



To:

Federal Emergency Management Agency
Region V
536 South Clark Street, 6th Floor
Chicago, IL 60605-1521

November 20, 2003

Mr. James L. Caldwell, Regional Administrator
U.S. Nuclear Regulatory Commission Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

Dear Mr. Caldwell:

Enclosed is the Final Report for the Radiological Emergency Preparedness (REP) Plume Pathway Exercise conducted on August 20, 2003 for the Clinton Power Station.

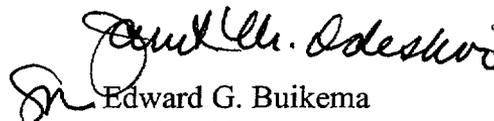
There were no Deficiencies. There was one Area Requiring Corrective Action (ARCA) pertaining to the Emergency Services and Disaster Agency Coordinators in Macon, McLean and Piatt Counties not being notified by DeWitt County of the siren sounding times. One prior unresolved ARCA for Macon County pertaining to the inaccurate completion of dosimetry records by an emergency worker was resolved during this exercise.

Based on the results of the August 20, 2003 exercise, the offsite radiological emergency response plans and preparedness for the State of Illinois, and DeWitt, Macon, McLean and Piatt Counties, site-specific to the Clinton Power Station, can be implemented. These plans are adequate to provide reasonable assurance that appropriate measures can be taken offsite to protect the health and safety of the public.

Therefore, Title 44 CFR, Part 350, approval of the offsite radiological emergency response plans and preparedness for the State of Illinois, and DeWitt, Macon, McLean and Piatt Counties, granted on August 3, 1987, remains in effect. Copies of this report were transmitted to the Nuclear Regulatory Commission's (NRC) National Office, the Department of Homeland Security/FEMA National Office, and the State of Illinois.

If you have any questions, please let me know or have a member of your staff contact Woodie Curtis at (312) 408-5528.

Sincerely,


Edward G. Buikema
Regional Director

Enclosure

NOV 25 2003



FEMA

Final Exercise Report

Clinton Power Station

Licensee: **Exelon**
Exercise Date: **August 20, 2003**
Report Date: **November 19, 2003**

U.S. DEPARTMENT OF HOMELAND SECURITY

FEMA REGION V

536 South Clark Street, 6th Floor

Chicago, Illinois 60605-1521

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I. EXECUTIVE SUMMARY

On August 20, 2003, an exercise was conducted in the plume exposure pathway emergency planning zone (EPZ) around the Clinton Power Station by the U.S. Department of Homeland Security's Federal Emergency Management Agency (DHS/FEMA), Region V. 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 August 28 - 29, 2001. The qualifying emergency preparedness exercise was conducted on January 13, 1987.

DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated in this exercise. In the State of Illinois the risk county of DeWitt, and support counties of McLean, Macon and Piatt, participated along with the 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 report contains the final evaluation of the biennial exercise and the evaluation of the following out-of-sequence activities: Monitoring and Decontamination of Evacuees and Emergency Workers and Registration of Evacuees; Monitoring and Decontamination of Emergency Worker Equipment; and Temporary Care of Evacuees.

The State and local organizations, except where noted in this report, demonstrated knowledge of their emergency response plans and procedures and adequately implemented them. There were no Deficiencies and one Area Requiring Corrective Action (ARCA) identified as a result of this exercise. Two prior unresolved ARCAs for the State of Illinois identified during the 1998 Clinton Power Station Radiological Emergency Preparedness Exercise pertaining to dosimetry and potassium iodide for emergency workers in Medical Service (MS-1) Drills remain unresolved. One prior ARCA for Macon County was resolved during this exercise.

II. INTRODUCTION

On December 7, 1979, the President directed FEMA to assume the lead responsibility for all offsite nuclear planning and response. DHS/FEMA's activities are conducted pursuant to 44 Code of Federal Regulations (CFR) Parts 350, 351 and 352. 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.

FEMA Rule 44 CFR 350 establishes the policies and procedures for 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.

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 RERPs and procedures developed by State and local governments;
- Determining whether such plans and procedures can be implemented on the basis of the 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); and
- Coordinating the activities of Federal agencies with responsibilities in the radiological emergency planning process:
 - U.S. Department of Commerce,
 - U.S. Nuclear Regulatory Commission,
 - U.S. Environmental Protection Agency,
 - U.S. Department of Energy,
 - U.S. Department of Health and Human Services,
 - U.S. Department of Transportation,
 - U.S. Department of Agriculture,
 - U.S. Department of the Interior, and
 - U.S. Food and Drug Administration.

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

Formal submission of the RERPs for the Clinton Power Station to FEMA Region V by the State of Illinois and involved local jurisdictions occurred on November 25, 1986. Formal approval of these RERPs was granted by FEMA on August 3, 1987, under 44 CFR 350.

A REP exercise was conducted on August 20, 2003 by DHS/FEMA Region V 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 Clinton Power Station. The purpose of this exercise report is to present the exercise results and findings on the performance of the offsite response organizations (ORO) during a simulated radiological emergency.

The findings presented in this report are based on the evaluations of the Federal evaluator team, with final determinations made by the DHS/FEMA Region V RAC Chairperson and approved by the Regional Director.

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

- NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980;
- FEMA-REP-14, "Radiological Emergency Preparedness Exercise Manual," September 1991; and
- The FEMA "Radiological Emergency Preparedness: Exercise Evaluation Methodology; Notice," as published in the Federal Register Notice, Volume 67, Number 80, dated April 25, 2002.

Section III of this report, entitled "Exercise Overview," presents basic information and data relevant to the exercise. This section of the report contains a description of the plume pathway EPZ, a listing of all participating jurisdictions and functional entities which were evaluated, and a tabular presentation of the time of actual occurrence of key exercise events and activities.

Section IV of this report, entitled "Exercise Evaluation and Results," 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 a description of the ARCA assessed during this exercise and the recommended corrective action to be taken, and a description of the ARCA assessed during the previous exercise and the actions taken by the ORO to resolve it during this exercise.

III. EXERCISE OVERVIEW

Contained in this section are data and basic information relevant to the August 20, 2003, exercise to test the offsite emergency response capabilities in the area surrounding the Clinton Power Station. This section of the exercise report includes a description of the plume pathway EPZ, a listing of all participating jurisdictions and functional entities which were evaluated, and a tabular presentation of the time of actual occurrence of key exercise events and activities.

A. Plume Emergency Planning Zone Description

The Clinton Power Station is located approximately seven miles northeast of the City of Clinton in Harp Township, within DeWitt County, Illinois. DeWitt County is located near the geographical center of the State of Illinois. The topography of the area is predominantly rolling prairies.

The 10-mile EPZ contains a total population of 12,780 (2000 census) within the risk county of DeWitt and the three support counties of Macon, McLean and Piatt. Nearly two-thirds of the total EPZ population (8,576) resides in the communities of Clinton, Weldon, Wapella and DeWitt. The land use within the EPZ is predominantly agricultural, with the closest industries located in the City of Clinton. Two State recreation facilities are located within the EPZ: Clinton Lake State Recreation Area and Weldon Springs State Park.

State Highways 10, 48 and 54 intersect the plant location. Another major thoroughfare is U.S. Highway 51, located about six miles west of the plant. The nearest railroad is the Illinois Central Gulf (ICG) Railroad, which has a track crossing the site in an east/west direction and is within three-fourths of a mile to the north of the reactor centerline. Another ICG track is located 3.5 miles south of the station.

B. Exercise Participants

The following agencies, organizations, and units of government participated in the Clinton Power Station exercise on August 20, 2002.

STATE OF ILLINOIS

Illinois Department of Natural Resources (IDNR)
Illinois Department of Transportation (IDOT)
Illinois Emergency Management Agency (IEMA)
Illinois State Police (ISP)

RISK JURISDICTIONS

DEWITT COUNTY

DeWitt County Executive (Board Chairman/Alternate)
DeWitt County Emergency Services and Disaster Agency (ESDA)
DeWitt County Sheriff's Department
DeWitt-Piatt Bi-County Health Department
DeWitt County Highway Department
DeWitt/Livingston/McLean County Regional Superintendent of
Schools
City of Clinton Mayor
City of Clinton Fire Department
City of Clinton Police Department
Clinton Community Unit School District
City of Wapella Mayor
City of Weldon Mayor
DeWitt Village Mayor

MACON COUNTY

Macon County Board
Macon County ESDA
Macon County Coroner
Macon County Engineer
Macon County Health Department
Macon County Sheriff's Department
City of Decatur Mayor
City of Decatur Fire Department
City of Decatur Municipal Services Department/Public Works
Division
City of Decatur Police Department

MCLEAN COUNTY

McLean County Administrator
McLean County ESDA
McLean County Sheriff's Department

PLATT COUNTY

Piatt County ESDA
Piatt County Sheriff's Department
Lincoln Fire Department

SUPPORT JURISDICTION

CHAMPAIGN COUNTY

Champaign County ESDA
Champaign County Public Health Department
City of Champaign Fire Department
Parkland College

PRIVATE/VOLUNTEER ORGANIZATIONS

American Red Cross
Decatur Memorial Hospital
Dr. John Warner Hospital
Exelon Nuclear
Radio Station WBNQ/WBWN/WJBC AM/FM
St. Mary's Hospital

C. Exercise Timeline

Table 1, on the following page, presents the time at which key events and activities occurred during the Clinton Power Station exercise held on August 20, 2002. Also included are times notifications were made to the participating jurisdictions/functional entities.

TABLE 1. Exercise Timeline

DATE AND SITE: August 20, 2003 Clinton Power Station

Emergency Classification Level or Event	Time Utility Declared	Time That Notification Was Received or Action Was Taken							
		ILLINOIS STATE EOC	ILLINOIS STATE SFCP	REAC	DEWITT COUNTY	MACON COUNTY	MCLEAN COUNTY	PIATT COUNTY	JPIC
Unusual Event	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alert	0826	0832	0856	0844	0901	0904	0918	0917	0847
Site Area Emergency	1003	1010	1023	1012	1032	1037	1045	1040	1005
General Emergency	1117	1130	1126	1121	1134	1143	1143	1138	1120
SIM Radiation Release Started	1058	1103	1110	1058	1135	1137	1143	1135	1103
Sim Radiation Release Terminated:	NA	NA	NA	NA	NA	NA	NA	NA	NA
Facility Declared Operational		0905	0930	0926	0949	0948	0945	1016	0925
Declaration State of Emergency		1142	1145	NA	1146	NA	NA	NA	NA
Exercise Terminated		1304	1305	1305	1309	1310	1312	1312	1305
1st Early Precautionary Action Decision: Confine milk-producing animals on stored feed and protected water out to 10-mile radius		1015	1023	1016	1032	1055	1045	1040	1032
First Siren Activation		1047	1050	NA	1044	1047	NA	1040	1053
First EBS Activation		1049	1050	NA	1047	1051	NA	NA	1053
1st Protective Action Decision: Evacuate sub-ares 1, 5, 6, 7 Recommend Potassium Iodide for Emergency Workers to retain milk-producing animals on stored feed and protected water out to 10 miles		1127	1145	1128	1136	1143	NA	NA	1150
2nd Siren Activation		1146	NA	1205	1145	NA	NA	NA	1209
2nd EBS Activation		1149	NA	NA	1148	NA	NA	NA	1209
KI Administration Decision: Administer KI to Emergency Workers		1107	1130	1102	1136	1137	1143	1138	1150

* Controller Injected - Release Termination Message

** Dewitt County Governor Declaration

*** Support County's Governor Declaration Including: Macon Co., McLean Co., and Piatt Co.

IV. EXERCISE EVALUATION AND RESULTS

Contained in this section are the results and findings of the evaluation of all jurisdictions and functional entities which participated in the August 20, 2003, exercise to test the offsite emergency response capabilities of State and local governments in the 10-mile EPZ surrounding the Clinton Power Station.

Each jurisdiction and functional entity was evaluated on the basis of its demonstration of exercise criteria delineated in the FEMA "Radiological Emergency Preparedness: Exercise Evaluation Methodology; Notice," as published in the Federal Register Notice, Volume 67, Number 80, dated April 25, 2002. Detailed information on the exercise criteria and the extent-of-play agreement used in this exercise are found in Appendix 3 of this report.

A. Summary Results of Exercise Evaluation - Table 2

The matrix presented in Table 2, on the following page(s), presents the status of all exercise criteria from the FEMA "Radiological Emergency Preparedness: Exercise Evaluation Methodology: Notice," as published in the Federal Register Notice, Volume 67, Number 80, dated April 25, 2002 which were scheduled for demonstration during this exercise by all participating jurisdictions and functional entities. Exercise criteria are listed by number and the demonstration status of those criteria is indicated by the use of the following letters:

- M - Met (No Deficiency or ARCAs assessed and no unresolved ARCAs from prior exercises)
- D - Deficiency assessed
- A - ARCA(s) assessed or unresolved ARCA(s) from prior exercise(s)
- N - Not Demonstrated (Reason explained in Subsection B)

TABLE 2. SUMMARY RESULTS OF EXERCISE EVALUATION

DATE AND SITE: August 20, 2003, Clinton Power Station

JURISDICTIONS/FUNCTIONAL ENTITY	1. a. 1	1. b. 1	1. c. 1	1. d. 1	1. e. 1	2. a. 1	2. b. 1	2. b. 2	2. c. 1	2. d. 1	2. e. 1	3. a. 1	3. b. 1	3. c. 1	3. c. 2	3. d. 1	3. d. 2	3. e. 1	3. e. 2	3. f. 1	4. a. 1	4. a. 2	4. a. 3	4. a. 1	4. b. 1	4. c. 1	5. a. 1	5. a. 2	5. a. 3	5. b. 1	6. a. 1	6. b. 1	6. c. 1	6. d. 1			
STATE OF ILLINOIS																																					
Initial Notification Point	M			M																																	
State Emergency Operations Center	M	M	M	M	M	M	M	M	M							M	M											M			M						
Radiological Emergency Assessment Center	M	M	M	M	M	M	M	M	M																					M	M	M	M				
State Forward Command Post	M	M	M	M													M													M							
Traffic and Access Control												M	M			M																					
Emergency Operations Facility	M	M	M	M																																	
Joint Public Information Center	M	M		M																										M							
Monitoring and Decontamination of Evacuees and Emergency Workers																															M						
Monitoring and Decontamination of Emergency Worker Equipment					M																											M					
Temporary Care of Evacuees																																		M			
DeWitt County EOC IEMA Liaison	M																																				
RISK JURISDICTIONS																																					
DEWITT COUNTY																																					
Initial Notification Point	M			M																																	
County Emergency Operations Center	M	M	A	M	M			M	M			M	M	M	M		M										M			M							
Traffic and Access Control																M																					
EBS Radio Station WBNQ/WBWN/WJBC	M			M																								M									
Clinton Community Unit School District #15 EV-2 Interview					M							M	M		M																						
SUPPORT JURISDICTIONS																																					
MACON COUNTY																																					
Initial Notification Point	M			M																																	
County Emergency Operations Center	M	M	M	M	M							M	M				M																				
Traffic and Access Control				M								M	M			M																					
MCCLEAN COUNTY																																					
Initial Notification Point	M			M																																	
County Emergency Operations Center	M	M	M	M	M							M	M				M																				
Traffic and Access Control				M								M	M			M																					
PIATT COUNTY																																					
Initial Notification Point	M			M																																	
County Emergency Operations Center	M	M	M	M	M							M	M				M																				
Traffic and Access Control				M								M	M			M																					

LEGEND: M = Met (No Deficiency or ARCA(s) assessed)
D = Deficiency assessed

A = ARCA(s) assessed (Not affecting health and safety of public)
U = Unresolved ARCA(s) from prior exercises

Blank = Not scheduled for demonstration
N = Not demonstrated as scheduled (Reason explained in Section IV.B.)

B. Status of Jurisdictions Evaluated

This subsection provides information on the evaluation of each participating jurisdiction and functional entity, in a jurisdiction based, issues only format. Presented below is a definition of the terms used in this subsection relative to objective demonstration status.

- **Met** - Listing of the demonstrated exercise criteria under which no Deficiencies or ARCAs were assessed during this exercise and under which no ARCAs assessed during prior exercises remain unresolved.
- **Deficiency** - Listing of the demonstrated exercise criteria under which one or more Deficiencies was assessed during this exercise. Included is a description of each Deficiency and recommended corrective actions.
- **Area Requiring Corrective Actions** - Listing of the demonstrated exercise criteria under which one or more ARCAs were assessed during the current exercise or ARCAs assessed during prior exercises remain unresolved. Included is a description of the ARCAs assessed during this exercise and the recommended corrective action to be demonstrated before or during the next biennial exercise.
- **Not Demonstrated** - Listing of the exercise criteria which were not demonstrated as scheduled during this exercise and the reason they were not demonstrated.
- **Prior ARCAs - Resolved** - Descriptions of ARCAs assessed during previous exercises which were resolved in this exercise and the corrective actions demonstrated.
- **Prior ARCAs - Unresolved** - Descriptions of ARCAs assessed during prior exercises which 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 biennial exercise.

The following are definitions of the two types of exercise issues which are discussed in this report.

- A **Deficiency** is defined in FEMA-REP-14 as "...an observed or identified inadequacy of organizational performance in an exercise that could cause a finding that offsite emergency preparedness is not adequate to provide reasonable assurance that appropriate protective measures can be taken in the event of a radiological emergency to protect the health and safety of the public living in the vicinity of a nuclear power plant."

- An **ARCA** is defined in FEMA-REP-14 as "...an observed or identified inadequacy of organizational performance in an exercise that is not considered, by itself, to adversely impact public health and safety."

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

The identifying number for Deficiencies and ARCAs 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 Codes.
- **Exercise Year** - The last two digits of the year the exercise was conducted.
- **Criterion Number** - A two-digit number corresponding to the criteria numbers in the FEMA "Radiological Emergency Preparedness: Exercise Evaluation Methodology; Notice," as published in the Federal Register Notice, Volume 67, Number 80, dated April 25, 2002.
- **Issue Classification Identifier** - (D = Deficiency, A = ARCA). Only Deficiencies and ARCAs are included in exercise reports.
- **Exercise Issue Identification Number** - A separate two (or three) digit indexing number assigned to each issue identified in the exercise.

1. STATE OF ILLINOIS

1.1 Initial Notification Point

- a. **MET:** Criteria 1.a.1 and 1.d.1
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** NONE
- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs - RESOLVED:** NONE
- f. **PRIOR ARCAs - UNRESOLVED:** NONE

1.2 State Emergency Operations Center

- a. **MET:** Criteria 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.d.1, 3.d.2, 5.a.1 and 5.b.1
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** NONE
- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs – RESOLVED:** NONE
- f. **PRIOR ARCAs – UNRESOLVED:** NONE

1.3 Radiological Emergency Assessment Center

- a. **MET:** Criteria 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.b.1, 6.a.1, 6.b.1 and 6.c.1
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** NONE
- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs - RESOLVED:** NONE

f. **PRIOR ARCAs - UNRESOLVED: NONE**

1.4 State Forward Command Post

a. **MET: Criteria 1.a.1, 1.c.1, 1.d.1, 1.e.1, 3.d.2 and 5.b.1**

b. **DEFICIENCY: NONE**

c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**

d. **NOT DEMONSTRATED: NONE**

e. **PRIOR ARCAs - RESOLVED: NONE**

f. **PRIOR ARCAs - UNRESOLVED: NONE**

1.5 Traffic and Access Control

a. **MET: Criteria 3.a.1, 3.b.1 and 3.d.1**

b. **DEFICIENCY: NONE**

c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**

d. **NOT DEMONSTRATED: NONE**

e. **PRIOR ARCAs - RESOLVED: NONE**

f. **PRIOR ARCAs - UNRESOLVED: NONE**

1.6 Emergency Operations Facility

a. **MET: Criteria 1.a.1, 1.c.1, 1.d.1 and 1.e.1**

b. **DEFICIENCY: NONE**

c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**

d. **NOT DEMONSTRATED: NONE**

e. **PRIOR ARCAs – RESOLVED: NONE**

f. **PRIOR ARCAs – UNRESOLVED: NONE**

1.7 Joint Public Information Center

- a. MET: Criteria 1.a.1, 1.c.1, 1.e.1 and 5.b.1
- b. DEFICIENCY: NONE
- c. AREAS REQUIRING CORRECTIVE ACTION: NONE
- d. NOT DEMONSTRATED: NONE
- e. PRIOR ARCAs - RESOLVED: NONE
- f. PRIOR ARCAs - UNRESOLVED: NONE

1.8 Monitoring and Decontamination of Evacuees and Emergency Workers and Registration of Evacuees

- a. MET: Criterion 6.a.1
- b. DEFICIENCY: NONE
- c. AREAS REQUIRING CORRECTIVE ACTION: NONE
- d. NOT DEMONSTRATED: NONE
- e. PRIOR ARCAs - RESOLVED: NONE
- f. PRIOR ARCAs - UNRESOLVED: NONE

1.9 Monitoring and Decontamination of Emergency Worker Equipment

- a. MET: Criteria 1.e.1 and 6.b.1
- b. DEFICIENCY: NONE
- c. AREAS REQUIRING CORRECTIVE ACTION: NONE
- d. NOT DEMONSTRATED: NONE
- e. PRIOR ARCAs – RESOLVED: NONE
- f. PRIOR ARCAs – UNRESOLVED: NONE

1.10 Temporary Care of Evacuees

- a. MET: Criterion 6.c.1
- b. DEFICIENCY: NONE
- c. AREAS REQUIRING CORRECTIVE ACTION: NONE
- d. NOT DEMONSTRATED: NONE
- e. PRIOR ARCAs – RESOLVED: NONE
- f. PRIOR ARCAs – UNRESOLVED: NONE

1.11 DeWitt County EOC IEMA Liaison

- a. MET: Criterion 1.a.1
- b. DEFICIENCY: NONE
- c. AREAS REQUIRING CORRECTIVE ACTION: NONE
- d. NOT DEMONSTRATED: NONE
- e. PRIOR ARCAs – RESOLVED: NONE
- f. PRIOR ARCAs – UNRESOLVED: NONE

1.12 Medical Services (MS-1) Drill

- a. MET: NONE
- b. DEFICIENCY: NONE
- c. AREAS REQUIRING CORRECTIVE ACTION: NONE
- d. NOT DEMONSTRATED: NONE
- e. PRIOR ARCAs – RESOLVED: NONE
- f. PRIOR ARCAs – UNRESOLVED:

Issue No.: 13-98-05-A-01

Description: It was determined, through interviews and observation, that the Dr. John Warner Hospital ambulance crew has not been trained on the use of dosimetry. They were not knowledgeable of their administrative dose limits or of the radiation exposure reading/recording procedures (NUREG-0654: H.10 and K.3.a).

Recommendation: The Dr. John Warner Hospital ambulance crews should receive training in the use of dosimetry and administrative exposure levels, and recording procedures. Additionally, the Dr. John Warner Hospital/Ambulance Emergency Plan should be revised to reflect these emergency worker protection procedures.

Schedule of Corrective Actions: Per the IEMA response to this issue, dated May 5, 1999, beginning in 1999, the State of Illinois' proposal under a pilot program presented to FEMA is that the State will continue to conduct medical drills to test the State's emergency medical system at the frequency required by FEMA guidance.

FEMA's Response: Medical services drills are being conducted under a pilot program presented by the State on May 5, 1999. The pilot program remains under evaluation.

Issue No.: 13-98-14-A-02

Description: By interview with the Dr. John Warner Hospital's ambulance personnel, it was determined that neither KI nor appropriate information on the use of KI was issued to the responding ambulance personnel. Training on the use of KI by ambulance personnel has not been conducted, and a discussion with the hospital's ambulance director resulted in agreement that a training program was needed and should be implemented (NUREG-0654: H.10 and K.3.a).

Recommendation: The Dr. John Warner Hospital ambulance crew should receive training in the use of KI. Also, the Dr. John Warner Hospital/Ambulance Emergency Plan should be revised to be consistent with the requirements of NUREG-0654.

Schedule of Corrective Actions: The corrective actions for this ARCA are dependent on the outcome of FEMA's decision on the State's proposal as cited in the Schedule of Corrective Actions response for issue number 13-98-05-A-01.

FEMA's Response: Medical services drills are being conducted under a pilot program presented by the State on May 5, 1999. The pilot program remains under evaluation.

2. RISK JURISDICTIONS

2.1 DEWITT COUNTY

2.1.1 Initial Notification Point

- a. **MET:** Criterion 1.a.1 and 1.d.1
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** NONE
- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs - RESOLVED:** NONE
- f. **PRIOR ARCAs – UNRESOLVED:** NONE

2.1.2 County Emergency Operations Center

- a. **MET:** Criterion 1.a.1, 1.b.1, 1.d.1, 1.e.1, 2.b.2, 2.c.1, 3.a.1, 3.b.1, 3.c.1, 3.c.2, 3.d.2, 5.a.1 and 5.b.1
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** 1.c.1

Issue No.: 13-03-1.c.1-A-01

CONDITION: At 1036 hours, the DeWitt County Emergency Operations Center (EOC) issued the County's first Protective Action Decision (PAD) to place milk-producing animals within the 10-mile radius of the Clinton Power Station on stored feed and protected water. The County's Emergency Services and Disaster Agency (ESDA) Coordinator then instructed the Sheriff's Central Communications (CENCOM) Supervisor to sound the sirens at 1044 hours. At 1136 hours, the DeWitt County EOC issued the County's second PAD to evacuate Sub-areas 1, 5, 6 and 7. The CENCOM Supervisor was then instructed to sound the sirens at 1145 hours. However, the ESDA Coordinators in Macon, McLain, and Piatt Counties were not notified of either siren sounding times.

POSSIBLE CAUSE: The siren sounding times were not coordinated with the ESDA Coordinators in Macon, McLain, and Piatt Counties. This is not in accordance with IPRA-Clinton, Annex 2A, DeWitt County/Clinton ESDA Coordinator Checklist, Item 22.d.

REFERENCE: NUREG-0654, J.9, J.10.m.

EFFECT: Macon County was impacted by the evacuation in Sub-Area 5, which has over 300 residents living inside the Clinton Power Station 10-mile emergency planning zone. The County did not know when the sirens were sounded or exactly when the EAS Messages were to be broadcasted.

RECOMMENDATION: Use additional training, checklists or other means to insure that DeWitt County ESDA coordinates siren-sounding times with the Support County ESDAs.

SCHEDULE OF CORRECTIVE ACTIONS: Additional training will be provided to DeWitt County EOC staff. The importance of advising the support counties of the siren sounding and radio station broadcasts will be emphasized. The correction of this ARCA will be demonstrated by DeWitt County during the 2005 Clinton exercise.

- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs - RESOLVED:** NONE
- f. **PRIOR ARCAs - UNRESOLVED:** NONE

2.1.3 Traffic and Access Control

- a. **MET:** Criterion 3.d.1
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** NONE
- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs - RESOLVED:** NONE
- f. **PRIOR ARCAs - UNRESOLVED:** NONE

2.1.4 EBS Radio Station WBNQ/WBWN/WJBC

- a. **MET:** Criteria 1.a.1, 1.d.1 and 5.a.1
- b. **DEFICIENCY:** NONE

- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs – RESOLVED: NONE**
- f. **PRIOR ARCAs – UNRESOLVED: NONE**

2.1.5 Clinton Community Unit School District #15 EV-2 Interview

- a. **MET: Criteria 1.e.1, 3.a.1, 3.b.1 and 3.c.2**
- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs – RESOLVED: NONE**
- f. **PRIOR ARCAs – UNRESOLVED: NONE**

3.0 SUPPORT JURISDICTIONS

3.1 MACON COUNTY

3.1.1 Initial Notification Point

- a. **MET: Criteria 1.a.1 and 1.d.1**
- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs - RESOLVED: NONE**
- f. **PRIOR ARCAs - UNRESOLVED: NONE**

3.1.2 County Emergency Operations Center

- a. **MET:** Criteria 1.a.1, 1.b.1, 1.c.1, 1.d.1, 1.e.1, 3.a.1, 3.b.1 and 3.d.2
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** NONE
- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs - RESOLVED:** NONE
- f. **PRIOR ARCAs - UNRESOLVED:** NONE

3.1.3 Traffic and Access Control

- a. **MET:** Criteria 1.d.1, 3.a.1, 3.b.1 and 3.d.1
- b. **DEFICIENCY:** NONE
- c. **AREAS REQUIRING CORRECTIVE ACTION:** NONE
- d. **NOT DEMONSTRATED:** NONE
- e. **PRIOR ARCAs – RESOLVED:**

Issue No: 13-01-05-A-03

Description: The emergency worker did not accurately complete the required paperwork including the completion of the Radiation Exposure record with the correct exposure date, start and ending daily dose(s) were completed using departure and return times, and the total dose to date was not completed. The emergency worker did not know the frequency his DRD was to be read.

Corrective Action Demonstrated: The Sheriff’s Deputy at the Traffic and Access Control Point was aware of the time frame in which to read his DRD and how to fully complete his Radiation Exposure Record card.

- f. **PRIOR ARCAs – UNRESOLVED:** NONE

3.2 MCLEAN COUNTY

3.2.1 Initial Notification Point

- a. **MET:** Criteria 1.a.1 and 1.d.1

- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs - RESOLVED: NONE**
- f. **PRIOR ARCAs - UNRESOLVED: NONE**

3.2.2 County Emergency Operations Center

- a. **MET: Criteria 1.a.1, 1.b.1, 1.c.1, 1.d.1, 1.e.1, 3.a.1, 3.b.1 and 3.d.2**
- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs - RESOLVED: NONE**
- f. **PRIOR ARCAs - UNRESOLVED: NONE**

3.2.3 Traffic and Access Control

- a. **MET: Criteria 1.d.1, 3.a.1, 3.b.1 and 3.d.1**
- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs – RESOLVED: NONE**
- f. **PRIOR ARCAs – UNRESOLVED: NONE**

3.3 PIATT COUNTY

3.3.1 Initial Notification Point

- a. **MET: Criteria 1.a.1 and 1.d.1**

- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs - RESOLVED: NONE**
- f. **PRIOR ARCAs - UNRESOLVED: NONE**

3.3.2 County Emergency Operations Center

- a. **MET: Criteria 1.a.1, 1.b.1, 1.c.1, 1.d.1, 1.e.1, 3.a.1, 3.b.1 and 3.d.2**
- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs - RESOLVED: NONE**
- f. **PRIOR ARCAs - UNRESOLVED: NONE**

3.3.3 Traffic and Access Control

- a. **MET: Criteria 1.d.1, 3.a.1, 3.b.1 and 3.d.1**
- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs – RESOLVED: NONE**
- f. **PRIOR ARCAs – UNRESOLVED: NONE**

APPENDIX 1

ACRONYMS AND ABBREVIATIONS

The following is a list of the acronyms and abbreviations which were used in this report.

ACP	Access Control Point
ANI	American Nuclear Insurers
ARC	American Red Cross
ARCA	Area Requiring Corrective Action
ARES	Amateur Radio Emergency Service
CAP	Civil Air Patrol
CD V	Civil Defense – Category V
CFR	Code of Federal Regulations
CPM	Counts Per Minute
DHS	U.S. Department of Homeland Security
DOE	U.S. Department of Energy
DRD	Direct-Reading Dosimeter
EAL	Emergency Action Level
EAS	Emergency Alert System
EBS	Emergency Broadcast System
ECL	Emergency Classification Level
EMA	Emergency Management Agency
EOC	Emergency Operations Center
EOF	Emergency Operations Facility
EPZ	Emergency Planning Zone
ESDA	Emergency Services and Disaster Agency
GE	General Emergency
ICC	Illinois Commerce Commission
IDA	Illinois Department of Agriculture
IDHS	Illinois Department of Human Services
IDMA	Illinois Department of Military Affairs
IDNR	Illinois Department of Natural Resources
IDOT	Illinois Department of Transportation
IDPH	Illinois Department of Public Health
IEMA	Illinois Emergency Management Agency
IEPA	Illinois Environmental Protection Agency
IPRA	Illinois Plan for Radiological Accidents
IREACH	Illinois Radio Emergency Aid Channel
ISP	Illinois State Police

JIC	Joint Information Center
JPIC	Joint Public Information Center
KI	Potassium Iodide
MERCI	Medical Emergency Radio Communications of Illinois
mR	milliRoentgen
mR/h	milliRoentgen per hour
NARS	Nuclear Accident Reporting System
NRC	U.S. Nuclear Regulatory Commission
NUREG-0654	NUREG-0654/FEMA-REP-1, Rev. 1, <i>"Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980</i>
NWS	National Weather Service
ORO	Offsite Response Organization
PAD	Protective Action Decision
PAG	Protective Action Guide
PAO	Public Affairs Official
PAR	Protective Action Recommendation
PIO	Public Information Officer
PNS	Prompt Notification System
R	Roentgen
RAC	Regional Assistance Committee
RACES	Radio Amateur Civil Emergency Service
RAD	Radiation Absorbed Dose
RAFT	Radiological Assessment Field Team
RDO	Radiological Defense Officer
REA	Radioactive Emergency Area
REAC	Radiological Emergency Assessment Center
REM	Roentgen Equivalent Man
REP	Radiological Emergency Preparedness
R/h	Roentgen(s) per hour
RO	Radiological Officer
SAE	Site Area Emergency
SEOC	State Emergency Operations Center
SFCP	State Forward Command Post
SOP	Standard Operating Procedure
TCP	Traffic Control Point
TL	Team Leader
TLD	Thermoluminescent Dosimeter

APPENDIX 2

EXERCISE EVALUATORS AND TEAM LEADERS

The following is a list of the personnel who evaluated the Clinton Power Station exercise on August 20, 2003. Evaluator Team Leaders are indicated by the letters "(TL)" after their names. The organization which each evaluator represents is indicated by the following abbreviations:

DHS/FEMA - Department of Homeland Security/Federal Emergency Management Agency
ICF - ICF Consulting

<u>RAC CHAIR/EXERCISE DIRECTOR</u>	<u>NAME</u>	<u>ORGANIZATION</u>
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RAC Chair/Exercise Director	W. Curtis	DHS/FEMA
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<u>EVALUATION SITE</u>	<u>EVALUATOR</u>	<u>ORGANIZATION</u>
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STATE OF ILLINOIS

Emergency Operations Center	C. Sturghill (TL)	DHS/FEMA
	E. Sachs	DHS/FEMA
Radiological Emergency Assessment Center	R. Grundstrom	ICF
State Forward Command Post - Traffic and Access Control	T. Connors-Hartman	DHS/FEMA
	M. Hammond	DHS/FEMA
Emergency Operations Facility	R. Rospenda	ICF
Joint Public Information Center	C. McCoy	ICF
Monitoring and Decontamination of Evacuees and Emergency Workers And Registration of Evacuees	R. Grundstrom	ICF
Monitoring and Decontamination of Emergency Worker Equipment	R. Grundstrom	ICF
Congregate Care	R. Grundstrom	ICF
State/Utility Liaisons – DeWitt County	K. Wierman	DHS/FEMA

DEWITT COUNTY

Emergency Operations Center	C. Crackel (TL)	DHS/FEMA
	P. Massey	DHS/FEMA
	P. Tenorio	DHS/FEMA
	K. Wierman	DHS/FEMA
Traffic and Access Control	P. Massey	DHS/FEMA
EBS Radio Station WBNQ/WBWN/WJBC	P. Tenorio	DHS/FEMA
EV-2 Interview/Clinton School District	C. McCoy	ICF

<u>EVALUATION SITE</u>	<u>EVALUATOR</u>	<u>ORGANIZATION</u>
MACON COUNTY		
Emergency Operations Center	C. Lloyd (TL)	DHS/FEMA
	S. Bailey	DHS/FEMA
Traffic and Access Control Point	S. Bailey	DHS/FEMA
MCLEAN COUNTY		
Emergency Operations Center	G. Naskrent (TL)	DHS/FEMA
	S. Maingi	ICF
Traffic and Access Control Point	S. Maingi	ICF
PIATT COUNTY		
Emergency Operations Center	C. Bebrich (TL)	DHS/FEMA
	H. Christiansen	ICF
Traffic and Access Control Point	H. Christiansen	ICF

APPENDIX 3

EXERCISE CRITERIA AND EXTENT-OF-PLAY AGREEMENT

This appendix lists the exercise criteria which were scheduled for demonstration in the Clinton Power Station exercise on August 20, 2003, and the extent-of-play agreement.

The exercise criteria, contained in the FEMA "Radiological Emergency Preparedness Exercise Evaluation Methodology; Notice," as published in the Federal Register Notice dated April 25, 2002, represent a functional translation of the planning standards and evaluation criteria of NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria for the Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980.

Because the exercise criteria are intended for use at all nuclear power plant sites, and because of variations among offsite plans and procedures, an extent-of-play agreement is prepared by the State and approved by DHS/FEMA to provide evaluators with guidance on expected actual demonstration of the criteria.

A. Exercise Criteria

Listed below are the specific radiological emergency preparedness criteria scheduled for demonstration during this exercise.

EVALUATION AREA 1: EMERGENCY OPERATIONS MANAGEMENT

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

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

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.

CRITERION 1.d.1: At least two communications 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.

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

EVALUATION AREA 2: PROTECTIVE ACTION DECISION-MAKING

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

CRITERION 2.b.1: 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.

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

CRITERION 2.c.1: Protective action decisions are made, as appropriate, for special population groups.

EVALUATION AREA 3: PROTECTIVE ACTION IMPLEMENTATION

CRITERION 3.a.1: The OROs issue appropriate dosimetry 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.

CRITERION 3.b.1: KI and appropriate instructions are available should a decision to recommend use of KI be made. Appropriate record keeping of the administration of KI for emergency workers and institutionalized individuals (not the general public) is maintained.

CRITERION 3.c.1: Protective action decisions are implemented for special populations other than schools within areas subject to protective actions.

CRITERION 3.c.2: OROs/School officials decide upon and implement protective actions for schools.

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

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

EVALUATION AREA 5: EMERGENCY NOTIFICATION & PUBLIC INFORMATION

CRITERION 5.a.1: Activities associated with primary alerting and notification of the public are completed in as timely manner following the initial decision by authorized offsite emergency officials to notify the public of an emergency situation. The initial instructional message to the public must include as a minimum the elements required by current FEMA REP guidance.

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

EVALUATION AREA 6: SUPPORT OPERATION/FACILITIES

CRITERION 6.a.1: The reception center/emergency worker facility has appropriate space, adequate resources, and trained personnel to provide monitoring, decontamination, and registration of evacuees and/or emergency workers.

CRITERION 6.b.1: The facility/ORO has adequate procedures and resources for the accomplishment of monitoring and decontamination of emergency worker equipment including vehicles.

CRITERION 6.c.1: Managers of congregate care facilities demonstrate that the centers have resources to provide services and accommodations consistent with American Red Cross planning guidelines (found in MASS CARE-Preparedness Operations, ARC 3031). 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.

B. Extent-of-Play Agreement

The extent-of-play agreement on the following pages was submitted by the State of Illinois in preparation for the Clinton Power Station exercise on August 20, 2003. The extent-of-play agreement includes any significant modification or change in the level of demonstration of each exercise criterion listed in Subsection A of this appendix.

STATE OF ILLINOIS CRITERIA:

Criteria that can be re-demonstrated immediately for credit, at the discretion of the evaluator, include the following: 3.a.1, 3.d.1, 3.d.2, 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.

EVALUATION AREA 1 - EMERGENCY OPERATIONS MANAGEMENT

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

The State Emergency Operations Center (EOC) will be partially activated. The IEMA Emergency Response Telecommunicator will implement procedures for notification of IEMA staff as defined in IEMA SOPs. IEMA and IDNS representatives will staff the State EOC. A roster will be provided to demonstrate 24-hour staffing of the State EOC.

The State Forward Command Post (SFCP) at the Maroa Fire Station will be activated with State district and regional personnel. IEMA personnel will be pre-positioned in the local area and dispatched to the county EOCs, SFCP, EOF and the JPIC.

The IDNS Telecommunicator will implement notification procedures in accordance with IDNS SOPs. REAC will be fully activated. A roster will be provided to demonstrate 24-hour staffing of REAC. RAFT will be activated in Springfield for training purposes. IDNS personnel will be pre-positioned in the local area for response to the county EOCs, SFCP, EOF, JPIC and TSC.

The pre-positioned State staff will begin exercise play no earlier than the Alert.

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.

The ability to direct and control emergency response activities will be demonstrated at the State EOC, REAC, the SFCP and the JPIC. Coordination will be demonstrated between the State EOC, the REAC, the SFCP, the JPIC, the EOF and the county EOCs.

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.

IEMA will use a variety of communication systems [Nuclear Accident Reporting System (NARS), telefax, commercial telephone, radio] to communicate with other organizations and locations.

IDNS (intra/inter-agency) communications capabilities will be demonstrated in accordance with appropriate SOPs (e.g. NARS, telefax, commercial telephone, radio).

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

The State of Illinois will demonstrate the use of equipment, maps and displays to support emergency operations. The use of dosimetry will be demonstrated at the SFCP in

conjunction with the traffic and access control demonstration. DCO logs will be available from the IDNS liaisons in the county EOCs.

EVALUATION AREA 2 - PROTECTIVE ACTION DECISION MAKING

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

The ability to make the decision to recommend the use of KI to emergency workers will be demonstrated by IDNS in the REAC. A message will be injected to drive the decision to authorize exposure in excess of administrative limits.

Criterion 2.b.1: 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.

The REAC will evaluate the licensee information and complete independent dose projections based on that information and simulated field-monitoring data. The REAC will make an evaluation of the data and make a protective action recommendation to the State EOC.

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

The coordination to determine protective action recommendations (PARs) based upon available shelters, evacuation time estimates and other relevant factors will be demonstrated between the State EOC and the REAC.

Criterion 2.c.1: Protective action decisions are made, as appropriate, for special population groups.

The coordination to determine protective action recommendations (PARs) based upon available shelters, evacuation time estimates and other relevant factors will be demonstrated between the State EOC and the REAC.

The ability to make the decision to recommend the use of KI to institutionalized persons will be demonstrated by IDNS in the REAC.

EVALUATION AREA 3 - PROTECTIVE ACTION IMPLEMENTATION

Criterion 3.a.1: The OROs issue appropriate dosimetry and procedures, and manage radiological exposure to emergency workers in accordance with the plan and procedures.

Emergency workers periodically and at the end of each mission read their dosimeters and record the readings on the appropriate exposure record or chart.

This will be demonstrated during the traffic and access control demonstration at the SFCP. The Illinois State Police will bring dosimetry packets to the SFCP from their district headquarters.

Criterion 3.b.1: KI and appropriate instructions are available should a decision to recommend use of KI be made. Appropriate record keeping of the administration of KI for emergency workers and institutionalized individuals (not the general public) is maintained.

This will be demonstrated during the traffic and access control demonstration. The Illinois State Police will bring dosimetry packets to the SFCP from their district headquarters.

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

This will be demonstrated by the State through coordination between the SFCP and the county EOCs, in accordance with the Clinton Station EPZ Traffic and Access Control Procedures. The Illinois State Police (ISP) will demonstrate one traffic and access control post during the exercise. The post for the demonstration will be selected by the ISP during the exercise based on exercise play. The Trooper will drive to the selected post location for the demonstration. The staffing of the remaining State posts will be simulated.

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

This will be demonstrated through discussions at the SFCP between the Illinois State Police and Illinois Department of Transportation. A message will be injected by a Controller that will drive this demonstration. State personnel will deal with the impediment by discussing the need for equipment, and its estimated time of arrival, etc. Actual contacts with resource providers will be made and logged.

EVALUATION AREA 5 - EMERGENCY NOTIFICATION AND PUBLIC INFORMATION

Criterion 5.a.1: Activities associated with primary alerting and notification of the public are completed in a timely manner following the initial decision by authorized offsite emergency officials to notify the public of an emergency situation. The initial instructional message to the public must include as a minimum the elements required by current FEMA REP guidance.

The State's role in demonstrating this criterion is limited to transmitting the State's protective action recommendation (PAR) to the counties and monitoring the instructional messages provided to the public by the counties. This monitoring will be accomplished by IEMA representatives in the county EOCs.

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

This will be demonstrated at the JPIC in coordination with the State EOC, REAC, SFCP and the county EOCs. IEMA and IDNS personnel will be present at the JPIC to coordinate with the utility staff. Media briefings will be conducted at the JPIC. A livestock advisory will be issued to the media from the JPIC when appropriate.

A rumor control phone bank for public inquiries will not be operated by the State during the exercise.

EVALUATION AREA 6 - SUPPORT OPERATION/FACILITIES

Criterion 6.a.1: The reception center/emergency worker facility has appropriate space, adequate resources, and trained personnel to provide monitoring, decontamination, and registration of evacuees and/or emergency workers.

During the exercise, the capability to determine which centers should be activated for monitoring, decontamination and registration will be demonstrated through coordination between the SFCP and REAC.

An interview of State and local officials and inspection of Parkland College in Champaign will be conducted during the week of the exercise. The following organizations will be represented at the interview: local EMA, Parkland College Police, Champaign Fire Department, American Red Cross, IEMA and IDNS. Evacuees will not be processed. Monitoring equipment will not be available at the interview/inspection.

Criterion 6.b.1: The facility/ORO has adequate procedures and resources for the accomplishment of monitoring and decontamination of emergency worker equipment including vehicles.

During the exercise, the capability to determine which centers should be activated for monitoring, decontamination and registration will be demonstrated through coordination between the SFCP and REAC.

An interview of State and local officials and inspection of Parkland College in Champaign will be conducted during the week of the exercise. The following organizations will be represented at the interview: local EMA, Parkland College Police, Champaign Fire Department, American Red Cross, IEMA and IDNS. Emergency

workers and equipment will not be processed. Monitoring equipment will not be available at the interview/inspection.

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

During the exercise, the capability to determine which centers should be activated for monitoring, decontamination and registration will be demonstrated through coordination between the SFCP and REAC.

An interview of local officials and inspection of Parkland College in Champaign will be conducted during the week of the exercise. Representatives of the American Red Cross will be present for the interview. Evacuees will not be processed. Equipment will not be available at the interview/inspection.

DEWITT COUNTY CRITERIA:

Criteria that can be re-demonstrated immediately for credit, at the discretion of the evaluator, include the following: 3.a.1, 3.d.1, 3.d.2, 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.

EVALUATION AREA 1 - EMERGENCY OPERATIONS MANAGEMENT

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

DeWitt County intends to fully activate the Emergency Operations Center (EOC) in Clinton, Illinois. The County will implement notification procedures as defined in IPRA-Clinton. Representatives from the EPZ municipalities, IEMA, IDNS and Exelon will staff the County EOC but will not be pre-positioned in the EOC. A roster will be provided to demonstrate 24-hour staffing of the EOC.

An evaluator will be positioned at the County Sheriff's Communications Center (initial warning point) at the start of the exercise.

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

This criterion will be demonstrated in the DeWitt County EOC.

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.

Decision-making will be demonstrated at the State EOC and DeWitt County EOC. Coordination of decisions and emergency activities will be demonstrated between DeWitt County, the State EOC, SFCP and the JPIC, and between the County and municipalities within the EPZ. Coordination between DeWitt County and the support counties will be demonstrated.

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

DeWitt County will use NARS, commercial telephone, radio and telefax to communicate with departments and agencies at other locations.

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

DeWitt County will demonstrate the ability to support operations through the use of maps, status boards and other displays as appropriate. The availability of dosimetry and KI will be demonstrated during the traffic and access control demonstration and the school interview.

EVALUATION AREA 2 - PROTECTIVE ACTION DECISION MAKING

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

The State of Illinois will make protective action recommendations to DeWitt County officials in the County EOC. The DeWitt County officials will make the final decision regarding what protective actions will be recommended to the public.

Criterion 2.c.1: Protective action decisions are made, as appropriate, for special population groups.

The State of Illinois will make protective action recommendations to DeWitt County officials in the County EOC. The DeWitt County officials will make the final decision regarding what protective actions will be recommended for special population groups.

EVALUATION AREA 3 - PROTECTIVE ACTION IMPLEMENTATION

Criterion 3.a.1: The OROs issue appropriate dosimetry and procedures, and manage radiological exposure to emergency workers in accordance with the plan and procedures.

Emergency workers periodically and at the end of each mission read their dosimeters and record the readings on the appropriate exposure record or chart.

DeWitt County will demonstrate this criterion by close coordination with IDNS and timely dissemination and exchange of information within the County Dosimetry Control Officer network. Exercise messages will be injected which will ensure the opportunity to demonstrate this criterion in the County EOC.

This criterion will also be demonstrated during the traffic and access control demonstration and the school interview.

Criterion 3.b.1: KI and appropriate instructions are available should a decision to recommend use of KI be made. Appropriate record keeping of the administration of KI for emergency workers and institutionalized individuals (not the general public) is maintained.

When notified by the State of Illinois to distribute and administer KI, DeWitt County officials will discuss the issuance of KI to emergency workers and immobile populations, as a voluntary measure, and will notify the municipalities of the State's recommendation.

Criterion 3.c.1: Protective action decisions are implemented for special population groups within areas subject to protective actions.

This will be demonstrated by DeWitt County through the simulated implementation of the appropriate procedures. The appropriate officials will coordinate transportation and receiving facilities for special populations. One of each type of special facility will be contacted during the exercise. One of each type of transportation provider (ambulance/bus) will be contacted during the exercise. The public will not be involved in the demonstration.

The Mobility Impaired List will be available for inspection in the County EOC during the exercise.

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

DeWitt County officials will demonstrate this capability through the simulated implementation of the appropriate procedures in the county EOC. The EPZ schools and transportation providers will be contacted during the exercise.

A school interview will be conducted with the Clinton School District during the week of the exercise in the District Office. The District Superintendent, a Principal, a Teacher, the transportation coordinator (DCO) and the maintenance supervisor will be present at the interview.

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

Coordination between DeWitt County agencies designated to provide traffic and access control will be exhibited in the County EOC. A Sheriff's deputy will be available during the exercise to demonstrate the staffing of one post. The post for the demonstration will be selected by DeWitt County during the exercise based on exercise play. The deputy will drive to the selected post location for the demonstration. The staffing of the remaining posts will be simulated.

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

The DeWitt County EOC staff will demonstrate the capability to identify and take appropriate actions concerning impediments to evacuation. A message will be injected by the Controller that will drive this demonstration. County personnel will deal with the impediment by identifying the equipment needed, discussing its estimated time of arrival, etc. Actual contacts with resource providers will be made and logged.

EVALUATION AREA 5 - EMERGENCY NOTIFICATION AND PUBLIC INFORMATION

Criterion 5.a.1: Activities associated with primary alerting and notification of the public are completed in a timely manner following the initial decision by authorized offsite emergency officials to notify the public of an emergency situation. The initial instructional message to the public must include as a minimum the elements required by current FEMA REP guidance.

DeWitt County will demonstrate the capability to provide both an alert signal and an initial instructional message to populated areas throughout the 10-mile plume pathway EPZ in a timely manner after their decision to activate the alert and notification system to implement protective action recommendations (PAR).

This capability will be demonstrated through the simulated activation of the Clinton Station EPZ Siren Warning System as defined in IPRA-Clinton. The Siren Warning System (outdoor warning sirens) will not be activated during the exercise.

The ability to provide instructions to the public will be demonstrated through the simulated activation of the local radio station (WBNQ/WBWN/WJBC). The local radio station will be contacted during the first alert and notification sequence. An evaluator and a controller will be positioned at the radio station during the exercise to monitor the initial message.

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

DeWitt County will demonstrate this criterion by using pre-scripted messages as indicated in IPRA-Clinton. Contact with the radio station will be simulated for each alert and notification sequence following the initial sequence.

The ability to provide information to the media will be demonstrated by DeWitt County through briefings held at the DeWitt County media briefing location. If real media are not present for the briefings, the controller and observers will serve as mock media. Evaluators will not serve as mock media.

The ability to deal with rumors will be demonstrated by DeWitt County through coordination between the County EOC and the JPIC. The DeWitt County EOC controller will inject exercise messages which will ensure the opportunity to demonstrate this criterion. County officials will investigate and address "rumors." If appropriate, the "rumors" will be coordinated between State and County officials in the County EOC and the JPIC.

County emergency broadcast messages and news releases, if issued, will be faxed to the JPIC.

MACON COUNTY CRITERIA:

Criteria that can be re-demonstrated immediately for credit, at the discretion of the evaluator, include the following: 3.a.1, 3.d.1, 3.d.2, 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.

EVALUATION AREA 1 - EMERGENCY OPERATIONS MANAGEMENT

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

Macon County intends to fully activate the Emergency Operations Center (EOC) in Decatur, Illinois, to the appropriate level. The County will implement notification procedures as defined in IPRA-Clinton. The EOC will be staffed with representatives from the County Board, ESDA, and the Sheriff's Department. If the scenario does not drive protective actions in Macon County, the County may decide to down staff the EOC to minimum staffing. A roster will be provided to demonstrate 24-hour County staffing of the EOC.

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

This criterion will be demonstrated in the Macon County EOC.

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.

Coordination of decisions and emergency activities will be demonstrated between Macon County and DeWitt County.

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.

Macon County will use commercial telephone, radio and telefax to communicate with departments and agencies at other locations.

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

Macon County will adequately demonstrate the ability to support operations through the use of maps, status boards and other displays as appropriate. The availability of dosimetry and KI will be demonstrated during the traffic and access control demonstration.

EVALUATION AREA 3 - PROTECTIVE ACTION IMPLEMENTATION

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

Macon County will demonstrate this criterion by close coordination with IDNS and timely dissemination and exchange of information within the County Dosimetry Control Officer network.

This criterion will also be demonstrated during the traffic and access control demonstration. The Sheriff's deputy will obtain dosimetry from the DCO in the County EOC.

Criterion 3.b.1: KI and appropriate instructions are available should a decision to recommend use of KI be made. Appropriate record keeping of the administration of KI for emergency workers and institutionalized individuals (not the general public) is maintained.

When notified by the State of Illinois to distribute and administer KI, Macon County officials will discuss the issuance of KI to emergency workers and immobile populations, as a voluntary measure.

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

Coordination between Macon County and DeWitt County will be demonstrated. A Sheriff's deputy will be available during the exercise to demonstrate the staffing of one post. The post for the demonstration will be selected by Macon County during the exercise based on exercise play if the scenario causes Macon County to staff posts. If it does not, the post will be selected by the evaluator. The deputy will drive to the selected post location for the demonstration. The staffing of the remaining posts will be simulated.

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

The Macon County EOC staff will demonstrate the capability to identify and take appropriate actions concerning impediments to evacuation. A message will be injected by the Controller that will drive this demonstration. County personnel will deal with the impediment by identifying the equipment needed, discussing its estimated time of arrival, etc. Actual contacts with resource providers will be made and logged.

MCLEAN COUNTY CRITERIA:

Criteria that can be re-demonstrated immediately for credit, at the discretion of the evaluator, include the following: 3.a.1, 3.d.1, 3.d.2, 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.

EVALUATION AREA 1 - EMERGENCY OPERATIONS MANAGEMENT

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

McLean County intends to fully activate the Emergency Operations Center (EOC) in Bloomington, Illinois, to the appropriate level. The County will implement notification procedures as defined in IPRA-Clinton. The EOC will be staffed with representatives from the County Administrator's Office, ESDA, and the Sheriff's Department. If the scenario does not drive protective actions in McLean County, the County may decide to down staff the EOC to minimum staffing. A roster will be provided to demonstrate 24-hour County staffing of the EOC.

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

This criterion will be demonstrated in the McLean County EOC.

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.

Coordination of decisions and emergency activities will be demonstrated between McLean County and DeWitt County.

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.

McLean County will use commercial telephone, radio and telefax to communicate with departments and agencies at other locations.

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

McLean County will adequately demonstrate the ability to support operations through the use of maps, status boards and other displays as appropriate. The availability of dosimetry and KI will be demonstrated during the traffic and access control demonstration.

EVALUATION AREA 3 - PROTECTIVE ACTION IMPLEMENTATION

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

McLean County will demonstrate this criterion by close coordination with IDNS and timely dissemination and exchange of information within the County Dosimetry Control Officer network.

This criterion will also be demonstrated during the traffic and access control demonstration. The Sheriff's deputy will obtain dosimetry from the DCO in the County EOC.

Criterion 3.b.1: KI and appropriate instructions are available should a decision to recommend use of KI be made. Appropriate record keeping of the administration of KI for emergency workers and institutionalized individuals (not the general public) is maintained.

When notified by the State of Illinois to distribute and administer KI, McLean County officials will discuss the issuance of KI to emergency workers and immobile populations, as a voluntary measure.

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

Coordination between McLean County and DeWitt County will be demonstrated. A Sheriff's deputy will be available during the exercise to demonstrate the staffing of one post. The post for the demonstration will be selected by McLean County during the exercise based on exercise play if the scenario causes McLean County to staff posts. If it does not, the post will be selected by the evaluator. The deputy will drive to the selected post location for the demonstration. The staffing of the remaining posts will be simulated.

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

The McLean County EOC staff will demonstrate the capability to identify and take appropriate actions concerning impediments to evacuation. A message will be injected by the Controller that will drive this demonstration. County personnel will deal with the impediment by identifying the equipment needed, discussing its estimated time of arrival, etc. Actual contacts with resource providers will be made and logged.

PIATT COUNTY CRITERIA:

Criteria that can be re-demonstrated immediately for credit, at the discretion of the evaluator, include the following: 3.a.1, 3.d.1, 3.d.2, 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.

EVALUATION AREA 1 - EMERGENCY OPERATIONS MANAGEMENT

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

Piatt County intends to fully activate the Emergency Operations Center (EOC) in Monticello, Illinois, to the appropriate level. The County will implement notification procedures as defined in IPRA-Clinton. The EOC will be staffed with representatives from the County Board, ESDA, and the Sheriff's Department. If the scenario does not drive protective actions in Piatt County, the County may decide to down staff the EOC to minimum staffing. A roster will be provided to demonstrate 24-hour County staffing of the EOC.

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

This criterion will be demonstrated in the Piatt County EOC.

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.

Coordination of decisions and emergency activities will be demonstrated between Piatt County and DeWitt County.

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.

Piatt County will use commercial telephone, radio and telefax to communicate with departments and agencies at other locations.

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

Piatt County will adequately demonstrate the ability to support operations through the use of maps, status boards and other displays as appropriate. The availability of dosimetry and KI will be demonstrated during the traffic and access control demonstration.

EVALUATION AREA 3 - PROTECTIVE ACTION IMPLEMENTATION

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

Piatt County will demonstrate this criterion by close coordination with IDNS and timely dissemination and exchange of information within the County Dosimetry Control Officer network.

This criterion will also be demonstrated during the traffic and access control demonstration. The Sheriff's deputy will obtain dosimetry from the DCO in the County EOC.

Criterion 3.b.1: KI and appropriate instructions are available should a decision to recommend use of KI be made. Appropriate record keeping of the administration of KI for emergency workers and institutionalized individuals (not the general public) is maintained.

When notified by the State of Illinois to distribute and administer KI, Piatt County officials will discuss the issuance of KI to emergency workers and immobile populations, as a voluntary measure.

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

Coordination between Piatt County and DeWitt County will be demonstrated. A Sheriff's deputy will be available during the exercise to demonstrate the staffing of one post. The post for the demonstration will be selected by Piatt County during the exercise based on exercise play if the scenario causes Piatt County to staff posts. If it does not, the post will be selected by the evaluator. The deputy will drive to the selected post location for the demonstration. The staffing of the remaining posts will be simulated.

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

The Piatt County EOC staff will demonstrate the capability to identify and take appropriate actions concerning impediments to evacuation. A message will be injected by the Controller that will drive this demonstration. County personnel will deal with the impediment by identifying the equipment needed, discussing its estimated time of arrival, etc. Actual contacts with resource providers will be made and logged.

APPENDIX 4

EXERCISE SCENARIO

This appendix contains a summary of the simulated sequence of events -- Exercise Scenario -- which was used as the basis for invoking emergency response actions by OROs in the Clinton Power Station exercise on August 20, 2003.

This exercise scenario was submitted by the State of Illinois and Exelon and approved by DHS/FEMA Region V on July 18, 2003.

During the exercise, controllers from the State of Illinois gave "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 response actions by OROs.

SCENARIO SUMMARY

- 0800 Initial conditions/weather forecast message to players.
- 0810 An ALERT is declared at Clinton Station.
- 0825 Clinton Station notifies IEMA and IDNS telecommunicators of the ALERT via NARS.
 - IEMA Telecommunicator verifies the NARS message.
 - IDNS Telecommunicator activates the IDNS response team.
 - IDNS Duty Officer contacts the Clinton Station Shift Engineer.
 - IEMA Telecommunicator notifies IEMA personnel of the ALERT per SOP.
 - IEMA may dispatch liaisons to the County EOC, Forward Command Post, JPIC and EOF, if appropriate.
 - IEMA notifies Governor's Office of the ALERT. (Simulated)
 - IEMA may activate the State EOC and REAC, if appropriate.
 - IEMA Telecommunicator notifies appropriate State agencies of the ALERT.
 - IEMA notifies FEMA of the ALERT. (Simulated)
- 0840 IEMA Telecommunicator notifies DeWitt County of the ALERT via NARS.

DeWitt County telecommunicator completes and verifies the NARS message.

DeWitt County telecommunicator notifies County officials, support counties and municipalities of the ALERT per SOP.

DeWitt County may activate the EOC, if appropriate.

Support county and municipal telecommunicators complete and verify the NARS message.

Support county and municipal telecommunicators notify officials of the ALERT per SOP.

1000 A SITE AREA EMERGENCY is declared at Clinton Station.

1015 Clinton Station notifies IEMA and IDNS telecommunicators of the SITE AREA EMERGENCY via NARS.

IEMA Telecommunicator verifies the NARS message.

REAC contacts the Clinton Station Shift Engineer.

State EOC is activated if not previously activated.

IEMA notifies the Governor's Office and requests that a representative report to the State EOC. (Simulated)

IEMA dispatches liaisons to the DeWitt County EOC, Forward Command Post, JPIC and EOF, if not previously dispatched.

IEMA notifies FEMA of conditions. (Simulated)

IEMA notifies State agencies (Simulated):

- Illinois State Police
- IDOT/Division of Highways
- IDOT/Division of Aeronautics
- IDNR
- Illinois National Guard
- ICC
- American Red Cross
- IDPH
- IEPA
- Corrections
- Office of the State Fire Marshal
- others as appropriate

IDNS contacts Federal and State support agencies. (Simulated)

REAC provides an update to the State EOC Liaison and County EOC Liaison.

REAC provides an update to the IDNS PIO.

1030 IEMA notifies DeWitt County of the SITE AREA EMERGENCY via NARS.

DeWitt County telecommunicator completes and verifies the NARS message.

DeWitt County telecommunicator notifies County officials, support counties and municipalities of the SITE AREA EMERGENCY per SOP.

DeWitt County EOC is activated if not previously activated.

DeWitt County implements public notification procedures, if appropriate.
(Simulated)

Support counties and municipal telecommunicators complete and verify the NARS message.

Support counties and municipal telecommunicators notify officials per SOP.

Dosimetry is issued to emergency personnel, EOC staff and exposure records are completed.

1105 A GENERAL EMERGENCY is declared at Clinton Station.

1120 Clinton Station notifies IEMA and IDNS telecommunicators of the GENERAL EMERGENCY via NARS. Protective actions are recommended.

IEMA Telecommunicator verifies the NARS message.

The State EOC and REAC evaluate the protective action recommendation.

A recommendation is made to the Governor. The Governor recommends that protective actions be implemented.

State EOC staff is advised of the situation.

IEMA advises State Forward Command Post, the DeWitt County EOC liaison, JPIC staff and EOF liaison of the situation.

IEMA notifies FEMA of conditions. (Simulated)

IDNS contacts Federal and State support agencies. (Simulated)

REAC provides an update to the State EOC Liaison and DeWitt County EOC Liaison.

REAC provides an update to the IDNS PIO.

1135 IEMA notifies DeWitt County of the GENERAL EMERGENCY and the recommended protective actions via NARS.

DeWitt County telecommunicator completes and verifies the NARS message.

DeWitt County telecommunicator notifies County officials, support counties and municipalities per SOP.

DeWitt County implements public notification procedures and traffic and access control per SOPs, as applicable.

Support county and municipal telecommunicators complete and verify the NARS message.

Support county and municipal telecommunicators notify EOC staff.

1330 The exercise is terminated.