capability: Environmental Response/Health and Safety

Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.

- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 6.b.1 – Emergency Worker Monitoring and Decontamination
Core Capability: Environmental Response/Health and Safety

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.2.6 Worker Decontamination Center

Criterion 1.a.1 – Mobilization
Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.b.1 – Facilities

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control

Core Capability: Operational Communications

Core Capability: Operational Coordination

Core Capability: Situational Assessment

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the State of Michigan is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.3 Monroe County Demonstrations

3.3.3.1 Initial Notification Point

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.3.2 Monroe County EOC

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.

- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.b.1 – Facilities

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control

Core Capability: Operational Communications

Core Capability: Operational Coordination

Core Capability: Situational Assessment

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment**Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation**Core Capability: Operational Coordination****Core Capability: Environmental Response/Health and Safety**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE

- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.b.1 – KI for the General Public and Institutionalized Populations**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination****Core Capability: Public and Private Services and Resources****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.c.2 – EV-2 School Precautionary/Protective Actions**Core Capability: Critical Transportation****Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

UNCLASSIFIED
Radiological Emergency Preparedness (REP) Program

Final After-Action Report/Improvement Plan

Fermi Nuclear Power Plant

Criterion 3.d.1 – Traffic Access and Control Points Establishment
Core Capability: Critical Transportation
Core Capability: On-Scene Security and Protection
Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.d.2 – Impediments
Core Capability: Critical Transportation
Core Capability: Infrastructure Systems
Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.a.1 – Initial Alert and Notification
Core Capability: Operational Communications
Core Capability: Operational Coordination
Core Capability: Public Information and Warning

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.

- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.b.1 – Public Information and Instructions**Core Capability: Operational Communications****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.3.3 Monroe County at Joint Information Center**Criterion 1.a.1 – Mobilization****Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment**Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.b.1 – Public Information and Instructions**Core Capability: Operational Communications****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE

- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.3.4 Monroe County Emergency Management Public Inquiry Hotline

Criterion 1.c.1 – Direction and Control

Core Capability: Operational Communications

Core Capability: Operational Coordination

Core Capability: Situational Assessment

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.b.1 – Public Information and Instructions**Core Capability: Operational Communications****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.4 Monroe County Out-of-Sequence Demonstrations

3.3.4.1 Monroe County Public Schools

Criterion 3.c.2 – EV-2 School Interview**Core Capability: Critical Transportation****Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.4.2 Promedica Monroe Hospital

Criterion 1.e.1 – Equipment and Supplies to Support Operations**Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation
Core Capability: Environmental Response/Health and Safety
Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 6.d.1 – Transportation and Treatment of Contaminated Injured Individuals
Core Capability: Environmental Response/Health and Safety
Core Capability: Public Health and Medical Services
Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.4.3 Monroe County Ambulance Service (Promedica Monroe Hospital)

Criterion 1.e.1 – Equipment and Supplies to Support Operations
Core Capability: Environmental Response/Health and Safety
Core Capability: Mass Care Services
Core Capability: Public and Private Services and Resources
Core Capability: Public Health and Medical Services

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 6.d.1 – Transportation and Treatment of Contaminated Injured Individuals**Core Capability: Environmental Response/Health and Safety****Core Capability: Public Health and Medical Services****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Monroe County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.5 Wayne County Demonstrations

3.3.5.1 Initial Notification Point

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.5.2 Wayne County EOC

Criterion 1.a.1 – Mobilization

Core Capability: Operational Communications

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.

- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.d.1 – Communications Equipment**Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.e.1 – Equipment and Supplies to Support Operations
Core Capability: Environmental Response/Health and Safety
Core Capability: Mass Care Services
Core Capability: Public and Private Services and Resources
Core Capability: Public Health and Medical Services

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.b.1 – KI for the General Public and Institutionalized Populations
Core Capability: Environmental Response/Health and Safety
Core Capability: Operational Coordination
Core Capability: Public and Private Services and Resources
Core Capability: Public Information and Warning

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.c.2 – Protective Action Decisions Implementation Schools
Core Capability: Operational Coordination
Core Capability: Critical Transportation
Core Capability: Environmental Response/Health and Safety

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.d.1 – Traffic Access and Control Points Establishment**Core Capability: Critical Transportation****Core Capability: On-Scene Security and Protection****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.d.2 – Impediments**Core Capability: Critical Transportation****Core Capability: Infrastructure Systems****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.a.1 – Initial Alert and Notification**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.b.1 – Public Information and Instructions**Core Capability: Operational Communications****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.5.3 Wayne County at Joint Information Center**Criterion 1.a.1 – Mobilization****Core Capability: Operational Communications**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE

- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 1.c.1 – Direction and Control**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Situational Assessment**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 5.a.1 – Initial Alert and Notification**Core Capability: Operational Communications****Core Capability: Operational Coordination****Core Capability: Public Information and Warning**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.6 Wayne County Out-of-Sequence Demonstrations

3.3.6.1 Gibraltar School District

Criterion 3.c.2 – EV-2 School Interview**Core Capability: Critical Transportation****Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.6.2 Flat Rock Community Schools

Criterion 3.c.2 – EV-2 School Interview**Core Capability: Critical Transportation****Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.6.3 Corewell Health Trenton Hospital (formerly, Beaumont Hospital)**Criterion 1.e.1 – Equipment and Supplies to Support Operations****Core Capability: Environmental Response/Health and Safety****Core Capability: Mass Care Services****Core Capability: Public and Private Services and Resources****Core Capability: Public Health and Medical Services**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation**Core Capability: Environmental Response/Health and Safety****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 6.d.1 – Transportation and Treatment of Contaminated Injured Individuals**Core Capability: Environmental Response/Health and Safety****Core Capability: Public Health and Medical Services****Core Capability: Operational Coordination**

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.

- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

3.3.6.4 Monroe County Ambulance Service (Corewell Health Trenton Hospital)

Criterion 1.e.1 – Equipment and Supplies to Support Operations

Core Capability: Environmental Response/Health and Safety

Core Capability: Mass Care Services

Core Capability: Public and Private Services and Resources

Core Capability: Public Health and Medical Services

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 3.a.1 – Emergency Worker Exposure Control Implementation

Core Capability: Environmental Response/Health and Safety

Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

Criterion 6.d.1 – Transportation and Treatment of Contaminated Injured Individuals

Core Capability: Environmental Response/Health and Safety

Core Capability: Public Health and Medical Services

Core Capability: Operational Coordination

In summary, the status of DHS/FEMA-evaluated core capabilities and criteria for the Wayne County is as follows:

- a. MET: All Core Capabilities and Evaluation Criteria identified in the DHS/FEMA-approved extent-of-play agreement.
- b. LEVEL 1 FINDINGS: NONE
- c. LEVEL 2 FINDINGS: NONE
- d. PLAN ISSUES: NONE
- e. PRIOR ISSUES – RESOLVED: NONE
- f. PRIOR ISSUES – UNRESOLVED: NONE

SECTION 4: Conclusion

The DHS/FEMA assesses offsite response organization preparedness on an ongoing basis which meets the intent of the 44 CFR §350 planning standards and, through the assessment of selected core capabilities, the National Preparedness Goal.

The analysis of capabilities in Section 3 described the State of Michigan offsite response capabilities. Overall, the exercise was a success. The demonstration-based assessment activities evaluated by core capabilities, objectives, and evaluation criteria were successfully demonstrated, with the exception of the Level 2 Finding in Monroe County. The evaluation criterion was re-demonstrated and corrected on the spot. All offsite response organizations demonstrated knowledge of their emergency response plans and procedures, and successfully demonstrated the ability to protect the health and safety of the public in the event of an incident involving the Fermi Nuclear Power Station.

As noted in the summary tables in Section 3.2 of this report, the State of Michigan and the Counties of Monroe and Wayne selected 20 Criteria for demonstration. Some Radiological Emergency Preparedness (REP) Demonstration Criteria were not selected because either these Criteria had already been successfully demonstrated during the current 8-year Demonstration Cycle or they were not applicable.

The U.S. Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) Evaluation Team identified no Level 1 Findings, no Level 2 Findings, and no Plan Issues for the State of Michigan and Wayne County during the 2022 Fermi Nuclear Power Plant REP, Full-Participation, Plume Exposure Pathway Exercise and its associated out-of-sequence demonstrations. The exercise also resulted in no Level 1 Findings and no Plan Issues for Monroe County.

One Level 2 Finding (23-22-3.a.1-L2-01) was identified for Monroe County under Criterion 3.a.1 and successfully redemonstrated in accordance with the plan, procedures, and extent-of-play agreement. Therefore, Criterion 3.a.1 was considered Met (as shown in Table 3.2.3), and Finding 23-22-3.a.1-L2-01 is officially closed.

Based on the results of this exercise and DHS/FEMA's review of the 2022 Annual Letter of Certification submitted by the State of Michigan, the offsite radiological emergency response plans and preparedness of the State of Michigan and the affected local jurisdictions site-specific to the Fermi Nuclear Power Station can be implemented. They are adequate to provide reasonable assurance that appropriate measures can be taken offsite to protect the health and safety of the public in the event of an emergency at the site. The Title 44 CFR, Part §350 approval of the offsite radiological emergency response plans and preparedness site-specific to the Fermi Nuclear Power Station will remain in effect.

APPENDIX A: Improvement Plan

The purpose of the 2023 D.C. Cook Nuclear Plant REP Full-Participation, Plume Exposure Pathway Exercise was to test the offsite emergency response capabilities of State and local governments within the 10-mile Emergency Planning Zone surrounding the Fermi Nuclear Power Plant (FNPP) and to recommend corrective actions and a schedule for corrective actions, if necessary.

The DHS/FEMA evaluation team identified one Level 2 Finding (23-22-3.a.1-L2-01) for Monroe County. The Level 2 Finding (summarized below) concerned radiological exposure limits. Criterion 3.a.1 was successfully redemonstrated during the exercise. Remedial training and redemonstration successfully resolved Finding 23-22-3.a.1-L2-01 on September 20, 2022, prior to conclusion of the overall activity, and Criterion 3.a.1 was therefore Met. Consequently, the issue identified was classified as a Level 2 Finding that was immediately corrected. The Level 2 Finding is officially closed.

Finding 23-22-3.a.1-L2-01

Description

One objective of the MS-1 Drill was to demonstrate the capability to manage radiological exposure to emergency workers in accordance with the plans and procedures at the ProMedica Monroe Regional Hospital. It was expected that the Monroe Community Ambulance Emergency Medical Services (EMS) personnel would be able to describe their correct dose/exposure limits and/or turn back values so as to maintain proper emergency worker exposure control in accordance with the plans and procedures. Two staff were interviewed during the demonstration. The Evaluator posed questions to clarify whether the EMS emergency workers were aware of their dose/exposure limits and/or turn back values according to the plans and procedures.

Condition

A potentially contaminated individual had been loaded into the ambulance, and the EMS crew was waiting for the hospital staff to complete preparations for arrival of the individual. The Evaluator and Controller agreed that it would be an appropriate time to interview the EMS Staff on radiation control methods concerning dosimetry, dose/exposure limits, turn back values, and the use of potassium iodide.

During the interview, the Evaluator recognized that there was uncertainty on the initial answer to dose/exposure limit and turn back values. The EMS crew made no mention of the 1 R reporting value, as noted in their procedures, and that would occur well before the 25 rem value (or 5 R in this case), as stated by the EMS crew. When the EMS Supervisor reinforced the answer of 25 rem, the evaluator asked additional questions to help the EMS Staff clarify their answer, because although not technically incorrect, the crew did not address lower exposure/dose limits that could help them avoid a greater level of exposure or dose. Also, due to their unfamiliarity of the direct-read-dosimetry and hesitancy in their answers to the additional follow-up questions, the Evaluator conferred with the Controller to recommend that retraining and redemonstration be conducted. The Controller concurred.

Possible Cause

Due to the out-of-sequence nature of the evaluation and the language in the extent of play agreement, the briefing that the emergency workers would have normally received in a real event or during an in-sequence evaluation was not conducted and therefore caused the lack of knowledge of the emergency worker staff concerning dose/exposure limits and/or turn back values.

Reference

Emergency Worker Dosimetry Instruction/Report Form (In dosimetry kits)

State of Michigan Administrative Limits (Turn Back Values) For Emergency Workers (In dosimetry kits)

Effect

The EMS crew members could have received a radiation dose higher than allowed in the plans and procedures.

Corrective Action Demonstrated

Due to the long pauses, the lack of knowledge on how to read values from their Direct-Reading-Dosimeters, the answer to the first question asked by the Evaluator, and the answers (or lack of answers) provided by the EMS emergency workers on the follow-up questions, the Evaluator requested a retraining and re-demonstration of the knowledge of emergency worker dose/exposure limits and/or turn back values. The Controller concurred.

The Controller took about five minutes to retrain the staff. After the retraining, the emergency workers were able to correctly explain their dose limits/turn back values, as stated in their plans and procedures.

At the end of the drill, the Evaluator and Controllers concluded by identifying and discussing possible improvements regarding training and updating the dose/exposure limit cards by removing the “rem” terminology, as only State of Michigan health physicists have sufficient training to calculate an estimated rem value. Discussion also emphasized that focus should be placed on the value that would be read on the emergency workers’ Direct-Reading-Dosimeters measured in R (Roentgens).

APPENDIX B: Exercise Timeline

Emergency Classification Level, Action, or Event	Time Utility Declared	Time (EDT) that Action Was Taken or <i>Notification Was Received</i>				
		State of Michigan SEOC	State of Michigan TSU	Monroe County EOC	Wayne County EOC	State of Michigan JIC
Unusual Event	N/A	N/A	N/A	N/A	N/A	N/A
Alert	0843	0853	0853	0853	0853	N/A
Site Area Emergency	0941	0952	0952	0949	0949	0957
General Emergency	1103	1114	1114	1118	1118	1130
Release of Radioactive Material Started	1034	1038	1038	1032	1038	1038
Release of Radioactive Material Terminated	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
Facility Declared Operational		0947	0947	0930	0950	1039
Declaration of State/Local Emergency		1008	1008	1008	1008	1055
Exercise Termination		1312	1312	1306	1312	1312
General Information Message: <Public advised of incident at Fermi Nuclear Power Plant>		0941	0941	0950	0950	1045
Precautionary Action Decision: <Issued Livestock Advisory>Ag does this		1010	1041	1031	1032	1057
Precautionary Action Decision: <Evacuate Schools and/or Special Pop's>		N/A	N/A	1122	0953	1123
Precautionary Action Decision: <The State issued an Order to evacuate State parks and/or hunting areas>		0853	0853	1132	0853 Automatic @ Alert	-----
Precautionary Action Decision[s] <Air – Rail – Water Restrictions>.		1136	1136	1144	1140	1145
1 st Protective Action Recommendation from the Utility: Evacuation of Protective Action Areas: 1, 2 & 6, and marine traffic out to five miles		1114	1114	1126	1115	1214

UNCLASSIFIED

Radiological Emergency Preparedness (REP) Program

Final After-Action Report/Improvement Plan

Fermi Nuclear Power Plant

Emergency Classification Level, Action, or Event	Utility Declared	Time (EDT) that Action Was Taken or Notification Was Received				
		State of Michigan SEOC	State of Michigan TSU	Monroe County EOC	Wayne County EOC	State of Michigan JIC
1 st Protective Action Order (PAO): • Evacuate Protective Action Areas (PAAs): 1, 2 & 6; • Clear Marine Traffic out to 5 miles.		1125	1125	1132	1132	1214
KI Administration: Emergency Workers and Immobile Populations <Decision/Implementation: MI / Counties>		1115	1115	1127	1115	1127
KI Administration General Population		1115	1115	1127	1115	1128
1 st Siren Activation:		1141	1141	1141	1141	1141
1 st EAS Message:		1143	1143	1143	1143	1143
2nd Protective Action Order (PAO): Added PAA 3 • Evacuate PAAs: 1, 2, 3 & 6; • Clear Marine Traffic out to 5 miles.		1220	1220	1229	1220	1224
2 nd Siren Activation		-----	-----	1229	1257	-----
2 nd EAS Message		-----	-----	1230	1257	-----

APPENDIX C: Exercise Evaluation Team

SITE: Fermi Nuclear Power Plant

Exercise Management	Name	Agency/ Organization
Chair, Regional Assistance Committee	Sean O’Leary	DHS/FEMA
Exercise Director	Carl Bebrich	DHS/FEMA
State of Michigan Site Specialist	Debra Schneck	DHS/FEMA
Team Leader – State of Michigan	David Persaud	DHS/FEMA
Team Leader – Monroe County	Todd Gemskie	DHS/FEMA
Team Leader – Wayne County	James King	DHS/FEMA

State of Michigan		
Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
Initial Notification Point / SEOC	Stephen Watts	ICFI
SEOC	Peter Judge	ICFI
SEOC / Incident Management Group	Kevin Reed	ICFI
SEOC / Technical Support Unit	Kenneth Wierman	DHS/FEMA
Joint Information Center	Angela Cloutier	DHS/FEMA
Joint Information Center	Karl Rabenhorst	DHS/FEMA
Joint Information Center	Todd Trygier	DHS/FEMA

State of Michigan – Out-of-Sequence		
Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
WDC	Marcy Campbell	ICFI
Field Team Center	Marynette Herndon	ICFI
Field Team #1	Michael Howe	DHS/FEMA
Field Team #2	Deborah Blunt	DHS/FEMA
Emergency Worker Monitoring / Decontamination	Narvaez Stinson	DHS/FEMA
Emergency Worker Vehicle / Equipment Monitoring / Decontamination	James King	DHS/FEMA

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Monroe County		
Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
Initial Notification Point / Monroe County EOC	Roger Winkelmann	ICFI
Monroe County EOC	Roy Smith	ICFI
Monroe County EOC	Herb Massie	ICFI

Monroe County – Out-of-Sequence		
Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
Monroe County Public Schools	Debra Schneck	DHS/FEMA
Promedica Monroe Hospital	James King	DHS/FEMA
Promedica Monroe Hospital	Carl Bebrich	DHS/FEMA
Monroe County Ambulance Service	Todd Trygier	DHS/FEMA

Wayne County		
Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
Wayne County EOC	Curtis Williams	DHS/FEMA
Wayne County EOC	Thomas Gahan	ICFI

Wayne County – Out-of-Sequence		
Evaluated Offsite Response Organizations/Locations	Evaluator	Agency/ Organization
Gibraltar School District	Debra Schneck	DHS/FEMA
Flat Rock Schools	Debra Schneck	DHS/FEMA
Corewell Health Trenton Hospital	James King	DHS/FEMA
Monroe County Ambulance Service	Carl Bebrich	DHS/FEMA

APPENDIX D: Acronym List

Acronym	Description
CFR	Code of Federal Regulations
CIMS	Critical Incident Management System
DHS	Department of Homeland Security
EAS	Emergency Alert System
ECL	Emergency Classification Level
EDT	Eastern Daylight Time
EGLE	Department of Environment, Great Lakes, and Energy
EM	Emergency Management
EMHSD	Emergency Management and Homeland Security Division
EMS	Emergency Medical Services
EOC	Emergency Operations Center
EoPA	Extent-of-Play Agreement
EPZ	Emergency Planning Zone
EST	Eastern Standard Time
EW	Emergency Worker
FEMA	Federal Emergency Management Agency
FMT	Field Monitoring Team
FNPP	Fermi Nuclear Power Plant
FTC	Field Team Center
ICFI	ICF International, Inc.
IPAWS	Integrated Public Alert and Warning System
JIC	Joint Information Center
KI	potassium iodide
MC	Monroe County
MDHHS	Michigan Department of Health and Human Services
MI	Michigan
MSP	Michigan State Police
MSU	Michigan State University
NA	Not Applicable
NRC	U.S. Nuclear Regulatory Commission
ORO	Offsite Response Organization
PAA	Protective Action Area
PAD	Protective Action Decision
PAO	Protective Action Order
PPE	Personal Protective Equipment
RAC	Regional Assistance Committee

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Acronym	Description
RDL	Radiological Decontamination Leader
REP	Radiological Emergency Preparedness
RERP	Radiological Emergency Response Plan
SAE	Site Area Emergency
SEOC	State Emergency Operations Center
SimCell	Simulator Cell
TACP	Traffic and Access Control Point
TBD	To Be Determined
TSU	Technical Support Unit
WC	Wayne County
WDC	Worker Decontamination Center
WEA	Wireless Emergency Alert

APPENDIX E: Extent-of-Play Agreements

This Appendix presents the extent-of-play agreements for the September 20, 2022, Fermi Nuclear Power Plant (FNPP) Full-Participation, Radiological Emergency Preparedness, Plume Exposure Pathway Exercise.

State of Michigan, and Monroe and Wayne Counties, September 20, 2022

State of Michigan Field Operations, Out-of-Sequence, September 21, 2022

Fermi REP Exercise Objectives

September 20, 2022

Extent-of-Play Agreements for

Monroe County, Wayne County, and the State of Michigan

Criteria:

Criteria that will be demonstrated during this exercise and can be re-demonstrated immediately for credit upon the decision of the Jurisdiction FEMA Team Leader: 2.a.1, 3.a.1, 3.b.1, 3.c.2, 3.d.1, 4.a.2, 4.a.3, 6.a.1, 6.b.1, 6.c.1, 6.d.1.

Criteria that will be demonstrated during this exercise and may be re-demonstrated, as approved on a case-by-case basis by the RAC Chair: 2.b.1, 2.b.2, 2.c.1, 3.d.2, 5.a.1.

Criteria that will be demonstrated during this exercise and can be re-demonstrated immediately for credit upon the decision of the Jurisdiction FEMA Team Leader, or may be re-demonstrated, as approved on a case-by-case basis by the RAC Chair: 1.c.1, 5.b.1.

Criteria that are not evaluated for this exercise include the following: 2.d.1, 2.e.1, 3.c.1, 3.e.1, 3.e.2, 3.f.1, 4.b.1, 4.c.1, 5.a.3, 5.a.4

Out-of-sequence events:

- State Field Operations: Field Team Center (FTC), Field Monitoring Teams (FMTs), Worker Decontamination Center (WDC), September 21, 2022
- Monroe County:
 - Promedica Hospital MS1-November 7, 2022, at TBD
 - Monroe Public Schools EV2-December 6, 2022, at TBD
- Wayne County:
 - Beaumont Hospital MS1-October 27, 2022, at TBD
 - Gibraltar School District EV2-September 15, 2022, at 9:45a
 - Flat Rock Public Schools EV2-September 15, 2022, at 1:30p

Evaluation Area 1 - Emergency Operations Management

Criterion 1.a.1: Offsite Response Organizations (OROs) use effective procedures to alert, notify, and mobilize emergency personnel and activate facilities in a timely manner.

State of Michigan

1. The State Emergency Operations Center (SEOC), and MSP Operations will be fully activated. State personnel reporting to the SEOC will be mobilized in accordance with procedures.
2. State personnel reporting to the county Emergency Operation Center (EOC) will be pre-positioned and will report when mobilized by the SEOC.
3. A SimCell will provide radiological field data for the in-sequence SEOC demonstration.

4. State personnel reporting to the Joint Information Center (JIC) will be pre-positioned and will begin participation after the arrival of Monroe and Wayne Counties' JIC personnel.
5. State personnel involved in out-of-sequence demonstrations will be pre-staged.
6. A roster will be provided to demonstrate 24-hour staffing.

Monroe County

1. The Monroe County EOC will be activated and mobilized in accordance with procedures.
2. Monroe County JIC personnel will be mobilized in accordance with procedures.
3. All personnel involved in out-of-sequence demonstrations will be pre-positioned.
4. A roster will be provided to demonstrate 24-hour staffing of the county EOC.

Wayne County

1. The Wayne County EOC will be activated and mobilized in accordance with procedures.
2. Wayne County JIC personnel will be mobilized in accordance with procedures.
3. All personnel involved in out-of-sequence demonstrations will be pre-positioned.
4. A roster will be provided to demonstrate 24-hour staffing of the county EOC.

Criterion 1.b.1: Facilities are sufficient to support the emergency response.

State of Michigan

1. The SEOC and is maintained in operational readiness and set up will not be demonstrated. The state was evaluated in 2016 due in 2024.
2. The JIC is not maintained in operational readiness and set up will be demonstrated for evaluation. Location: Monroe County Community College 1555 S. Raisinville Rd. Monroe, Michigan. Next due 2030.
3. The FTC and WDC facilities will be evaluated. Next due in 2030.

Monroe County

1. The EOC is maintained in operational readiness and set up will be demonstrated. Monroe County will be evaluated and next due in 2030.

Wayne County

1. The EOC is maintained in operational readiness and set up will not be demonstrated. Wayne County will not be evaluated and next due in 2024.

Criterion 1.c.1: Key personnel with leadership roles for the ORO provide direction and control to that part of the overall response effort for which they are responsible.

State of Michigan

1. This criterion will be demonstrated by state personnel at the SEOC, by State Liaison Officers at county EOCs, and state personnel at the FTC, FMTs, WDC, and the JIC.

Monroe County

1. This criterion will be demonstrated at the county EOC, JIC, Congregate Care and Monitoring and Decontamination Centers (when demonstrated).

Wayne County

1. This criterion will be demonstrated at the county EOC, JIC, Congregate Care and Monitoring and Decontamination Centers (when demonstrated).

Criterion 1.d.1: At least two communication systems are available, at least one operates properly, and communication links are established and maintained with appropriate locations. Communications capabilities are managed in support of emergency operations.

State of Michigan

1. This criterion will be demonstrated by the SEOC, FTC, FMTs, WDC, JIC. If both the primary and back-up systems fail, this objective may be demonstrated by successful use of an alternate method of communication.

Monroe County

1. This criterion will be demonstrated by the EOC, JIC, Monitoring and Decontamination Centers, Congregate Care and Access Control. If both the primary and back-up systems fail, this objective may be demonstrated by successful use of an alternate method of communication (when centers are demonstrated).

Wayne County

1. This criterion will be demonstrated by the EOC, JIC, Monitoring and Decontamination Centers, Congregate Care and Access Control. If both the primary and back-up systems fail, this objective may be demonstrated by successful use of an alternate method of communication (when centers are demonstrated).

Criterion 1.e.1: Equipment, maps, displays monitoring instruments, dosimetry, potassium iodide (KI), and other supplies are sufficient to support emergency operations.

State of Michigan

1. Equipment, maps, displays, and other supplies will be demonstrated to support emergency operations at the SEOC, FTC, FMTs, WDC, JIC, State Liaison Officers at County EOCs, and out-of-sequence events.
2. Additional supplies of potassium iodide are stored at the Michigan State Police Emergency Management and Homeland Security Division (MSP/EMHSD) office in Dimondale. These supplies are meant to augment the county supplies.
3. Calibration records will be provided for equipment calibrated by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) for the current calendar year.
4. Additional monitoring instruments are stored at the EGLE Program Support Facility located at 815 Filley Street in Lansing.

Monroe County

1. Equipment, maps, displays, and other supplies will be demonstrated to support emergency operations at the EOC, JIC and out-of-sequence events.

2. Personnel involved in traffic and access control points will demonstrate knowledge of where to secure traffic control equipment.
3. Potassium iodide and dosimeters are stored at the county.

Wayne County

1. Equipment, maps, displays, and other supplies will be demonstrated to support emergency operations at the EOC, JIC and out-of-sequence events.
2. Personnel involved in traffic and access control points will demonstrate knowledge of where to secure traffic control equipment at the Emergency Worker Decontamination Center.
3. Potassium iodide and dosimeters are stored at the county.

Evaluation Area 2 - Protective Action Decision Making

Criterion 2.a.1: OROs use a decision-making process, considering relevant factors and appropriate coordination, to ensure that an exposure control system, including the use of KI, is in place for emergency workers, including provisions to authorize radiation exposure in excess of administrative limits or Protective Action Guides.

State of Michigan

1. This criterion will be demonstrated by the Incident Management Group in the SEOC in conjunction with appropriate support staff including the Technical Support Unit (TSU) and the Michigan Department of Health and Human Services (MDHHS).
2. Authorization for State personnel to exceed state exposure limits will be demonstrated by the State Health Physicist. If the scenario does not provide an opportunity to demonstrate these items, this will be demonstrated through an interview at a time that will not interfere with exercise play to demonstrate the ability to perform these actions.

Monroe County – Does not apply unless situation warrants immediate action.

1. Monroe County may recommend that emergency workers ingest KI and/or authorize emergency workers to exceed State exposure limits based on best available information, if the incident (intentional vs. unintentional) warrants, and if the State is unable to provide Protective Actions Orders to protect emergency workers in a timely manner.
2. Any decision regarding the implementation of protective measures prior to a Governor's Declaration by an agency with authority to warn and protect the public in a timely manner will be documented as an "Interim Protective Measures Decision" in lieu of a "Protective Action Decision."

Wayne County – Does not apply unless situation warrants immediate action.

1. Wayne County may recommend that emergency workers ingest KI and/or authorize emergency workers to exceed State exposure limits based on best available information, if the incident (intentional vs. unintentional) warrants, and if the State is unable to provide Protective Actions Orders to protect emergency workers in a timely manner.
2. Any decision regarding the implementation of protective measures prior to a Governor's Declaration by an agency with authority to warn and protect the public in a timely manner will be documented as an "Interim Protective Measures Decision" in lieu of a "Protective Action Decision."

Note: This criterion may be re-demonstrated at the decision of the Jurisdiction FEMA Team Leader.

Criterion 2.b.1: Appropriate Protective Action Recommendations (PARs) are based on available information on plant condition, field monitoring data, and licensee and ORO dose projections, as well as knowledge of onsite and offsite environmental conditions.

State of Michigan

1. The Technical Support Unit (TSU) in the SEOC will evaluate licensee and FTC (SimCell) provided information and complete an independent analysis of scenario data.
2. Dose assessment will be conducted as required by the scenario at the SEOC.

Monroe County – Does not apply unless situation warrants immediate action.

1. Monroe County may implement protective measures prior to a Governor's Declaration to warn and protect the public based on best available information if the incident (intentional vs. unintentional) warrants and if the State is unable to provide Protective Actions Orders to warn and protect the public in a timely manner.

Wayne County – Does not apply unless situation warrants immediate action.

1. Wayne County may implement protective measures prior to a Governor's Declaration to warn and protect the public based on best available information if the incident (intentional vs. unintentional) warrants and if the State is unable to provide Protective Actions Orders to warn and protect the public in a timely manner.

Note: This criterion may be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee.

Criterion 2.b.2: A decision-making process involving consideration of appropriate factors and necessary coordination is used to make Protective Action Decisions (PADs) for the general public (including the recommendation for the use of KI, if it is ORO policy).

State of Michigan

1. This criterion will be demonstrated by the Incident Management Group in the SEOC in conjunction with appropriate support staff including the TSU and the Michigan Department of Health and Human Services (MDHHS).
2. The Potassium Iodide (KI) policy will be demonstrated at the General Emergency declaration through SEOC discussion and a press release at the JIC.

Monroe County

This criterion will not be demonstrated by the County.

Wayne County

This criterion will not be demonstrated by the County.

Note: This criterion may be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee.

Criterion 2.c.1: Protective Action Decisions are made, as appropriate, for groups of people with disabilities and those with access/functional needs.

State of Michigan

1. This criterion will be demonstrated by the Incident Management Group, MDHHS and TSU in the SEOC in coordination with applicable support staff, through the decision to recommend the use of KI to institutionalized persons that cannot be evacuated.

Monroe County – Does not apply unless situation warrants immediate action.

1. Monroe County may implement protective measures prior to a Governor's Declaration to warn and protect the public based on best available information if the incident (intentional vs. unintentional) warrants and if the State is unable to provide Protective Actions Orders to warn and protect the public in a timely manner.

Wayne County – Does not apply unless situation warrants immediate action.

1. Wayne County may implement protective measures prior to a Governor's Declaration to warn and protect the public based on best available information if the incident (intentional vs. unintentional) warrants and if the State is unable to provide Protective Actions Orders to warn and protect the public in a timely manner.

Note: This criterion may be re-demonstrated as approved on a case-by-case basis by the Chairperson of the Regional Assistance Committee.

Criterion 2.d.1: Radiological consequences for the ingestion pathway are assessed and appropriate Protective Action Decisions are made based on the ORO planning criteria.

This criterion will not be demonstrated during this exercise.

Criterion 2.e.1: Timely post-plume relocation, reentry, and return decisions are made and coordinated as appropriate, based on assessments of the radiological conditions and criteria in the ORO's plan and/or procedures.

This criterion will not be demonstrated during this exercise.

Evaluation Area 3 - Protective Action Implementation

Criterion 3.a.1: The OROs issue appropriate dosimetry, KI, and procedures, and manage radiological exposure to emergency workers in accordance with the plan and procedures. Emergency workers periodically and at the end of each mission read their dosimeters and record the readings on the appropriate exposure record or chart. Appropriate record-keeping of the administration of KI for emergency workers is maintained.

State of Michigan

1. The State of Michigan will demonstrate this criterion through Radiological Emergency Worker briefing(s) and interview(s) at the FTC, FMTs and WDC.
2. Radiological Emergency Worker / Equipment Monitoring and Decontamination procedures will be demonstrated by the WDC personnel at the WDC.
3. Decontamination demonstrations, through out-of-sequence activities on September 21, 2022, at 10 a.m. at Monroe MSP Post No. 28, 300 Jones Avenue, Monroe, Michigan.

This will include full equipment set-up, simulated Decontamination actions and/or interview(s) as appropriate, but no water or Decontamination solutions will be used during the demonstration.

Monroe County

1. Monroe County will demonstrate this criterion at the designated Access Control Point (per Criterion 3.d.1).
2. All out of sequence Decontamination Centers have been demonstrated.

Wayne County

1. Wayne County will demonstrate this criterion at the designated Access Control Point (per Criterion 3.d.1).
2. All out of sequence Decontamination Centers have been demonstrated. Next due 2024.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

Criterion 3.b.1: KI and appropriate instructions are available in case a decision to recommend use of KI is made. Appropriate record keeping of the administration of KI for institutionalized individuals and general public is maintained.

State of Michigan

1. The State will demonstrate this objective at the SEOC and through decision-making and directives to implement appropriate Protective Action Orders.

Monroe County

1. Monroe County will demonstrate the ability (simulate) to administer KI to institutionalized individuals.

Wayne County

1. Wayne County will demonstrate the ability (simulate) to administer KI to institutionalized individuals.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

Criterion 3.c.1: Protective Action Decisions (PADs) are implemented for people with disabilities and those with access/functional needs other than schools within areas subject to protective actions.

State of Michigan

This criterion will not be demonstrated by the State.

Monroe County

1. This criterion will not be evaluated. Next due by 2026.

Wayne County

1. This criterion will not be evaluated. Next due by 2026.

Criterion 3.c.2: OROs/School officials implement protective actions for schools.State of Michigan

This criterion does not apply.

Monroe County

1. This criterion will be demonstrated by Monroe County EOC as driven by the scenario.
2. An EV-2 interview will be conducted out-of-sequence at Monroe Public School, Monroe, MI 48162 on December 6, 2022, at **TBD am**.
3. Refer to the Table of Exercise Demonstrations for specific times. This will be conducted out-of-sequence.

Wayne County

1. This criterion will be demonstrated by Wayne County EOC as driven by the scenario.
2. An EV-2 interview will be conducted out-of-sequence at Gibraltar School District and Flat Rock Schools on September 15, 2022.
3. Refer to the Table of Exercise Demonstrations for specific times. This will be conducted out-of-sequence.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

Criterion 3.d.1: Appropriate traffic and access control is established. Accurate instructions are provided to traffic and access control personnel.

State of Michigan

1. This criterion will be demonstrated by the SEOC through the restriction of air, interstate, rail, and waterway access.

Monroe County

1. Decisions related to traffic and access control will be demonstrated in the Monroe County EOC. Monroe County demonstration locations will be determined during the exercise at a time agreed upon by the FEMA evaluator, the Exercise Controller, and the county Emergency Management Coordinator.
2. Staffing of all other access and traffic control points will be simulated.

Wayne County

1. Decisions related to traffic and access control will be demonstrated in the Wayne County EOC. Wayne County demonstration locations will be determined during the exercise at a time agreed upon by the FEMA evaluator, the Exercise Controller, and the county Emergency Management Coordinator.
2. Staffing of all other access and traffic control points will be simulated.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

Criterion 3.d.2: Impediments to evacuation are identified and resolved.State of Michigan

This criterion does not apply.

Monroe County

1. This will be demonstrated through discussions at the county EOC. Messages will be injected by Exercise Controllers to drive these demonstrations. Personnel will deal with the impediments by discussing the need for equipment, discussing its estimated time of arrival, etc. If the impediment posed involves road closures that would have been known to exercise participants during the course of normal operations, this information will be provided to the players as part of the initial conditions for the exercise. All contacts, actual or simulated will be logged. Information will be provided to the JIC for each impediment.

Wayne County

1. This will be demonstrated through discussions at the county EOC. Messages will be injected by Exercise Controllers to drive these demonstrations. Personnel will deal with the impediments by discussing the need for equipment, discussing its estimated time of arrival, etc. If the impediment posed involves road closures that would have been known to exercise participants during the course of normal operations, this information will be provided to the players as part of the initial conditions for the exercise. All contacts, actual or simulated will be logged. Information will be provided to the JIC for each impediment.

Note: This criterion may be re-demonstrated immediately for credit, on a case by-case basis by the Chairman of the Regional Assistance Committee.

Criterion 3.e.1: The ORO demonstrates the availability and appropriate use of adequate information regarding water, food supplies, milk, and agricultural production within the ingestion exposure pathway emergency planning zone for implementation of protective actions.

This criterion will not be demonstrated during this exercise.

Criterion 3.e.2: Appropriate measures, strategies, and pre-printed instructional material are developed for implementing Protective Action Decisions for contaminated water, food products, milk, and agricultural production.

This criterion will not be demonstrated during this exercise.

Criterion 3.f.1: Decisions regarding controlled reentry, relocation, and return of individuals during the post-plume phase are coordinated with appropriate organizations and implemented.

This criterion will not be demonstrated during this exercise.

Evaluation Area 4 - Field Measurement and Analysis

Criterion 4.a.1: (RESERVED)

Criterion 4.a.2: Field teams (two or more) are managed to obtain sufficient information to help characterize the release and to control radiation exposure.

State of Michigan

1. This criterion will be demonstrated by the FMTs.

Monroe County and Wayne County

This criterion does not apply.

Criterion 4.a.3: Ambient radiation measurements are made and recorded at appropriate locations, and radioiodine and particulate samples are collected. Teams will move to an appropriate low background location to determine whether any significant (as specified in the plan and/or procedures) amount of radioactivity has been collected on the sampling media.

State of Michigan

1. Two State teams will demonstrate the capability to take ambient radiation measurements of a (simulated) airborne plume. They will demonstrate the collection of an air sample followed by the measurement of the sample in a low background area. Radiological readings will be simulated and uploaded to the RadResponder website. Back-up methods will be used if necessary.
2. Charcoal or silver zeolite cartridges may be used for air sampling.

Monroe County and Wayne County

This criterion does not apply.

Criterion 4.b.1: The field teams (two or more) demonstrate the capability to make appropriate measurements and to collect appropriate samples (e.g., food crops, milk, water, vegetation, and soil) to support adequate assessments and protective action decision-making.

State of Michigan

This criterion will not be demonstrated during this exercise.

Criterion 4.c.1: The laboratory is capable of performing required radiological analyses to support protective action decisions.

This criterion will not be demonstrated during this exercise.

Evaluation Area 5 - Emergency Notification and Public Information

Criterion 5.a.1: 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 FEMA REP guidance.

State of Michigan

1. The State will provide information to the county for release in the Emergency Alert System messages.

Monroe County (TBD at TBD - Out of Sequence)

1. Monroe County is the primary activation point for the public warning sirens. Monroe County also activates the Emergency Alert System (EAS) using **IPAWS**. FEMA evaluator will confirm message was received at FEMA IPAWS lab any time after message was sent.

Wayne County

1. Wayne County will provide, as needed, information to Monroe County for inclusion in EAS messages.

Note: This criterion may be re-demonstrated as approved on a case-by-case basis by the Chairman of the Regional Assistance Committee.

Criterion 5.a.2: [RESERVED]

Criterion 5.a.3: Backup alert and notification of the public is completed within a reasonable time following detection by the ORO of a failure of the primary alert and notification system.

This criterion will not be demonstrated during this exercise.

Criterion 5.a.4: Activities associated with FEMA approved exception areas (where applicable) are completed within 45 minutes following the initial decision by authorized offsite emergency officials to notify the public of an emergency situation

The Fermi Emergency Planning Zone (EPZ) does not contain any DHS/FEMA approved exception areas.

This criterion will not be demonstrated during this exercise.

Criterion 5.b.1: OROs provide accurate subsequent emergency information and instructions to the public and the news media in a timely manner.

State of Michigan, Monroe County & Wayne County

1. This will be demonstrated at the JIC via dissemination of emergency information and instructions through joint media briefings and news release announcements in coordination with the SEOC and County EOCs. All media briefings will be conducted at the JIC.
2. A public inquiry hotline will be operated by Monroe County during the exercise by personnel based at the Monroe County Emergency Management Office. Trending is performed by the Rumor Control Coordinator, who identifies trends and ensures appropriate information is provided to the public inquiry operators and the JIC for inclusion in press briefings.

Note: This criterion may be re-demonstrated upon the decision of the Jurisdiction FEMA Team Leader OR may be re-demonstrated, as approved on a case-by-case basis, by the Chairman of the Regional Assistance Committee.

Evaluation Area 6 - Support Operation/Facilities

Criterion 6.a.1: The reception center facility has appropriate space, adequate resources, and trained personnel to provide monitoring, Decontamination, and registration of evacuees.

State of Michigan

1. State personnel will provide phone assistance as requested by the counties per the procedures in the Nuclear Facilities Emergency Management Plan during county Public Reception/Emergency Worker Decontamination Center demonstrations. Phone calls may be simulated through discussions with State personnel who are available in person for the out-of-sequence demonstrations.

Monroe County

This criterion will not be demonstrated during this exercise.

Wayne County

This criterion will not be demonstrated during this exercise.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

Criterion 6.b.1: The facility/ORO has adequate procedures and resources to accomplish monitoring and Decontamination of emergency workers and their equipment and vehicles.

State of Michigan

1. This criterion will be demonstrated at the WDC, September 21, 2022, 10 a.m.
2. Emergency workers and their equipment will be monitored. The scenario package will contain controller injects that will indicate whether or not a worker or equipment is contaminated, as well as details on how many individuals and how much equipment will be monitored.
3. Decontamination demonstrations will include full equipment set-up, simulated Decontamination actions and/or interview(s) as appropriate, but no water or Decontamination solutions will be used during the demonstration.
4. One emergency worker will demonstrate donning and doffing PPE but will not be required to wear for the duration of the evaluation.

Monroe County

This criterion will not be demonstrated during this exercise.

Wayne County

This criterion will not be demonstrated during this exercise.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

Note: The Decontamination and washing of vehicles and individuals, if detailed in the county plans, will be simulated.

Criterion 6.c.1: Managers of congregate care facilities demonstrate that the centers have resources to provide services and accommodations consistent with American Red Cross planning guidelines. Managers demonstrate the procedures to assure that evacuees have been

monitored for contamination and have been Decontaminated as appropriate prior to entering congregate care facilities.

State of Michigan

This criterion does not apply.

Monroe County

This criterion will not be demonstrated during this exercise.

Wayne County

This criterion will not be demonstrated during this exercise.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

Criterion 6.d.1: The facility/ORO has the appropriate space, adequate resources, and trained personnel to provide transport, monitoring, decontamination, and medical services to contaminated injured individuals.

State of Michigan

During this exercise State Technical Personnel will provide phone support upon request. Phone calls may be simulated through discussions with State personnel who are available in person for the out-of-sequence demonstrations.

Monroe County

Note: This criterion will be demonstrated during an **MS-1 Drill on November 7, 2022, at TBD am** with Promedica Hospital located at 718 North Macomb Street, Monroe, MI 48161.

Wayne County

Note: This criterion will be demonstrated during an MS-1 Drill on October 27, 2022 **at TBD am** with Beaumont Hospital-Trenton, South Shore Campus Medical Center located at 5450 Fort Street, Trenton, MI 48183.

Note: This criterion may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader.

**Extent of Play Agreement for
Michigan Department of Environment, Great Lakes, and Energy (EGLE)
Out-of-Sequence Field Operations Demonstration
Wednesday, September 21, 2022 @ 10:00 AM**

Introduction

This Extent of Play Agreement (EoPA) covers EGLE's out-of-sequence Field Operations Demonstration and is an annex to the main program-wide EoPA.

Exercise conduct will be in accordance with EGLE's current plans and procedures, except as noted in this EoPA.

Exercise Locations

This exercise will be held in Monroe, MI and the surrounding area.

A simulated release of radioactive material will occur at the Fermi nuclear power plant. Fermi is in Monroe County, MI on Lake Erie. Monitoring routes are predesignated, and appropriate navigational aides been developed (e.g., maps and turn-by-turn instructions) for use by players. FMTs will not wear PPE in the field. They will be able to answer questions about PPE and will show that they have access to appropriate PPE.

The Field Team Center (FTC) and Emergency Worker Decontamination Center (WDC) will be located at the Michigan State Police Monroe Post (300 Jones Avenue, Monroe, MI). Field Monitoring Teams (FMTs) will be based out of the FTC and will conduct field monitoring operations in the vicinity of Fermi.

Exercise Controlling and Simulation**Simulation Cell (SIMCELL)**

A Simulation Cell (SIMCELL) will simulate communications, data feeds, and additional external information that Players can typically access in the real-world but are not in play during this demonstration. SIMCELL injects and parameters will be included in the technical data package. Players will interact with the SIMCELL via telecommunications technologies (e.g., phone or MS Teams software). The SIMCELL will also be a hub for coordinating the Exercise Controllers.

Radiological Data

The release of radiation will be simulated. This out-of-sequence demonstration will use a stand-alone scenario, and therefore will not be related to other scenarios used as part of the overall Fermi Exercise. The scenario, including all supporting injects, maps, and documentation will be submitted to FEMA prior to (not less than 60 days before) this out-of-sequence demonstration.

The FTC and WDC will be fully staffed, per plans and procedures. Two Field Monitoring Teams (FMTs) will be in play. The FTC, WDC, and both FMTs will be evaluated. No other response facilities will be in play during the demonstration.

A controller and a FEMA Evaluator will be placed with each FMT. Radiological data will be fed directly to handheld survey equipment via Teletrix and Virtual Plumes. The computerized systems will be operated by the Controllers. If these systems fail, radiation data will be provided by the applicable FMT Controller

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via inject for the current time at the FMT's current approximate location, as read from radiation data tables. The simulator file and data tables will be submitted as part of the technical data package.

Personal Protective Equipment (PPE)

Players will be able to answer questions about the proper use and function of PPE. Two players in the WDC will be selected to demonstrate the proper donning of PPE, conduct work activities for some length of time (e.g., 10 minutes), and then demonstrate doffing PPE. Evaluators may authorize players to take mitigating actions (e.g., remove extra gloves, unzip Tyvek, etc.) for personal safety and/or comfort. A balance between realism and safety should be sought.

FMTs will not wear PPE in the field. They will be able to answer questions about PPE and will show that they have access to appropriate PPE.

The Michigan State Police Monroe Post is an active facility. Daily operations will continue despite the exercise. They are not a part of the exercise.

Players may be interviewed or questioned by Evaluators regarding their roles and interactions with facilities that are not in play.

Decontamination

WDC staff will be able to discuss proper Decontamination techniques and will FMTs will not wear PPE in the field. They will be able to answer questions about PPE and will show that they have access to appropriate PPE.

access to appropriate equipment, but they will not actually Decontaminate any people, equipment, or vehicles.

Criteria

Evaluation criteria FMTs will not wear PPE in the field. They will be able to answer questions about PPE and will show that they have access to appropriate PPE.

been selected from the 2016 FEMA REP Program Manual.

Criteria that will be demonstrated during this out of sequence exercise include the following:

1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 3.a.1, 3.b.1, 4.a.2, 4.a.3 and 6.b.1.

Criteria that may be re-demonstrated immediately for credit at the decision of the Jurisdiction FEMA Team Leader are: **2.a.1, 3.a.1, 3.b.1, 4.a.2, 4.a.3, 6.b.1.**

Criteria that may be re-demonstrated immediately for credit at the decision of the Jurisdiction FEMA Team Leader, or may be re-demonstrated, as approved on a case-by-case basis by the Chairman of the Radiological Assistance Committee: **1.c.1.**

Criterion 1.a.1: Offsite Response Organizations (OROs) use effective procedures to alert, notify, and mobilize emergency personnel and activate facilities in a timely manner.

- 1) The FTC, WDC and two FMTs will be activated.
 - a) The FTC, WDC, and FMTs will be staffed per appropriate Standard Operating Guides.

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- b) No other response areas or individuals will be activated for this out-of-sequence demonstration.
- 2) Personnel will be pre-positioned and will begin exercise participation as directed by controller injects.
- 3) The demonstration will take place in the Monroe vicinity on September 21, 2022. Play will begin at 300 Jones Avenue., Monroe Michigan.
- 4) A roster will be provided to demonstrate 24-hour staffing capability for EGLE.

Criterion 1.c.1: Key personnel with leadership roles for the ORO provide direction and control to that part of the overall response effort for which they are responsible.

- 1) The FTC Coordinator will provide overall command and control of FMTs, with each FMT commanded in the field by its own respective FMT Leader.
- 2) The Radiological Decontamination Leader (RDL) commands the WDC. The RDL takes direction from the FTC Coordinator.

Criterion 1.d.1: At least two communication systems are available, at least one operates properly, and communication links are established and maintained with appropriate locations. Communications capabilities are managed in support of emergency operations.

- 1) Communication systems will be used to communicate between the FTC and FMTs per procedures. If both the primary and back-up systems fail, this objective may be met by successful use of an alternate method of communication.
- 2) The use of MI CIMS will not be demonstrated.
- 3) The FTC Dispatcher serves as the communications link between the FTC and FMTs. These communications will be demonstrated per procedures.
 - a) The FTC Communicator serves as the communications link between the FTC and other facilities. The SIMCELL will simulate all external communications for the FTC Communicator.

Criterion 1.e.1: Equipment, maps, displays monitoring instruments, dosimetry, potassium iodide (KI), and other supplies are sufficient to support emergency operations.

- 1) Calibration records are supplied as part of the Annual Letter of Certification for the previous calendar year. Updated calibration records will be provided to show equipment used for the demonstration are within their calibration periods.
- 2) Players will be equipped according to appropriate plans and procedures.

Criterion 2.a.1: OROs use a decision-making process, considering relevant factors and appropriate coordination, to ensure that an exposure control system, including the use of KI, is in place for emergency workers, including provisions to authorize radiation exposure in excess of administrative limits or Protective Action Guides.

- 1) FMTs and the FTC will demonstrate appropriate exposure control, per plans and procedures. As noted elsewhere, interactions with other facilities and response locations (e.g., the SEOC) will be simulated.

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- 2) FMTs are not, under normal circumstances, expected to need to exceed dose limits. However, if this issue does arise during exercise play, it will be handled by Controller Inject or Evaluator Interview, as appropriate, with the FTC Coordinator and FMTs.

Criterion 3.a.1: The OROs issue appropriate dosimetry, KI, and procedures, and manage radiological exposure to emergency workers in accordance with the plan and procedures. Emergency workers periodically and at the end of each mission read their dosimeters and record the readings on the appropriate exposure record or chart. Appropriate record-keeping of the administration of KI for emergency workers is maintained.

- 1) Adequate equipment and supplies (including dosimetry and KI) will be provided to players through the usual equipment issuance process.
- 2) Briefings will be conducted by the FTC Coordinator, per procedures.
- 3) Emergency worker doses will be reported to the FTC by the FMTs, per procedures.
- 4) Certain aspects of the Dose Limit Guide require consultation with assessment staff at the SEOC. As the SEOC will not be in play, the SIMCELL will be able to provide the necessary information. Those aspects of the process that are solely the responsibility of the SEOC will not be evaluated during this part of the exercise.
- 5) The ingestion of KI will be simulated.

Criterion 3.b.1: KI and appropriate instructions are available in case a decision to recommend use of KI is made. Appropriate record keeping of the administration of KI for institutionalized individuals and general public is maintained.

- 1) FMTs will simulate taking KI prior to deployment into the field and will fill out appropriate paperwork, per procedures.
- 2) Other players will simulate taking KI as appropriate for the scenario and in accordance with plans and procedures.
- 3) The FTC and WDC are not responsible for maintaining records for KI administration to institutionalized individuals or the public.

Criterion 4.a.2: Field teams (two or more) are managed to obtain sufficient information to help characterize the release and to control radiation exposure.

- 1) This criterion will be demonstrated per procedures, except as indicated elsewhere in this document.
- 2) Radiological releases will be simulated, and data will be provided by simulator and controller inject.

Criterion 4.a.3: Ambient radiation measurements are made and recorded at appropriate locations, and radioiodine and particulate samples are collected. Teams will move to an appropriate low background location to determine whether any significant (as specified in the plan and/or procedures) amount of radioactivity has been collected on the sampling media.

- 1) All radiological releases will be simulated.

- 2) Radiological data will be provided by controller inject, Virtual Plumes and Teletrix, or other appropriate means.
- 3) Two FMTs will demonstrate the capability to take and record ambient radiation measurements of a simulated airborne plume per procedures.
- 4) The release point and monitoring routes will be based on Fermi.
- 5) Air samples will be collected and counted by FMTs per applicable procedures.
- 6) FMTs will demonstrate relinquishing control of samples to the WDC, per applicable procedures.

Criterion 6.b.1: The facility/ORO has adequate procedures and resources to accomplish monitoring and Decontamination of emergency workers and their equipment and vehicles.

- 1) This will be demonstrated at the WDC per applicable procedures.
- 2) No water will be used for Decontamination during this demonstration.
- 3) Specific information on the number of individuals who will be monitored and the outcomes of monitoring people, vehicles, and equipment will be included in the technical data package. At least one individual will have simulated contamination.
- 4) WDC staff will be able to answer questions about the Decontamination procedures.
- 5) One WDC worker will demonstrate donning and doffing PPE. The worker will not wear PPE for the entire demonstration but may be asked to perform several tasks in PPE or wear the PPE for a period of time (e.g., 10 minutes).

Exercise Conclusion

Once the FEMA evaluator and EGLE Lead Technical Controller agree that all criteria have been demonstrated and any criteria approved for, and needing, redemonstration have been completed, the EGLE controller will announce the exercise has concluded. At this point, exercise play will stop, and all evaluation activities will cease.

APPENDIX F: Scenario Timeline

0730 EDT	Exercise begins on Unit 2.
0805 EDT	A Reactor Building Closed Cooling Water pump leak occurs.
0830 EDT	A Reactor Recirculation pump fails along with high drywell pressure resulting in a leak inside containment and an Alert Emergency Classification Level (ECL) due to the loss or potential loss of one fission barrier (FA1.1).
0845 EDT	The Offsite Response Agencies (OROs) should be notified of the Alert ECL.
0930 EDT	A seismic event results in a large break loss of coolant accident and core damage as indicated by radiation monitor results. A Site Area Emergency ECL is declared for the loss or potential loss of two fission barriers (FS1.1).
0945 EDT	The OROs should be notified of the Site Area Emergency ECL.
1030 EDT	A radiological release occurs through drywell penetrations.
1050 EDT	Radiation monitors increase reaching the threshold for a General Emergency ECL due to the loss or potential loss of all three fission barriers (FG1.1). The Protective Action Recommendations (PARs) are to evacuate Protective Action Areas (PAA) 1, 2, and 6 (portion of Lake Erie).
1105 EDT	The OROs should be notified of the General Emergency ECL.
1205 EDT	A wind shift occurs, resulting in a PAR change to add evacuation of Sector R, PAA 3.
1220 EDT	The OROs should be notified of the PAR change.
1300 EDT	The exercise is terminated when objectives have been met.