U.S. Department of Homeland Security
Region V
536 South Clark Street, Floor 6
Chicago, IL 60605

FEMA

June 14, 2004

Mr. Tim McGinty, Chief
Inspection and Communications Section (EPPO-A)
Emergency Project Office
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. McGinty:

Enclosed is a copy of the Final Report for the Radiological Emergency Preparedness (REP) Plume Pathway Exercise conducted on March 10, 2004, for the LaSalle County Nuclear Generating Station. The State of Illinois, LaSalle and Grundy Counties participated in this exercise. Exelon Nuclear Corporation, the utility owner/operator also participated in this exercise.

No Deficiencies or Areas Requiring Corrective Action (ARCA) were assessed against the State of Illinois as a result of this exercise.

One ARCA was assessed against LaSalle County under Criterion 5.b.1 (Emergency Information and Instructions for the Public and the Media). One previous ARCA assessed against LaSalle County under Criterion 5.b.1 was resolved.

One ARCA was assessed against Grundy County under Criterion 5.b.1 (Emergency Information for the Public and the Media). Three previous ARCAs assessed against Grundy County for Criteria 1.c.1 (Direction & Control), 5.a.1 (Emergency Notification and Public Information) and 5.b.1 were resolved. A detailed discussion of these issues can be found in Part IV of the Final Report.

Based on the results of the March 10, 2004, exercise, the offsite radiological emergency response plans and preparedness for the State of Illinois, LaSalle and Grundy Counties, site-specific to the LaSalle County Nuclear Generating 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 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 Illinois, site-specific to the LaSalle County Nuclear Generating Station, granted on June 4, 1982, will remain in effect. Copies of this Report were transmitted to the Nuclear Regulatory Commission (NRC) Region III, the DHS/FEMA Headquarters and the State of Illinois.

If you should have any questions, please call me or have a member of your staff contact Bill King at (312) 408-5575.

Sincerely,

Edward G. Buikema
Regional Director

Enclosure (1)

Final Exercise Report

LaSalle County Nuclear Generating Station

Licensee: Exelon Nuclear Corporation
Exercise Date: March 10, 2004
Report Date: June 14, 2004

U.S. DEPARTMENT OF HOMELAND SECURITY
FEMA REGION V
536 South Clark Street, 6th Floor
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I. EXECUTIVE SUMMARY

On March 10, 2004 an exercise was conducted in the plume exposure pathway emergency-planning zone (EPZ) around the LaSalle County Nuclear Generating Station by the Federal Emergency Management Agency (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 FEMA's policies and guidance concerning the exercise of State and local Radiological Emergency Response Plans (RERPs) and procedures.

The previous exercise at this site was conducted on March 20, 2002. The qualifying emergency preparedness exercise was conducted on May 20, 1981.

FEMA wishes to acknowledge the efforts of the many individuals from the State of Illinois, along with LaSalle and Grundy Counties, who participated in this exercise.

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 was evident during this exercise.

This report contains the Final evaluation of the biennial exercise and the following out-of-sequence activities demonstrated on March 9-10, 2004:

LaSalle County	Implementation of Protective Actions – Schools - (EV-2) Marseilles Elementary School District #150.

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. There were two Areas Requiring Corrective Action (ARCA) identified as a result of this exercise under Criterion 5.b.1 (Emergency Information for the Public and the Media) for LaSalle and Grundy Counties. One previous ARCA assessed against LaSalle County under Criterion 5.b.1was resolved. Three previous ARCAs assessed against Grundy County for Criteria 1.c.1 (Direction & Control), 5.a.1 (Emergency Notification and Public Information) and 5.b.1 were resolved.

II. INTRODUCTION

On December 7, 1979, the President directed FEMA to assume the lead responsibility for offsite nuclear planning and response. 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 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 government participation in joint exercises with licensees.

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 Radiological Emergency Response Plans (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); 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 FEMA Region V Regional Assistance Committee (RAC) which is chaired by FEMA.

Formal submission of the RERPs for the LaSalle County Nuclear Generating Station to FEMA Region V by the State of Illinois and involved local jurisdictions occurred on March 31, 1981. Formal approval of the RERP was granted by FEMA on June 4, 1982, under 44 CFR 350.

A REP exercise was conducted on March 10, 2004 by FEMA Region V to assess the capabilities of State and local emergency preparedness organizations in implementing their RERPs and procedures to protect the public health and safety during a radiological emergency involving the LaSalle County Nuclear Generating Station. The purpose of this exercise report is to present the exercise results and findings on the performance of the Offsite Response Organizations (OROs) 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 FEMA Region V RAC Chairperson, and approved by the Regional Director.

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

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

- FEMA-REP-14, "Radiological Emergency Preparedness Exercise Manual," September 1991; and

- FEMA "Radiological Emergency Preparedness Exercise Evaluation Methodology" as published in the Federal Register Notice/Vol.67, No. 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 objectives 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 assessed during this exercise, recommended corrective actions, and the State and local governments' schedule of corrective actions for each identified exercise issue and (2) descriptions of unresolved ARCAs assessed during previous exercises and the status of the OROs' efforts to resolve them.

III. EXERCISE OVERVIEW

Contained in this section are data and basic information relevant to the March 10, 2004, exercise to test the off-site emergency response capabilities in the area surrounding the LaSalle County Nuclear Generating 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 EPZ Description

The LaSalle County Nuclear Generating Station, Units 1 and 2, (LaSalle Station) is located on a 3,060-acre site in Brookfield Township, 4 miles west of the LaSalle and Grundy Counties line. It is located in the northeastern portion of Illinois, approximately 7 miles south-southeast of the community of Marseilles, 4.5 miles south of the Illinois River, which runs east-west through LaSalle County and 6 miles southwest of the community of Seneca. The 10-mile plume EPZ extends radially in all directions from the LaSalle County Nuclear Generating Station and impacts portions of LaSalle and Grundy Counties. This EPZ includes the municipalities of Grand Ridge, Marseilles, Ransom, and Seneca in LaSalle County and Kinsman and Verona in Grundy County.

Land use within five miles is primarily agricultural with some rural residences. The 200 permanent population within five miles of the LaSalle County Station is 2, 036. Between five and ten miles from the LaSalle County Station lie six communities with a total 2000 population of 8, 029. An additional 7,033 persons live in rural residences or on farmsteads for a projected total of 15,062 persons living between five and ten miles from the LaSalle County Station. There is a requirement to delineate areas to be sheltered or evacuated by easily recognizable boundaries; some of the boundaries extend beyond the circular EPZ.

Primary land use around the LaSalle County Nuclear Generating Station is agricultural, with crops of corn and soybean. The closest industries are located in the communities of Marseilles and Seneca.

Recreational facilities outside the municipalities include a 60-acre park with camping facilities on the southwest shore of the 2,058-acre cooling lake for the LaSalle County Nuclear Generating Station. The cooling lake, which occupies over two thirds of the 3,060 acre station site, has recreational boating and fishing. Spring Brook Marina on the Illinois River has facilities for 150 boats, and is just over 4 miles north-northeast of the LaSalle County Nuclear Generating Station. Five and one-half miles north-northwest of the Power Station is the 510-acre Illini State Park with camping, boating, picnicking and fishing.

Major transportation facilities in the LaSalle County Nuclear Generating Station EPZ are limited to Interstate 80, nine miles north of the station and the Illinois Waterway,

four and one-half miles north of the LaSalle County Station. Marseilles Lock and Dam, at river mile 244.5, is seven miles northwest. Five rail lines also run through the LaSalle County Nuclear Power Station EPZ and their location in the EPZ is described in relationship to the LaSalle County Station. The Burlington Northern and Santa Fe Railway Company has two rail lines, a spur line into the station from Ransom and the other line six miles from the station running northeast to southwest; the CSX Transportation, Inc. is 5 miles north, the Illinois Rail Net line is nine miles west and the Norfolk Southern line is ten miles to the south just outside of the EPZ.

B. Exercise Participants

The following agencies, organizations, and units of government participated in the LaSalle County Nuclear Generating Station exercise on March 10, 2004.

STATE OF ILLINOIS

Illinois Department of Agriculture
Illinois Commerce Commission
Illinois Department of Corrections
Illinois Emergency Management Agency
Illinois Environmental Protection Agency
Illinois Department of Military Affairs
Illinois Department of Natural Resources
Illinois Department of Nuclear Safety
Illinois Department of Public Health
Illinois State Police
Illinois Department of Transportation/Division of Highways

RISK JURISDICTIONS

LASALLE COUNTY

County Board Chairman
Emergency Services and Disaster Agency
County Highway Department
County Sheriff's Department
County Health Department
County Superintendent of Schools
County Coroner
County Fire Services
Marseilles Elementary School District
Grand Ridge Township
Brookfield Township
Seneca Township
Marseilles Township

GRUNDY COUNTY

Grundy County Board Chairman
Grundy County ESDA Coordinator
County Sheriff's Department
County Highway Department Engineer
County Health Department Administrator
Regional Director of Education
Morris Township
Minooka Township

PRIVATE/VOLUNTEER ORGANIZATIONS

American Red Cross
Radio Amateur Civil Emergency Services (RACES)
Exelon Energy

C. Exercise Timeline

Table 1, on the following page, presents the time at which key events and activities occurred during the LaSalle County Nuclear Generating Station exercise on March 10, 2004. Also included are times notifications were made to the participating jurisdictions/functional entities

TABLE 1. Exercise Timeline

DATE AND SITE: March 10, 2004 LaSalle County Nuclear Generating Station

Emergency Classification Level or Event	Time Utility Declared	Time That Notification Was Received or Action Was Taken					
		REAC	Illinois State EOC	State Forward Commmand Post	LaSalle County EOC	Grundy County EOC	JPIC
Unusual Event	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert	0821	N/A	0837	0855	0903	0910	0902
Site Area Emergency	0936	0950	0950	1000	1001	1001	0956
General Emergency	1111	1115	1118	1129	1135	1135	1140
SIM Radiation Release Started	1100	1105	1118	N/A	1130	N/A	1130
Sim Radiation Release Terminated:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0917	0900	0915	0929	0928	0930
Declaration State of Emergency		N/A	1010	1015	1031	1010	1038
Exercise Terminated		1303	1300	1304	1338	1310	1300
Precautionary Advisory 1 - Animals Stored Feed		0955	1001	1000	1012	1000	1006
Precautionary Advisory 2 - General Information Message		N/A	1031	1031	1026	0928	N/A
Grundy EBS Message		N/A	N/A	N/A	N/A	0928	N/A
LaSalle Sirens		N/A	N/A	N/A	1028	N/A	N/A
LaSalle EBS Message		N/A	N/A	N/A	1029	N/A	N/A
Precationary Message 3 - LaSalle County School (Grand Ridge) Precautionary Evacuation		N/A	N/A	N/A	1126	N/A	N/A
EBS Message		N/A	N/A	N/A	1127	N/A	N/A
Protective Action Recommendation Evacucate Subareas 1,2,3,5 and 17. Shelter sub-area 13		1119	N/A	1156	1140	1136	1130
Sirens		N/A	N/A	N/A	1155	1145	N/A
EBS Message		N/A	N/A	N/A	1200	1149	N/A
Protection Action Reccomendation Evacuate Subareas 1,2,3,4,5, and 17. Shelter sub-area 13		1227	N/A	1229	1235	1229	N/A
Sirens		N/A	N/A	N/A	1238	N/A	N/A
EBS message		N/A	N/A	N/A	1244	N/A	N/A
KI Decision		1132	1138	1138	1202	1200	1223

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 March 10, 2004, exercise to test the offsite emergency response capabilities of State and local governments in the 10-mile EPZ surrounding the LaSalle County Nuclear Generating Station.

Each jurisdiction and functional entity was evaluated on the basis of its demonstration of criteria delineated in exercise criteria contained in "Radiological Emergency Preparedness Exercise Evaluation Methodology" as published in the Federal Register Notice/ Vol. 67, No. 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 pages, presents the status of all exercise criteria from "Radiological Emergency Preparedness Exercise Evaluation Methodology" as published in the Federal Register Notice/Vol. 67, No. 80, dated April 25, 2002, that were scheduled for demonstration during this exercise at 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/(ies) assessed

A - ARCA(s) assessed or unresolved ARCA(s) from prior exercise(s)

N - Not Demonstrated (Reason explained in Subsection IV.B.)

Blank - Not scheduled for demonstration

TABLE 2. SUMMARY RESULTS OF EXERCISE EVALUATION

DATE AND SITE: March 10, 2004, LaSalle County Nuclear Generating 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.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				
Radiological Emergency Assessment Center	M		M	M	M	M	M	M	M																				M	M	M	M	
State Forward Command Post	M		M	M	M							M	M			M	M												M	M	M	M	
State Traffic and Access Control Point	M			M	M							M	M			M																	
Joint Public Information Center	M		M	M	M																								M				
Emergency Operations Facility	M		M	M																													
RISK JURISDICTIONS																																	
LASALLE COUNTY																																	
Initial Notification Point	M			M																													
Emergency Operations Center	M		M	M	M			M	M			M	M	M	M		M									M			A				
Traffic and Access Control Point				M	M							M	M			M																	
EBS Radio Station WCMY/WRKX				M																						M							
Protection Action Schools – EV-2 – Marseilles Elementary School District # 150				M	M							M			M																		
GRUNDY COUNTY																																	
Initial Notification Point	M			M																													
Emergency Operations Center	M		M	M	M			M	M			M	M	M			M									M			A				
EBS Radio Station WCSJ AM/FM				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 criterion 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 that 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 Issues - Resolved** - Descriptions of ARCAs assessed during previous exercises which were resolved in this exercise and the corrective actions demonstrated.

- **Prior Issues - 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 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."

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 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** - An alpha and two-digit number corresponding to the criterion numbers in Exercise Evaluation Areas described in the Federal Register Notice/Vol. 67, No. 80 dated April 25, 2002, which amends FEMA-REP 14, Radiological Emergency Preparedness Exercise Manual.

- **Issue Classification Identifier** - (D = Deficiency, A = ARCA). Only Deficiencies and ARCAs are included in exercise reports. Plan Issues are reported to the State(s) via a letter from the Regional Director. Therefore, standardized issue numbers are not assigned to Plan Issues.

- **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.2, 5.a.1 and 5.b.1

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** 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 (ARCA):** 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.a.1, 3.b.1, 3.d.1, 3.d.2, 5.b.1, 6.a.1, 6.b.1 and 6.c.1

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** NONE

d. **NOT DEMONSTRATED:** NONE

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

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

1.5 State Traffic and Access Control Point

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

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** NONE

d. **NOT DEMONSTRATED:** NONE

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

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

1.6 Joint Public Information Center

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

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** NONE

d. **NOT DEMONSTRATED:** NONE

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

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

1.7 Emergency Operations Facility

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

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** NONE

d. **NOT DEMONSTRATED:** NONE

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

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

2. RISK JURISDICTIONS

2.1 LASALLE COUNTY

2.1.1 Initial Notification Point

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

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** NONE

d. **NOT DEMONSTRATED:** NONE

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

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

2.1.2 Emergency Operations Center

a. **MET:** Criteria 1.a.1, 1.c.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, and 5.a.1.

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** Criterion 5.b.1

Issue No.: 34-04-5.b.1-A-01

Condition: Immediate dissemination of warning messages is not available on a 24-hour basis.

Possible Cause: Radio stations identified in Illinois Plan for Radiological Accidents-LaSalle do not have the capability for immediate dissemination of warning messages to residents of the 10-mile EPZ on a 24-hour basis.

Reference: NUREG-0654, Appendix 3, C.1.d

Effect: Without immediate warning message dissemination capability there may be a delay in notifying the Public of Protective Actions in a timely manner.

Recommendation: Provide for immediate warning message dissemination on a 24-hour basis in accordance with the NUREG-0654 requirement.

Schedule of Corrective Actions: LaSalle County and IEMA are working with the National Weather Service to provide for immediate warning message dissemination on a 24-hour basis. A draft summary of the process is under review. FEMA will be advised as soon as the LaSalle County agreement is in place.

d. **NOT DEMONSTRATED:** NONE

e. **PRIOR ARCAs - RESOLVED:** Criterion 5.b.1

Issue No.: 34-02-5.b.1-A-01

Condition: The 1117 hours local emergency broadcast message stated that schools had been evacuated to IVCC. Seneca schools were evacuated to Joliet Junior College. No broadcast was made to the public to inform parents that students from Seneca were evacuated to Joliet Junior College.

Corrective Action Demonstrated: EBS messages #2, #3, and #4 all included current school evacuation information.

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

2.1.3 Traffic and Access Control Point

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

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** NONE

d. **NOT DEMONSTRATED:** NONE

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

2.1.4 EBS Radio Station WCMY/WRKX

a. MET: Criteria 1.d.1, and 5.a.1

b. DEFICIENCY: NONE

c. AREAS REQUIRING CORRECTIVE ACTION (ARCA): NONE

c. NOT DEMONSTRATED: NONE

e. PRIOR ARCAs - RESOLVED: NONE

f, PRIOR ARCAs - UNRESOLVED: NONE

2.1.5 Protective Actions - Schools - EV-2: Marseilles Elementary School District # 150

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

b. DEFICIENCY: NONE

c. AREAS REQUIRING CORRECTIVE ACTION (ARCA): NONE

d. NOT DEMONSTRATED: NONE

e. PRIOR ARCAs - RESOLVED: NONE

f. PRIOR ARCAs - UNRESOLVED: NONE

3.1 GRUNDY 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 (ARCA): NONE

d. NOT DEMONSTRATED: NONE

e. PRIOR ARCAs - RESOLVED: NONE

f. PRIOR ARCAs - UNRESOLVED: NONE

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

3.1.2 Emergency Operations Center

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

b. **DEFICIENCY:** NONE

c. **AREAS REQUIRING CORRECTIVE ACTION (ARCA):** Criterion 5.b.1

Issue No.: 34-04-5.b.1-A-02

Condition: Immediate dissemination of warning messages is not available on a 24-hour basis.

Possible Cause: Radio stations identified in Illinois Plan for Radiological Accidents-LaSalle do not have the capability for immediate dissemination of warning messages to residents of the 10-mile EPZ on a 24-hour basis.

Reference: NUREG-0654, Appendix 3, C.1.d

Effect: Without immediate warning message dissemination capability there may be a delay in notifying the Public of Protective Actions in a timely manner.

Recommendation: Provide for immediate warning message dissemination on a 24-hour basis in accordance with the NUREG-0654 requirement.

Schedule of Corrective Actions: Grundy County is purchasing EAS equipment that can be used to provide for immediate warning message dissemination on a 24-hour basis. FEMA will be advised as soon as the Grundy County equipment is in place and functional.

d. **NOT DEMONSTRATED:** NONE

e. **PRIOR ISSUES - RESOLVED:** Criteria 1.c.1, 5.a.1 and 5.b.1

Issue No.: 20-03-1.c.1-A-01

Condition: Tasks assigned by the Chairman of the Board of Commissioners and/or the Duty Officer were not always completed, nor were they usually completed in a timely manner.

Corrective Action Demonstrated: Efficient discussions between the County Board Chairman and the EMA Duty Officer in conjunction with other EOC staff provided timely decisions and implementation of all tasks performed during the conduct of this exercise.

Condition: The initial alert and notification sequence was not accomplished in a timely manner. The decision was made at 1110 hours to sound sirens at 1115 hours and issue the initial message to the public. The message was not sent to the radio station until1147 hours. The radio station simulated broadcast of the EBS message at 1152 hours.

Corrective Action Demonstrated: The decision to formulate an initial EBS message was made by Grundy County officials at 0922 hours. Radio stations WCSJ and WJDK were provided this EBS message at 0928 hours for broadcast to the public.

Issue No.: 20-03-5.b.1-A-04

Condition: The Media briefing did not provide complete or consistent information to the media. During the briefing, the EBS message was referenced but not provided to the media. In addition the evacuation areas were vaguely described and evacuation routes were not discussed. A telephone number was mentioned but not provided.

Corrective Action Demonstrated: The media Briefing conducted during this exercise was thorough and provided more than adequate information to the media. Copies of EBS messages were provided to the media. Evacuation areas and evacuation routes were described in detail. Maps and pertinent telephone numbers were provided in each media kit.

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

3.1.3 Emergency Broadcasting Station (WCSJ AM/FM)

a. **MET:** Criteria 1.d.1, 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

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
AMA	American Medical Association
ANI	American Nuclear Insurers
ARC	American Red Cross
ARCA	Area Requiring Corrective Action
CCC	Congregate Care Center
CD-V	Civil Defense - Victoreen
CFR	Code of Federal Regulations
CPM	Counts Per Minute
DHHS	US Department of Health and Human Services
DOC	US Department of Commerce
DOE	US Department of Energy
DOI	US Department of the Interior
DOT	US Department of Transportation
DRD	Direct Reading Dosimeter
EAL	Emergency Action Level
EAS	Emergency Alert System
EBS	Emergency Broadcast System
ECL	Emergency Classification Level
EEM	Exercise Evaluation Methodology

EOC	Emergency Operations Center
EOF	Emergency Operations Facility
EPA	US Environmental Protection Agency
EPZ	Emergency Planning Zone
ETA	Estimated Time of Arrival
ETE	Evacuation Time Estimate
EWMDS	Emergency Worker Monitoring and Decontamination Station
FAA	Federal Aviation Agency
FCC	Federal Communications Commission
FDA	US Food and Drug Administration
FEMA	Federal Emergency Management Agency
FOC	Forward Operations Center (Indiana)
FR	Federal Register
FTC	Field Team Coordinator
ft/min	feet per minute
ft^3/min	cubic feet per minute
GE	General Emergency
GM	Guidance Memorandum
IP	Implementing Procedure
IEMA	Illinois Emergency Management Agency
IDNS	Illinois Department of Nuclear Safety
IP	Implementing Procedure
JIC	Joint Information Center

JPIC	Joint Public Information Center
KI	Potassium Iodide
mR	milliroentgen
mR/h	milliroentgen per hour
NOAA	National Oceanic and Atmospheric Administration
NOUE	Notification of Unusual Event
NRC	US Nuclear Regulatory Commission
NUREG-0654	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*
OEM	Office of Emergency Management
ORO	Offsite Response Organization
PAD	Protective Action Decision
PAG	Protective Action Guide
PAO	Public Affairs Official
PAR	Protective Action Recommendation
PIO	Public Information Officer
POR	Point Of Review
R	Roentgen
RAC	Regional Assistance Committee
RACES	Radio Amateur Civil Emergency Service
RAFT	Radiological Assessment Field Team
RC	Reception Center
REA	Radioactive Emergency Area

REAC	Radiological Emergency Assessment Center
REM	Roentgen Equivalent Man
REP	Radiological Emergency Preparedness
RERP	Radiological Emergency Response Plan
R/h	Roentgen(s) per hour
RO	Radiological Officer
SAE	Site Area Emergency
SEOC	State Emergency Operations Center
TCP	Traffic Control Point
TDD	Telecommunications Device for the Deaf
TLD	Thermoluminescent Dosimeter
UHF	Ultra High Frequency
USCG	US Coast Guard
USDA	US Department of Agriculture
VHF	Very High Frequency

APPENDIX 2

EXERCISE EVALUATORS AND TEAM LEADERS

The following is a list of the personnel who evaluated the LaSalle County Nuclear Generating Station exercise on March 10, 2004. Evaluator Team Leaders are indicated by the letters "(TL)" after their names. The organization, which each evaluator represents, is indicated by the following abbreviations:

FEMA	- Federal Emergency Management Agency
DOT/FHA	- U.S. Department of Transportation/Federal Highway Administration
ICF	- ICF Consulting
RAC	- Radiological Assistance Committee
USDA	- U.S. Department of Agriculture

EVALUATION SITE	EVALUATOR	ORGANIZATION
Exercise Director	King, William	FEMA
STATE OF ILLINOIS		
Initial Notification Point	Clinton Crackel (TL)	FEMA
Emergency Operations Center	Clinton Crackel	FEMA
Emergency Operations Center	Roy Smith	ICF
Emergency Operations Facility	Hollis Berry	ICF
Radiological Emergency	Grundstorm, Richard	ICF
Assessment Center (REAC)	Marcy Campbell	ICF
REAC	Jim Foster	ICF
Joint Public Information Center	David Moffett Jr.	ICF
State Forward Command Post	Terri Connors-Hartman	FEMA
Traffic and Access Control	Arthur Ball	ICF
LASALLE COUNTY		
Initial Notification Point	Cleven Lloyd	FEMA
Emergency Operations Center	Carolyn Sturghill (TL)	FEMA
Emergency Operations Center	Paul Nied	ICF
Marseilles Elementary School	Donald Cray	ICF
Traffic and Access Control	Harold Spedding	ICF
Emergency Broadcast System Radio Station (WMCY/WRKX) AM/FM	Cleven Lloyd	FEMA
GRUNDY COUNTY		
Initial Notification Point	Tracy Green	ICF
Emergency Operations Center	Gary Naskrent (TL)	FEMA
Emergency Operations Center	John Flynn	ICF
Emergency Broadcast System Radio Station (WCSJ) AM/FM	Tom Deanner	ICF

APPENDIX 3

EXERCISE CRITIERA AND EXTENT-OF-PLAY AGREEMENT

This appendix lists the exercise criteria which were scheduled for demonstration in the LaSalle County Nuclear Power Station exercise on March 10, 2004, and the extent-of-play agreement approved by FEMA Region V on February 19, 2004.

The exercise criteria, contained in FEMA "Radiological Emergency Preparedness Exercise Evaluation Methodology" as published in the Federal Register Notice/Vol. 67, No. 80, 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 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.

EMALUATION 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.

EVALAUTION AREA 4: FIELD MEASUREMENT AND ANALYSIS

CRITERION 4.a.1: The field teams are equipped to perform field measurement of direct radiation exposure (cloud and ground shine) and to sample airborne radioiodine and particulates.

CRITERION 4.a.2: Field teams are managed to obtain sufficient information to help characterize the release and to control radiation exposure.

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.

CRITERION 4.b.1: The field teams 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.

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

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.

STATE OF ILLINOIS EXTENT OF PLAY AGREEMENT
FOR THE
LASALLE NUCLEAR GENERATING STATION EXERCISE
March 10, 2004

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 MANAGEMENYT

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 representatives will staff the State EOC. REAC will be fully activated. Rosters will be provided to demonstrate 24-hour staffing of the State EOC and REAC.

The State Forward Command Post (SFCP) at the IEMA building at Mazon Middle School will be activated with State district and regional personnel. RAFT will be activated in Springfield for training purposes. IEMA personnel will be prepositioned in the local area and dispatched to the LaSalle County EOC, Grundy County EOC, SFCP, the JPIC, TSC and the EOF.

The prepositioned State staff will begin exercise play at no earlier than the Alert.

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

This criterion will not be demonstrated during the exercise.

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, 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.

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/KI will be demonstrated at the SFCP in conjunction with the traffic and access control demonstration. DCO logs will be available from IEMA 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 in 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.

REAC will evaluate the licensee information and complete independent dose projections based on that information and simulated field monitoring data. 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 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 REAC.

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

Criterion 2.d.1: Radiological consequences for the ingestion pathway are assessed and appropriate protective action decisions are made based on the ORO's planning criteria.

This criterion will not be demonstrated during this exercise.

Criterion 2.e.1: Timely re-location, re-entry and return decisions are made and coordinated as appropriate, based on assessments of the radiological conditions and criteria in the OROs plan and/or procedures.

This criterion will not be demonstrated during this exercise.

EVALUATION AREA 3 – PROTECTIVE ACTION IMPLEMENTATION

Criterion 3.a.1: The OROs issue appropriate dosimetry 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.c.1: Protective action decisions are implemented for special population groups within areas subject to protective actions.

This criterion does not apply to the State of Illinois.

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

This criterion does not apply to the State of Illinois.

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 LaSalle County EOC, in accordance with the LaSalle 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, discussing its estimated time of arrival, etc. Actual contacts with resource providers will be made and logged. IEMA is working with ISP and IDOT to develop a field component to this demonstration.

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

This criterion will not be demonstrated during this exercise.

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

This criterion will not be demonstrated during this exercise.

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

This criterion will not be demonstrated during this exercise.

EVALUATION AREA 4 – FIELD MEASUREMENT AND ANALYSIS

This evaluation area will not be demonstrated.

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 the IEMA representatives in the county EOCs.

Criterion 5.a.2: [RESERVED]

Criterion 5.a.3: 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. Backup alert and notification of the

public is completed within 45 minutes following the detection by the ORO of a failure of the primary alert and notification system.

This criterion does not apply to the State of Illinois.

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 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 or the State EOC 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 this 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.

This criteria will be demonstrated at Pontiac Township High School in conjunction with the full scale 2004 Braidwood exercise. Pontiac Township High School also serves as a reception center for the LaSalle EPZ. For this reason, an interview and inspection will not be conducted during the week of the LaSalle exercise.

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 this 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.

This criteria will be demonstrated at Pontiac Township High School in conjunction with the full scale 2004 Braidwood exercise. Pontiac Township High School also serves as a reception center for the LaSalle EPZ. For this reason, an interview and inspection will not be conducted during the week of the LaSalle exercise.

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 this 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.

This criteria will be demonstrated at Pontiac Township High School in conjunction with the full scale 2004 Braidwood exercise. Pontiac Township High School also serves as a reception center for the LaSalle EPZ. For this reason, an interview and inspection will not be conducted during the week of the LaSalle exercise.

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.

This criterion may be demonstrated.

LASALLE COUNTY EXTENT OF PLAY AGREEMENT
FOR THE
LASALLE NUCLEAR GENERATING STATION EXERCISE
March 10, 2004

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.

LaSalle County intends to fully activate the Emergency Operations Center (EOC) in Ottawa, Illinois. The County will implement notification procedures as defined in IPRA-LaSalle. Representatives from the EPZ municipalities, IEMA, ISP and Exelon will staff the County EOC but will not be pre-positioned in the EOC. A roster will be provided to demonstrate a 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 not be demonstrated in the LaSalle 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 LaSalle County EOC. Coordination of decisions and emergency activities will be demonstrated between LaSalle County, the State EOC, SFCP and the JPIC, and between the County and municipalities within the EPZ. Coordination between LaSalle County and Grundy County 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.

LaSalle County will use NARS, commercial telephone, radio and telefax to communicate with departments, organizations 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.

LaSalle 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.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.

This criterion does not apply to LaSalle County.

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.

This criterion does not apply to LaSalle County.

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 LaSalle County officials in the County EOC. The LaSalle 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 LaSalle County officials in the County EOC. The LaSalle County officials will make the final decision regarding what protective actions will be recommended to the special population groups.

Criterion 2.d.1: Radiological consequences for the ingestion pathway are assessed and appropriate protective action decisions are made based on the ORO's planning criteria.

This criterion does not apply to LaSalle County.

Criterion 2.e.1: Timely re-location, re-entry and return decisions are made and coordinated as appropriate, based on assessments of the radiological conditions and criteria in the OROs plan and/or procedures.

This criterion will not be demonstrated during this exercise.

EVALUATION AREA 3 – PROTECTIVE ACTION IMPLEMENTATION

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

LaSalle County will demonstrate this criterion by close coordination with IEMA 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 LaSalle County EOC.

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

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, LaSalle 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 LaSalle 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.

LaSalle 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 Marseilles Elementary School District during the week of the exercise. 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 LaSalle 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 LaSalle 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 LaSalle 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.

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

This criterion does not apply to LaSalle County.

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

This criterion does not apply to LaSalle County.

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

This criterion will not be demonstrated during this exercise.

EVALUATION AREA 4 - FIELD MEASUREMENT AND ANALYSIS

This evaluation area does not apply to LaSalle County.

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.

LaSalle 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 LaSalle Station EPZ Prompt Notification System as defined in IPRA-LaSalle. The Prompt Notification 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. The local radio station (WCMY) will be contacted during the first, and possibly the second, alert and notification sequence. An evaluator and a controller will be positioned at the radio station during the exercise to monitor the initial alert and notification sequence message. If the initial message does not contain a protective action recommendation, the evaluator and controller will stay at the radio station for a second message.

Coordination between LaSalle County and Grundy County will be demonstrated.

Criterion 5.a.2: [RESERVED]

Criterion 5.a.3: 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. Backup alert and notification of the public is completed within 45 minutes following the detection by the ORO of a failure of the primary alert and notification system.

This criteria does not apply to LaSalle County.

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

LaSalle County will demonstrate this criterion by using pre-scripted messages as indicated in IPRA-LaSalle. 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 LaSalle County through briefings held at the LaSalle 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 LaSalle County through coordination between the County EOC and the JPIC. The LaSalle 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.

EVALUATION AREA 6 – SUPPORT OPERATION/FACILITIES

This evaluation area does not apply to LaSalle County.

GRUNDY COUNTY EXTENT OF PLAY AGREEMENT
FOR THE
LASALLE NUCLEAR POWER STATION EXERCISE
March 10, 2004

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.

Grundy County intends to fully activate the Emergency Operations Center and activate facilities in a timely manner. Grundy County will implement notification procedures as defined in IPRA-LaSalle. Representatives from IEMA 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 County staffing of the EOC.

If approved by Sheriff Olson and Chief Deputy Terry Marketti, the Grundy County Sheriff's Department will allow an evaluator to observe and evaluate the initial NARS message and notification at the Sheriff's Communications Center.

- Telecommunicator's shift change takes place at 7 a.m. There is an exchange of information between shifts, usually from 6:50 a.m. to 7:10 a.m. Evaluators are asked not to be disruptive to this process.
- If major events occur or are occurring, evaluators will be asked to leave.
- Evaluators must present proper identification.

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

This criterion will not be demonstrated during this exercise.

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 Grundy County EOC. Coordination of decisions and emergency activities will be demonstrated between Grundy County, the State EOC, SFCP and the JPIC , and between the County and municipalities within the EPZ. Coordination between Grundy County and LaSalle County 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. Grundy 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.

Grundy 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 at the County EOC. "Availability" means that you have dosimetry and KI and will show it.

EVALUATION AREA 2 - PROTECTIVE ACTION DECISION MAKING

Criterion 2.a.1: OROs use a decision-making process, considering relevant factors and appropriate coordination, to insure 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.

This criterion does not apply to Grundy County.

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.

This criterion does not apply to Grundy County.

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 Grundy County officials in the County EOC. The Grundy County officials will make the final decision regarding what protective actions will be recommended to the public. The KI program is a State program and Grundy County does not participate in the distributing or storing for anyone other than Grundy County emergency workers and institutionalized populations, in accordance with the IPRA.

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 Grundy County officials in the County EOC. The Grundy County officials will make the final decision regarding what protective actions will be recommended for special population groups. The KI program is a State program and Grundy County does not participate in the distributing or storing for anyone other than Grundy County emergency workers and institutionalized populations, in accordance with the IPRA.

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

This criterion does not apply to Grundy County.

Criterion 2.e.1: Timely re-location, re-entry and return decisions are made and coordinated as appropriate, based on assessments of the radiological conditions and criteria in the OROs plan and/or procedures.

This criterion will not be demonstrated during this exercise.

EVALUATION AREA 3 - PROTECTIVE ACTION IMPLEMENTATION

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

Grundy County will demonstrate this criterion by close coordination with IEMA 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.

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 to emergency workers and immobile populations, Grundy County officials will discuss the issuance of KI, as a voluntary measure.

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

This will be demonstrated by Grundy County through the simulated implementation of the appropriate task assignments. 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.

- An industry is the special facility to be called. The Sheriff or the EMA Liaison in the municipality where the special facility is located will make the call. No other types of special facilities are located within Grundy County portion of the EPZ.

Special facilities are defined as: recreational facilities, camp grounds, Boy Scout camp, membership clubs, golf courses and rest areas. Special populations are defined as: hospitals, nursing homes, correctional facilities, special needs populations and transportation dependant individuals. Schools are defined as: all schools and nursery

schools. Industries are defined as: manufacturing, making finished products, making products to be shipped and any business providing a product.

The Special Needs 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.

This criteria does not apply to Grundy County.

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

This criterion does not apply to Grundy County. Grundy County is not responsible for staffing any of the designated traffic and access control posts.

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

The Grundy 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 logged. Grundy County will take care of County roads and State will take care of State roads.

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

This criterion does not apply to Grundy County.

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

This criterion does not apply to Grundy County.

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

This criterion will not be demonstrated during this exercise.

EVALUATION AREA 4 - FIELD MEASUREMENT AND ANALYSIS

This evaluation area does not apply to Grundy County.

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.

Grundy 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 LaSalle Station EPZ Prompt Notification System as defined in IPRA-LaSalle. The Prompt Notification 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. The local radio station (WCSJ) will be contacted during the first, and possibly the second, alert and notification sequence. If approved by the radio station, an evaluator and a controller will be positioned at the radio station during the exercise to monitor the initial alert notification sequence message. If the initial message does not contain a protective action recommendation, the evaluator and controller will stay at the radio station for the second message.

Coordination between Grundy County and LaSalle County will be demonstrated.

Faxing messages to the JPIC is not a high priority and will follow local revised procedures.

Criterion 5.a.2: [RESERVED]

Criterion 5.a.3: 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. Backup alert and notification of the public is completed within 45 minutes following the detection by the ORO of a failure of the primary alert and notification system.

This criterion does not apply to Grundy County.

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

Grundy County will demonstrate this criterion by using pre-scripted messages as indicated in IPRA-LaSalle or ad hoc messages will be developed. 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 Grundy County through briefings held at the Grundy 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 Grundy County through coordination between the County EOC and the JPIC. The Grundy 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.

Faxing messages to the JPIC is not a high priority and will follow local revised procedures.

EVALUATION AREA 6 - SUPPORT OPERATION/FACILITIES

This evaluation area does not apply to Grundy County.

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 LaSalle County Nuclear Power Station exercise on March 10, 2004.

This exercise scenario was submitted by the State of Illinois and Exelon Nuclear Corporation, the Licensee, on January 18, 2004, and approved by FEMA Region V on February 19, 2004
The exercise scenario was initiated by telephonic notification to the State of Illinois from the LaSalle County Nuclear Power Station. The exercise was designed to provide an opportunity for free response by the OROs. Where necessary to simulate a specific action, controllers injected messages into the play of the exercise.

OFFSITE EXERCISE TIMELINE

MARCH 10, 2004

Approx. Time	Event/Anticipated Response
0745	**Initial Conditions/Weather forecast message to players**
0750	An ALERT is declared at LaSalle Station.
0805	Exelon notifies the IEMA Telecommunicator of the ALERT via NARS.
	IEMA Telecommunicator verifies the NARS message.
	An IEMA Duty Officer contacts the LaSalle Station Shift Engineer.
	IEMA Telecommunicator notifies IEMA personnel of the ALERT per SOP.
	IEMA may activate the State EOC and REAC, if appropriate.
	IEMA may dispatch liaisons to the County EOCs, Forward Command Post, RAFT, JPIC, TSC and EOF, if appropriate.
	IEMA notifies Governor's Office of the ALERT. (Simulated)
	IEMA Telecommunicator notifies appropriate State agencies of the ALERT.
	IEMA notifies FEMA of the ALERT. (Simulated)

Approx. Time	Event/Anticipated Response
0820	IEMA Telecommunicator notifies the counties of the ALERT via NARS.
	County telecommunicators complete and verify the NARS message.
	County telecommunicators notify county officials and municipalities of the ALERT per SOP.
	The Counties may activate the EOCs, if appropriate.
	Municipal telecommunicators complete and verify the NARS message.
	Municipal telecommunicators notify officials of the ALERT per SOP.

0930	A SITE AREA EMERGENCY is declared at LaSalle Station.
0945	Exelon notifies IEMA Telecommunicators of the SITE AREA EMERGENCY via NARS.
	IEMA Telecommunicator verifies the NARS message.
	REAC contacts the LaSalle Station Shift Engineer.
	State EOC is activated if not previously activated.
	State EOC notifies Governor's Office and requests that a representative report to the State EOC. (Simulated)
	State dispatches liaisons to the county EOCs, Forward Command Post, RAFT, JPIC TSC and EOF, if not previously dispatched.
	State EOC notifies FEMA of conditions. (Simulated)
	IEMA notifies State agencies if not previously notified (Simulated): - Illinois State Police - IDOT/Division of Highways - IDOT/Division of Aeronautics - IDNR - Illinois National Guard - ICC - American Red Cross - IDPH - IEPA

Approx. Time	Event/Anticipated Response
	- IDOC - Office of the State Fire Marshal - others as appropriate
	REAC contacts Federal agencies. (Simulated)
	REAC provides an update to the State EOC and county EOC Liaisons.
	REAC provides an update to the JPIC.
1000	IEMA notifies the counties of the SITE AREA EMERGENCY via NARS.
	County telecommunicators complete and verify the NARS message
	County telecommunicators notify County officials and municipalities of the SITE AREA EMERGENCY per SOP.
	County EOCs are activated if not previously activated.
	Counties implement public notification procedures, if appropriate. (Simulated)
	Municipal telecommunicators complete and verify the NARS message.
	Municipal telecommunicators notify officials per SOP.
	Dosimetry is issued to emergency personnel, EOC staff and exposure records are completed.

1100	A GENERAL EMERGENCY is declared at LaSalle Station.
1115	Exelon notifies IEMA and IDNS Telecommunicator 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.

Approx. Time	Event/Anticipated Response
	State EOC advises State Forward Command Post, the County EOC liaisons and JPIC staff of the situation.
	IEMA notifies FEMA of conditions. (Simulated)
	REAC provides an update to the State EOC and the county EOC Liaisons.
	REAC provides an update to the JPIC.
1130	State EOC notifies the counties of the GENERAL EMERGENCY and the recommended protective actions via NARS.
	County telecommunicators complete and verify the NARS message
	County telecommunicators notify County officials and municipalities per SOP.
	County implement public notification procedures and traffic and access control per SOPs, as applicable.
	Municipal telecommunicators complete and verify and the NARS message.
	Municipal telecommunicators notify EOC staff.
1300	State EOC terminates exercise and notifies offsite locations that the exercise is terminated