



Prairie Island Nuclear Generating Plant

After Action Report/ Improvement Plan

Exercise Date - July 29, 2014

Radiological Emergency Preparedness (REP) Program



FEMA

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Radiological Emergency Preparedness Program (REP)

After Action Report/Improvement Plan

Prairie Island Nuclear Generating Plant

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EXECUTIVE SUMMARY

On July 29, 2014, a Radiological Emergency Preparedness (REP) Full Participation Plume Exposure Pathway Hostile Action Based Exercise evaluation was conducted by the U.S. Department of Homeland Security (DHS)/Federal Emergency Management Agency (FEMA) for the 10-mile Emergency Planning Zone (EPZ) around the Prairie Island Nuclear Generating Plant (PINGP). The purpose of the exercise was to assess the level of State and local preparedness in responding to a radiological emergency. This exercise was held in accordance with DHS/FEMA's policies and guidance concerning the exercise of State and local Radiological Emergency Response Plans (RERPs) and procedures.

The most recent exercise at this site was conducted on July 10, 2012. The qualifying emergency preparedness exercise was conducted on December 8, 1981.

EMERGENCY PLANNING ZONE (EPZ) DESCRIPTION

The Xcel Energy Corporation owns and operates the PINGP. The plant consists of two pressurized water reactors (Units 1 and 2); both rated at 560 megawatts (MW). The operating licenses for the facility were granted in August 1973 (Unit 1) and October 1974 (Unit 2). Commercial operations began at the site during December 1973 (Unit 1) and December 1974 (Unit 2). The plant site consists of approximately 560 acres located in the City of Red Wing (2010 population: 16,116) on the west bank of the Mississippi River in Goodhue County, Minnesota. The latitude of the site is 44° 37'3" north and the longitude is 92° 37'9" west. The property is level to slightly rolling. The site elevation ranges from 675 to 706 feet above mean sea level (msl). The Mississippi River flows from northeast to southwest through the 10-mile EPZ. The Vermillion River flows northwest to southeast. Steep bluffs surround the river, rising to more than 1,000 feet above msl about 1½ miles northeast and southwest of the site. The following Sub-Areas are included within the 10-mile EPZ: Sub-Areas 2, 5N, 5E, 5S, 5W, 10N, 10NE, 10E, 10SE, 10SW, 10W and 10NW.

The total plume pathway 10-mile EPZ population is 40,879 (2014 Xcel Energy data). The nearest large population centers are St. Paul, Minnesota (2013 population 294,873), 26 miles northwest of the site; Minneapolis, Minnesota (400,070), 26 miles northwest of the site; Rochester, Minnesota (110,742), 41 miles south; and Eau Claire, Wisconsin (67,545), 55 miles east-northeast. Goodhue County, in which the site is located, and the adjacent counties (Dakota

in Minnesota and Pierce in Wisconsin) are predominately rural. Located within two miles of the site, however, is a Native-American-owned gambling casino, the Treasure Island Casino, which is situated on the Prairie Island reservation, which has an average daily attendance of 23,000 persons per day. The remaining land within a 10-mile radius of the site is almost exclusively agricultural.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in this exercise. In the State of Minnesota, the risk counties of Goodhue and Dakota participated along with State Government and the Prairie Island Indian Community. In the State of Wisconsin, the risk county of Pierce participated along with State Government.

Protecting the public health and safety is the full-time job of some of the exercise participants and an additional assigned responsibility for others. Still others have willingly sought this responsibility by volunteering to provide vital emergency services to their communities. Cooperation and teamwork on the part of all the participants were evident during this exercise.

This Final Report contains the evaluation of the biennial exercise and the evaluation of the following out-of-sequence interviews and activities:

State of Minnesota

- Medical Services Transportation and Hospital evaluation at Regions Hospital;
- Medical Services Transportation and Hospital evaluation at St. Elizabeth Medical Center;
- State of Minnesota Command Van and Field Teams;
- Emergency Worker Dose Limit functional interview.

Goodhue County

- Emergency Worker Dose Limit functional interview

Dakota County

- Emergency Worker Dose Limit functional interview

State of Wisconsin

- Medical Services Hospital evaluation at Sacred Heart Hospital;
- Monitoring and Decontamination of Evacuees and Emergency Workers at the Elmwood

School;

- Monitoring and Decontamination of Evacuees Vehicles and Emergency Workers Vehicle and their equipment at the Elmwood School.

Pierce County

- Protective Actions for Schools (EV-2) for Prairie View Elementary;
- Public Registration at the Elmwood School;
- Medical Services Transportation at Elmwood School.

Except where noted in this report, the State and local organizations demonstrated knowledge of and adequately implemented their emergency response plans and procedures.

No Deficiencies, ARCAs or Plan Issues were identified for the State of Minnesota and the Counties of Dakota and Goodhue during this exercise. There was one ARCA resolved for the Counties of Goodhue and Dakota.

The ARCA that was resolved for Dakota County was identified under Criterion 3.d.2 – Impediments to evacuation are identified.

The ARCA that was resolved for Goodhue County was identified under Criterion 3.a.1 – The Offsite Response Organizations (ORO) issue appropriate dosimetry, potassium iodide (KI), and procedures, and manage radiological exposure to emergency workers in accordance with the plans/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. The OROs maintain appropriate record-keeping of the administration of KI to emergency workers.

No Deficiencies, ARCAs or Plan Issues were identified for the State of Wisconsin or for Pierce County during this exercise.

Section 3 of this report, entitled “Analysis of Capabilities” presents detailed information on the ARCAs and Planning Issues.

INTRODUCTION - EXERCISE BASIS

On December 7, 1979, the President directed the FEMA to assume the lead responsibility for all

offsite nuclear planning and response. The DHS/FEMA's activities are conducted pursuant to 44 Code of Federal Regulations (CFR) Parts 350 "Review and Approval of State and Local Radiological Emergency Plans and Preparedness", 351 "Radiological Emergency Planning and Preparedness" and 352 "Commercial Nuclear Power Plants: Emergency Preparedness Planning." These regulations are a key element in the Radiological Emergency Preparedness (REP) Program that was established following the Three Mile Island Nuclear Station accident in March 1979.

The FEMA Rule 44 CFR 350 establishes the policies and procedures for the DHS/FEMA's initial and continued approval of State and local governments' radiological emergency planning and preparedness for commercial nuclear power plants. This approval is contingent, in part, on State and local governments' participation in joint exercises with licensees.

The DHS/FEMA's 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 the RERPs 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 June 17, 1993 (Federal Register, Vol. 58, No. 176, September 14, 1993)
- 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 the Interior;
 - U.S. Department of Transportation;
 - U.S. Environmental Protection Agency;
 - U.S. Food and Drug Administration; and
 - U.S. Nuclear Regulatory Commission.

Representatives of these agencies serve on the DHS/FEMA Region V Regional Assistance

Committee (RAC), which is chaired by the DHS/FEMA.

Formal submission of the RERPs for the PINGP to the FEMA Region V by the State of Minnesota and involved local jurisdictions occurred on March 12, 1981, and the State of Wisconsin and involved local jurisdictions on April 6, 1981. Formal approval of these RERPs was granted by the FEMA to the State of Minnesota during September 1985 and to the State of Wisconsin during May 1985, under 44 CFR 350.

A REP Full Participation Plume Exposure Pathway Hostile Action Based Exercise was conducted on July 29, 2014, 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 health and safety during a radiological emergency involving the PINGP. The purpose of this exercise report is to present the exercise results and findings on the performance of the ORO during a simulated radiological emergency.

The findings presented in this report are based on the evaluations of the Federal evaluation team, with final determinations made by the DHS/FEMA Region V Co-RAC Chairperson, 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 Plants," November 1980; and
- FEMA Radiological Emergency Preparedness: Exercise Evaluation Methodology; as published in the FEMA Radiological Emergency Preparedness Manual, dated June 2013.

Section 1 of this report, entitled "Exercise Overview", presents information pertaining to the team that planned and coordinated the exercise. This section also provides a listing of all participating jurisdictions and functional entities that were evaluated.

Section 2 of this report, entitled "Exercise Design Summary", contains the purpose and design of the exercise, a description of the plume pathway EPZ and presents basic information and data relevant to the exercise scenario.

Section 3 of this report, entitled "Analysis of Capabilities," presents detailed information on the

demonstration of applicable exercise criteria at each jurisdiction or functional entity evaluated in a jurisdiction-based, issues-only format. This section also contains: (1) descriptions of all Deficiencies and ARCAs (if any) assessed during this exercise, (2) descriptions of unresolved ARCAs assessed during previous exercises and the status of the OROs' efforts to resolve them.

Section 4 of this report, entitled “Conclusion” presents the DHS/FEMA summary of overall exercise conduct and results as evaluated against the requirements of 44 CFR 350.

Except where noted in this report, the State and local organizations demonstrated knowledge of and adequately implemented their emergency response plans and procedures.

SECTION 1: EXERCISE OVERVIEW

1.1 Exercise Details

Exercise Name

Prairie Island Nuclear Generating Plant

Type of Exercise

Plume

Exercise Date

July 29, 2014

Program

Department of Homeland Security/FEMA Radiological Emergency Preparedness Program

Scenario Type

Radiological Emergency

1.2 Exercise Planning Team Leadership

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1.3 Participating Organizations

Agencies and organizations of the following jurisdictions participated in the Prairie Island Nuclear Generating Plant exercise:

State Jurisdictions

- Bureau of Criminal Apprehension
- Department of Public Safety, Division of Homeland Security and Emergency
- Minnesota Department of Agriculture
- Minnesota Department of Education
- Minnesota Department of Health
- Minnesota Department of Health, Public Health Laboratory
- Minnesota Department of Human Services
- Minnesota Department of Military Affairs
- Minnesota Department of Natural Resources
- Minnesota Department of Transportation
- Minnesota Geospatial Information Office
- Minnesota School Safety Center
- Minnesota State Patrol
- Minnesota Voluntary Organizations Active in Disasters
- Prairie Island Indian Community
- State of Minnesota Emergency Medical Services Regulatory Board
- State of Minnesota Governor's Office
- State of Minnesota National Guard
- Wisconsin Department of Corrections
- Wisconsin Department of Education

Wisconsin Department of Health Services

Wisconsin Department of Justice

Wisconsin Department of Military Affairs

Wisconsin Department of Natural Resources

Wisconsin Emergency Management

Wisconsin National Guard

Wisconsin Public Affairs Office

Wisconsin State Patrol

University of Minnesota Agriculture Department

Risk Jurisdictions

City of Red Wing Emergency Management

City of Red Wing Fire Department

City of Red Wing Police Department

Dakota County Commissioner

Dakota County Communications Center

Dakota County Community Services Department

Dakota County Department of Health

Dakota County Employment & Economic Assistance

Dakota County Emergency Management

Dakota County Environmental Agency

Dakota County Geospatial Information Systems

Dakota County Public Information Officer

Dakota County Radiological Defense Officer

Dakota County Sherriff's Office

Goodhue County Department of Health

Goodhue County Emergency Management

Goodhue County Public Works Department

Goodhue County Radiological Defense Officer

Goodhue County Sheriff's Office

Goodhue County Social Services

Hastings Fire Department

Pierce County Department of Health

Pierce County Department of Human Services

Pierce County Emergency Management Department

Pierce County Highway Department

Pierce County Sheriff's Department

Support Jurisdictions

Amateur Radio Emergency Services

American Red Cross

Salvation Army

Private Organizations

Xcel Energy

Federal Jurisdictions

Federal Emergency Management Agency

Nuclear Regulatory Commission

SECTION 2: EXERCISE DESIGN SUMMARY

2.1 Exercise Purpose and Design

The DHS/FEMA Region V Office evaluated the PINGP REP Full Participation Plume Exposure Pathway Hostile Action Based Exercise conducted on July 29, 2014, to assess the capabilities of local emergency preparedness organizations in implementing their RERP and procedures to protect the public's health and safety during a radiological emergency involving the PINGP. The purpose of this report is to present the results and findings on the performance of the OROs during a simulated radiological emergency.

2.2 Exercise Objectives, Capabilities and Activities

Exercise objectives and identified Capabilities/REP Criteria selected to be demonstrated are discussed in Appendix D "Exercise Plan." The Exercise Planning Team (EPT) selected objectives that focus on evaluating emergency response procedures, identifying areas for improvement, and fostering collaboration between the various OROs and stakeholders. This exercise focused on the following objectives:

- ORO demonstration of effective Emergency Operations Management;
- ORO demonstration of effective Protective Action Decision Making;
- ORO demonstration of effective Protective Action Implementation;
- ORO demonstration of effective Field Measurement and Analysis;
- ORO demonstration of effective Emergency Notification and Public Information and;
- ORO demonstration of effective Support Operations and Facilities.

2.3 Scenario Summary

Appendix E "Offsite Timeline," contains a summary of the Exercise Scenario, a simulated sequence of events that was used as the basis for invoking emergency response actions by OROs in the Prairie Island Nuclear Generating Plant REP Full Participation Plume Exposure Pathway Hostile Action Based Exercise on July 29, 2014.

This exercise scenario was submitted by the State of Minnesota, the State of Wisconsin and Xcel Energy and accepted by DHS/FEMA Region V on June 29, 2014.

During the exercise, in addition to information and data provided through the Prairie Island

Nuclear Generating Plant onsite scenario, controllers from the State of Minnesota and the State of Wisconsin provided “inject messages” containing scenario events and/or relevant data to those persons or locations who would normally receive notification of such events. These inject messages were the method used for invoking additional specific response actions by OROs.

The details of the scenario are included in Appendix E “Offsite Timeline.”

SECTION 3: ANALYSIS OF CAPABILITIES

3.1 Exercise Evaluation and Results

Contained in this section are the results and findings of the evaluation of all jurisdictions and functional entities that participated in the July 29, 2014, REP Full Participation Plume Exposure Pathway Hostile Action Based Exercise to test the off-site emergency response capabilities of State and local governments in the 10-mile EPZ surrounding the PINGP.

Each jurisdiction and functional entity was evaluated based on its demonstration of exercise criteria delineated in the FEMA REP Program Manual, dated June 2013. Detailed information on the exercise criteria and the extent-of-play agreement used in this exercise are found in Appendix D of this report.

Presented below are definitions of the terms used in this report relative to the criteria demonstration status:

- A – ARCA – An observed or identified inadequacy of organizational performance in an exercise that is not considered, by itself, to adversely impact public health and safety. Listing of the demonstrated exercise criteria under which one or more ARCAs was/were assessed during the current exercise or ARCAs assessed during prior exercises remain unresolved. Included is a description of any ARCAs assessed during this exercise and the recommended corrective action to be demonstrated before or during the next biennial exercise
- P – Plan Issue – An observed or identified inadequacy in the ORO's emergency plan or implementing procedures, rather than in the ORO's performance
- N – Not Demonstrated – Exercise criteria that were not demonstrated as scheduled during this exercise and the reason(s) they were not demonstrated
- Prior ARCAs - Resolved – Descriptions of ARCAs assessed during previous exercises that were resolved and the corrective actions demonstrated in this exercise and
- Prior ARCAs - Unresolved – Descriptions of ARCAs assessed during prior exercises that were not resolved in this exercise. Included is the reason the ARCA remains unresolved and recommended corrective actions to be demonstrated before or during the next exercise.
- Prior Plan Issues - Resolved – Descriptions of Plan Issues assessed during previous exercises that were resolved and the corrective actions demonstrated, in this exercise.
- Prior Plan Issues - Unresolved – Descriptions of Plan Issues assessed during prior exercises that were not resolved in this exercise. Included is the reason the Plan

Issue remains unresolved and recommended corrective actions to be demonstrated before or during the next exercise.

3.2 Summary Results of Exercise Evaluation

The matrix presented in Table 3.1, on the following pages, presents the status of all exercise criteria from the FEMA REP Program Manual, dated June 2013, which were scheduled for demonstration during this exercise by all participating jurisdictions and functional entities. The criterion status box is blank if it was not scheduled for demonstration.

This subsection provides information on the evaluation of each participating jurisdiction and functional entity in a jurisdiction-based, issues-only format.

The DHS/FEMA has developed a standardized system for numbering exercise issues. This system is used to achieve consistency in numbering exercise issues among the DHS/FEMA Regions and site-specific exercise reports within each Region. It also is used to expedite tracking of exercise issues on a nationwide basis.

The identifying number of Deficiencies, Areas Requiring Corrective Action (ARCA), and Plan Issues includes the following elements, with each element separated by a hyphen (-).

- Plant Site Identifier – A two-digit number, corresponding to the Utility Billable Plant Site Code (50 for the Prairie Island Nuclear Generating Plant).
- Exercise Year – The last two digits of the year the exercise was conducted.
- Criterion Number – An alpha and two-digit number corresponding to the criteria numbers in the six Exercise Evaluation Areas described in the FEMA REP Program Manual, dated June 2013.
- Issue Classification Identifier – (D = Deficiency, A = ARCA, P = Plan Issue).
- Exercise Identification Number – A separate two or three-digit indexing number assigned to each issue identified in the exercise.

Table 3.1 - Summary of Exercise Evaluation (5 pages)

<p style="text-align: center;">DATE: 2014-07-29 SITE: Prairie Island Nuclear Generating Plant, MN M: Met, A: ARCA, D: Deficiency, P: Plan Issue, N: Not Demonstrated</p>			MN-Cottage Grove EMS-MS-1T	MN-Regions Hospital-MS1-F	MN-BCA-IWP	State of Minnesota EOC	Planning Assessment Center	MN-Public Inquiry Hotline-EOC	Joint Information Center-Media Brief	State of Minnesota JIC	MN-EOC Goodhue County-RPC	MN-EOC Dakota County-RPC	MN-Goodhue County-MSP-TACP-Brief
Emergency Operations Management													
Mobilization	1a1			M	M	M				M	M	M	
Facilities	1b1												
Direction and Control	1c1				M	M				M	M	M	
Communications Equipment	1d1	M	M	M	M	M	M		M				
Equipment and Supplies to Support Operations	1e1	M	M		M	M	M		M				M
Protective Action Decision Making													
EW Exposure Control Decisions	2a1				M	M							
PARs	2b1				M	M							
PADs	2b2				M	M							
PADs for Disabled/Functional Needs	2c1				M								
Ingestion PADs	2d1												
RRR Decisions	2e1												
Protective Action Implementation													
EW Exposure Control Implementation	3a1	M	M		M								M
KI Public/Institutionalized	3b1				M	M							
PAD Implementation Disabled/Functional Needs	3c1												
PAD Implementation Schools	3c2				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	M				M	M		
RESERVED	5a2												
Backup Alert & Notification	5a3												
Exception Area Alerting	5a4												
Subsequent Information & Instructions	5b1				M		M	M	M				
Support Operations/Facilities													
Reception Center Operations	6a1												

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EW Monitoring & Decontamination	6b1													
Congregate Care	6c1													
Contaminated Injured Transport & Care	6d1	M	M											

Table 3.1 - Summary of Exercise Evaluation (Continued. page 2/5)

DATE: 2014-07-29 SITE: Prairie Island Nuclear Generating Plant, MN M: Met, A: ARCA, D: Deficiency, P: Plan Issue, N: Not Demonstrated		MN-Goodhue County-MSP-TACP-Interview	PAC-EW Dose Limit	MN-RAD Team Command Van	MN-Rad. Accident Deployment Team #1	MN-Rad. Accident Deployment Team #2	MN-Saint Elizabeth's-MS-1-Trans	MN-Saint Elizabeth's-MS-1 Facility	Goodhue-IWP	Goodhue County-SEOC-JIC-PIO	Goodhue-EOC	Goodhue County-EOC-TACP-Brief
Emergency Operations Management												
Mobilization	1a1			M	M	M			M		M	
Facilities	1b1											
Direction and Control	1c1										M	
Communications Equipment	1d1	M		M	M	M	M	M	M		M	
Equipment and Supplies to Support Operations	1e1	M		M	M	M	M	M			M	M
Protective Action Decision Making												
EW Exposure Control Decisions	2a1		M								M	
PARs	2b1											
PADs	2b2										M	
PADs for Disabled/Functional Needs	2c1										M	
Ingestion PADs	2d1											
RRR Decisions	2e1											
Protective Action Implementation												
EW Exposure Control Implementation	3a1	M		M	M	M	M	M			M	M
KI Public/Institutionalized	3b1										M	
PAD Implementation Disabled/Functional Needs	3c1											
PAD Implementation Schools	3c2										M	
TACP Establishment	3d1	M									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			M								
Field Team Operations	4a3				M	M						
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	

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Prairie Island Nuclear Generating Plant

Support Operations/Facilities														
Reception Center Operations	6a1													
EW Monitoring & Decontamination	6b1													
Congregate Care	6c1													
Contaminated Injured Transport & Care	6d1							M	M					

Table 3.1 - Summary of Exercise Evaluation (Continued. page 3/5)

<p style="text-align: center;">DATE: 2014-07-29 SITE: Prairie Island Nuclear Generating Plant, MN M: Met, A: ARCA, D: Deficiency, P: Plan Issue, N: Not Demonstrated</p>			Goodhue County-EOC-TACP-Interview	Goodhue County-EOC-EW Dose Limits	Goodhue County-ICP	Goodhue County-Staging Area	Dakota County-IWP	Dakota County-SEOC-JIC-PIO	Dakota County-EOC	Dakota County EOC-TACP-Brief	Dakota County-EOC-TACP-Interview	Dakota County-EOC-EW Dose Limits	WI-SWC#2-IWP
Emergency Operations Management													
Mobilization	1a1			M	M	M		M					M
Facilities	1b1												
Direction and Control	1c1			M	M			M					
Communications Equipment	1d1	M		M	M	M		M		M			M
Equipment and Supplies to Support Operations	1e1	M		M	M			M	M	M			
Protective Action Decision Making													
EW Exposure Control Decisions	2a1		M					M				M	
PARs	2b1												
PADs	2b2			M				M					
PADs for Disabled/Functional Needs	2c1							M					
Ingestion PADs	2d1												
RRR Decisions	2e1												
Protective Action Implementation													
EW Exposure Control Implementation	3a1	M		M	M			M	M	M			
KI Public/Institutionalized	3b1							M					
PAD Implementation Disabled/Functional Needs	3c1												
PAD Implementation Schools	3c2							M					
TACP Establishment	3d1	M						M		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/Facilities													
Reception Center Operations	6a1												

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Radiological Emergency Preparedness Program (REP)

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EW Monitoring & Decontamination	6b1												
Congregate Care	6c1												
Contaminated Injured Transport & Care	6d1												

Table 3.1 - Summary of Exercise Evaluation (Continued. page 4/5)

DATE: 2014-07-29 SITE: Prairie Island Nuclear Generating Plant, MN M: Met, A: ARCA, D: Deficiency, P: Plan Issue, N: Not Demonstrated		WI-SEOC	WI-SEOC-RadCord	WI-FOC/MRL	WI-RAFT#1	W-RAFT #2	WI-SEOC-JIC-PIO-MN JIC	WI-PL-HC-IC-BU	WI-Elmwood HS-EvWM	WI-Elmwood HS-EvMDV	WI-Sacred Heart H-MS1-F	PIE-SDC-IWP
Emergency Operations Management												
Mobilization	1a1	M	M	M	M	M	M	M				M
Facilities	1b1											
Direction and Control	1c1	M	M	M			M	M				
Communications Equipment	1d1	M	M	M	M	M	M	M	M	M	M	M
Equipment and Supplies to Support Operations	1e1	M	M	M	M	M		M	M	M	M	
Protective Action Decision Making												
EW Exposure Control Decisions	2a1	M	M	M								
PARs	2b1	M	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		M	M	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	M								
Field Team Operations	4a3				M	M						
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/Facilities												
Reception Center Operations	6a1								M			
EW Monitoring & Decontamination	6b1									M		
Congregate Care	6c1											
Contaminated Injured Transport & Care	6d1										M	

Table 3.1 - Summary of Exercise Evaluation (Continued. page 5/5)

DATE: 2014-07-29 SITE: Prairie Island Nuclear Generating Plant, MN M: Met, A: ARCA, D: Deficiency, P: Plan Issue, N: Not Demonstrated		PIE-EOC	PIE-EOC-TACP-Interview	PIE-JIC-PIO	PIE-Ellsworth AmbSrv-MS1-T	WI-Elmwood RC-DDDP-Briefing	PIE-Prairie View SD-EV2	WI-Elmwood RC-DDDP-Interview	EW Exposure Control-Briefing	Pierce County-PIO at MN JIC Media	EV/EW Registration	CCC-Spring Valley Middle-HS
Emergency Operations Management												
Mobilization	1a1	M		M						M		
Facilities	1b1											
Direction and Control	1c1	M									M	
Communications Equipment	1d1	M	M	M	M		M			M	M	M
Equipment and Supplies to Support Operations	1e1	M	M	M	M	M	M	M	M	M	M	M
Protective Action Decision Making												
EW Exposure Control Decisions	2a1	M										
PARs	2b1											
PADs	2b2	M										
PADs for Disabled/Functional Needs	2c1	M										
Ingestion PADs	2d1											
RRR Decisions	2e1											
Protective Action Implementation												
EW Exposure Control Implementation	3a1	M	M		M	M	M	M	M			
KI Public/Institutionalized	3b1	M										
PAD Implementation Disabled/Functional Needs	3c1	M										
PAD Implementation Schools	3c2	M				M						
TACP Establishment	3d1	M	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/Facilities												
Reception Center Operations	6a1										M	
EW Monitoring & Decontamination	6b1											

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Congregate Care	6c1												M
Contaminated Injured Transport & Care	6d1				M								

3.3 Criteria Evaluation Summaries

3.3.1 Minnesota Jurisdictions

3.3.1.1 State of Minnesota - Cottage Grove Emergency Medical Services - Medical Services - Transportation

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.2 State of Minnesota - Regions Hospital - Medical Services - Facility

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.3 State of Minnesota - Bureau of Criminal Apprehension - Initial Warning Point

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

-
- f. PRIOR ISSUES - RESOLVED: None
 - g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.4 State of Minnesota - Emergency Operations Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.1, 2.b.2, 2.c.1, 3.a.1, 3.b.1, 3.c.2, 3.d.1, 3.d.2, 5.a.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.5 State of Minnesota - Emergency Operations Center - Planning and Assessment Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.1, 2.b.2, 3.b.1, 5.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.6 State of Minnesota - Emergency Operations Center - Public Inquiry Hotline Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.7 State of Minnesota - Emergency Operations Center - Joint Information Center - Media Briefings

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.8 State of Minnesota - Emergency Operations Center - Joint Information Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.9 State of Minnesota - Goodhue County Emergency Operations Center - Regional Program Coordinator

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 5.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

-
- f. PRIOR ISSUES - RESOLVED: None
 - g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.10 State of Minnesota - Dakota County Emergency Operations Center - Regional Program Coordinator

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 5.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.11 State of Minnesota - Goodhue County Emergency Operations Center - Minnesota State Police - Briefing

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.e.1, 3.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.12 State of Minnesota - Goodhue County Emergency Operations Center - Minnesota State Police - Traffic and Access Control Point - Interview

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 3.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None

-
- e. NOT DEMONSTRATED: None
 - f. PRIOR ISSUES - RESOLVED: None
 - g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.13 State of Minnesota - Emergency Operations Center - Planning and Assessment Center - Emergency Worker Dose Limit

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 2.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.14 State of Minnesota - Radiological Accident Deployment Team Command Van

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1, 1.e.1, 3.a.1, 4.a.2.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.15 State of Minnesota - Radiological Accident Deployment Team #1

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1, 1.e.1, 3.a.1, 4.a.3.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.16 State of Minnesota - Radiological Accident Deployment Team #2

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1, 1.e.1, 3.a.1, 4.a.3.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.17 State of Minnesota - Saint Elizabeth's Medical Center - Medical Services - Transportation - Wabasha Community Ambulance Service

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.18 State of Minnesota - Saint Elizabeth's Medical Center - Medical Services - Facility

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None

- g. PRIOR ISSUES - UNRESOLVED: None

3.3.1.19 State of Wisconsin - State Emergency Operations Center/State of Minnesota Joint Information Center - Public Information Officer

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2 Risk Jurisdictions

3.3.2.1 Goodhue County - Initial Warning Point

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.2 Goodhue County - Joint Information Center - Public Information Officer

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

-
- f. PRIOR ISSUES - RESOLVED: None
 - g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.3 Goodhue County - Emergency Operations Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.2, 2.c.1, 3.a.1, 3.b.1, 3.c.2, 3.d.1, 3.d.2, 5.a.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: 3.a.1.

ISSUE NO.: 50-12-3a1-A-05

ISSUE: Permanent Record Dosimeters (PRDs), such as Thermoluminescent Dosimeters (TLDs), were not issued to each of the EOC staff. The EOC was located inside the PINGP 10-mile EPZ. While the Radiological Officer included PRDs in the three group dosimetry kits deployed throughout the EOC, he did not issue a PRD to each EOC participant, as required by the Extent-of-Play Agreement and current FEMA guidance.

CORRECTIVE ACTION DEMONSTRATED: During the Prairie Island Nuclear Generating Plant Radiological Emergency Preparedness Full Participation Plume Exposure Pathway Hostile Action Based Exercise all Goodhue County Emergency Operations Center Workers were issued a Thermoluminescent Dosimeter.

- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.4 Goodhue County - Emergency Operations Center - Traffic and Access Control Point - Briefing

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.e.1, 3.a.1.

- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.5 Goodhue County - Emergency Operations Center - Traffic and Access Control Point - Interview

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 3.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.6 Goodhue County - Emergency Operations Center- Emergency Worker Dose Limits

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 2.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.7 Goodhue County - Incident Command Post

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.b.2, 3.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None

- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.8 Goodhue County - Staging Area

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 3.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.9 Dakota County - Initial Warning Point

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.10 Dakota County - Joint Information Center - Public Information Officer

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None

- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.11 Dakota County - Emergency Operations Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.2, 2.c.1, 3.a.1, 3.b.1, 3.c.2, 3.d.1, 3.d.2, 5.a.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: 3.d.2.

ISSUE NO.: 50-12-3d2-A-06

ISSUE: Lack of communication and coordination with other EOC agencies resulted in the incorrect evacuation route being selected.

CORRECTIVE ACTION DEMONSTRATED: Communications with the State EOC and the Minnesota State Police resulted in the correct evacuation routes being selected.

- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.12 Dakota County - Emergency Operations Center - Traffic and Access Control Point - Briefing

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.e.1, 3.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.13 Dakota County - Emergency Operations Center - Traffic and Access Control Point - Interview

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 3.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.14 Dakota County - Emergency Operations Center- Emergency Worker Dose Limits

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 2.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.2.15 Pierce County - PIO at State of Minnesota JIC - Media Briefing

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1, 1.e.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None

- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3 Wisconsin Jurisdictions

3.3.3.1 State of Wisconsin - State Warning Center #2 - Initial Warning Point

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.2 State of Wisconsin - Emergency Operations Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.1, 2.b.2, 2.c.1, 5.a.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.3 State of Wisconsin - State Emergency Operations Center - Radiological Coordinator

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.1, 2.b.2, 2.c.1, 3.a.1, 4.a.2.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None

- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.4 State of Wisconsin - Forward Operations Center - Mobile Radiological Laboratory

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 3.a.1, 4.a.2.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.5 State of Wisconsin - Restricted Area Field Team #1

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1, 1.e.1, 3.a.1, 4.a.3.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.6 State of Wisconsin - Restricted Area Field Team #2

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1, 1.e.1, 3.a.1, 4.a.3.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.7 State of Wisconsin - Public Inquiry Hotline Center - Joint Information Backup

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.8 State of Wisconsin - Elmwood High School - Evacuee/Emergency Worker Monitoring and Decontamination

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.9 State of Wisconsin - Elmwood High School - Emergency Worker and Evacuee Vehicle Monitoring and Decontamination of Vehicles

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.10 State of Wisconsin - Sacred Heart Hospital - Medical Service - Facility

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.11 State of Wisconsin - Elmwood Reception Center - Dosimetry Distribution Point - Briefing

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.e.1, 3.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.3.12 State of Wisconsin - Elmwood Reception Center - Dosimetry Distribution Point - Interview

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.e.1, 3.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4 Risk Jurisdictions

3.3.4.1 Pierce County -Sheriff's Dispatch Center - Initial Warning Point

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.2 Pierce County - Emergency Operations Center

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.c.1, 1.d.1, 1.e.1, 2.a.1, 2.b.2, 2.c.1, 3.a.1, 3.b.1, 3.c.1, 3.c.2, 3.d.1, 3.d.2, 5.a.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.3 Pierce County - Emergency Operations Center - Traffic and Access Control Post - Interview

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 3.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None

- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.4 Pierce County - Joint Information Center - Public Information Officer

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.a.1, 1.d.1, 1.e.1, 5.b.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.5 Pierce County - Ellsworth Ambulance Service - Medical Service - Transportation

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 6.d.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.6 Pierce County - Prairie View School District - Evacuation School

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 3.a.1, 3.c.2.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.7 Pierce County - Emergency Worker Exposure Control - Briefing

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.e.1, 3.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.8 Pierce County - Evacuee/Emergency Worker Registration

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.c.1, 1.d.1, 1.e.1, 6.a.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

3.3.4.9 Pierce County - Congregate Care Center - Spring Valley Middle/High School

In summary, the status of DHS/FEMA criteria for this location is as follows:

- a. MET: 1.d.1, 1.e.1, 6.c.1.
- b. AREAS REQUIRING CORRECTIVE ACTION: None
- c. DEFICIENCY: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

SECTION 4: CONCLUSION

No Deficiencies, ARCAs or Plan Issues were identified for the State of Minnesota and the Counties of Dakota and Goodhue during this exercise. There was one ARCA resolved for the Counties of Goodhue and Dakota.

The ARCA that was resolved for Dakota County was identified under Criterion 3.d.2 – Impediments to evacuation are identified.

The ARCA that was resolved for Goodhue County was identified under Criterion 3.a.1 – The Offsite Response Organizations (ORO) issue appropriate dosimetry, potassium iodide (KI), and procedures, and manage radiological exposure to emergency workers in accordance with the plans/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. The OROs maintain appropriate record-keeping of the administration of KI to emergency workers.

No Deficiencies, ARCAs or Plan Issues were identified for the State of Wisconsin or for Pierce County during this exercise.

Based on the results of the July 29, 2014, the PINGP REP Full Participation Plume Exposure Pathway Hostile Action Based Exercise, the offsite radiological emergency response plans and preparedness for the State of Minnesota, the State of Wisconsin and affected local jurisdictions, site-specific to the PINGP, can be implemented and 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 a radiological emergency at the site.

Therefore, the Title 44 CFR, Part 350, approval of the offsite radiological emergency response plans and preparedness for the State of Minnesota and the State of Wisconsin site-specific to the PINGP, granted on January 4, 1981, remain in effect.

APPENDIX A: EXERCISE TIMELINE

Table 1, on the following pages, presents the times at which key events and activities occurred during the Prairie Island Nuclear Generating Plant Radiological Emergency Preparedness Full Participation Plume Exposure Pathway Hostile Action Based Exercise on Tuesday, July 29, 2014. Also included are times that notifications were made to the participating jurisdictions/functional entities.

Table 1 - Exercise Timeline
DATE: 2014-07-29, SITE: Prairie Island Nuclear Generating Plant, MN

Emergency Classification Level or Event	Time Utility Declared	State of Minnesota EOC	Planning Assessment Center	Joint Information Center-Media Brief	Goodhue EOC	Goodhue County-ICP	Goodhue County-Staging Area
Unusual Event	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Site Area Emergency	0819	0832	0834	0834	0830	0841	N/A
General Emergency	1046	1103	1058	1104	1102	1106	1116
Simulated Rad. Release Started	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Simulated Rad. Release Terminated	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0908	0908	0838	0922	0835	0834
Declaration of State of Emergency		0929	0935	0935	0930	0930	N/A
Exercise Termination		1223	1222	1222	1220	1220	1221
General Information Message		0852	0900	0920	0926	N/A	N/A
Early Precautionary Actions: Livestock Advisory		0913	0913	0913	0930	1057	N/A
Early Precautionary Actions: Evacuate Schools		0900	0846	0913	0925	0953	N/A
KI Administration Decision for Emergency Workers		1105	1104	1107	1115	1125	1116
Early Precautionary Actions: Evacuate State Parks and Hunting Areas		0900	0846	0900	N/A	N/A	N/A
Early Precautionary Actions: Air, Rail, and Water Restrictions		0900	0846	0900	N/A	0957	N/A
Protective Action Recommendation		1105	1103	N/A	N/A	N/A	N/A
Protective Action Decision		1114	1114	1116	1113	1114	N/A
KI Administration Decision for General Population		1114	1103	1116	1107	N/A	N/A
Siren Activation		1124	1119	1124	1124	1124	N/A
EAS Message		1127	1119	1127	1127	1127	N/A

Table 1 - Exercise Timeline
DATE: 2014-07-29, SITE: Prairie Island Nuclear Generating Plant, MN

Emergency Classification Level or Event	Time Utility Declared	Dakota County-EOC	WI-SEOC	WI-SEOC-RadCord	PIE-EOC
Unusual Event	N/A	N/A	N/A	N/A	N/A
Alert	N/A	N/A	N/A	N/A	N/A
Site Area Emergency	0819	0831	0826	0833	0831
General Emergency	1046	1101	1100	1059	1102
Simulated Rad. Release Started	N/A	N/A	N/A	N/A	N/A
Simulated Rad. Release Terminated	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0855	0935	0931	0900
Declaration of State of Emergency		0905	0951	0951	1000
Exercise Termination		1221	1227	1227	1223
General Information Message		0930	0900	N/A	0854
Early Precautionary Actions: Livestock Advisory		0930	0946	N/A	0956
Early Precautionary Actions: Evacuate Schools		0925	N/A	N/A	0915
KI Administration Decision for Emergency Workers		1115	1106	N/A	1116
Early Precautionary Actions: Evacuate State Parks and Hunting Areas		N/A	1009	N/A	1124
Early Precautionary Actions: Air, Rail, and Water Restrictions		N/A	1106	N/A	N/A
Protective Action Recommendation		N/A	1106	N/A	1052
Protective Action Decision		1113	1115	N/A	1116
KI Administration Decision for General Population		N/A	1106	N/A	1116
Siren Activation		1124	N/A	N/A	1124
EAS Message		1127	N/A	N/A	1127

APPENDIX B: EXERCISE EVALUATORS AND TEAM LEADERS

The following is a list of the evaluation team leadership followed by the team that evaluated the Prairie Island Nuclear Generating Plant Radiological Emergency Preparedness Full Participation Plume Exposure Pathway Hostile Action Based Exercise on Tuesday, July 29, 2014.

Stephen Tulley, Co-RAC Chairperson/Exercise Director, DHS/FEMA Region V

Edward Golinski, Site Specialist (Minnesota), DHS/FEMA Region V

James King, Site Specialist and Team Leader (Wisconsin), DHS/FEMA Region V

Carl Bebrich, Team Leader, State of Minnesota, DHS/FEMA Region V

Carolyn Sturghill, Team Leader, Dakota County, DHS/FEMA Region V

Todd Gemske, Team Leader, Goodhue County, DHS/FEMA Region V

David Persaud, Team Leader, Pierce County, DHS/FEMA Region V

ICF Consulting

DATE: 2014-07-29, SITE: Prairie Island Nuclear Generating Plant, MN

LOCATION	EVALUATOR	AGENCY
State of Minnesota - Cottage Grove Emergency Medical Services - Medical Services - Transportation	Thomas Essig	ICFI
State of Minnesota - Regions Hospital - Medical Services - Facility	Patrick Taylor	ICFI
State of Minnesota - Bureau of Criminal Apprehension - Initial Warning Point	*Edward Golinski	FEMA RV
State of Minnesota - Emergency Operations Center	Gary Bolender Bruce Swiren	ICFI ICFI
State of Minnesota - Emergency Operations Center - Planning and Assessment Center	Thomas Essig John Wills	ICFI ICFI
State of Minnesota - Emergency Operations Center - Public Inquiry Hotline Center	Debra Schneck	ICFI
State of Minnesota - Emergency Operations Center - Joint Information Center - Media Briefings	Debra Schneck	ICFI
State of Minnesota - Emergency Operations Center - Joint Information Center	Roy Smith	ICFI
State of Minnesota - Goodhue County Emergency Operations Center - Regional Program Coordinator	Todd Genskie	FEMA RV
State of Minnesota - Dakota County Emergency Operations Center - Regional Program Coordinator	Carolyn Sturghill	FEMA RV
State of Minnesota - Goodhue County Emergency Operations Center - Minnesota State Police - Briefing	Dennis Wilford	ICFI
State of Minnesota - Goodhue County Emergency Operations Center - Minnesota State Police - Traffic and Access Control Point - Interview	Janet Hlavaty-LaPosa	FEMA RX
State of Minnesota - Emergency Operations Center - Planning and Assessment Center - Emergency Worker Dose Limit	Patrick Taylor	ICFI
State of Minnesota - Radiological Accident Deployment Team Command Van	Paul Ward	FEMA HQ
State of Minnesota - Radiological Accident Deployment Team #1	Thomas Essig	ICFI
State of Minnesota - Radiological Accident Deployment Team #2	John Wills	ICFI
State of Minnesota - Saint Elizabeth's Medical Center - Medical Services - Transportation - Wabasha Community Ambulance Service	*Edward Golinski	FEMA RV
State of Minnesota - Saint Elizabeth's Medical Center - Medical Services - Facility	Edward Diaz	FEMA RV
State of Wisconsin - State Warning Center #2 - Initial Warning Point	Michael Burriss	ICFI
State of Wisconsin - Emergency Operations Center	Reggie Rodgers Richard Smith	ICFI ICF
State of Wisconsin - State Emergency Operations Center - Radiological Coordinator	Michael Howe	FEMA HQ
State of Wisconsin - Forward Operations Center - Mobile Radiological Laboratory	Kent Tosch	ICFI
State of Wisconsin - Restricted Area Field Team #1	Michael Henry	ICFI
State of Wisconsin - Restricted Area Field Team #2	John Zeidler	ICFI
State of Wisconsin - State Emergency Operations Center/State of Minnesota Joint Information Center - Public Information Officer	Roy Smith	ICFI
State of Wisconsin - Public Inquiry Hotline Center - Joint Information Backup	Meg Swearingen	ICFI
State of Wisconsin - Elmwood High School - Evacuee/Emergency Worker Monitoring and Decontamination	Richard Smith	ICF
State of Wisconsin - Elmwood High School - Emergency Worker and Evacuee Vehicle Monitoring and Decontamination of Vehicles	Michael Burriss	ICFI

Unclassified
Radiological Emergency Preparedness Program (REP)

After Action Report/Improvement Plan

Prairie Island Nuclear Generating Plant

State of Wisconsin - Sacred Heart Hospital - Medical Service - Facility	Robert Duggleby	ICFI
State of Wisconsin - Elmwood Reception Center - Dosimetry Distribution Point - Briefing	Alonzo McSwain	FEMA HQ
State of Wisconsin - Elmwood Reception Center - Dosimetry Distribution Point - Interview	Michael Henry	ICFI
Goodhue County - Initial Warning Point	Dennis Wilford	ICFI
Goodhue County - Joint Information Center - Public Information Officer	Roy Smith	ICFI
Goodhue County - Emergency Operations Center	*Todd Gemskie James Greer Janet Hlavaty-LaPosa Stephen Watts	FEMA RV ICFI FEMA RX ICFI
Goodhue County - Emergency Operations Center - Traffic and Access Control Point - Briefing	Dennis Wilford	ICFI
Goodhue County - Emergency Operations Center - Traffic and Access Control Point - Interview	James Greer	ICFI
Goodhue County - Emergency Operations Center- Emergency Worker Dose Limits	Patrick Taylor	ICFI
Goodhue County - Incident Command Post	Kerris Bates *Don Daniel	FEMA HQ FEMA RV
Goodhue County - Staging Area	Paul Nied	ICFI
Dakota County - Initial Warning Point	Paul Ward	FEMA HQ
Dakota County - Joint Information Center - Public Information Officer	Roy Smith	ICFI
Dakota County - Emergency Operations Center	Clinton Crackel Sonia Eischen Brenda Rembert Paul Ward	FEMA RV ICFI ICFI FEMA HQ
Dakota County - Emergency Operations Center - Traffic and Access Control Point - Briefing	Sonia Eischen	ICFI
Dakota County - Emergency Operations Center - Traffic and Access Control Point - Interview	Clinton Crackel	FEMA RV
Dakota County - Emergency Operations Center- Emergency Worker Dose Limits	Patrick Taylor	ICFI
Pierce County -Sheriff's Dispatch Center - Initial Warning Point	Robert Duggleby	ICFI
Pierce County - Emergency Operations Center	Clark Duffy Danny Loomis Alonzo McSwain	ICFI ICFI FEMA HQ
Pierce County - Emergency Operations Center - Traffic and Access Control Post - Interview	Michael Petullo	ICFI
Pierce County - Joint Information Center - Public Information Officer	Roy Smith	ICFI
Pierce County - Ellsworth Ambulance Service - Medical Service - Transportation	Robert Walker	ICFI
Pierce County - Prairie View School District - Evacuation School	Danny Loomis	ICFI
Pierce County - Emergency Worker Exposure Control - Briefing	Robert Walker	ICFI
Pierce County - PIO at State of Minnesota JIC - Media Briefing	Debra Schneck	ICFI
Pierce County - Evacuee/Emergency Worker Registration	Michael Petullo	ICFI
Pierce County - Congregate Care Center - Spring Valley Middle/High School	Meg Swearingen	ICFI
* Team Leader		

APPENDIX C: ACRONYMS AND ABBREVIATIONS

Acronym	Meaning
AMS	Aerial Measurement System
ARC	American Red Cross
ARCA	Areas Requiring Corrective Action
ARES	Amateur Radio Emergency Services
BC	Board Chairperson
CCC	Congregate Care Center
CR	County Road
CSR	Community Services Representative
DARTS	Dakota Area Regional Transport System
DCC	Dakota Communications Center
DO	Duty Officer
DRD	Direct Reading Dosimeter
EAFD	Elmwood Area Fire Department
EAS	Emergency Alert System
ECL	Emergency Classification Level
ED	Emergency Department
EM	Emergency Management
EMA	Emergency Management Agency
EMD	Emergency Management Director
EMS	Emergency Medical Service
EMTC	Emergency Medical Trauma Center
EOC	Emergency Operations Center
EOF	Emergency Operations Facility
EOP	Emergency Operations Plan
EPD	Electronic Personal Dosimeter
EPZ	Emergency Planning Zone
ER	Emergency Room
ERDS	Emergency Response Data System
ERT	Emergency Response Team
ESARC	Emergency Special Assistance Registration Cards
ESF	Emergency Support Functions
EW	Emergency Workers
FDC	Field Data Coordinator
FEMA	Federal Emergency Management Agency

FMT	Facility Management Team
FOC	Forward Operations Center
FRM	Field Response Manager
FTC	Field Team Coordinator
GAR	Governors Authorized Representative
GCPW	Goodhue County Public Works
GE	General Emergency
GIS	Geographical Information System
HAB	Hostile Action Based
HD	Highway Department
IC	Incident Commander
ICP	Incident Command Post
IT	Information Technology
IWP	Initial Warning Point
JIC	Joint Information Center
MCP	Mobile Command Posts
MDO	Minnesota Duty Officer
MNG	Minnesota National Guard
MRCC	Medical Response Communications Center
MSP	Minnesota State Police
NMT	Nuclear Medical Technicians
NRC	Nuclear Regulatory Commission
OC	Operations Chief
OIC	Officer In Charge
ORO	Offsite Response Organizations
PAD	Protection Action Decision
PAR	Protective Action Recommendation
PCDC	Pierce County Dispatch Center
PCHD	Pierce County Highway Department
PCSD	Pierce County Sheriff's Department
PERF	Personal Effects Receipt Form
PINGP	Prairie Island Nuclear Generating Plant
PIO	Public Information Officer
PPE	Personal Protective Equipment
PRD	Permanent Record Dosimeter
QR	Quick Response
RAC	Regional Assistance Committee
RACES	Radio Amateur Civil Emergency Service
RAD	Radiological Accident Deployment
RAP	Radiological Assistance Program

RC	Reception Center
RCA	Radiological Controlled Area
REA	Radiation Emergency Area
REP	Radiological Emergency Preparedness
RIRP	Radiological Incident Response Plan
RN	Registered Nurse
RO	Radiological Officer
RPS	Radiation Protection Section
RTL	Radiological Team Lead
RWPD	Red Wing Police Department
RWPW	Red Wing Public Works
SA	Staging Area
SAE	Site Area Emergency
SEOC	State Emergency Operations Center
SIM	State Incident Manager
SNB	Special News Bulletin
SRC	State Radiological Coordinator
TLD	Thermo Luminescent Dosimeter
TSC	Technical Support Center
WEM	Wisconsin Emergency Management

APPENDIX D: EXERCISE PLAN

The following documents are included in the Exercise Plan:

State of Minnesota Extent-of-Play

State of Wisconsin Extent-of-Play

2014
Prairie Island Nuclear Generating Plant Hostile Action Base/Plume
Phase Exercise
Extent of Play Agreement
State of Minnesota/Goodhue County and Dakota County

The Prairie Island Nuclear Generating Plant Exercise will take place the week of July 28 2014. The exercise week will involve out-of-sequence and in-sequence demonstrations. The State of Minnesota, Goodhue County and Dakota County are the off-site response organizations (ORO's) for the Hostile Action Base (HAB) and Plume Phase demonstration and will have the exercise demonstration on July 29, 2014.

An out-of-sequence evaluation will be held for other off-site response organizations on July 28, 29 and 30th, 2014. Out-of-sequence exercise demonstrations include the MS-1 exercise demonstration for Wabasha St. Elizabeth's Hospital and Wabasha Ambulance (MS-1) is August 19th, while St. Cloud Hospital and Gold Cross Ambulance (MS-1) will be August 20, 2014. Region's Hospital and Cottage Grove Ambulance (MS-1) will be demonstrated beginning 7:00 a.m. July 28, 2014. The St. Cloud Reception Center demonstration is July 29, 2014 at 7:00 PM. State Field Teams will demonstrate out-of-sequence July 30th, 2014 Maple Grove Station #2.

Criteria that can be re-demonstrated immediately for credit, at the discretion of the evaluator, include the following: 3.a.1, 3.b.1, 3.d.1, 3.d.2, 4.a.3, 4.b.1, 6.a.1, 6.b.1, 6.c.1 and 6.d.1. Criteria that may be re-demonstrated, as approved on a case-by-case basis by the Chairperson of the Regional Assistance Committee, include the following: 2.a.1, 2.b.1, 2.b.2, 5.a.1 and 5.b.1. It is the desire of the State of Minnesota to re-demonstrate (as needed) any areas of concern during the week of the exercise as possible.

Overview of Exercise Schedule and Sites

Monday July 28th		
Regions Hospital and Cottage Grove Ambulance	7:00 am – 9:00 am	Regions Hospital 640 Jackson St St Paul, MN 55101
Pre-Exercise Briefing Entrance Meeting	2:00 pm	Hastings Country Inn 300 33rd St W Hastings, MN 55033

Tuesday July 29th		
HAB/ Plume Phase Exercise		
Evaluator Briefing	7:00 am	State Emergency Operations Center 445 Minnesota Street, Suite 223 St. Paul MN 55101

Tuesday July 29th		
State Duty Officer	-	Bureau of Criminal Apprehension 1430 Maryland Ave E St Paul, MN 55106
State EOC : Communication Backup Demonstration	7:30 am	Town Square 445 Minnesota Street, Suite 223 St. Paul, MN 55101
State EOC & PAC	-	Town Square 445 Minnesota Street, Suite 223 St. Paul MN 55101
JIC	-	Town Square 445 Minnesota Street, Suite 223 St. Paul MN 55101
JIC Media Briefing Room	-	Town Square 445 Minnesota St Suite 100 St. Paul MN 55101
Goodhue County/ City of Red Wing Media Briefing Room	-	Goodhue County EOC 430 W. 6 th St Red Wing, MN 55066
Goodhue County EOC	-	Goodhue County EOC 430 W. 6 th St, Red Wing, MN 55066
Dakota County EOC	-	Judicial Center 1560 Hwy 55 Hasting, MN 55033
Hennepin County Sheriff's Dispatch Center	-	9401 83 rd Ave. North Brooklyn Park MN 55443
Dakota Communications Center (DCC)	-	2860 160th West Street Rosemount MN 55068
HAB Incident Command Post (pre-staged)	-	Goodhue County EOC 430 W. 6 th St, Red Wing, MN 55066
HAB Staging Area (pre-staged)	-	Prairie Island Public Safety building Prairie Island Police Department 1960 Island Blvd. Welch, MN 55089
St. Cloud Reception Center	7:00 pm	Apollo High School 1000 N 44 th Ave St. Cloud, MN 56303
St. Cloud Reception Center – Vehicle Decontamination	7:00 pm	Station #2 St. Cloud Fire Department 727 Anderson Avenue St. Cloud MN 56303

Wednesday July 30th		
Dakota County (EOC): Emergency Worker Exceeding Dose Limit	9:00 am	Judicial Center 1560 Hwy 55 Hasting, MN 55033
Goodhue County (EOC): Emergency Worker Exceeding Dose Limit	10:30 am	Goodhue County EOC 430 W. 6 th St, Red Wing, MN 55066
State Field Teams & Command Van – out of sequence	7:30 am	Maple Grove Station #2 13450 Maple Knoll Way Maple Grove, MN 55369

Friday August 1st		
FEMA players debriefing	9:00 am	Goodhue County EOC 430 W. 6 th St, Red Wing, MN 55066
FEMA media out briefing <i>NOTE: The State of MN will provide the notification to the media for the FEMA out brief</i>	10:00 am	Goodhue County EOC 430 W. 6 th St, Red Wing, MN 55066

Additional Exercise Notes

- Minnesota is NOT a Homerule State – decision-making for radiological events rests with the State not the Counties.
- The call to Target to stop KI distribution at the Alert ECL will be simulated.
- The initial notification to FRMAC at the Alert ECL and subsequent updates will be simulated.
- The Governor's Office is not directly participating in the exercise and phone calls, faxing and e-mailing of emergency executive orders to the Governor and the Secretary of State will be simulated.
- The MN Duty Officer, in notifying HSEM, may call the Deputy Director Joe Kelly for the exercise demonstration instead of Director Kris Eide for the July 29th exercise.
- Send Word Now will be used in the notification but will not be evaluated.
- Goodhue and Dakota County PIOs will be pre-positioned near the SEOC but will not engage before they are notified and will wait an appropriate length of time before beginning play.
- Public information dissemination may use social media but that aspect will not be evaluated.
- Media briefings and news conferences may be live streamed into the SEOC but the streaming will not be evaluated.
- New Emergency Worker Handbooks, with the Emergency Worker Briefing, also in video form accessible by QR code, will be available as part of the briefing packet for emergency workers to obtain their briefing and may read and sign to

substitute for a spoken Briefing.

- Incident Command Post (ICP) and the Staging area may be staffed and pre-positioned but will wait an appropriate length of time before beginning play.
- The Staging area assets will be pre-positioned with an appropriate representation of responding jurisdictions to include City of Red Wing, local Law Enforcement, local Fire, EMS, Goodhue County, Dakota County and State Patrol (and Prairie Island Police Department and FBI will be invited).
- Radiological Briefings will be demonstrated in Goodhue County including the ICP, Staging area and Dakota County.
- Communication systems will be demonstrated using the backup methods due to an interruption to primary methods. This will be demonstrated with an out-of-sequence demonstration between the SEOC and the Goodhue and Dakota County EOCs July 29th 7:30 am.
- National Guard Liaisons for Goodhue and Dakota County will participate; they will be prepositioned near the respective County EOC but will wait an appropriate length of time before beginning play once notified. This will not be evaluated.
- Dakota County does not have two intersecting County Roads delineated as an evacuation route; therefore, for an impediment Dakota County will manage an intersecting County Road and State Highway road.
- Schools will be simulated as in session for the July 29th exercise.
- Precautionary Measures may be implemented at the Alert or Site Area Emergency depending on the scenario and coordinated with Goodhue and Dakota Counties; examples include school evacuations and river and rail restrictions.
- The SEOC will be simulating calls to the Ingestion Counties.
- The SEOC will be simulating calls to the Tribal Council for the July 29th exercise demonstration.
- PINGP on-site, due to NRC evaluation criteria, will have Staging Tactical (2) enter the site. This is not an ORO evaluated demonstration.
- State RAD Field Teams will be demonstrated out-of-sequence on July 30th at Maple Grove Station #2.
- State RAD Field Teams may have a third field team sent out for play during the exercise demonstration but the third team will not be evaluated.
- Emergency Worker Exceeding Dose Limit will be demonstrated out-of-sequence on Wednesday July 30th 2014 for Dakota County and Goodhue County.
- Wabasha St. Elizabeth's Hospital and Wabasha Ambulance (MS-1) will exercise 7:00 am August 19, 2014.
- St. Cloud Hospital and Gold Cross Ambulance (MS-1) will exercise August 20, 2014.
- Regions and Cottage Grove Ambulance (MS-1) will exercise 7:00 am at Regions Hospital 640 Jackson St St. Paul, MN Monday July 28, 2014.
- St. Cloud Reception Center will exercise Tuesday July 29th 7:00 pm Apollo High School 1000 N 44th Ave St. Cloud, MN 56303.

Goodhue County

The ARCA 50-12-3a1-A-05 for Goodhue County was identified under Criterion 3.a.1-OROs appropriate dosimetry, KI and procedures and manage radiological exposure to emergency workers in accordance with the plans/procedures. TLDs such as Thermoluminescent Dosimeters (TLDs) were not issued to each of the EOC Staff. The Emergency Operations Center (EOC) located inside the Prairie Island Nuclear Generation Plant 10-mile Emergency Planning Zone (EPZ). While the Radiological Officer included PRDs in the three group dosimetry kits deployed throughout the EOC. They have changed plan and procedures to group dosimetry and one person may be interviewed for the exercise demonstration.

Dakota County

The ARCA 50-12-3d2-A-06 for Dakota County was identified under Criterion 3.d.2-Impediments to evacuation are identified and resolved. Traffic evacuation Dakota County via Highway 61 was rerouted east into the EPZ. Lack of communication and coordination with other EOC agencies resulted in the incorrect evacuation route being selected. This will be re-demonstrated.

EVALUATION AREA 1 – EMERGENCY OPERATIONS MANAGEMENT

SUB-ELEMENT 1.a - Mobilization

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

State of Minnesota

Minnesota State Emergency Operations Center (SEOC)

The HAB and Plume Phase Exercise will take place on July 29th. The Minnesota Duty Officer (MDO) at the BCA Communications Center will take the initial call and make notifications. Verification of the call is via a fax or email, in accordance of the SOGs, from the nuclear generating plant. If the verification is not received, the Minnesota Duty Officer would use the phone numbers on the power plant process sheet to call the power plant in order to verify the call.

The BCA Communications Center (Duty Officer) at the Bureau of Criminal Apprehension 1430 Maryland Avenue East St. Paul, MN 55106 will take the initial call on July 29, 2014 from the Prairie Island Nuclear Generating Plant. The BCA Communications Center will then demonstrate the call-out of staff and transfer of communications from the call center to the SEOC in a timely manner. Send Word Now may be used to alert and notify the REP contacts but will not be evaluated.

The SEOC is located at 445 Minnesota Street, Suite 223, St. Paul, MN. The State Regional Program Coordinators (RPCs) will act as liaisons to the counties and will be pre-positioned in the area of Goodhue and Dakota County EOCs due

to long travel time. The RPCs will wait an appropriate amount of time before interacting with other county responders.

NOTE: Evaluation begins with the initial 911 call.

Radiological Accident Deployment (RAD) Field Teams

The State RAD Teams will exercise this criterion in an out-of-sequence demonstration at Maple Grove Station #2 July 30th. The RAD teams will be notified through the Minnesota Duty Officer to the Hennepin County Sheriff's Dispatch Center at 9401 83rd Ave. North, Brooklyn Park, who will in turn page team members (simulated). The Maple Grove Fire Command Van will serve as a mobile field command post and will relocate as determined by the scenario. The command van will relay field measurements taken by the field teams to the Planning and Assessment Center in the SEOC which are to be simulated due to the out-of-sequence demonstration.

NOTES: The RAD team's demonstration is to take place at the Maple Grove Station #2. Due to out-of-sequence demonstrations: an inject will be given to the PAC on July 29th for simulated field team play and an inject will be given to the Command Van on July 30th to activate and field team exercise demonstration.

Joint Information Center (JIC)

The JIC will be activated with the SEOC. The work area for the JIC is located in the SEOC. Both Goodhue and Dakota County PIOs will be pre-positioned near the SEOC. They will not engage before they are notified and will wait the appropriate length of time before beginning play.

Sufficient 24-hour staffing capability of key personnel will be presented at the exercise entrance meeting on July 28th.

Incident Command Post and Staging Area

Personal reporting to the Incident Command Post (ICP) and Staging Area may be pre-positioned and will wait an appropriate amount of time before engaging. The ICP is located at the Goodhue County EOC and the Staging Area is located at Prairie Island Public Safety building. Sufficient 24-hour staffing capability of key personnel will be presented at the exercise entrance meeting on July 28th.

Goodhue County

The initial call will be received in the Sheriff's dispatch office of the Goodhue County Law Enforcement Center. The Goodhue County Law Enforcement Center and the County EOC are located at 430 W. 6th St, Red Wing, MN.

Initial calls to activate EOC staff will begin in the dispatch office according to procedures. Goodhue County will fully activate their EOC at an Alert or higher Emergency ECL. A Goodhue County PIO liaison will be pre-positioned in St. Paul and wait an appropriate amount of time to respond to the SEOC during the HAB/ Plume phase exercise.

Personnel reporting to the Incident Command Post (ICP) and Staging Area may be pre-positioned and will become operational at an appropriate amount of time. The ICP is located at Goodhue County EOC and the Staging Area is located at Prairie Island Public Safety building.

Sufficient 24-hour staffing capability of key personnel will be presented at the exercise entrance meeting on July 28th.

Dakota County

The initial call will be received at the Dakota Communications Center (DCC) located at 2860 160th West Street in Rosemount and the County EOC which is located at Judicial Center 1580 Hwy 55, Hasting, MN.

Initial calls to activate EOC staff will begin in the dispatch office. Dakota County will fully activate their EOC. A Dakota County PIO liaison will be pre-positioned in St. Paul and wait until notified to respond to the SEOC during plume phase exercise.

Note: *Due to the distance of approximately 15 miles between the Dakota Communications Center and the Dakota County EOC, controllers shall be stationed at both the DCC as well as the Dakota County EOC.*

Recommendations from the State Operations Chief will be communicated and coordinated with the County Operations Chief via telephone.

Personnel reporting to the Incident Command Post (ICP) and Staging Area may be pre-positioned and will become operational at an appropriate amount of time. The ICP will be located at Goodhue County EOC and the Staging Area will be located at Prairie Island Public Safety building.

Sufficient 24-hour staffing capability of key personnel will be presented at the exercise entrance meeting on July 28th.

SUB-ELEMENT 1.b - Facilities

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

State of Minnesota, Goodhue County and Dakota County,
This criterion has not been selected for demonstration.

SUB-ELEMENT 1.c - Direction and Control

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 Minnesota

The Minnesota Governor's Authorized Representative (GAR) may be in communications with the Wisconsin GAR early into the incident and ensure open and coordinated communications and maintain contact as appropriate.

The Minnesota Governor's Authorized Representative (GAR) will establish communications with the Prairie Island Indian Community early into the incident and ensure open and coordinated communications and maintain contact as appropriate. This will be a simulated call to the Prairie Island Indian Community Tribal Chair and the Prairie Island Indian Community may have a representative in the SEOC during the exercise for direct coordination with the State Incident Manager (SIM).

The Minnesota State Incident Manager (SIM) will establish communications with the Wisconsin Emergency Operation Center (EOC) Manager early into the incident to ensure open and coordinated communications. The SIM will coordinate with the Wisconsin EOC Manager on the PAR and gain concurrence in a timely manner for approval of a PAD.

The MN SEOC Operations Chief, Goodhue County Emergency Management Director and Dakota County Operations Chief will coordinate decision making and emergency response activities.

The Minnesota Planning Chief will coordinate and validate the PAR information from the utility with the Wisconsin State Radiological Coordinator. The Minnesota Planning Chief will coordinate the development of a PAR with the Wisconsin State Radiological Coordinator as appropriate.

The Governor will not be participating in this exercise, so the direct communications and faxing of document to be signed by the Governor and the Secretary of State will be simulated.

RAD Field Teams will receive their direction from the RAD Team Captain (located in the Command Van). RAD Field Teams demonstration will be done as an out-of-sequence demonstration. A simulated cell will be used during the exercise.

Incident Command Post and Staging Area

The Incident Commander (IC) at the ICP will direct and control the response actions for the ORO response to the HAB portion of the demonstration and will maintain contact with the Goodhue EOC in coordination efforts of ORO response. A Command Post will be established at Goodhue EOC for management of all on-site response activities. Unified Command will be established and used at the Command Post. The Command Post will communicate primarily with the Goodhue County EOC. The City of Red Wing Police Department will be the lead law enforcement agency for all ECLs up to the General Emergency. The Goodhue County Sheriff's Office will be the lead law

enforcement agency at the General Emergency ECL. The Goodhue County Sheriff's Office Tactical Response Team will be the lead tactical response operations group coordinator.

The ICP will be staffed by representatives of the following: Red Wing Police Department, Goodhue County Sheriff, Red Wing Fire and EMS, Dakota County Sheriff, MN State Patrol, Prairie Island NGP liaisons (Plant Security, Plant Operations and Radiation Protection), HSEM liaison and Prairie Island Indian Community Police Department including the FBI will be invited. The Staging Area will be under the direction of the Goodhue County Sheriff. The Staging Area will have representation from Goodhue County Emergency Response Team (ERT), Red Wing Fire and EMS, State Patrol, Dakota County ERT, and Pierce County ERT (WI).

Goodhue County

The Goodhue County Emergency Management Director will provide direction and control including coordinating emergency activities within the county. Activities will be coordinated between the state, Goodhue County EOC, ICP and field staff as necessary.

Dakota County

The Dakota County Operations Chief will coordinate decisions and emergency activities within the county. Activities will be coordinated between the state, Dakota County EOC, ICP and field staff as necessary.

SUB-ELEMENT 1.d - Communications Equipment

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 Minnesota

The state will demonstrate the primary means of communication between the counties and Prairie Island Nuclear Generating Plant. The state will also demonstrate one additional (secondary, tertiary or alternative) means of communication between the State and Goodhue and Dakota County at 0730 July 29th 2014. Field Team information coming into the Planning and Assessment Center (PAC) will be done by controller injects due to the out-of-sequence Field Team demonstration.

Unclassified
Radiological Emergency Preparedness Program (REP)

After Action Report/Improvement Plan

Prairie Island Nuclear Generating Plant

Line of Communication	Primary	Secondary	Tertiary	Alternative
SEOC to County EOC Dakota Goodhue	Private Branch Exchange number (PBX) Private Branch Exchange number (PBX)	Commercial telephone/FAX machine Commercial telephone/FAX machine	FAX machine Public Safety Radio VHF/800 MHz ARMER system	ARES and Satellite telephone Satellite telephone
SEOC to Ingestion Counties	Commercial telephone/FAX machine	Public Safety Radio VHF/800 MHz ARMER system	Satellite telephone	
SEOC to Prairie Island Nuclear Generating Plant	Auto-Ring (dedicated) (Hotline): SEOC to Technical Support Center (TSC) and EOF	Commercial telephone/FAX machine	800 MHz NSPM	
HAB: SEOC to Prairie Island Nuclear Generating Plant	Radiation Protection Phone Bridge with RP Liaison at ICP, Alternative TSC or Backup EOF	Commercial telephone/FAX machine	800 MHz NSPM	Satellite Telephone
SEOC to Federal Response Organizations (FEMA, NRC, DOE, and Corps of Engineers)	Commercial telephone/FAX machine	Satellite telephone	National Warning System (NAWAS)	Amateur Radio
SEOC to Field Monitoring Teams	Commercial telephone/Cell phone	800 MHz ARMER	Satellite telephone	Amateur Radio
Minnesota SEOC to Wisconsin SEOC	Commercial telephone/FAX machine	National Warning System (NAWAS)	Satellite telephone	Amateur Radio
SEOC to Fixed Medical Support Facility (primary and backup hospitals)	Commercial telephone/FAX Machine	Satellite Phone	Public Safety Radio VHF/800 MHz ARMER system	Amateur Radio
SEOC to Mobile Medical Support	Commercial telephone to primary/backup hospital	Public Safety Radio VHF/800 MHz ARMER system	Amateur Radio	

Line of Communication	Primary	Secondary	Tertiary	Alternative
MDO to Risk County EOC/Dispatcher	Commercial telephone/FAX Machine	Public Safety Radio VHF/800 MHz ARMER system	Satellite Phone	
MDO to Prairie Island Nuclear Generating Plant	Dedicated telephone line	Commercial telephone/FAX Machine	800 MHz NSPM	Cell Phones
MDO to SEOC	Commercial telephone/FAX Machine	Public Safety Radio VHF/800 MHz ARMER system	National Warning System (NAWAS)	Satellite Phone

Incident Command Post and Staging Area

The primary communication to the Command Post will be from the Goodhue County EOC to the Command Post. The State Emergency Operations Center (SEOC) will work through the Goodhue County EOC for communications with the Command Post. Radiological Field Teams will coordinate with the Command Post through the SEOC. Dedicated "bridge phone lines" will be utilized to enhance communications between the Utility and Command Post but not evaluated.

Line of Communication	Primary	Secondary	Tertiary	Alternative
SEOC to Command Post for HAB <i>Note: The primary communications to the Command Post is through the County EOC</i>	Public Safety Radio VHF/800 MHz ARMER system	Satellite Telephone	Commercial Cell phone	
County EOC to Command Post for HAB	Public Safety Radio VHF/800 MHz ARMER system	Satellite Telephone	Commercial Cell phone	Mobile Data Terminal (MDT)
Command Post to Utility Security	Utility 800 MHz Radio Direct or via ARMER Patch	Satellite Telephone	Commercial Cell phone to Landline phone	
Command Post to Staging	Public Safety Radio VHF/800 MHz ARMER system	Commercial Cell Phone		
Command Post to all tactical operations	Public Safety Radio VHF/800 MHz ARMER system	Commercial Cell Phone		
Command Post to Utility Control Room, Alternative TSC, and /or Backup EOF	Initially IC on Ops/Security Bridge phone line	backup direct Utility 800 MHz Radio or via ARMER patch	Satellite Phone	

Goodhue County

The Goodhue County EOC's primary communication links are a Private Branch Exchange number (PBX) to the SEOC and Dakota County. Primary communication links are depicted in the above chart.

The first back-up communication method is commercial telephone. Facsimile machines provide hard copy capability.

Public Safety Radio VHF/800 MHz ARMER system provides a secondary back up. Goodhue County EOC staff will demonstrate functionality of the primary means of communication and one back up method of communication.

Dakota County

The Dakota County EOC's primary communication links are a Private Branch Exchange number (PBX) to the SEOC and Goodhue County. Primary communication links are depicted in the above chart.

The first back-up communication method is commercial telephone. Facsimile machines provide hard copy capability.

Public Safety Radio VHF/800 MHz ARMER system provides a secondary back up. Dakota County EOC staff will demonstrate functionality of the primary means of communication and one back up method of communication. ARES will not conduct a radio test.

SUB-ELEMENT 1.e - Equipment and Supplies to Support Operations

Criterion 1.e.1: Equipment, maps, displays, dosimetry, KI, and other supplies are sufficient to support emergency operations.

State of Minnesota

Equipment, Maps and Displays:

The state will demonstrate the use of equipment, maps, and displays at the SEOC, JIC and the media briefing room as necessary to support emergency operations.

Dosimetry:

Field Teams will use Electronic Reading dosimeters and TLDs and control exposure as follows. Electronic Dosimetry will be used for HAB responders on site as available.

Emergency Worker		Dosimeter Range		Pick-up Location	
State RAD Teams	Electronic Dosimetry			TLD	Maple Grove Fire Station #2 and Plymouth Fire Station #1
DNR Field Teams (Not demonstrated this exercise)		0-200 mR		TLD	Command van
MDA Field Teams (Not demonstrated this exercise)		0-200 mR		TLD	MDA DOC
State Patrol & MnDOT (Goodhue County)		0-200 mR	0-20 R	TLD	Goodhue County EOC
State Patrol & MnDOT (Dakota County)		0-200 mR	0-20 R	TLD	Dakota County EOC
Ambulance crew (Doesn't take KI) (Cottage Grove EMS Ambulance)		72 0-200 mR		TLD	Reception Center

On-Site HAB Responders	Electronic Dosimetry	0-200 mR	0-20 R	TLD	ICP or Staging Area
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Potassium Iodide (KI):

Packets of KI are a part of the state field team response kits. The shelf life of Minnesota's current supply of KI is approved until July 2015.

Per the State of Minnesota Emergency Operations Plan, emergency workers located outside the 10 mile EPZ such as at the reception center do not take KI, however, emergency workers placing barricades, manning traffic control points or performing route alerting within the Emergency Planning Zone (EPZ) do take KI as directed.

Monitoring Instruments:

All instruments will be operationally checked before use. Instruments have been calibrated in accordance with the manufacturer's recommendations and calibration documentation will be supplied at the FEMA entrance meeting.

Equipment Maintenance:

All routine equipment checks and maintenance is reported in the Annual Letter of Certification. Calibration of radiological detection equipment will be reviewed on July 28th by FEMA. All radiation monitoring equipment will be operationally checked prior to use.

Traffic Control Points

Traffic and access control equipment is permanently deployed at the area truck stations for use at the designated Trunk Highway Traffic and Access Control Points (TACPs) in the area surrounding the Prairie Island Nuclear Generating Plant. The equipment is to be used to close access into the 10 mile Emergency Planning Zone (EPZ) in conjunction with State Patrol staffing. The equipment is deployed at the request of the SEOC and coordinated with the county. The Minnesota Department of Transportation will simulate the setting up and movement of barriers. MnDOT personnel will participate by the simulated actions and by interview in a convenient location within the SEOC. No jersey barriers will be placed.

The barricades are deployed as follows:

Truck Station	Location	# of Barricades
Red Wing Truck Station/Red Wing Sub-Area	3890 Pepin Avenue Red Wing, MN 55066	33
Hastings Truck Station/Hastings Sub-Area	951 East 21 st Street Hastings, MN 55033	13

Incident Command Post and Staging Area

The ICP and Staging Area will demonstrate the use of equipment, maps and displays as necessary to support emergency operations per the scenario. Initial responders to the ICP may be responding without dosimetry. The County will have stockpiles of dosimetry and KI to deploy out to the Incident Command Post (ICP) and Staging Areas for the Incident Commander (IC) to push forward to the responders and staff of the ICP. Goodhue County is responsible for deployment of the stockpile to the site(s).

Goodhue County

Equipment, Maps and Displays:

Goodhue County will demonstrate the use of equipment, maps, and displays at the County EOC as necessary to support emergency operations. All routine equipment checks and maintenance are reported in the Annual Letter of Certification. Calibration of radiological detection equipment will be reviewed on July 28th by FEMA. Calibration of radiological detection equipment by the field monitoring teams will be reviewed on July 28th by FEMA. All radiation monitoring equipment will undergo a response check prior to use to verify that the equipment responds to a radioactive check source. All City/County decontamination equipment is stored at the Red Wing Fire Department located at 420 Plum Street, Red Wing and the Cannon Falls Fire Department located at 322 Hoffman Street, Cannon Falls.

Dosimetry:

Direct Reading Dosimetry packets are located in strategic areas of the building and TLDs will be worn by participants in the County Emergency Operations Center. County emergency workers will wear DRD and TLDs as follows:

Emergency Worker	Dosimeter Range				Pick-up Location
Field Staff	Electronic Dosimetry or	0-200 mR	0-20 R	TLD	Goodhue Co. EOC
Decontamination Staff	Electronic Dosimetry or	0-200 mR	0-20 R	TLD	Red Wing FD

Potassium Iodide (KI):

KI for emergency workers is stored at the Goodhue County EOC. The shelf life of Minnesota's current supply of KI has been approved and expires on July 2015.

Dakota County

Equipment, Maps and Displays:

Dakota County will demonstrate the use of equipment, maps, and displays at their County EOC as necessary to support emergency operations. All routine

equipment checks and maintenance are reported in the Annual Letter of Certification. Calibration of radiological detection equipment will be reviewed on July 28th by FEMA. All radiation monitoring equipment will undergo a response check prior to use to verify that the equipment responds to a radioactive check source. Ludlum Model 26s are located at Hastings Fire 115 5th Street West, while all other County decontamination equipment is stored at the Hastings Public Works Facility located at 1221 Progress Drive Hastings, MN.

Dosimetry:

All county emergency workers will wear DRDs and TLDs to monitor and control exposure.

Emergency Worker	Dosimeter Range				Pick-up Location
Field Staff	Electronic Dosimetry or	0-200 mR	0-20 R	TLD	Dakota Co. EOC

Potassium Iodide (KI):

KI for emergency workers is stored at the Dakota County EOC. The shelf life of Minnesota's current supply of KI has been approved and expires on July 2015.

EVALUATION AREA 2 - PROTECTIVE ACTION DECISION-MAKING

SUB-ELEMENT 2.a – Emergency Worker Exposure Control

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 PAGs.

State of Minnesota

Field Teams inside the 10-mile EPZ have a radiation dose limit of 5 rem with a turn back limit of 1 R as read on a DRD. The Planning Chief may authorize radiation exposure to emergency workers in excess of the administrative limit in accordance with standard operating guidelines. This will be demonstrated out of sequence Wednesday July 30th by interview.

When the decision to administer KI to emergency workers in the Emergency Planning Zone (EPZ) is made (or controller data is injected), the Planning Chief will recommend to the State Incident Manager (SIM) and the Operation Chief that field operations staff take KI (simulated). State Patrol personnel receive their kits at county EOCs per procedure.

Goodhue County, Dakota County

The Goodhue and Dakota County Radiological Officers will instruct county emergency workers to take KI after the recommendation is made by the SEOC Planning and Assessment Center (PAC).

All emergency workers inside the 10-mile EPZ have a radiation dose limit of 5 rem and a turnback limit of 1 R. For HAB the radiation dose limit of 25 rem and turn back of 5 R have been set and automatic for a HAB. Emergency Worker Exceeding Dose Limit will be demonstrated out-of-sequence on Wednesday July 30th 2014 for Goodhue County and Dakota County.

SUB-ELEMENT 2.b – Dose Assessment & PARs & PADs for the Emergency Event

Criterion 2.b.1: Appropriate 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 Minnesota

The Planning Chief will evaluate the Prairie Island Nuclear Generating Plant information and complete independent dose projections based on the information and the simulated field-monitoring data provided by a simulated RAD Field Team Captain. The Planning Chief will make an independent evaluation of the data in the utilities' PAR and after coordinating with the State of Wisconsin SRC will develop a Protective Action Recommendation to be approved by the Governor or Governor's Authorized Representative (GAR). (Note: The coordination for the final PAD decision is coordinated between the Wisconsin SEOC Manager and the Minnesota SIM.)

Goodhue County, Dakota County

The counties will not demonstrate this criterion.

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

State of Minnesota

The Governor's Authorized Representative (GAR) will demonstrate the ability to make appropriate protective action decisions based on recommendations from the State Incident Manager and the Planning Chief. Decision-making for incidents at the Prairie Island Nuclear Generating Plant is the responsibility of the Governor or GAR as outlined in Governor's Executive Order and the Minnesota Emergency Operations Plan.

KI is pre-distributed on a voluntary basis to members of the general public living in the Prairie Island Nuclear Generating Plant 10-mile EPZ. A standing order

from the Minnesota Department of Health authorizes the secondary protective action of taking KI when directed to evacuate or shelter-in-place at the General Emergency ECL. KI is not distributed post incident and is not available at reception centers. The call to Target at the ALERT ECL to stop KI distribution will be simulated.

Incident Command Post and Staging Area

The ICP will coordinate with SEOC Planning and Assessment Center (PAC) through the Goodhue County EOC the new PAR for a HAB scenario and may be demonstrated depending on the scenario.

Goodhue County, Dakota County

Goodhue and Dakota Counties participate in the protective action decision process in accordance with the state's PAD process. This includes concurrence and coordination between the Minnesota SEOC, Goodhue, Pierce and Dakota counties and the State of Wisconsin.

Note: *Minnesota is not a home-rule state.*

SUB-ELEMENT 2.c – PADs for the Protection of persons with disabilities and access/functional needs

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

State of Minnesota

It is the responsibility of the counties to implement protective actions for special populations; the state of Minnesota is responsible for establishing facilities and providing resources such as reception centers and relocation centers to be made available for the special population groups. Resources that are available can be discussed with the evaluator.

The State of Minnesota acts as the backup for notifying school systems/districts and will demonstrate, but will not be evaluated. The capability to contact public school systems/districts during the exercise to alert and notify all public school systems/districts of emergency conditions that are expected to or may necessitate protective actions for students will be demonstrated by each county.

Goodhue County, Dakota County

Staff at the Goodhue County and Dakota County EOCs will demonstrate this criterion according to their guidelines. Counties are responsible for initiating and the notification for evacuation, and identifying needed transportation for special population groups. Resources that are available will be discussed with the evaluator.

The counties are the primary means of notifying school systems/districts, Goodhue and Dakota Counties will demonstrate the capability and actually contact public school systems/districts during the exercise to alert and notify all public school systems/districts of emergency conditions that are expected to or may necessitate protective actions for students.

SUB-ELEMENT 2.d – Radiological Assessment and Decision-Making for the Ingestion Exposure Pathway

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

State of Minnesota

This criterion is not selected for evaluation.

Goodhue County

This criterion is not selected for evaluation.

Dakota County

This criterion is not selected for evaluation.

Ingestion Counties

This criterion is not selected for evaluation.

SUB-ELEMENT 2.e – Radiological Assessment & Decision-making Concerning Post-Plume Phase Relocation, Re-entry, and Return

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

State of Minnesota

This criterion is not selected for evaluation.

Goodhue County

This criterion is not selected for evaluation.

Dakota County

This criterion is not selected for evaluation.

Ingestion Counties

This criterion is not selected for evaluation.

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 plans/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 Minnesota

All emergency workers that are issued dosimetry will demonstrate appropriate use of that dosimetry and record keeping in accordance with their established procedures/guidelines. The emergency workers will demonstrate their knowledge of the turn-back exposure rate and administrative limits. Participants may be observed or interviewed by the evaluator.

ORO will demonstrate the capability to accomplish distribution of KI to emergency workers consistent with decisions made. Minnesota will demonstrate the capability to develop and maintain lists of emergency workers who have ingested KI, including documentation of the date(s) and time(s) they did so. For evaluation purposes, the actual ingestion of KI will not be performed. Minnesota will demonstrate the capability to formulate and disseminate instructions on using KI for those advised to take it. Emergency workers must demonstrate basic knowledge of procedures for using KI whether or not the scenario drives the implementation of KI use. This can be accomplished by an interview with the evaluator.

Incident Command Post and Staging Area

ICP and Staging Area radiological briefings for the issue of dosimetry and KI will be demonstrated. The emergency workers will demonstrate their knowledge of the turn-back exposure rate and administrative limits. Workers may use any available resources (e.g. written procedures, videos and/or coworkers) in providing responses. This criterion will be demonstrated with one participant receiving the briefing and one participant who may be interviewed by the evaluator in these areas.

Goodhue County

All emergency workers that are issued dosimetry will demonstrate appropriate use of the dosimeter, turn back limits and record keeping in accordance with their established procedures/guidelines. Goodhue County will demonstrate the capability to accomplish distribution of KI to emergency workers consistent with decisions made. Emergency workers will demonstrate basic knowledge of procedures for using KI whether or not the scenario drives the implementation of KI use. One participant will receive the dosimetry and briefing to reflect the simulation of group dosimetry distribution and briefing. This may be accomplished by an interview with the evaluator.

As driven by the scenario, field personnel (i.e. Sheriff's Deputies), will be called in to the EOC (all will be simulated except for 1 Deputy) to pick up KI and dosimetry, or it will be taken to them at the ICP and Staging Area, to receive a briefing and their emergency assignment.

Dakota County

All emergency workers that are issued dosimetry will demonstrate appropriate use of the dosimeter, turn back limits and record keeping in accordance with their established procedures/guidelines. Dakota County will demonstrate the capability to accomplish distribution of KI to emergency workers consistent with decisions made. Emergency workers will demonstrate basic knowledge of procedures for using KI whether or not the scenario drives the implementation of KI use. This may be accomplished by an interview with the evaluator.

As driven by the scenario, field personnel (i.e. Sheriff's deputies), will be called in to the EOC (all will be simulated except for 1 Deputy) to pick up KI and dosimetry, receive a briefing and their emergency assignment.

NOTE: Emergency Worker briefings can be obtained in three ways: Radiological Officer gives the briefing, Read and Sign form within the new Emergency Worker Handbooks as well as the video/QR code within the Emergency Worker Handbook.

SUB-ELEMENT 3.b – Implementation of KI Decision for Institutionalized Individuals and the Public

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

State of Minnesota

Minnesota has made KI available to institutionalized individuals and it has been predistributed to the general public on a voluntary basis through designated Target® stores. Distribution of KI is stopped at the Alert ECL. For evaluation purposes, the actual ingestion of KI will not be performed. Minnesota has disseminated instructions on using KI for those advised to take it.

Goodhue and Dakota County

Goodhue and Dakota Counties will demonstrate the capability to accomplish distribution of KI consistent with decisions made. They will demonstrate the ability to develop and maintain lists of institutionalized individuals who have ingested KI, including documentation of the date(s) and time(s) they were instructed to ingest KI. For evaluation purposes, the actual ingestion of KI will not be performed. OROs must demonstrate the capability to formulate and disseminate instructions on using KI for those advised to take it.

SUB-ELEMENT 3.c – Implementation of Protective Actions for persons with disabilities and access/functional needs

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

State of Minnesota

This criterion is not selected for evaluation.

Goodhue County

This criterion is not selected for evaluation.

Dakota County

This criterion is not selected for evaluation.

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

State of Minnesota

Evacuation

Evacuation of schools is a precautionary measure action for all schools in the EPZ and could be initiated at a Site Area Emergency ECL. This action is a county and school district responsibility and will not be demonstrated by the state during the exercise. Information about reporting back the status of school evacuation may be observed at the SEOC. It is also the responsibility of the State to notify schools outside the EPZ that have children which live within the EPZ to not send students home. This notification will be simulated at the SEOC during the Site Area Emergency ECL. This may be demonstrated by interview at the state. Any Precautionary Measures decision will be communicated to the appropriate personnel (simulated when necessary).

Goodhue County

Evacuation

Evacuation will be simulated. Notifications to the schools by the county EOC will begin at the Alert ECL.

Dakota County

Evacuation

Evacuation will be simulated. Notifications to the schools by the county EOC will begin at the Alert ECL.

SUB-ELEMENT 3.d – Implementation of Traffic and Access Control

Criterion 3.d.1: Appropriate traffic and access control is established. Accurate

instructions are provided to traffic and access control personnel.

State of Minnesota

The SEOC, per a HAB scenario, will notify by simulation air, rail and river traffic restrictions should be implemented at the ALERT Emergency Classification Level (ECL), one ECL earlier than for a non-hostile action based REP ECLs. This will be demonstrated through simulated calls at the SEOC during the exercise. MNDOT and the Minnesota State Patrol from the state EOC will assist with identification of traffic and access control points necessary to implement recommended protective actions. The 2-mile Traffic and Access Control Points (TACP) should be established at the Site Area Emergency (SAE) Emergency Classification Level (ECL) and staffed by the agencies in accordance with the existing plans and as staffing becomes available. The 2-mile TACPs should be used to restrict traffic access to the area and are implemented one ECL earlier for a HAB incident than for a non-HAB event.

The State Patrol will demonstrate traffic control as coordinated through the Goodhue County EOC and Dakota County EOC. State Patrol and MnDOT personnel other than those in the SEOC will receive and pick up their dosimetry and briefing packets from the Goodhue County and Dakota County EOCs. MnDOT personnel will participate by simulating the movement of barriers and by interview in a convenient location within the SEOC. The evaluator will meet the responding State Patrol Officer and MnDOT personnel at the EOC. No barricades will actually be placed on the roadside.

Goodhue County

The Goodhue County EOC staff will select, establish, and coordinate staffing of traffic and access control points consistent with the protective action decisions for evacuation areas. This criterion will be demonstrated by simulation and staff interview.

A deputy and/or public works employee will simulate proceeding to a conveniently located, pre-determined roadblock location. No barricade will actually be placed on the roadside. An evaluator will conduct a procedural interview outside of the EOC in the parking lot.

Dakota County

The Dakota County EOC staff will select, establish, and coordinate staffing of traffic and access control points consistent with the protective action decisions for evacuation areas. This criterion will be demonstrated by simulation and staff interview.

A deputy and/or public works employee will simulate proceeding to a conveniently located, pre-determined roadblock location. No barricade will actually be placed on the roadside. An evaluator will conduct a procedural interview outside of the EOC in the parking lot.

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

State of Minnesota

The State is responsible for state highways and in conjunction with the risk counties the waterways within the EPZ used for route evacuations and for manning traffic control points on these state highways and waterways. The state will demonstrate the necessary actions to reroute traffic on state highways or waterways as dictated by the scenario. A controller inject will be used to simulate a traffic impediment on one of the evacuation routes. Actual deployment of assets will be simulated, but all actual or simulated contacts made should be logged.

Goodhue County, Dakota County

A controller message(s) will be used to create a simulated evacuation impediment. Each county will demonstrate appropriate corrective actions. Actual deployment of assets will be simulated, but all actual or simulated contacts made should be logged.

SUB-ELEMENT 3.e – Implementation of Ingestion Pathway Decisions

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.

State of Minnesota

This criterion was not selected for this exercise.

Goodhue County

This criterion was not selected for this exercise.

Dakota County

This criterion was not selected for this exercise.

Ingestion Counties

This criterion was not selected for this exercise.

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

State of Minnesota

This criterion was not selected for this exercise.

Goodhue County

This criterion was not selected for this exercise.

Dakota County

This criterion was not selected for this exercise.

Ingestion Counties

This criterion was not selected for this exercise.

SUB-ELEMENT 3.f – Implementation of Post-Plume Phase Relocation, Re-entry, and Return Decisions

Criterion 3.f.1: Decisions regarding controlled re-entry of emergency workers and relocation and return of the public during the post emergency phase are coordinated with appropriate organizations and implemented.

State of Minnesota

This criterion was not selected for this exercise.

Goodhue County

This criterion was not selected for this exercise.

Dakota County

This criterion was not selected for this exercise.

Ingestion Counties

This criterion was not selected for this exercise.

EVALUATION AREA 4 - FIELD MEASUREMENT AND ANALYSIS

SUB-ELEMENT 4.a – Plume Phase Field Measurement and Analyses

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 Minnesota

The State RAD Team Captain, operating from the command van will manage the activities of the two State RAD Teams including giving the teams a pre-deployment briefing. The State RAD Teams will perform field measurements to characterize the plume in accordance with their procedures/guidelines. The command van controller will provide data from one phantom team. This is an out-of-sequence demonstration to be demonstrated July 30th, 2014. Simulated Field Teams will be used via injects per the scenario for the July 29th exercise demonstration.

been accepted by licensee field monitoring teams, with concurrence from the State of Minnesota, therefore there is no need for these measurements to be repeated by ORO monitoring teams. This is an out-of-sequence demonstration. The simulated Field Teams will be used via injects per the scenario.

Goodhue County, Dakota County

This is a state function and will not be demonstrated by the counties.

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 Minnesota

The State RAD Teams will demonstrate this criterion and perform ambient radiation measurements in accordance with their procedure/guideline. Airborne sampling will be demonstrated by the State RAD Teams in the field using air samplers to obtain a representative air sample. The State RAD Team members will conduct gross particulate and iodine field analysis. Purging the sampler head is not a part of State RAD Team's procedures/guidelines.

Field measurement data will be communicated to the command van and then relayed to the PAC (simulated). Plume phase samples will be packaged for transport by the State RAD Teams. Chain of custody will be documented on sample custody forms. Samples will be picked up by a sample runner and taken to the Command Van which will be simulated.

Due to the nature of the out-of-sequence demonstration of the Field Teams, simulated Field Team data will be provided to the PAC on the July 29th HAB/ Plume Phase exercise demonstration. The Field Team out-of-sequence demonstration will be done July 30th at Maple Grove Station #2. The Command Van will be simulated to relay measurement data to the PAC due to the out-of-sequence demonstration.

Goodhue County, Dakota County

This is a state function and will not be demonstrated by the counties.

SUB-ELEMENT 4.b – Post Plume Phase Field Measurements and Sampling

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

State of Minnesota

This criterion was not selected for this exercise.

Goodhue County, Dakota County

This is a state function and will not be demonstrated by the counties.

SUB-ELEMENT 4.c – Laboratory Operations

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

State of Minnesota

This criterion was not selected for this exercise.

Goodhue County, Dakota County

This is a state function and will not be demonstrated by the counties.

EVALUATION AREA 5 – EMERGENCY NOTIFICATION AND PUBLIC INFORMATION

SUB-ELEMENT AREA 5.a – Activation of the Prompt Alert and Notification System

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 REP guidance.

State of Minnesota

The development and dissemination of an Emergency Alert System (EAS) message will be demonstrated in the SEOC. The EAS is activated only when there is a protective action (i.e., evacuation or sheltering) for people. The State EAS Plan states that the code for a nuclear generating plant incident is monitored by all relay stations and is set to automatically transmit the message from the State EOC.

The following is a summary of the PAD and EAS process:

1. The Planning and Assessment Center (PAC) receives a recommendation from the utility.
2. The PAC makes an independent assessment of the data and develops its recommendation.
3. The EAS Message and corresponding Special News Bulletins are selected by the Planning Chief and communicated to the Operations Chief.
4. The Operations Chief gets concurrence on the Protective Action Recommendation (PAR) from the Minnesota risk counties.

5. The PAR is communicated to the Minnesota State Incident Manager (SIM)
6. The SIM gets concurrence from the State of Wisconsin SEOC Manager.
7. The PAR is communicated to the Governor's Authorized Representative (GAR) where once approved, it becomes a Protective Action Decision (PAD).
8. The time that the sirens are sounded and the time the EAS is activated is determined by the SIM after the PAD has been approved by the Minnesota GAR.
9. The SIM notifies the Wisconsin SEOC Manager of the siren sounding time and the time after the sirens sound that the EAS message will be transmitted. The Wisconsin OIC is ultimately responsible for relaying this message and any subsequent messages to Pierce County.
10. A copy of the approved PAD goes to the Operations Chief to coordinate these times with Dakota and Goodhue counties via a conference call – the EAS message is the State's responsibility.
11. The sirens are sounded (county responsibility - simulated).
12. The EAS message is transmitted (simulated).
13. Special News Bulletins are sent out.
14. Media Briefings occur.

The Wisconsin SEOC Manager is responsible for all communications with Pierce County. The State of Minnesota has no direct communication with Pierce County.

Note: *The first PAD is pre-approved and the SIM is authorized to give an approval.*

An EAS transmitter (located in the SEOC) will directly broadcast by radio transmission an EAS message using an encoder/decoder, which is automatically monitored by encoders/decoders by major relay stations. In addition, the EAS Writer has the capability to send a message directly over NOAA weather alert radios utilizing a link to the National Weather Service headquarters in Chanhassen, Minnesota. The EAS message will contain the following basic information regarding the event:

- Identification of the ORO responsible and the official with authority for providing the alert signal and instructional message;
- Identification of the commercial NPP and a statement that an emergency exists there;
- Reference to REP-specific emergency information (e.g., brochures, calendars, etc.) for use by the general public during an emergency; and
- A closing statement asking that the affected and potentially affected population stay tuned for additional information, or that the population tune to another station for additional information.

The method used to broadcast the message will be fully demonstrated as it would in an actual emergency up to the point of transmission.

Additional information will be disseminated through the JIC using special news bulletins and media releases.

Activation of sirens, EAS, weather radios and the broadcast of media messages will be simulated.

The State of Minnesota may be using various social media services (Twitter, Facebook, etc.) to notify the public, but these will not be evaluated.

Goodhue County and Dakota County

All EAS messages are developed and disseminated by the SEOC. After each PAR becomes a PAD, siren sounding will be simulated once. Goodhue County has the lead for siren activation coordination with Dakota and Pierce County. The coordination of alert implementation will be demonstrated in the Goodhue County EOC and Dakota County EOC. Notification is a responsibility of the state for demonstration and will not be demonstrated in the Goodhue County EOC or Dakota County EOC (siren activation will be simulated).

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.

State of Minnesota

This criterion is the responsibility of the counties and will not be demonstrated by the state.

Goodhue County

Goodhue County has 100% siren coverage; there will not be an inoperable siren inject for demonstration.

Dakota County

Dakota County has 100% siren coverage; there will not be an inoperable siren inject for demonstration.

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

State of Minnesota

This criterion is the responsibility of the counties and will not be demonstrated by the state.

Goodhue County

This criterion is not selected for this exercise. Goodhue County has 100% siren coverage and will not demonstrate route alerting.

Dakota County

This criterion is not selected for this exercise. Dakota County has 100% siren coverage and will not demonstrate route alerting.

SUB-ELEMENT 5.b – Emergency Information and Instructions for the Public and the Media

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

State of Minnesota

After the SIM has approval of the PAD from the GAR, pre-scripted EAS messages communicating emergency information and instructions are released to the public. Initiating release of pre-scripted EAS messages is the responsibility of the SEOC Planning Chief. Special news bulletins will be pre-scripted and modified as needed and coordinated with all applicable agencies. The public will be told to remain tuned to their radio and television stations for further information. Special news broadcasts will be announced in the JIC media briefing room. Social media may be used to further disseminate messaging but will not be evaluated.

The Lead PIO and other organizational PIOs will work together in the JIC work area (located in the SEOC). They will determine what information is released to the general public however, the emergency information will contain all the necessary and applicable instructions (e.g., evacuation instructions, evacuation routes, reception center locations, what to take when evacuating, shelter-in-place instructions, information concerning protective actions for schools and persons with disabilities and access/functional needs, and the public inquiry hotline telephone number) to assist the public in carrying out the PADs provided. The emergency information will include previously identified protective action areas that are still valid, as well as new areas and emergency information that is no longer valid will be rescinded and not repeated by broadcast media. In addition, the JIC will demonstrate the capability to ensure that current emergency information is repeated at pre-established intervals in accordance with the plans/procedures. Media briefings will be demonstrated in the media briefing room. Media briefings may be streamed live into the SEOC but will not be evaluated.

PIOs will simulate the distribution of news releases and advisories via e-mail and will log the distribution, recording what they would have actually sent out. A list of the media organizations will be provided to the evaluator. The Lead PIO will coordinate all information released to the media.

An Information Hotline (public inquiry) will be operated from the SEOC. Controllers using pre-scripted controller messages will make incoming calls. During this exercise, controllers from the staff of HSEM will make calls into the information hotline using pre-scripted messages. Information Hotline staff will answer phones and communicate any rumor trends to the Operations Chief or Asst. Operations Chief through the Hotline Supervisor for action. Televisions used to monitor media broadcasts are located in the Information Hotline and PIO work areas. For the exercise the televisions may not be turned on.

NOTE: The State of Wisconsin will not be participating in the Minnesota Hotline as they have their own Hotline.

NOTE: The HAB demonstration in relation to the ICP, have Public information coordinated by the Joint Information Center (JIC) in the SEOC and no media access should be available on site until conditions are stabilized and IC requests to have media brought in closer to the scene in coordination with the State Joint Information Center. Media information for the ALERT and SAE ECL should include messaging about the incident and request that people in the immediate area to stay indoors and off of the roadways for safety purposes.

Goodhue County

Emergency information released to the public and the news media are the responsibility of the SEOC and the JIC. The Goodhue County Public Information Officer (PIO) Liaison, located in the SEOC and in accordance with JIC activities, will demonstrate the coordination of Goodhue County public information. The Goodhue County PIO Liaison will be pre-positioned in the area of the SEOC and will wait an appropriate amount of time before interacting with other responders.

Goodhue County will be demonstrating local media briefings from the County EOC area. Goodhue County/ City of Red Wing are responsible for coordinating the media information with the JIC in the SEOC. The location of the media briefing will be Goodhue County EOC 430 W. 6th St, Red Wing, MN 55066.

Dakota County

Emergency information released to the public and the news media are the responsibility of the SEOC and the JIC. The Dakota County Public Information Officer (PIO) Liaison, located in the SEOC, in accordance with JIC activities, will demonstrate the coordination of Dakota County public information. The Dakota County PIO Liaison will be pre-positioned in the area of the SEOC and will wait an appropriate amount of time before interacting with other responders.

Dakota County will not be demonstrating any local briefings.

EVALUATION AREA 6 – SUPPORT OPERATION/FACILITIES

SUB-ELEMENT 6.a – Monitoring, Decontamination, and Registration of Evacuees

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 Minnesota

St. Cloud Reception Center will be exercised as an out-of sequence demonstration. Evacuee monitoring will be demonstrated on July 29, 2014 7:00 pm at the Apollo High School located at 1000 N 44th Ave in St. Cloud, MN 56303 in Stearns County. All emergency workers that are issued dosimetry will demonstrate appropriate use of that dosimetry and record keeping in accordance with their established procedures/guidelines. A briefing or the new Emergency Worker Exposure cards with the QR code may be used as a dosimetry briefing. The emergency workers will demonstrate their knowledge of exposure rate and administrative limits. The reception center will use a combination of group and individual dosimetry per procedures. KI will not be issued due to the facilities not being within the 10 mile Emergency Planning Zone (EPZ).

NOTE: Reception Center workers are not Emergency Workers.

The facility Director of Operations is a Safety Officer from the Minnesota Department of Human Services (DHS). The evacuee monitoring stations use both vehicle and personnel portal monitors and will process at least 6 evacuees to demonstrate the 20% EPZ population monitoring capability in a 12-hour period. Hand held survey instruments (Ludlum Model 26s) are used by monitoring staff in the decontamination areas and will be operationally checked prior to use. Reception Center volunteer staff will conduct monitoring and serve as recorders. Volunteer mock evacuees will go through the reception center monitoring, decontamination and registration process. At least one "evacuee" will require decontamination. The decontamination process will be demonstrated by interview with reception center staff. Contamination levels, monitoring and decontamination results will be provided by controllers.

All evacuees who pass through the Reception Center will be processed through the registration station.

Vehicle Monitoring and Decontamination

At least one evacuee vehicle will be monitored and will require decontamination. The vehicle monitoring process will be demonstrated using a combination of portal monitors and hand held survey instruments at the Apollo High School located at 1000 N 44th Ave in St. Cloud, MN 56303 in Stearns County. Decontamination processes will be demonstrated at the Station #2 St. Cloud Fire Department 727 Anderson Avenue St. Cloud MN 56303.

Controllers will provide contamination⁰¹ and monitoring levels along with decontamination results.

NOTE: Ambulance personnel may be set up onsite to respond to potentially contaminated and injured evacuees, but this portion will not be evaluated. Evaluation of the ambulance response (MS-1) will occur on Wednesday August 20th at 7:00 am in St. Cloud, MN.

Household pet decontamination and monitoring may be set up, but will not be evaluated as a part of this exercise.

Goodhue County and Dakota County

This is a state function and will not be demonstrated by the counties.

SUB-ELEMENT 6.b – Monitoring and Decontamination of Emergency Workers and their Equipment and Vehicles

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 Minnesota

This is a county responsibility and will not be demonstrated by the state.

Goodhue County and Dakota County

This criterion was not selected during this exercise.

SUB-ELEMENT 6.c – Temporary Care of Evacuees

Criterion 6.c.1: Managers of congregate care facilities demonstrate that the centers have resources to provide services and accommodations consistent with planning guidelines. Managers demonstrate the procedures to assure that evacuees have been monitored for contamination and have been decontaminated as appropriate before entering congregate care facilities.

State of Minnesota

Congregate Care will be demonstrated Tuesday July 29, 2014 in conjunction with the St. Cloud Reception Center stationed in the Apollo High School. The Congregate Care demonstration will be held in Stearns County at the Apollo High School located at 1000 N 44th Ave in St. Cloud, MN 56303.

An American Red Cross shelter manager and nurse will meet the evaluator at the St. Cloud Apollo High School reception center. They will proceed to the selected mass shelter location and conduct a walk-through of the facility. The evaluator will be provided with a list of supplies, equipment, personnel and logistical information for review. The shelter agreement will also be available for review.

Goodhue County and Dakota County

This is a state function and will not be demonstrated by the counties.

SUB-ELEMENT 6.d – Transportation and Treatment of Contaminated Injured Individuals

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 Minnesota

MS-1 Transportation (Ambulance)

Regions

Region's Cottage Grove EMS Ambulance will demonstrate this objective in the parking lot outside Regions Hospital (simulating the reception center) at 7:00 am July 28, 2014. All emergency workers that are issued dosimetry will demonstrate appropriate use of that dosimetry and record keeping in accordance with their established procedures/guidelines. A briefing or the Emergency Worker Handbooks with the read and sign or the QR code may be used as a dosimetry briefing. The emergency workers will demonstrate their knowledge of exposure rate and administrative limits. The hospital uses group dosimetry per procedures. KI will not be issued due to the facilities not being within the 10 mile Emergency Planning Zone (EPZ).

A person will portray an injured contaminated individual. The ambulance crew will respond and assess the patient's medical condition. The ambulance crew will wrap the patient up, remove the victim and transport them to the hospital. Communications between the Ambulance and the Hospital will be demonstrated at this time. Ambulance contamination monitoring will be demonstrated by Regions Hospital in St. Paul.

Wabasha

Wabasha Emergency Services will demonstrate this criterion objective in an out-of-sequence demonstration on August 19, 2014.

St. Cloud

St. Cloud Gold Cross Ambulance Emergency Services will demonstrate this criterion objective in an out-of-sequence demonstration on August 20, 2014.

MS- 1 (Facilities)

Regions

Region's Hospital (640 Jackson Street, St. Paul MN) will demonstrate this objective at 8:00 am on July 28th 2014. Upon notification, the hospital personnel will prepare the emergency room area for arrival of a contaminated patient, including appropriate contamination control measures.

Hand held survey instruments will be used by the hospital personnel to monitor the victim. A check source will be used to ensure that the instruments respond. Hand held instruments are calibrated annually.

A contaminated injured evacuee will be delivered by Cottage Grove EMS Ambulance. Hospital radiation specialists will conduct radiological monitoring as necessary. Appropriate equipment and supplies will be available. The setting of priorities between medical treatment and contamination controls will be demonstrated. Samples will be collected and decontamination procedures will be demonstrated. The screening of the ambulance for contamination will be demonstrated at this time.

Wabasha

Wabasha's St. Elizabeth's Hospital (1200 5th Grant Blvd West Wabasha, MN 55981) will demonstrate this criterion objective in an out-of-sequence demonstration on August 19, 2014.

St. Cloud

St. Cloud Hospital will demonstrate this will demonstrate this criterion objective in an out-of-sequence demonstration on August 20, 2014.

Goodhue County, Dakota County

This is a state function and will not be demonstrated by the counties.

2014
Prairie Island Nuclear Generating Plant Exercise
Extent of Play Agreement
State of Wisconsin / Pierce County

Exercise Date: July 29, 2014

Locations: The State of Wisconsin Emergency Operations Center (EOC) in Madison, and the Pierce County EOC in Ellsworth. The Joint Information Center (JIC) is located in the Minnesota EOC and will be staffed by personnel from both states.

This is a full participation plume exposure pathway and hostile action-based (HAB) exercise. The participating off-site response organizations (OROs) will be the State of Wisconsin and Pierce County.

Criteria that can be re-demonstrated immediately for credit, at the discretion of the evaluator, include the following: 3.a.1, 3.b.1, 3.d.1, 3.d.2, 4.a.3, 4.b.1, 6.a.1, 6.b.1, 6.c.1 and 6.d.1. Criteria that may be re-demonstrated, as approved on a case-by-case basis by the Chairperson of the Regional Assistance Committee (RAC), include the following: 2.a.1, 2.b.1, 2.b.2, 5.a.1 and 5.b.1. The State of Wisconsin and Pierce County wish to re-demonstrate any areas of concern during the week of the exercise, if possible.

PRIOR AREAS REQUIRING CORRECTIVE ACTION (ARCA):

State of Wisconsin and Pierce County

Currently, there are no opened ARCAs for the State of Wisconsin or Pierce County that are able to be corrected in the Prairie Island Nuclear Generating Plant 2014 Exercise.

Overview of Exercise Schedule and Sites (arranged chronologically):

Activity	Date	Time	Location	Sequence
Pre-Exercise Meeting (MN / WI)	28 Jul 14	1400 hrs.	Country Inns & Suites 300 33rd St West, Hastings, MN	N/A
Pre-Exercise Meeting (WI - only)	28 Jul 14	1400 hrs.	State of Wisconsin EOC 2400 Wright St., Madison, WI	N/A
Full Participation HAB & Plume Exercise, Wisconsin State EOC	29 Jul 14	refer to scenario	State of Wisconsin EOC 2400 Wright St., Madison, WI	In-Sequence
Full Participation HAB & Plume Exercise, Pierce County EOC	29 Jul 14	refer to scenario	Pierce County EOC 414 West Main Street, Ellsworth, WI	In-Sequence
Full Participation HAB & Plume Exercise, Minnesota Joint Information Center	29 Jul 14	refer to scenario	State of Minnesota EOC 444 Minnesota St. (Suite 223), St. Paul, MN	In-Sequence
Emergency Worker Exposure Control	29 Jul 14	1100 hrs.	Pierce County EOC (Sheriff's Conf. Room) 414 West Main St., Ellsworth, WI	Out-of-Sequence
Traffic Access Control	29 Jul 14	1100 hrs.	Pierce County EOC (Sheriff's Conf. Room) 414 West Main St., Ellsworth, WI	Out-of-Sequence
MS-1 Evaluation (Hospital)	30 Jul 14	1300 hrs.	Sacred Heart Hospital 900 West Clairemont Ave., Eau Claire, WI	Out-of-Sequence
Protective Action for Schools	30 Jul 14	1300 hrs.	Prairie View Elementary School W7375 170 th Avenue, Hagar City, WI	Out-of-Sequence
Emergency Worker and Evacuee Monitoring and Decontamination	30 Jul 14	1900 hrs.	Elmwood School Reception Center 213 South Scott St., Elmwood, WI	Out-of-Sequence
Emergency Worker and Evacuee Vehicle Decontamination	30 Jul 14	1900 hrs.	Elmwood School Reception Center 213 South Scott St., Elmwood, WI	Out-of-Sequence
MS-1 Evaluation (Transportation)	30 Jul 14	1900 hrs.	Elmwood School Reception Center 213 South Scott St., Elmwood, WI	Out-of-Sequence
Congregate Care Center Interview	30 Jul 14	1900 hrs.	Spring Valley Middle/High School S1450 CTH CC, Spring Valley, WI	Out-of-Sequence
FEMA players debriefing	1 Aug 14	0900 hrs.	Goodhue County EOC 430 W. 6 th St, Red Wing, MN	N/A
FEMA media out briefing	1 Aug 14	96 1000 hrs.	Goodhue County EOC 430 W. 6 th St, Red Wing, MN	N/A

EVALUATION AREA 1 – EMERGENCY OPERATIONS MANAGEMENT

Criterion 1.a.1: Mobilization: *OROs use effective procedures to alert, notify and mobilize emergency personnel and activate facilities in a timely manner. (NUREG-0654/FEMA-REP-1, A.1.a, e; A.3, 4; C.1, 4, 6; D.4; E.1, 2; G.3.a; H.3, 4)*

State of Wisconsin

This is a full-participation plume pathway and hostile action-based exercise. Most activities, including decision making and radiological control/dose assessment, will occur at the State Emergency Operations Center (SEOC) and the State Radiological Coordinator (SRC) Room (Room 105), both located at 2400 Wright Street, Madison, Wisconsin. The Joint Information Center (JIC), located in the Minnesota EOC at 444 Minnesota Street, St. Paul, MN, will be staffed by both Minnesota and Wisconsin personnel.

The initial notification to activate the State's REP response will occur via a faxed NARS form from Prairie Island Nuclear Generating Plant (PINGP) to both the State Patrol Headquarters (Warning Center 1) and Wisconsin Emergency Management (Warning Center 2). If the initial notification occurs prior to 8:00 a.m., State Patrol will contact the WEM Duty Officer (DO) via a pager. If the initial notification occurs between 0800 hrs. and 1600 hrs. or a member of WEM staff is present in the office, the fax will be received by WEM staff. The fax will be followed by a phone call from the Prairie Island Nuclear Generating Plant (PINGP) through the City Watch system. City Watch is a dedicated phone system which rings simultaneously to State Patrol Headquarters (911 West North Street, DeForest, WI), WEM Response & Recovery Bureau, WEM Planning & Preparedness Bureau, WEM REP Section, SEOC, the Communications Room located within WEM, and at the Sheriff's dispatch center in Pierce County. State Patrol will contact the WEM DO and either give them the NARS form or verbally relay the information received on the NARS form.

Based upon the WEM standard operating procedure, the DO or WEM REP staff will contact the SRC. The SRC will then call the PINGP at the "call-back" number listed on the NARS form, to verify authenticity as well as to obtain additional information.

The DO will use the WEM Standard Operating Procedure for activation of the EOC. As per the Wisconsin Emergency Response Plan, the EOC is elevated at the 'ALERT' or higher classification for nuclear power plants that have a 10-mile EPZ within Wisconsin. The SRC will respond in real-time (in sequence) and will report to 2400 Wright Street, Room 105, Madison, once a call back has been made to the plant. EOC security will be demonstrated; exercise participants, observers, controllers and evaluators will be asked to wear ID badges.

The DO or his/her designee will employ the use of the EOC software, E-Sponder for alerting staff both internally as well as external Wisconsin state agencies to report to the EOC. The software sends a pre-scripted message to office phones, cellular phones, and e-mail accounts simultaneously. Recipients of the notification must respond as to their status (i.e. "press 1 if you plan to report to the EOC," "press 2 if you cannot report to the EOC..."). The DO or his/her designee will monitor the responses by staff. In the event that E-Sponder cannot

successfully perform its alerting function, or if an individual fails to respond, the DO or his/her designee will make the staff notifications via a telephone “calling tree”.

A 24-hour EOC Staffing Roster will be presented from the State to FEMA at the pre-exercise meeting to be held on July 29th, 2014.

Due to lengthy travel times, some staff will be pre-positioned. As per the EOC Activation SOP, these individuals will also be notified via E-Sponder alerting:

- A Wisconsin Emergency Management Regional Director and assistant will be pre-positioned in the Pierce County EOC building, but will not be allowed to start play until 10 minutes after EOC activation.
- A Wisconsin Emergency Management Regional Director will be pre-positioned in the Goodhue County EOC building, but will not be allowed to start play until 10 minutes after notification of the EOC activation.
- State Joint Information Center (JIC) staff will be pre-positioned in close proximity to the JIC located at 444 Minnesota Street, St. Paul, MN. Once the JIC staff is notified by the WEM Public Information Officer to report to the JIC they will wait approximately 10 minutes before reporting to the JIC. The WI JIC staff will register with MN HSEM security before being allowed to enter the facility.
- Liaisons from Prairie Island will be pre-positioned in Madison and will be notified to report to the EOC after an Alert classification or higher is announced.
- The MS-1 hospital drill will be conducted at Sacred Heart Hospital, 900 W. Clairemont Avenue, Eau Claire, WI out of sequence at 1300 hrs on July 30th, 2014.

The Forward Operations Center/Mobile Radiological Laboratory (FOC/MRL) will be pre-positioned at 420 W. Grove Street, Ellsworth, WI. The FOC/MRL is mobilized upon the authorization of the SRC.

All Restricted Area Field Teams (RAFT) will be pre-positioned at a hotel in River Falls, WI. The RAFT will be notified and activated by the FOC/MRL Field Response Manager to begin exercise play at the appropriate time.

Pierce County

Pierce County will fully activate its Emergency Operations Center (EOC) located at 414 West Main Street, Ellsworth, WI and will carry out warning and staff call-up procedures as outlined in the Pierce County Plan, EOC security will be demonstrated; exercise participants, observers and evaluators will be asked to wear ID badges.

Initial notification will be received by the Sheriff's Dispatchers via conference call on the City Watch telephone system, from the Prairie Island Nuclear Generating Plant. The Sheriff's Dispatch Center is located at 432 West Main Street, Ellsworth, WI. The dispatchers will then activate the EOC staff using an emergency notification system. In the event that the emergency notification system cannot successfully perform its notification, or if an individual fails to respond, the dispatcher will make the staff notifications via telephone calls. The 24-hour shift change list can be seen in the EOC.

The PIO representing the County at the JIC will be pre-positioned in the vicinity of the JIC. The PIO will not interact in play until contacted by the emergency notification system (or Pierce County Dispatch) and will wait approximately 10 minutes after the call before beginning play.

Incident Command Post and Staging Area

A representative from the Pierce County Sheriff's Department Emergency Response Unit (ERU) will be prepositioned at the Staging Area (SA) and will wait an appropriate amount of time before beginning play. The SA is located at Prairie Island Public Safety building (Welch, MN).

Criterion 1.b.1: Facilities: *Facilities are sufficient to support the emergency response. (NUREG-0654/FEMA-REP-1, G.3.a; H.3; J.12; K.5.b)*

State of Wisconsin

The base line criterion has been previously evaluated and will not be demonstrated during this exercise.

Pierce County

The base line criterion has been previously evaluated and will not be demonstrated during this exercise.

Criterion 1.c.1: Direction and Control: *Key personnel with leadership roles for the Offsite Response Organization (ORO) provide direction and control to that part of the overall response effort for which they are responsible. (NUREG-0654/FEMA-REP-1, A.1.d; A.2.a, b; A.3; C.4, 6)*

State of Wisconsin

The State will demonstrate coordination between the SEOC, the JIC, the Pierce County EOC, the State of Minnesota SEOC, PINGP, and other appropriate off-site response organizations, including field operations.

The SRC holds the responsibility for evaluating the utility's protective action recommendation (PAR), and considering results of the state's independent assessment when developing a PAR for Pierce County. The SRC briefs the EOC Manager regarding the PAR to be given to the counties.

The Hotline Supervisor will demonstrate coordination of the hotline between the JIC in St. Paul and the State EOC via the WI JIC Hotline Liaison, the SEOC Hotline Liaison and the use of E-Sponder.

The State Liaison at the Pierce County EOC will act as a conduit between the state and the county, passing on resource requests, entering information on E-Sponder, and assisting/supporting the county, as needed.

The State JIC representatives will demonstrate coordination between the SEOC (including WI-DIAL), Pierce County JIC representatives, the utility JIC representatives, and other appropriate organizations.

Pierce County

The Pierce County Emergency Manager (EM) will direct and control emergency operations for Pierce County and will coordinate decisions and emergency activities with the state and other appropriate off-site response organizations.

The County JIC representatives will demonstrate coordination between Pierce County, State and utility JIC representatives, and other appropriate organizations.

The designated Reception Center staff will demonstrate the ability to carry out the essential management functions of the response effort and the ability to prioritize resource tasking and replace resources when faced with competing demand for resources. These activities will be conducted in accordance with plans and procedures.

Criterion 1.d.1: Communications Equipment: *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. (NUREG-0654/FEMA-REP-1, F.1, 2)*

State of Wisconsin

The primary communication link between the SEOC and PINGP is the City Watch telephone; for all other locations, the primary means of communication is by commercial telephone.

Traditional phone, fax, and paper systems will be used as primary means of communication, with electronic mail to communicate with others in the State EOC and the JIC, as a secondary means of communication. E-Sponder, WEM's EOC software, will be used for event logging and briefing forms; however, EOC staff are also permitted to handwrite their logs and forms.

Backup communications for the State include a variety of other communication systems (e.g., NAWAS, cellular phone, radio, TDD, facsimile and satellite telephone), which are used to communicate with Pierce County, the State of Minnesota, the utility and other locations. RACES operators will utilize amateur radio VHF communications between the SEOC and Pierce County. For the State of Wisconsin, RACES operators will be located in the "Radio Room" which is adjacent to the SEOC.

The Forward Operations Center/Mobile Radiological Laboratory (FOC/MRL) will communicate between the SRC room and the Field Teams. Communications may be in the form of radio, cellular and/or landline telephone and a private E-Sponder site (separate from the exercise site).

For the MS-1 medical facility portion of the exercise the hospital staff will communicate with the ambulance via radio. The ambulance will contact them at 1300 hrs., giving hospital staff 30 minutes to prepare the Radiation Emergency Area (REA). At 1330 hrs., the ambulance will

arrive and the patient will be offloaded. Ambulance staff have cell phones as a secondary means of communication and can call a landline phone at the emergency desk at the hospital.

Pierce County

Pierce County uses a variety of communications systems; however, notifications from PINGP are done using a dedicated phone system (City Watch). Commercial telephones, cellular phones, satellite phones, TDD, and facsimile will be used to communicate with the utility, State EOC, JIC and other locations. Laptops, e-mail and paper messaging are used to communicate within and outside of the EOC.

RACES volunteer operators will demonstrate back-up radio communication from the RACES radio room, which is located adjacent to the EOC. State Staff will monitor E-Sponder in the County EOC.

Radio is the primary means of communication for TACP's and cell phones may also be used.

Elmwood Area Ambulance will be the participating emergency medical service in this portion of the drill. The primary means of communication between Elmwood Area Ambulance and the hospital is via cellular telephone. Radio is a secondary means of communication. The ambulance crew will discuss procedures used to communicate with the hospital. No actual contact will be made with the hospital.

Incident Command Post and Staging Area

The primary communication to the Command Post will be from the Goodhue County EOC to the Command Post and is not the responsibility of the State of Wisconsin or Pierce County. The SEOC will generally work through MN SEOC or their representative in the Goodhue County EOC once they are present for the communications with the Command Post.

Criterion 1.e.1: Equipment and Supplies to Support Operations: *Equipment, maps, displays, monitoring instruments, dosimetry, potassium iodide (KI) and other supplies are sufficient to support emergency operations. (NUREG-0654/FEMA-REP-1, H.7, 10; I.7, 8, 9; J.10.a, b, e; J.11, 12; K.3.a; K.5.b)*

State of Wisconsin

The State will demonstrate the use of scanners, copiers, maps, plans, procedures and displays to support emergency operations in the SEOC, Room 105 (the SRC Room), the WI-DIAL room and the JIC. The state will use its EOC software, E-Sponder, in conjunction with its GIS applications.

The state will demonstrate the availability of dosimetry and potassium iodide (KI). Documentation of the KI expiration date (February 2017), current instrument inventory and calibration records will be provided at the FEMA Pre-ex briefing.

Each Field Team keeps a kit with equipment, consumable supplies, including KI and a manual in their office and if deployed, brings the kit with them.

The Forward Operating Center is equipped with appropriate communication equipment, computers, maps, and display boards for use when directing teams in the field to identify plumes or plume boundaries. Instruments in the FOC requiring calibration will include the appropriate calibration documentation.

The Sacred Heart Hospital REA staff will use dosimetry and survey meter equipment in accordance with their plans and procedures.

Pierce County

Pierce County will demonstrate the ability to support operations through the use of equipment, maps, status boards and other displays within the EOC and the JIC as appropriate. Monitoring equipment, dosimetry and complete “county emergency worker dosimetry kits” are stored at the County EOC. Each county emergency worker dosimetry kit contains: potassium iodide (KI), a TLD, a high-level and low-level DRD, instructions, and a form for recording dosimetry readings. Additional KI for emergency workers and immobile populations is also kept at the same location. The expiration date for Pierce County’s supply of KI is July 2015.

Reception Center workers are not considered emergency workers and will only receive a low range dosimeter and a TLD, as their work site is located outside of the 10-mile EPZ. Their Reception Center worker kits do not contain KI.

School staff and bus drivers are not considered emergency workers and are not issued dosimetry or KI.

Instrument inventory and calibration records are maintained by Pierce County and will be available for review at the Pierce County EOC during the exercise on July 29, 2014. The dosimetry kits for the ambulance crew will be distributed at the Reception Center and will contain a low-range dosimeter and a TLD, but not KI.

EVALUATION AREA 2 – PROTECTIVE ACTION DECISION MAKING

Criterion 2.a.1: Emergency Worker Exposure Control: *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. (NUREG-0654/FEMA-REP-1, C.6; J.10.e, f; K.3.a; K.4)*

State of Wisconsin

The SRC, based on his/her technical evaluation of the available data, will make recommendations for emergency worker exposure control to the State Field Team Coordinator (FTC) at the FOC/MRL. The SRC will make recommendations to the Pierce County Radiological Officer for county emergency worker exposure control. This includes recommendations for the ingestion of KI by county emergency workers. The recommendation is passed on to the counties through the State EOC Manager or Operations staff. The County RO and County OIC then decide whether to implement this recommendation.

Emergency workers, including the field teams, have a dose limit of 3 rem whole body (Deep Dose Equivalent). The exposure rate turn-back value for emergency workers having access to survey meters is 200mR/hr closed window reading. For an emergency worker who only has access to a DRD, an exposure value of 150 mR will be used as the turn back value. By procedure, the SRC can authorize a radiation exposure in excess of the administrative limit for emergency workers.

Pierce County

Pierce County's Radiological Officer (RO) will receive recommendations for the ingestion of KI from the SRC and will make his/her recommendation to the Officer-in-Charge (OIC) of the County. At this point the OIC advises all agencies to recommend the ingestion of KI. The County RO will also evaluate requests from county public safety officials who request an exception to worker exposure limits. The County RO will confer with the SRC for exceptions to exposure limits and make a recommendation to the County OIC. If the scenario does not drive exception to Emergency Worker exposure limits, this evaluation will be accomplished by an interview process.

Any Pierce County assets that are deployed to Goodhue County, MN for mutual aid will follow the State of Minnesota emergency worker exposure limits and recommendations to ingest KI based on the briefing provided by MN.

Criterion 2.b.1: Radiological Assessment and Protective Action Recommendations: *Appropriate protective action recommendations are based on available information on plant conditions, field monitoring data, and licensee and ORO dose projections, as well as knowledge of on-site and off-site environmental conditions. (NUREG-0654/FEMA-REP-1, 1.10 and Supplement 3)*

State of Wisconsin

The SRC staff will evaluate information provided by the licensee on plant conditions and perform independent dose assessment and projections. These projections are based on plant conditions, field-monitoring data, and knowledge of on-site and off-site environmental conditions.

Field monitoring data will be provided via controller inject messages through the field teams to the Field Team Coordinator. The SRC will evaluate the data and make any necessary protective action recommendation to the EOC Manager. Generally, early dose assessments performed by state dose assessment personnel will be based upon plant conditions obtained via telephone or facsimile from the affected plant. Later dose assessments and projections will be developed based upon plant conditions and simulated field sampling results (provided by the State Field Teams through the FOC/MRL).

The State SRC will also use dedicated laptop computers for RASCAL dose assessment and/or plume modeling. The plume data will be integrated into GIS for display. The SRC will evaluate all available data, and in coordination with the State of Minnesota's Planning Chief, the EOC Manager will make protective action recommendations to the Governor or his/her designee.

Pierce County

The county will not demonstrate this criterion. It is a State responsibility.

Criterion 2.b.2: Decisions for the Plume Phase of the Emergency: *A decision-making process involving consideration of appropriate factors and necessary coordination is used to make protective action decisions for the general public (including the recommendation for the use of KI, if ORO policy). (NUREG-0654/FEMA-REP-1, A.3; C.4, 6; D.4; J.9; J.10.f, m)*

State of Wisconsin

The Governor or his/her designee will demonstrate the ability to make appropriate protective action decisions based on recommendations from the EOC manager and the SRC in the SEOC. As a “home rule” state, the Governor or his/her designee makes protective action recommendations (PARs), but implementation decisions ultimately reside with the chief elected official (or his/her designee) in the affected county, who may modify PARs based on local needs or considerations. The EOC manager or designee will contact the Pierce County Officer in Charge and relay the PAR to ensure that the County has no events taking place that will prohibit implementation of the PAR. Upon concurrence between Pierce County and the State of Wisconsin, the recommendation is coordinated between the Wisconsin EOC manager and the State of Minnesota’s State Incident Manager (SIM). Once a PAR is agreed upon by both states it is presented to the Wisconsin Governor or his/her designee for approval. Upon approval of both Governors of the states of Wisconsin and Minnesota, the EOC manager and SIM acknowledge that the PAR is now a Protective Action Decision (PAD) ready for implementation.

Potassium Iodide (KI) is pre-distributed on a voluntary basis to the general public living within the Pierce County 10 mile EPZ. Prior to an ALERT or higher declaration at the Prairie Island Nuclear Generating Plant, members of the public can acquire KI free of charge by using a voucher located in the annual emergency planning guide (calendar). The annual calendar was distributed by PINGP to residents within the EPZ in January of 2014. The voucher can be redeemed at Target Pharmacies located near the Prairie Island Nuclear Generating Plant. The State of Wisconsin will demonstrate coordination with the State of Minnesota concerning the KI PAR and address concerns from the public (via Hotline calls). Once a PAD has been made for the general public, the State of Minnesota will issue a Special News Bulletin through the JIC stating: “If you live or work in the evacuation (or shelter in place) area and have potassium iodide, known as KI, readily available, you should take it now...”

Pierce County

Pierce County’s chief elected official (County Board Chair) or his/her designee will evaluate protective action recommendations from the State EOC and determine if those recommendations are appropriate for the local situation. Any change to protective action recommendations will be coordinated with the Wisconsin State EOC. Pierce County does not distribute KI to the general public; the state pre-distributes KI to the general public.

Criterion 2.c.1 Protective Action Decision Consideration for the Protection of Persons with Disabilities and Access/Functional Needs: *Protective action decisions are made, as appropriate, for*

groups of persons with disabilities and access/functional needs. (NUREG-0654/FEMA-REP-1, D.4; J.9; J.10.d, e)

State of Wisconsin

Protective Action Decisions for persons with disabilities and access/functional needs are determined by and are the responsibility of the County. Pierce County has no institutionalized individuals in the 10-mile EPZ. If the SRC or designee determines that the situation is deteriorating based upon status information received from the utility and that an evacuation may be recommended, he/she will alert the county so that the county may begin preparing to implement this aspect of their plan.

Pierce County

The County RO will receive activity and condition updates from the SRC or designee and pass this information onto county decision-makers. A Pierce County Human Services representative will demonstrate the ability and resources to determine appropriate protective actions for disabilities and access/functional needs (including schools within the ten mile emergency planning zone (EPZ) according to their plans. Pierce County is responsible for initiating notification for evacuation or sheltering-in-place, and identifying transportation needs for special population groups. Resources will be discussed with the Evaluator. The list of people will be available for the exercise evaluators to see but cannot be copied and removed from the County EOC due to confidentiality issues.

Criterion 2.d.1: Radiological Assessment and Decision-Making for the Ingestion Exposure

Pathway: *Radiological consequences for the ingestion pathway are assessed and appropriate protective action decisions are made based on the ORO planning criteria. (NUREG-0654/FEMA-REP-1, A.3; C.1, 4; D.4; J.9, 11)*

State of Wisconsin

The State of Wisconsin will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Pierce County

Pierce County will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Criterion 2.e.1: Radiological Assessment and Decision-Making Concerning Relocation, Re-

entry, and Return: *Timely post-plume phase re-location, re-entry 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. (NUREG-0654/FEMA-REP-1, I-10; J.9; K.3.a; M.1)*

State of Wisconsin

The State of Wisconsin will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Pierce County

Pierce County will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

EVALUATION AREA 3 – PROTECTIVE ACTION IMPLEMENTATION

Criterion 3.a.1: Implementation of Emergency Worker Exposure Control: *The OROs issue appropriate dosimetry, KI, and procedures, and manage radiological exposure to emergency workers in accordance with the plans 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. OROs maintain appropriate record-keeping of the administration of KI to emergency workers. (NUREG-0654/FEMA-REP-1, J.10.e; K.3.a, b; K.4)*

State of Wisconsin

Ambulance crews performing the MS-1 transportation will be given a briefing at the Reception Center from the Radiological Officer and be provided a Reception Center worker kit. Ambulance crews will demonstrate the proper use of DRDs and TLDs to monitor and control their exposure to radiation. Ambulance crews will follow procedures in their respective plans regarding radiological equipment use and exposure limits and will monitor and record dosimeter readings.

The Sacred Heart Hospital staff will demonstrate the use of dosimetry as a part of the MS-1 facility involving a potentially contaminated evacuee. Staff will demonstrate knowledge of radiation exposure limits as specified in their plans/procedures.

A designated Reception Center staff member will demonstrate the capability to provide reception center workers with instructions on the use of dosimeters, dosimeter chargers. Reception Center workers will demonstrate basic knowledge of radiation exposure limits and demonstrate procedures to monitor and record dosimeter readings and manage radiological exposure control. If exercise play does not require Reception Center workers to seek authorization for additional exposure, evaluators may interview two workers to determine their knowledge of whom to contact to obtain authorization.

This criterion will be demonstrated at the Forward Operations Center/Mobile Radiological Laboratory (FOC/MRL) and by Restricted Area State Field Teams. The briefing will be held at the FOC/MRL operational site (420 W. Grove St., Ellsworth, WI) prior to field team deployment. The ingestion of KI by Field Team members will be simulated.

The SRC will contact the Field Team Coordinator at the FOC/MRL to instruct field teams when to take KI based on scenario radiological data or incident classification status provided during the course of the exercise.

Pierce County

Emergency worker dosimetry kits will be distributed at the EOC at 414 West Main Street, Ellsworth, WI before assuming shift duties. All radiation monitoring equipment will be operationally checked prior to use. Emergency workers will use DRDs and TLDs to monitor and control their radiation exposure. Upon completing shift duties, emergency workers will go to the reception center to be monitored for contamination and the hand in their kits.

Pierce County Highway and/or Sheriff's Department workers assigned to the traffic and access control point will receive emergency worker kits. They will be briefed by the county Radiological Officer and the Public Health nurse at the Sheriff's Department. The staff assigned to TACP will demonstrate following the instructions on proper ingestion of KI through simulation.

Reception Center Registration personnel are not classified as emergency workers and will only receive a low range (0 - 200mR) dosimeter and a TLD, as they are located outside the 10-mile EPZ. Bus drivers are not considered emergency workers and would only be issued dosimetry if they were needed to enter a restricted area after a release has occurred.

If a recommendation is made by the State Radiological Coordinator for Reception Center staff to ingest KI, ingestion would be simulated. The demonstration will include kit distribution, a briefing on KI consumption, and instruction on KI record keeping and dosimeter readings.

Dosimetry kits for the ambulance crew contain a low-range dosimeter and a TLD. The crew will be briefing on the use of the dosimetry and will demonstrate reading their dosimetry and appropriate record keeping in accordance with their plans and procedures. Ambulance crew does not receive KI in their dosimetry kits.

The State Radiological Coordinator, working with the County Radiological Officer will authorize any exposure limits necessary for life saving activities.

Incident Command Post and Staging Area

This portion of the exercise will be conducted at the Goodhue County, MN ICP and Staging Area. Pierce County ERU member(s) will receive radiological briefings for the issue of dosimetry and KI. The emergency workers will demonstrate their knowledge of the turn-back exposure rate and administrative limits (based on the State of MN rates and limits since they are agents of Goodhue County until mutual aid). Workers may use any available resources (e.g. written procedures and/or coworkers) in providing responses. Participants may be observed or interviewed by the evaluator in these areas.

Criterion 3.b.1 Implementation of KI Decision for Institutionalized Individuals and the General

Public: *KI and appropriate instructions are available if a decision to recommend use of KI is made. Appropriate record-keeping of the administration of KI for institutionalized individuals is maintained. (NUREG-0654/FEMA-REP-1, J.10.e, f)*

State of Wisconsin

The County is responsible for administering KI for institutionalized individuals; however, Pierce County has no institutionalized individuals in the 10-mile EPZ. KI for the general public is pre-distributed by a State voucher redemption program at area Target Stores. Once Prairie Island declares an Alert or higher Emergency Classification Level, Target will discontinue dispensing KI.

Distribution of KI to the general public is “pre-distributed” by a state program before a nuclear power plant event occurs and a recommendation for the public to ingest KI is included in the EAS message Special News Broadcast that is broadcast at a General Emergency. Once an ALERT (or higher classification) is declared by the utility, distribution of KI by Target Pharmacies ceases by notification from the State of MN. KI is not distributed at the Reception Center. Pierce County has no institutionalized individuals.

Criterion 3.c.1 Implementation of Protective Actions for Persons with Disabilities and

Access/Functional Needs: *Protective action decisions are implemented for persons with disabilities and access/functional needs other than schools within areas subject to protective actions. (NUREG-FEMA-REP-1, J.10.c, d, e, g)*

State of Wisconsin

The State will not demonstrate this criterion; it is a county responsibility.

Pierce County

Pierce County will demonstrate the ability and resources to implement appropriate protective actions for persons with disabilities and access/functional needs. The County EOC staff will plan for people with special transportation needs and simulate providing evacuation assistance as dictated by the scenario.

Pierce County has seven transportation providers which are the School Districts of: River Falls, Spring Valley, Elmwood, Plum City, Ellsworth, and Prescott, and the Pierce County Aging and Disability Resource Center. Pierce County EOC staff will make actual calls to three of the seven transportation contacts (River Falls, Spring Valley and Elmwood School Districts). The Pierce County Highway Department will be responsible for assessing the capability and availability of these transportation providers. The demonstration will not require the mobilization of transportation assets to support individuals with special needs, but County EOC staff will be prepared to discuss plans and procedures regarding the implementation of protective actions for persons with disabilities and access/functional needs. Bus drivers are not considered Emergency Workers.

Criterion 3.c.2 Implementation of Protective Action for Schools: *OROs/School officials implement protective actions for schools. (NUREG-0654/FEMA-REP-1, J.10.c, d, e, g)*

State of Wisconsin

The State will not demonstrate this criterion; it is a county responsibility.

Pierce County

Pierce County will demonstrate this objective out-of-sequence through an interview process with the school superintendent, the principal, a teacher, a bus driver and the transportation supervisor, who are responsible for implementation of school evacuation. This interview session will take place at Prairie View Elementary School at W7375 170th Avenue, Hagar City, WI on Wednesday, July 30th, beginning at 0800 hrs. The “host school,” Spring Valley High School, will also have a representative available for interview at Prairie View School.

Criterion 3.d.1 Implementation of Traffic and Access Control: *Appropriate traffic and access control is established. Accurate instructions are provided to traffic and access control personnel. NUREG-0654/FEMA-REP-1, A.3; C.1, 4; J.10.g, j)*

State of Wisconsin

The State will not demonstrate this criterion; it is a county responsibility.

Note: The State of Minnesota is responsible for notifying the Federal Aviation Administration, the Army Corps of Engineers (lock and dam system) and the Coast Guard; please refer to Minnesota's plan and extent of play agreement for detailed information.

Pierce County

Pierce County will demonstrate this criterion out-of-sequence by simulation and interview. The Evaluator will meet with a County Highway Department worker and a County Sheriff's Deputy in the EOC. The County Highway Department worker and/or County Sheriff's Deputy will be given a radiological briefing, will be issued a dosimetry kit and will simulate proceeding to a pre-determined roadblock location which will be determined prior to the beginning of the exercise. The Evaluator will conduct a procedural interview with the worker out-of-sequence beginning at 1100 hrs. on July 29, 2014. This interview will be held in the Sheriff's Department Conference Room at the Courthouse Annex building, 414 W. Main St., Ellsworth, WI.

Criterion 3.d.2 Implementation of Traffic and Access Control: *Impediments to evacuation are identified and resolved. (NUREG-0654/FEMA-REP-1, J.10.k)*

State of Wisconsin

The State will not demonstrate this criterion; it is a county responsibility.

Pierce County

Pierce County will demonstrate in their County EOC the capability to identify and take appropriate actions concerning impediments to evacuation. The locations and timing of the impediment will be provided by Controller Inject. Real road construction will not be considered an impediment during the exercise; all roadways will be viewed as clear of construction for exercise purposes. Actual calls to resources will be made, but the resources will not be dispatched. All actual or simulated contacts made will be logged.

Criterion 3.e.1 Implementation of Ingestion Pathway Decisions: *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. (NUREG-0654/FEMA-REP-1, A.3; C.1, 4; J.11)*

State of Wisconsin

The State of Wisconsin will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Pierce County

Pierce County will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Criterion 3.e.2 Implementation of Ingestion Pathway Decisions: *Appropriate measures, strategies, and pre-printed instructional material are developed for implementing protective action decisions for contaminated water, food products, milk, and agricultural production. (NUREG-0654/FEMA-REP-1, G.1, J.9, 11)*

State of Wisconsin

The State of Wisconsin will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Pierce County

Pierce County will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Criterion 3.f.1 Implementation of Post-Plume Phase Relocation, Re-entry and Return Decisions:

Decisions regarding controlled re-entry of emergency workers and relocation and return of both emergency workers and the public during the post-plume phase are coordinated with appropriate organizations and implemented. (NUREG-0654/FEMA-REP-1, E.7; J.10.j; J.12; K.5.b; M.1, 3)

State of Wisconsin

The State of Wisconsin will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

Pierce County

Pierce County will not be demonstrating this criterion in the 2014 PINGP evaluated exercise.

EVALUATION AREA 4 – FIELD MEASUREMENT AND ANALYSES

Criterion 4.a.1 Plume Phase Field Measurements and Analyses: *RESERVED*

Criterion 4.a.2 Plume Phase Field Measurements & Analyses: *Field teams (2 or more) are managed to obtain sufficient information to help characterize the release and to control radiation exposure. (NUREG-0654/FEMA-REP-1, C.1; H.12; I.7, 8, 11; J.10.a)*

State of Wisconsin

State Field Teams are directed by the SRC, through the Field Response Manager (FRM) and the Field Team Coordinator (FTC) in the FOC. The Field Team Coordinator will provide monitoring/sampling direction and exposure control information directly to the teams. The FOC will provide Controller-injected field measurements reported by the State Field Teams to the SRC.

The FRM and FTC will demonstrate the capability to inform field teams on predicted plume location, direction and travel speed, and direct their sampling activities in collecting data for transmittal to the SRC in Madison, as well as managing field team exposure control procedures.

Pierce County

Pierce County will not demonstrate this criterion. It is a state responsibility.

Criterion 4.a.3 Plume Phase Field Measurements & Analyses: *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. (NUREG-0654/FEMA-REP-1, C.1; H.12; I.8, 9; J.10.a)*

State of Wisconsin

Field Team members will take measurements and collect various sample media according to their plans and procedures. They will demonstrate transport of samples and follow chain-of-custody procedures according to their plans and procedures.

Pierce County

Pierce County will not demonstrate this criterion. It is a state responsibility.

Criterion 4.b.1: Post Plume Phase Field Measurements and Sampling: *The field teams (2 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. (NUREG-0654/FEMA-REP-1, C.1; I.8; J.11)*

State of Wisconsin

This State of Wisconsin will not be demonstrating this criterion for the 2014 PINGP evaluated exercise.

Pierce County

Pierce County will not be demonstrating this criterion for the 2014 PINGP evaluated exercise.

Criterion 4.c.1 Laboratory Operations: *The laboratory is capable of performing required radiological analyses to support protective action decision. (NUREG-0654/FEMA-REP-1, C.1, 3; J.11)*

State of Wisconsin

The State of Wisconsin will not be demonstrating this criterion for the 2014 PINGP evaluated exercise.

Pierce County

Pierce County will not be demonstrating this criterion. It is a state responsibility.

EVALUATION AREA 5 – EMERGENCY NOTIFICATION AND PUBLIC INFORMATION

Criterion 5.a.1 Activation of the Prompt Alert and Notification System: *Activities associated with primary alerting and notification of the public are completed in a timely manner following the initial decision by authorized off-site emergency officials to notify the public of an emergency situation. The initial instructional message to the public must include as a minimum:*

- 1) Identification of the ORO and the official with the authority for providing the alert signal and instructional message.*
- 2) Identification of the commercial nuclear power plant and a statement that an emergency situation exists there.*
- 3) Reference to the REP-specific emergency information (e.g. brochures, calendars, and/or information in telephone books) for use by the general public during an emergency.*
- 4) A closing statement asking the affected and potentially affected population to stay tuned for additional information, or that the population tune to another station for additional information.*

(NUREG-0654/FEMA-REP-1, E.5, 6, 7)

State of Wisconsin

After making the protective action decision, the State of Wisconsin, (in coordination with the State of Minnesota and Pierce County), selects the appropriate pre-scripted EAS Message and the Special News Bulletin (SNB), and then conveys the selected message to Pierce County and the JIC. The county reviews the message and content and will approve it “as is,” or modify the message to reflect local weather, road construction, or other conditions prior to its release. As part of the coordinated PAR approval process, after approval and agreement on a time to sound the sirens by the Minnesota SIM and the Wisconsin EOC manager, and concurrence from the counties via conference call, the counties will then activate sirens. Minnesota gives the approved EAS message and SNB to the Minnesota SEOC Communications Officer. The SNB is disseminated through the JIC.

Pierce County

Pierce County will follow the Public Alert Notification System (PANS) procedures in the County plan. The County will simulate activating its sirens upon recommendation from the State of Wisconsin, in coordination with Goodhue and Dakota Counties and in conjunction with the State of Minnesota simulated activation of the PANS systems.

The State will complete the necessary decision-making and recommend appropriate protective actions to Pierce County. Pierce County will coordinate siren sounding (simulated) with Goodhue and Dakota Counties. Goodhue County is the lead county in this coordination.

The Pierce County Public Information Officer and OIC will confirm the appropriate EAS Message and Special News Bulletin message with the State and transmit the message to the EOC staff and the JIC. Staff in the Minnesota JIC will simulate the dissemination of media messages, including the Special News Bulletins.

Criterion 5.a.2 Activation of the Prompt Alert and Notification System: *RESERVED*

Criterion 5.a.3 Activation of the Prompt Alert and Notification System: *Backup alert and notification of the public is completed within a reasonable time following the detection by the ORO of*

a failure of the primary alert and notification system. (NUREG-0654/FEMA-REP-1, E.6, Appendix 3.B.2.c)

State of Wisconsin

The State will not demonstrate this criterion. It is a county responsibility.

Pierce County

Pierce County will not be demonstrating this criterion for the 2014 PINGP evaluated exercise.

Criterion 5.a.4 Activation of the Prompt Alert and Notification System: *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. (NUREG-0654/FEMA-REP-1, E.6; Appendix 3.B.2.c)*

State of Wisconsin

The State will not demonstrate this criterion. It is a county responsibility.

Pierce County

Pierce County has 100% siren coverage and will not need to demonstrate primary route alerting.

Criterion 5.b.1 Subsequent Emergency Information and Instructions for Public and the Media: *OROs provide accurate subsequent emergency information and instructions to the public and news media in a timely manner. (NUREG-0654/FEMA-REP-1, E.5, 7; G.3.a, G.4.a, c)*

State of Wisconsin

The state will demonstrate the ability to coordinate the formulation and dissemination of accurate information and instructions, including Special News Broadcasts, to the news media. The State of Wisconsin PIOs working at the JIC will coordinate with the Minnesota and Wisconsin State EOC PIOs, as well as with the PIOs from the counties and utility, to brief the media in a clear, accurate and timely manner. Procedures for early notification of the media will be demonstrated in the State EOC prior to the JIC becoming operational. The State of Wisconsin PIOs at the JIC will coordinate Special News Broadcast messages with their counterparts from the State of Minnesota.

The Hotline Supervisor will analyze calls logged by the hotline operators and pass any unanswered questions or potential rumors on to the WI JIC/Hotline Liaison at the JIC. The Liaison will pass this information to the appropriate organizations present at the JIC to ensure that the questions and concerns of the public are addressed in media briefings or media releases as appropriate. The WI State PIOs assigned to the JIC will work with the MN State PIOs, the Pierce County PIO, and the State EOC PIOs to ensure information released is accurate and coordinated. The information will be passed back through the WI JIC/Hotline Liaison to the Hotline Supervisor to be shared with the public via the Hotline Operators.

The Lead PIO will work with the State PIOs, Pierce County PIOs, the utility PIOs and other

organizations present at the JIC to ensure that the interests and concerns of all stakeholders are represented in the media briefings. Although media releases may be written in the State and County EOCs, all media releases will be issued from the JIC in St. Paul, MN. All media briefings are held in the Media Briefing Center at HSEM in St. Paul. The State PIOs assigned to the JIC will work closely with the State PIOs at the State EOC to ensure media releases are accurate and coordinated. State JIC staff will simulate monitoring the TV broadcasts to ensure accuracy of broadcasts.

Public inquiries will be handled per the State Emergency Response Plan. The State of Wisconsin – Disaster Information Assistance Line (WI-DIAL) will be working jointly with the State of Minnesota phone bank to provide information to the public.

Pierce County

Pierce County will have a Public Information Officer (PIO) present at the JIC who will work with State, utility and other county PIOs to ensure that the county's interests and concerns of the county are represented in the media briefings. Pierce County will not hold a media briefing in the EOC. Prior to the JIC becoming operational, the Pierce County PIO will coordinate with the State of Wisconsin PIO to issue a "first notice" media advisory.

All media releases will be issued from the JIC in St. Paul. All media briefing are held in the Media Briefing Center at the JIC in St. Paul. The County OIC can describe procedures and facilities for holding a media briefing prior to the JIC becoming operational, if necessary.

EVALUATION AREA 6 – SUPPORT OPERATION/FACILITIES

Criterion 6.a.1 Monitoring, Decontamination, and Registration of Evacuees: *The reception center facility has appropriate space, adequate resources, and trained personnel to provide monitoring, decontamination and registration of evacuees. (NUREG-0654/FEMA-REP-1, A.3; C.4; J.10.h; J.12)*

State of Wisconsin

The State will demonstrate, out of sequence, the adequacy of procedures, facilities, equipment and personnel for radiological monitoring and decontamination. Health monitoring teams will demonstrate setup of the monitoring and decontamination stations and radiological monitoring and decontamination of evacuees at the Elmwood School Reception Center, located at 213 S. Scott Street, Elmwood, commencing at 1900 hrs. on July 30th, 2014.

The health monitoring teams will include personnel from the DHS-RPS and County Auxiliary Health Monitors. The instruments are calibrated annually by Prairie Island Nuclear Generating Plant. County personnel will work under the direction of State staff and should be evaluated as part of the State of Wisconsin's response.

Health monitoring teams will set up and operate the monitoring stations using portal and hand-held monitors. Once the Reception Center is operational and monitors have frisked several evacuees to establish flow, at least six evacuees will be monitored and registered with one evacuee requiring decontamination. The initial evacuee monitoring station uses portal monitors

and will screen at least 6 evacuees to demonstrate the required 12-hour monitoring capability. Contamination of the evacuee will be determined by controller inject.

For any evacuee found to be contaminated, procedures will be explained regarding the handling of potentially contaminated vehicles and personal belongings. Decontamination of evacuees will be simulated and explained in an interview. Procedures to limit the spread of contamination will be demonstrated and explained by interview, when necessary.

Pierce County

Pierce County will demonstrate this criterion out-of-sequence on July 30th, 2014 at 1900 hrs. at the Elmwood School in Elmwood, Wisconsin. Elmwood School is located at the 213 South Scott in Elmwood. Pierce County is responsible for registering evacuees and assigning them to appropriate congregate care facilities. Facility set-up will be demonstrated as it would be in an actual emergency, including adequate space for evacuee vehicles. Reception Center personnel are not classified as emergency workers and will only receive a low range (0 - 200mR) dosimeter and a TLD, as they are located outside the 10-mile EPZ.

Criterion 6.b.1 Monitoring and Decontamination of Emergency Workers and their Equipment and Vehicles: *The facility/ORO has adequate procedures and resources to accomplish monitoring and decontamination of emergency workers and their equipment, inclusive of vehicles. (NUREG-0654/FEMA-REP-1, K.5.a, b)*

State of Wisconsin

Health monitoring teams will demonstrate this criterion out of sequence at the Pierce County Reception Center, located at Elmwood School, 213 South Scott Street, Elmwood, commencing at 1900 hrs., July 30th, 2014. Reception Center personnel will demonstrate the capability to monitor emergency workers and their equipment and vehicles for contamination in accordance with Reception Center procedures. At least two emergency workers will be monitored; with at least one requiring decontamination. At least one emergency worker vehicle will be monitored which will require decontamination. Contamination of the emergency worker and the vehicle will be determined by controller inject.

Decontamination of emergency workers will be simulated and explained in an interview. Procedures to limit the spread of contamination will be demonstrated and explained by interview, when necessary.

Pierce County

The County will not demonstrate this criterion. It is a state responsibility. Set up of the facility will be demonstrated as it would be in an actual emergency.

Criterion 6.c.1 Temporary Care of Evacuees: *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. (NUREG-0654/FEMA-REP-1, J.10.h, J.12)*

State of Wisconsin

The State will not demonstrate this criterion; it is a county responsibility.

Pierce County

Pierce County will demonstrate this criterion by opening the Spring Valley High School Congregate Care Center on July 30th, 2014 at 1900 hrs., out-of-sequence. During the Reception Center Drill a Red Cross representative will be available for an interview/ walk through of the facility with the evaluator. Congregate Care workers are considered Reception Center workers and are issued a low range (0 - 200mR) dosimeter and a TLD, as they are located outside the 10-mile EPZ. Reception Center demonstration activities, including setup, will start at 1900 hrs. at Elmwood School Reception Center on July 30th, 2014.

Criterion 6.d.1 Transportation and Treatment of Contaminated Injured Individuals: *The facility/ORO has the appropriate space, adequate resources, and trained personnel to provide transport, monitoring, decontamination, and medical services to contaminated injured individuals. (NUREG-0654/FEMA-REP-1, F.2; H.10; K.5.a, b; L.1, 4)*

State of Wisconsin

The MS-1 hospital drill will be conducted at Sacred Heart Hospital, 900 W. Clairemont Avenue, Eau Claire, WI out of sequence on July 30th, 2014 at 1300 hrs. Setup will begin at 1300 hrs., initiated by an inject message simulating the ambulance contacting the hospital. Controller staff will appropriately moulage a person with simulated injury, contamination, and prepare the person for transport in the same manner as victim demonstrated during the MS-1 Transportation segment of the drill conducted the previous evening at the Elmwood School reception center in Elmwood, WI. The victim will be loaded into a local ambulance, which will simulate transport from the county reception center. The ambulance will be pre-positioned in the hospital parking lot and will simulate "arriving" at Sacred Heart Hospital at 1330 hrs. The TBD ambulance crew is not to be evaluated. Hospital staff will demonstrate setup of the Radiation Emergency Area (REA) and the receipt, treatment, and monitoring/decontamination of the contaminated, injured patient. Once the patient has been decontaminated and transferred outside the REA, the hospital staff will demonstrate doffing of Personal Protective Equipment (PPE) and, by interview, restoration of the REA to normal use.

Hospital staff is also responsible for monitoring of the ambulance crew and ambulance prior to release to normal duty. If the ambulance was determined to be contaminated, or if monitoring the ambulance was not able to be performed by hospital staff, it would return to the vehicle decontamination area located at the Elmwood Reception Center. Staff participating in the exercise will demonstrate monitoring, decontamination, and release of the ambulance if sufficient staff is present. Referral of the ambulance and its equipment for decontamination will be evaluated through interview of the hospital monitoring staff.

The ambulance portion of the exercise, including communications with the hospital, is a county responsibility. It will be demonstrated out-of-sequence on July 30th, 2014 at the Elmwood School Reception Center.

Pierce County

The transportation section of the MS-1 drill will be demonstrated out of sequence. The demonstration will be held at the Pierce County Reception Center (Elmwood School) on July 30th, 2014. The setup and demonstration for the MS-1 drill will begin at 1900 hrs. Elmwood Ambulance Service will prepare a simulated casualty for transportation from the reception center.

The ambulance crew will demonstrate the proper care, packaging, and preparation for transport of a potentially contaminated medical victim to an MS-1 hospital. Due to the distance between the two demonstration locations and the hospital in Eau Claire, actual transportation will not be demonstrated by either crew. Communications with the hospital will be demonstrated in accordance with each Ambulance Service procedures.

The ambulance crew serving the Reception Center (Elmwood Ambulance) will be equipped with TLDs and low level DRDs to monitor and control their radiation exposure.

A description of the route will be demonstrated through interviews with the ambulance drivers. Radiation surveys are not performed by ambulance crews; they are performed by the hospital upon patient arrival.

APPENDIX E: OFFSITE TIMELINE

Prairie Island Nuclear Generating Plant Offsite Timeline - Rev. 1.0 July 29, 2014

TIME	EVENT SUMMARY
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The July 29, 2014 HAB Graded Exercise will include the following Emergency Preparedness Performance Indicator opportunities with approximate condition met times:

Time Condition Met	Classification	EAL	PAR	Notification	Approx Notification Time *****
~0810	ALERT *	HA4.1		**	≤0840
~0813	SAE ***	HS4.1		1	≤0840
~1040	GE****	HG1.2	5N, 5W	1	≤1110
Totals	3		1	2	
Grand Total =	5				

The OROs will NOT be notified of the Alert per the on-site narrative summary.

Initial Conditions

Unit 1 is operating at 100% power.
Unit 2 is defueled, Day 8 of the refueling outage.

Meteorological Data

Wind is from the Southeast (150 deg) at 12 mph.
Temperature is 70°F.
Stability Class is "E".
No Precipitation, clear conditions are predicted.

~0810 The Simulated Control Room is informed that security is engaging a hostile force of eight armed intruders in the owner controlled area west of the protected area. SCR informed of Initiating condition.

ALERT EAL HA4.1 - A HOSTILE ACTION is occurring or has occurred within the OWNER CONTROLLED AREA as reported by Security Shift Supervision.

~0810 Security notifies LLE of a hostile action against PINGP.

~0812 Hostile force of eight adversaries has breached the Protected Area. Officers report gunfire. Four adversaries are neutralized just inside the PA fence. Two officers that were on their tours are wounded by the NPD.

Prairie Island Nuclear Generating Plant Offsite Timeline - Rev. 1.0 July 29, 2014

TIME	EVENT SUMMARY
~0813	Security informs the Control Room that a Hostile Action is occurring in the Protected Area. The Protected Area has been breached by a force of eight adversaries. SITE AREA EMERGENCY EAL HS4.1 – A HOSTILE ACTION is occurring or has occurred within the PROTECTED AREA as reported by Security Shift Supervision.
~0820	Control Room trips Unit 1 per AB-8, Response to Security Threats. Control Rod H-12 is not inserted.
~0820	The Control Room completes the expedited NRC notification. (Continuous communication with the NRC is maintained).
~0825	Site Area Emergency classification is complete.
~0840-0855 Offsite Notifications (State and Counties) for the Site Area should be completed.	
1.	Call list notifications take place.
2.	Emergency Operating Center (EOC) activation (State of Minnesota, Goodhue and Dakota Counties) ICP and Staging occurs. <ul style="list-style-type: none">- EOC security system initiated- Maps, displays set up, messages forms, logs, etc. distributed- Communication links established and maintained throughout the exercise- Assembled EOC personnel briefed, with additional briefings held periodically throughout the exercise <p>Note: The BCA Duty Officer participation is complete when notifications are completed and they are informed by the Planning and Assessment Center that they have taken over communication with the plant.</p>
3.	Radiological Accident Deployment (RAD) teams and Team Captain respond to Maple Grove fire station. From there, they will be dispatched to affected areas. (Command Van and Field Team actions are simulated) (CONTROLLER MESSAGE 1- Field Teams simulated)
4.	Department of Natural Resources and Department of Agriculture

Prairie Island Nuclear Generating Plant Offsite Timeline - Rev. 1.0 July 29, 2014

TIME	EVENT SUMMARY
	Department Operations Centers (DOCs) are activated and field sampling teams put on standby (simulated).
5.	Local and state first responders are put on standby.
6.	Joint Information Center (JIC) is activated. <ul style="list-style-type: none">- Public Information Officers (PIOs) notified- JIC displays and media information kits arranged.- JIC Security and Moderator report to media briefing room- Initial JIC Management Team meeting- Initial news briefing conducted by HSEM Director- Preparation and issue of Public Information Bulletins and news releases will continue until the termination of the exercise.
7.	Planning Chief requests additional radiological assets from the 55thCST and DOE radiological assets are requested through FRMAC. (Simulated).
8.	Decontamination Centers are activated/notified (simulated).
9.	Reception Centers are activated (simulated/ out of sequence activity).
10.	Congregate Care Center is activated (simulated/ out of sequence activity).
11.	Schools are evacuated to sister schools (Precautionary Measure) (simulated).
12.	Governor advised of incident status. "State of Emergency" recommended by State Incident Manager.
13.	"State of Emergency" declared by Governor (simulated).
14.	Livestock placed on Covered water and stored feed (Precautionary Measure).
15.	The Planning and Assessment Center initiates dose assessment (CONTROLLER MESSAGE 2 – Weather)

Prairie Island Nuclear Generating Plant Offsite Timeline - Rev. 1.0 July 29, 2014

TIME	EVENT SUMMARY
~0840	Security reports an explosion outside of the Radwaste Building, and that the hostile force is entering the Radwaste Building.
~0850	The last four adversaries are neutralized outside the Radwaste Building across from the Green Warehouse.
~0915	Incident Command Post is operational.
~0930	Alternative TSC starts accountability of station personnel in PA.
~0940	CONTROLLER MESSAGE 3 - JIC KI Availability rumor
~0945	Traffic Impediments CONTROLLER MESSAGES 4, 5 & 6
~1007	ICP is informed and is making priorities for an ambulance and the pre job brief to get inside the PA.
~1015	Safe corridor established.
~1040	Security notifies the Control Room of an explosion in the Fuel Handling Area and that sees hears water flowing. This meets the threshold for a GENERAL EMERGENCY EAL HG1.2 – A HOSTILE ACTION with has caused failure of Spent Fuel Cooling Systems and IMMINENT fuel damage is likely for a freshly off-loaded reactor core in pool with Air born Release.
~1050	GE Declaration complete. The PAR will be: Shelter all sectors out to 2 miles and evacuate affected sectors (PQRAB) 2-5 miles downwind. (Subarea 2 SIP and evacuate 5W and 5N).
~1110	GE notification complete.
1050-1105 The off-site notifications to the state and counties of the GENERAL EMERGENCY and Initial PAR should be completed.	

Prairie Island Nuclear Generating Plant Offsite Timeline - Rev. 1.0 July 29, 2014

TIME	EVENT SUMMARY
	<ul style="list-style-type: none">○ State EOC, JIC○ Goodhue and Dakota County EOCs○ ICP and Staging○ RAD Teams (simulated)○ Decontamination Centers
	<ol style="list-style-type: none">2. Minnesota's default protective action recommendation (PAR) for a Prairie Island NGP HAB is to shelter in place the 2-mile sub-area and evacuate the 5-mile sub-area(s) in the downwind sectors. Sub Areas 2 Shelter In Place and evacuate 5W and 5N will be recommended by the Planning Chief to the State Incident Manager.3. When PADs are approved, the Public Alert and Notification System (PANS) will be implemented. The EAS system will be activated and sirens sounded (simulated).4. As PADs are recommended, necessary traffic control points are activated for evacuee traffic flow and to restrict incoming traffic (simulated).5. RAD teams are in the field monitoring radiation levels and reporting to planning and assessment staff in State EOC. (simulated)6. All emergency response organizations are fully activated.7. Radiological response support requested from FEMA
~1135	CONTROLLER MESSAGES 7 - JIC Shelter/Evacuation rumor
~1230	The HAB Exercise is complete.

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