

**CLINTON POWER STATION  
NUCLEAR STATION ENGINEERING DEPT.  
Controlled Document Transmittal**

Transmittal No. 01P0154 Transmittal Date 07/09/01 Sheet 1 of

Letter No. \_\_\_\_\_ Document EMERGENCY PLAN IMPLEMENTING PROCEDURE

The attached documents are being transmitted for your use.

27.	CPS/RL	V-455	183.	CPS/JPIC	V-922
56.	SDC/NRC OFFICE	V-130A		C/o A. Oleson	
64.	CPS/TSC	T-31B	493.	CPS/EOF	V-922
64A.	CPS/TSC	T-31B	493(740)A.	CPS/EOF	V-922
64B.	CPS/TSC	T-31B	493B(741).	CPS/EOF	V-922
90.	MIKE KIEL	V-130G	493C(742).	CPS/EOF	V-922
110.	SUPV – CHEMISTRY	T-31C	493D(743).	CPS/EOF	V-922
179.	CPS/OPS	T-31B	493F(744).	CPS/EOF	V-922
202.	NTD/SIMULATOR	V-922	493G(745).	CPS/EOF	V-922
202C(673).	SIMULATOR	V-922	493H(746).	CPS/EOF	V-922
255B(698).	DOSIMETRY OFFICE	T-31H			
262A(69A)	MCR/HORSESHOE	T-31B	76.	D. V. PICKETT	OS
262C(69C)	SHIFT SUPERVISOR	T-31B	222/(679)	C. SANGSTER	OS
262D(69D)	REMOTE SHUTDOWN	T-31B	223.	U.S. NRC	
273.	TRAINING REQUAL	V-922		DOC. CONTROL DESK	OS
273A(708).	TRAINING REQUAL	V-922	225/(680).	IDNS (M. SINCLAIR)	OS
467.	MEDICAL	V-410	234.	STATE EOC	OS
505.	EMERGENCY PLANNING	V-922	235.	M. STRAIN	OS
542.	CAS	T-31M		(DEWITT CO. ESDA)	
544.	SAS	T-31M	238.	D. POWELL (IDNS)	OS
3.	CPS/BEOF	V-150	567.	J. FAIROW	OS
3A.	CPS/BEOF	V-150		(RADIOLOGICAL EP MANAGER)	

**SEE PAGE 2 FOR UPDATING INSTRUCTIONS**

Please acknowledge receipt of the attached documents and return this signed transmittal to DOCUMENT CONTROL, V-150. **NOTE: RETAIN A COPY OF THIS TRANSMITTAL FOR UPDATING INSTRUCTIONS, AS NEEDED.**

Any questions regarding this transmittal should be forwarded to L. Hegger, extension 4087.

\_\_\_\_\_  
Signature/Date

A045

**PLEASE NOTICE THAT THE NUMBERS IN BRACKETS ( ) ARE YOUR  
NEW PASSPORT CONTROL COPY NUMBERS**

REMOVE/DESTROY:

EPIP Status Report  
EPIP AP-07, Rev. 7  
EPIP AP-07Form 1, Rev. 1  
EPIP AP-07Form 2, Rev. 1  
EPIP EC-01Form 2, Rev. 4  
EPIP EC-01Form 3, Rev. 1  
EPIP EC-01Form 28, Rev. 2  
EPIP EC-01Form 31, Rev. 1  
EPIP EC-03, Rev. 5  
EPIP EC-04, Rev. 5  
EPIP EC-05, Rev. 5  
EPIP EC-06, Rev. 5  
EPIP EC-10, Rev. 6  
EPIP PR-05, Rev. 6

INSERT:

Same, dtd. 06/18/01  
Same, Rev. 8  
N/A (Canceled)  
N/A (Canceled)  
Same form, Rev. 5  
Same form, Rev. 2  
Same form, Rev. 3  
Same form, Rev. 2  
Same, Rev. 6  
Same, Rev. 6  
Same, Rev. 6  
Same, Rev. 6  
Same, Rev. 7  
Same, Rev. 7

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>ADMINISTRATIVE PROCEDURE (AP)</u>					
AP-01	ORGANIZATION & PREPARATION OF CONTROLLED DOCUMENTS	7	05/16/01	n/a	
AP-02	REVISIONS AND ADVANCE CHANGE NOTICES	15	05/16/01	n/a	
AP-03	EMERGENCY RECORDS RETENTION	4	01/12/96	5/1	02/03/99
AP-04	PREPARATION & CONDUCT OF EMERGENCY DRILLS & EXERCISES	5	08/03/99	n/a	
AP-05	EMERGENCY PREPAREDNESS TRAINING PROGRAM	10	05/16/01	n/a	
AP-06	REVIEW OF EMERGENCY PREPAREDNESS PROGRAM	5	12/20/99	6/1	04/14/00
AP-07	ALERT AND NOTIFICATION SYSTEM	8	06/15/01	n/a	
AP-09	EMERGENCY FACILITY AND EQUIPMENT CHECKS	7	05/16/01	n/a	
AP-10	EMERGENCY RESPONSE ORGANIZATION ASSIGNMENTS	8	01/24/00	n/a	

DOCUMENT CONTROL

JUL 09 2001

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CLINTON POWER STATION

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>EMERGENCY CONTROL (EC)</u>					
EC-01	CPS EMERGENCY RESPONSE ORGANIZATION & STAFFING	7	04/11/01	n/a	
F-01	Interim Station Emergency Director	4	04/11/01	n/a	
F-02	Station Emergency Director (SED)	5	06/15/01	n/a	
F-03	SED Administrative Support	2	06/15/01	n/a	
F-04	TSC Administrative Supervisor	3	04/11/01	n/a	
F-05	Technical Assessment Supervisor	1	04/21/99	n/a	
F-06	Emergency Operations Supervisor	1	04/21/99	n/a	
F-07	TSC Radiological Supervisor	0	07/28/92	n/a	
F-08	OSC Supervisor	1	08/26/99	n/a	
F-09	Station Security Coordinator	0	07/28/92	n/a	
F-10	TSC Communicator	3	02/24/00	n/a	
F-11	TSC Records Management Coordinator	0	07/28/92	n/a	
F-12	TSC Electrical Engineer	1	04/21/99	n/a	
F-13	TSC Reactor Engineer	1	04/21/99	n/a	
F-14	TSC Chemist-Nuclear	2	04/21/99	n/a	
F-15	Operations Coordinator	1	04/21/99	n/a	
F-16	TSC Computer Operator	5	02/28/00	n/a	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
F-17	Radiological Engineering Specialist	1	11/23/93	n/a	
F-19	RP (TSC) Communicator	0	07/28/92	n/a	
F-20	Status Board Keepers	0	07/28/92	n/a	
F-21	Radiological Controls Supervisor	0	07/28/92	1/1	06/29/00
F-22	In-station Emergency Teams	0	07/28/92	n/a	
F-23	OSC Radiological Controls Coordinator	1	04/11/01	n/a	
F-24	Assistant OSC Radiological Controls Coordinator	0	07/28/92	n/a	
F-25	RP (OSC) Communicator	0	07/28/92	n/a	
F-26	Emergency Team Coordinator	1	10/18/93	n/a	
F-28	Emergency Manager	3	06/15/01	n/a	
F-30	EOF Director	3	03/05/97	n/a	
F-31	Executive Administrative Support	2	06/15/01	n/a	
F-32	Licensing Advisor	0	07/28/92	n/a	
F-33	EOF Emergency Advisor	3	04/11/01	n/a	
F-34	EOF Technical Advisor	0	07/28/92	n/a	
F-36	Technical Information Liaison	1	01/22/97	n/a	
F-37	Emergency Action Level/Protective Action Evaluator	0	07/28/92	n/a	
F-38	Security Supervisor	0	07/28/92	n/a	
F-39	Radiation Protection Supervisor	1	10/18/93	n/a	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
F-40	EOF Administrative Supervisor	2	07/25/00	n/a	
F-41	EOF Engineering Supervisor	0	07/28/92	1/1	07/28/99
F-42	RP (EOF) Communicator	0	07/28/92	n/a	
F-43	Dose Assessment Supervisor	1	12/01/93	n/a	
F-44	Dose Assessor	0	07/28/92	n/a	
F-45	Field Team Coordinator	2	01/10/00	n/a	
F-46	Field Teams	0	07/28/92	n/a	
F-47	Radiological Controls Coordinator	1	11/23/93	n/a	
F-48	Environmental Lab Coordinator	1	11/23/93	2/1	03/25/99
F-49	EOF Monitor	0	07/28/92	n/a	
F-50	EOF Records Management Coordinator	0	07/28/92	n/a	
F-51	EOF Communicator	3	02/24/00	n/a	
F-52	Log Coordinator	0	07/28/92	n/a	
F-53	Copy Clerk	0	07/28/92	n/a	
F-54	TSC Emergency Advisor	0	07/28/92	n/a	
F-55	Procurement Coordinator	1	05/16/01	n/a	
F-56	Word Processor	1	05/16/01	n/a	
F-57	EOF Computer Operator	4	09/02/99	n/a	
F-58	Mechanical/Nuclear Engineer	0	07/28/92	n/a	
F-59	EOF Electrical Engineer	0	07/28/92	n/a	
F-60	Core Damage Assessor	0	07/28/92	n/a	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
F-61	Technical Advisor to State/Local Organizations	0	07/28/92	n/a	
F-62	EOF Administrative Support	0	07/28/92	n/a	
F-63	Fire Brigade Coordinator	0	07/28/92	n/a	
F-64	RAFT Liaison	0	07/28/92	n/a	
F-65	Warehouseman	1	05/17/01	n/a	
F-66	EOF Access Control Coordinator	2	05/16/01	n/a	
F-67	PASS Team Leader	1	05/24/93	n/a	
F-68	Fitness for Duty (FFD) Coordinator	0	07/28/92	n/a	
F-69	HAZMAT Team Leader	0	07/28/92	n/a	
F-70	Assistant Emergency Team Coordinator	0	07/28/92	n/a	
F-71	OSC Communicator	0	07/28/92	n/a	
F-72	OSC Support	0	10/05/93	n/a	
F-73	Mechanical Engineer	0	07/27/99	n/a	
EC-02	EMERGENCY CLASSIFICATIONS	6	04/24/98	7/1, 7/2, 7/3	01/27/99, 12/13/99, 12/20/99
EC-03	NOTIFICATION OF UNUSUAL EVENT	6	06/15/01	n/a	
EC-04	ALERT	6	06/15/01	n/a	
EC-05	SITE AREA EMERGENCY	6	06/15/01	n/a	
EC-06	GENERAL EMERGENCY	6	06/15/01	n/a	
EC-07	EMERGENCY PLAN NOTIFICATION	11	01/31/00	12/1, 12/2	01/19/01, 05/30/01

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
	F-01 State and NRC Notifications Checklist	1	01/19/01	2/1	05/31/01
EC-08	NON-ESSENTIAL PERSONNEL EVACUATION	8	07/23/00	n/a	
EC-09	SECURITY DURING EMERGENCIES	5	03/22/96	6/1, 6/2	09/21/98, 07/30/99
EC-10	PERSONNEL ACCOUNTABILITY	7	06/15/01	n/a	
EC-11	REENTRY	4	08/03/99	n/a	
EC-12	EMERGENCY TEAMS	8	10/03/00	n/a	
EC-13	REACTOR CORE DAMAGE ESTIMATION	4	09/19/97	5/1, 5/2	12/01/97, 09/28/99
EC-14	RECOVERY	3	10/21/94	4/1, 4/2, 4/3	02/08/96, 02/03/99, 12/13/99
	F-01 Recovery Checklist	0	10/21/94	n/a	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>FACILITIES AND EQUIPMENT (FE)</u>					
FE-01	TSC OPERATIONS	7	02/12/01	n/a	
FE-02	OSC OPERATIONS	6	06/09/97	7/1	07/23/99
FE-03	EOF OPERATIONS	6	04/11/01	n/a	
FE-04	BEOF OPERATIONS	6	04/11/01	n/a	
FE-05	EMERGENCY EQUIPMENT & SUPPLIES	11	05/26/97	n/a	
F-02	OSC Emergency Equipment	4	05/16/01	n/a	
F-03	EOF Emergency Equipment	4	05/16/01	n/a	
F-04	BEOF Emergency Equipment	1	05/16/01	n/a	
F-05	EOF Environmental Lab Equipment	0	04/28/92	n/a	
F-06	Emergency Vehicle Kit	0	04/28/92	n/a	
F-07	Field Monitoring Kit	2	05/16/01	n/a	
F-08	Hospital Kit	2	05/16/01	n/a	
F-09	Decontamination Kit	2	10/16/94	n/a	
F-10	TSC Administrative Supplies	4	05/16/01	n/a	
F-11	OSC Administrative Supplies	1	05/16/01	n/a	
F-12	OSC Maintenance Tool Box	3	05/16/01	n/a	
F-13	First Aid Kit (Trauma Kit)	2	05/16/01	n/a	
F-14	EOF Administrative Supplies	2	05/16/01	n/a	
F-15	BEOF Administrative Supplies	1	05/16/01	n/a	
F-16	JPIC Administrative Supplies	2	04/11/01	n/a	

STATUS REPORT

<u>NUMBER</u>	<u>EPIP TITLE</u>	<u>REVISION</u>	<u>DATE</u>	<u>ACN'S</u>	<u>ACN DATE</u>
	F-17 EOP Supply Kit	4	09/30/99	n/a	
	F-18 EOP MCR Tool Bag	1	05/16/01	n/a	
FE-06	EMERGENCY COMMUNICATIONS EQUIPMENT	5	11/07/00	n/a	

MISCELLANEOUS (MS)

MS-01	TRANSPORTATION ACCIDENTS	4	10/13/97	5/1	02/01/00
MS-03	NOTIFICATION OF NEXT OF KIN	4	01/12/96	5/1, 5/2	02/03/99, 12/13/99
MS-04	PROCESSING NRC & IDNS PERSONNEL DURING AN EMERGENCY	4	06/06/00	n/a	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>PUBLIC RELATIONS (PR)</u>					
PR-01	JOINT PUBLIC INFORMATION CENTER ORGANIZATION & STAFFING	6	02/06/97	7/1	12/13/99
F-01	JPIC Administration Coordinator Checklist	1	02/06/97	n/a	
F-02	JPIC Audiovisual Support Checklist	1	02/06/97	n/a	
F-03	JPIC Director Checklist	2	02/06/97	n/a	
F-05	JPIC Assistant Director Checklist	2	02/06/97	n/a	
F-06	JPIC Graphic Support Checklist	0	07/28/92	n/a	
F-07	JPIC Public Information Officer Checklist	2	04/11/01	n/a	
F-08	JPIC Media Coordinator Checklist	0	07/28/92	n/a	
F-09	JPIC Media Monitoring Team Checklist	0	07/28/92	n/a	
F-11	JPIC Security Representative Checklist	0	07/28/92	n/a	
F-12	JPIC Technical Advisor Checklist	0	07/28/92	n/a	
F-13	JPIC Technical Information Coordinator Checklist	0	07/28/92	n/a	
F-14	Writer Checklist	0	07/28/92	n/a	
F-15	IP PIO Steno Checklist	1	07/06/93	n/a	
F-16	JPIC Telefax Operator Checklist	0	07/28/92	n/a	

STATUS REPORT

<u>NUMBER</u>	<u>EPIP TITLE</u>	<u>REVISION</u>	<u>DATE</u>	<u>ACN'S</u>	<u>ACN DATE</u>
	F-17 JPIC Registration Staff Checklist	0	07/28/92	n/a	
PR-03	PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION	9	05/16/01	n/a	
PR-05	PUBLIC INFORMATION & EDUCATION	7	06/15/01	n/a	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>RADIOLOGICAL ASSESSMENT (RA)</u>					
RA-01	MANUAL RADIOLOGICAL DOSE ASSESSMENT	6	08/20/99	7/1	11/29/99
RA-02	PROTECTIVE ACTION RECOMMENDATIONS	4	08/20/96	5/1	01/15/99
RA-03	RADIOLOGICAL EXPOSURE GUIDELINES	5	10/13/97	n/a	
RA-04	PERSONNEL MONITORING & DECONTAMINATION	7	08/03/99	n/a	
RA-05	PERSONNEL PROTECTION	6	02/24/00	n/a	
RA-06	STATION RADIOLOGICAL SURVEYS	6	06/03/96	n/a	
RA-07	FIELD RADIOLOGICAL MONITORING	6	08/03/99	n/a	
RA-09	POST ACCIDENT SAMPLING	6	10/12/94	7/1	06/19/97
RA-11	STACK EFFLUENT ANALYSIS & SAMPLING	7	08/27/00	n/a	
RA-14	DOSE RATE DETERMINATION BASED ON ENVIRONMENTAL AIR SAMPLES	6	12/14/99	n/a	
RA-15	PREDICTIVE RELEASE RATES	6	02/18/98	n/a	
RA-16	COMPUTERIZED RADIOLOGICAL DOSE ASSESSMENT	5	08/03/99	n/a	
RA-17	RADIOLOGICAL CONTROL OF THE EOF	9	5/16/01	n/a	
RA-18	EOF ENVIRONMENTAL LAB OPERATIONS	4	08/03/99	n/a	

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 8  
PAGE: 1 of 7

TITLE: ALERT AND NOTIFICATION SYSTEM

SCOPE OF REVISION: Major revision. No rev bars used. Transferred responsibility for the testing and maintenance of the sirens to Exelon MWROG Corporate Emergency Preparedness Group.

Authority

	<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by		Wayne Helenthal	5/29/01
Security Manager		<i>Dennis Smith</i>	6/13/01
Concurrence		NA	
Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>Yu Gu</i>	6/9/01
Manager-Clinton Power Station		<i>L.J. Salas (SM)</i>	6-15-01

DOCUMENT CONTROL

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CLINTON POWER STATION

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 8  
PAGE: 2 of 7

TITLE: ALERT AND NOTIFICATION SYSTEM

1.0 INTRODUCTION

The purpose of this procedure is to provide guidance for documenting the performance of the Alert and Notification System (ANS) with respect to testing and maintenance.

2.0 RESPONSIBILITY

2.1 Exelon MWROG Corporate Emergency Preparedness Group – is responsible for:

- Maintaining the contract with Fulton Contracting Co. for the testing and maintenance of Clinton Sirens.
- Reviewing and approving all testing and maintenance performed by Fulton Contracting Co.
- Maintain the Clinton Off-Site Siren Test Plan.
- Provide the Clinton Plant Monthly Siren Availability Reports and other reports as necessary to Clinton Emergency Planning Group.

2.2 Security Manager - is responsible for the review and implementation of this procedure.

2.3 Manager-Clinton Power Station - is responsible for final approval of this procedure.

3.0 DEFINITIONS

3.1 Alert and Notification System (ANS) - The Network of high powered sirens located throughout the CPS Plume Exposure Pathway EPZ positioned in such a manner as to provide the capability for outdoor warning to members of the public in the event of an emergency at the Clinton Power Station.

3.2 Activation - The action of encoding a signal into a transmitter under the control of either the DeWitt County Sheriff or the DeWitt County Emergency Services and Disaster Agency for the purpose of sounding the ANS sirens.

3.3 Testing - The process whereby the mechanical, electrical, and/or acoustical characteristics of ANS sirens are confirmed to be fully functional and operational.

TITLE: ALERT AND NOTIFICATION SYSTEM

#### 4.0 INSTRUCTIONS

##### 4.1 General

###### 4.1.1 System Description

The Alert and Notification System (ANS) is composed of high-powered sirens which are located in DeWitt, Piatt and McLean Counties. Attachment 1, SIREN LOCATIONS, identifies the location of each of the ANS sirens.

###### 4.1.2 The ANS sirens, in different models and numbers, are manufactured by the following firms:

- Federal Signal Corporation
- Alerting Communications of America

###### 4.1.3 System Design

The design report "An Offsite Alert and Notification System for the Clinton Power Station" provides a detailed discussion of the ANS as required by Federal Emergency Management Agency (FEMA) publication FEMA-REP-10.

##### 4.2 System Activation

4.2.1 The ANS sirens are activated by an encoder and radio located in the DeWitt County Sheriff's Office, or by a computer controlled radio signal from the DeWitt County/Clinton Emergency Services and Disaster Agency Office or by the Fulton Contracting Group from Fulton Central.

4.2.2 The responsibility for the activation of ANS sirens rests with the DeWitt County Sheriff's Office or the DeWitt County Emergency Services and Disaster Agency (ESDA). No CPS employee shall perform this action except under the direct supervision and permission of the DeWitt County ESDA Coordinator or alternate.

TITLE: ALERT AND NOTIFICATION SYSTEM

4.3 Testing

4.3.1 Coordination

- a. Fulton Contracting Company under contract with the Exelon MWROG Corporate Emergency Preparedness Group shall coordinate with the DeWitt County ESDA Coordinator or alternate prior to any CPS initiation/sponsored activity which affects the functional capability of any ANS siren(s).
- b. Operability of the Alert and Notification System may be established by other test methods other than those described below if deemed appropriate by Exelon MWROG Corporate Emergency Preparedness Group and shall be documented.
- c. Results of the daily tests and monthly tests shall be forwarded to FEMA on an annual basis for their review.

4.3.2 Monthly Test

- a. The State of Illinois has a policy whereby Public Warning Systems are activated and tested on the first Tuesday of each month at 10:00 a.m. The test for the sirens surrounding the Clinton Power Station is performed at this time as follows:
  - Alert signal (steady) for 1 minute, followed by
  - 3 minutes of silence, followed by
  - Attack signal (wailing) for 1 minute.

NOTE

This policy may be changed for any month by either State or DeWitt County authorities. One common reason for either canceling or delaying the activation and testing of the ANS sirens is inclement weather in or around DeWitt County.

- b. Adequate notice shall be given to the public for tests, which occur at times other than the normal monthly test.

TITLE: ALERT AND NOTIFICATION SYSTEM

4.3.3 Daily Tests are conducted IAW the Clinton Off-Site Siren Test Plan and consists of the following:

- a. The Clinton Power Station siren system is tested on a daily basis, Monday through Friday. Command signals are sent through the various Counties' Local controllers from Fulton Central. This procedure is to verify that the Locals are working properly.
- b. Each Monday a test consisting of All Call Silent Growl is sent to all sirens. This test will "bump" the sirens and confirm that motor and motor circuits are in proper working order. It also confirms that communication between Locals and sirens are working properly. Interrogations of the sirens provide information as to output, amplifiers, A/C power and batter pass/fail.
- c. On Tuesdays through Fridays the sirens are tested with a Silent Communication test. This test confirms all of the above with the exception of motor and motor circuits. Sirens that show any kind of failure are retested to confirm failures.

4.3.4 Siren Testing Reporting

- a. The percentage of the sirens that were considered operable shall be determined after each test and documented on the Clinton Power Monthly Siren Availability Report supplied by the Exelon MWROG Corporate Emergency Preparedness Group. Operability less than 90% shall be reported to the Security Manager and the Manager-Clinton Power Station. Although not required, a test of less than 90% should also be reported to FEMA as a courtesy.
  - All daily and monthly tests will be considered for the pass/fail criteria.
  - A fail on any one parameter for any test will constitute a siren failure.
- b. The Exelon MWROG Corporate Emergency Preparedness Group shall determine if system operability warrants notification to the NRC per 10CRF50.72 and the issuance of a Condition Report.
- c. A report of the results of each daily and monthly test shall be provided to the Clinton Emergency Planning Group.

TITLE: ALERT AND NOTIFICATION SYSTEM

4.4 Maintenance and Repairs

- 4.4.1 Maintenance of ANS sirens shall be coordinated by Fulton Contracting Co. through the Exelon MRWOG Corporate Emergency Preparedness Group.
- 4.4.2 Only a qualified service representative shall service the ANS sirens as determined and directed by the Exelon MWROG Corporate Emergency Preparedness Group.
- 4.4.3 Preventive maintenance shall be scheduled once a year or as otherwise deemed appropriate by the Exelon MWROG Corporate Emergency Preparedness Group.
- 4.4.4 Maintenance problems which are detected in the ANS Siren performance shall be corrected at the earliest date possible.
- 4.4.5 Prior to the initiation of any type of maintenance on ANS sirens the Fulton Contracting Co. shall notify and coordinate with the DeWitt county ESDA Coordinator or alternate on the need and schedule for such maintenance.
- 4.4.6 Maintenance work performed on the ANS sirens shall be documented on vendor maintenance documentation.
- 4.4.7 Siren operability/maintenance shall be trended and analyzed for common failures, preventative maintenance, etc. This trending is performed by the Exelon MWROG Corporate Emergency Preparedness Group.

4.5 Documentation

- 4.5.1 Reports prepared under the provisions of this procedure shall be prepared in a timely manner.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 8  
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TITLE: ALERT AND NOTIFICATION SYSTEM

5.0 REFERENCES

1. DeWitt County Standard Operating Procedure 8-SOP-6, "Clinton Power Station EPZ Prompt Notification System."
2. CPS Emergency Plan, Sections 3.2.6 and 5.6.
3. FEMA-REP-10, "Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants" (11/85) (which was previously designated as FEMA-43).
4. "An Offsite Alert and Notification System for the Clinton Power Station".
5. 10CFR50.72, "Notification of Significant Events"

6.0 ATTACHMENTS

1. SIREN LOCATIONS

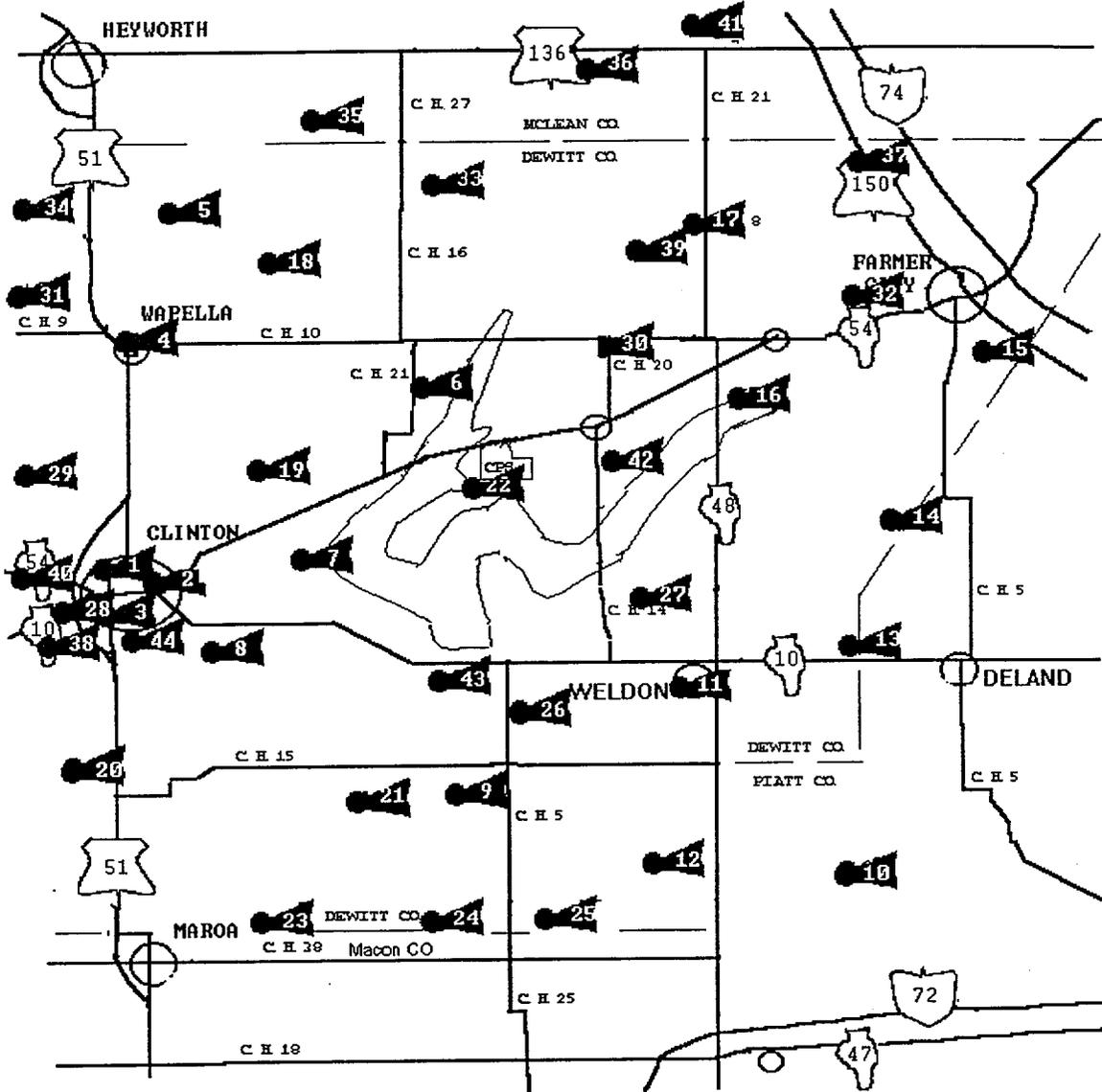
7.0 FORMS

None.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 7  
ATTACHMENT: 1  
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SIREN LOCATIONS



CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 7  
ATTACHMENT: 1  
PAGE: 2 of 5

SIREN LOCATIONS

Siren Location Number	Location Description	Type	Siren Rating at 100ft. (dBc)	Power	Service
1	Clinton: N Side of Johnson St., 2 blocks W of US Highway 51	Thunderbolt	122	30	IP
2	Clinton: S Side of South St., W of Portland St.	Thunderbolt	122	30	IP
3	Clinton: S Side of Township Rd. W of US Highway 51	Thunderbolt	122	30	IP
4	Wapella: N End of Oak St.	Thunderbeam	122	30	IP
5	On S Side of 1500 N, E of 1000 E	P-10	125	10	Cornbelt
6	On N Side of 1075 N, 1/4 mile E of 1500 E	Thunderbeam	122	10	Cornbelt
7	On W Side of 1375 E, N of 670 N	Thunderbeam	122	10	Cornbelt
8	On N Side of 500 N, W of 1120 E (NW of entrance to Weldon Springs State Park)	Thunderbeam	122	30	IP
9	On W Side of 1600 E, 1/4 mile N of 200 N	Thunderbeam	122	30	Cornbelt
10	On W Side of 300 E, 1/4 mile N of 1900 N	Thunderbeam	122	30	Cornbelt
11	Weldon: W Side of 2050 E at 475 N (by State Satelite Dish)	P-10	125	10	IP
12	W Side of 2000 E. 1/4 mile N of 100 N	P-50	132	30	Cornbelt
13	On N Side of Illinois Highway 10, 1/4 mile W of 2400 E	P-50	132	30	Cornbelt

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 7  
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PAGE: 3 of 5

SIREN LOCATIONS

Siren Location Number	Location Description	Type	Siren Rating at 100ft. (dBc)	Power	Service
14	On S Side of 800 N, W of 2500 E	P-10	125	10	Cornbelt
15	W side of 2550 E, three Spans N of 1000 N	P-10	125	10	IP
16	W Side of Illinois Highway 48 (2100 E) 1/2 mile N of 900 N (North of Clinton Bridge)	P-50	132	30	Cornbelt
17	S Side of 1500 N, 2 Spans W of DeWitt Co. Highway 8 (2100E)	P-50	132	30	Cornbelt
18	W Side of 1300 E, 3/8 mile S of 1400 N	P-50	132	30	Cornbelt
19	N side of 900 N, E of T Intersection of 1150 E With 900 N	P-50	132	30	Cornbelt
20	On S Side of 290 N, E of 830 E	P-50	132	30	Cornbelt
21	On E Side of 1300 E, Four Spans S of 300 N (DeWitt Co. Highway 15)	P-50	132	30	Cornbelt
22	On W Side of 1600 E, One Span S of 750 N	P-50	132	30	IP
23	On N Side of 000 N (Baseline Rd.), 1/2 mile W of 1200 E	P-10	125	10	Cornbelt
24	On N Side of 000 N (Baseline Rd.), 4/10 mile W of 1500 E	P-10	125	10	Cornbelt
25	(On N Side of 000 N (Baseline Rd.), E of 1700 E	P-10	125	10	Cornbelt

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 7  
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SIREN LOCATIONS

Siren Location Number	Location Description	Type	Siren Rating at 100ft. (dBc)	Power	Service
26	On SE Corner of 400 N and 1700 E	P-10	125	30	Cornbelt
27	On N Side of 600 N, 1/4 mile W of 2000 E	P-10	125	30	Cornbelt
28	On S Side of 650 N, 4/10 mile W of 825 E	P-10	125	30	Cornbelt
29	On S Side of 1000 N, 3/10 mile W of 800 E	P-10	125	10	Cornbelt
30	On E Side of 1775 E, 1/4 mile S of 1200 N	P-10	125	30	Cornbelt
31	On 700 E, 7/10 mile S of 1400 N	P-10	125	10	CILCO
32	On N Side of 1300 N, 2/10 mile W of 2400 E	P-10	125	10	Cornbelt
33	On S Side of 1500 N, 1/4 mile W of 1600 E	P-10	125	10	Cornbelt
34	On S Side of 1500 N, 250 feet W of 700 E	P-10	125	10	CILCO
35	On S Side of 0100 N, 1/2 mile E of 1900 E	P-10	125	10	Cornbelt
36	On E Side of 2350 E, 1/2 mile N of 0100 N	P-10	125	10	Cornbelt
37	On E Side of 2950 E, at T Intersection of 0050 N	P-10	125	10	Cornbelt

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: AP-07  
REVISION: 7  
ATTACHMENT: 1  
PAGE: 5 of 5

SIREN LOCATIONS

Siren Location Number	Location Description	Type	Siren Rating at 100ft. (dBc)	Power	Service
38	On N Side of 500 N, 4/10 mile E of 700 E	P-10	125	10	Cornbelt
39	On W Side of 1925 E at 1450 N	P-10	125	10	Cornbelt
40	On S Side of 1925 E at 1450 N	Thunderbeam	122	10	Cornbelt
41	On N Side of 0200 N (US 136), 1/2 mile West of 2700 E (McLean Co. Hwy 21)	Thunderbeam	122	30	Cornbelt
42	DeWitt: SE Corner of Park	Banshee	115	30	IP
43	Lane: N Edge of Village E Side of Walnut St.	Banshee	115	30	IP
44	Clinton: NE Corner Parking Lot Revere Ware Corp.	Model 2	102	10	IP

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 2  
REVISION: 5 <sup>11/14</sup>  
PAGE: 1 of ~~10~~ <sup>9.2-01</sup>

TITLE: STATION EMERGENCY DIRECTOR (SED)

SCOPE OF REVISION: Revised to add the responsibility to provide the State REAC Commander with hourly updates. Added Command & Control Turnover Briefing Form.

Authority

	<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by		Greg Birk	5/18/01
Security Manager		<i>James Smith</i>	6/13/01
Concurrence		NA	
Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>Yan</i>	6/19/01
Manager-Clinton Power Station		<i>R. J. ...</i>	6-15-01

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CLINTON POWER STATION

TITLE: STATION EMERGENCY DIRECTOR (SED)

Activation Level: ALERT or more severe

Location: Technical Support Center

**Position Description:**

The Station Emergency Director (SED), shall relieve the Shift Manager of the duties of Interim Station Emergency Director. The Station Emergency Director may receive command authority and be responsible for those items listed on Attachment 2, COMMAND AUTHORITY RESPONSIBILITIES.

The Station Emergency Director is responsible for supervising the Station Emergency Response Organizations efforts. The SED shall also ensure necessary station security measures are in effect. The SED is also the primary decisionmaker for Severe Accident Management.

**Duties:**

In addition to command authority responsibilities, the duties of the Station Emergency Director are:

1. Prior to assuming command authority, ensure a thorough briefing on plant status as well as emergency teams previously dispatched to the field, is received from the Interim Station Emergency Director (ISED).
2. Request support from State and local offsite agencies, as needed.
3. Ensure notifications have begun per EPIP EC-07, EMERGENCY PLAN NOTIFICATION.
4. Oversee the dispatch of radiation monitoring teams dispatched onsite or offsite initially. Delegate overall team supervision to the TSC Radiological Supervisor. Responsibility for offsite teams transfers to the EOF once the Emergency Manager assumes command authority.
5. Initiate personnel accountability, including contract personnel and visitors per EC-10, PERSONNEL ACCOUNTABILITY as necessary.
6. Direct or act as liaison between CPS and offsite agencies operating within the immediate Site vicinity.
7. Maintain communication with the Emergency Manager as to the status of the emergency and response actions.
8. Implement recovery and restoration efforts as situations dictate.
9. Ensure that a record is maintained of major emergency related activities and data within the Station Emergency Response Organization's scope of responsibility.
10. Receive command authority from the Emergency Manager in the event he becomes unavailable and until an alternate arrives.
11. Provide the State REAC Commander with hourly updates.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 2  
REVISION: 5  
PAGE: 3 of 11

TITLE: STATION EMERGENCY DIRECTOR (SED)

ALL

Page 1 of 1

Initials

**A. Facility Activation**

- |  |
|--|
| 1. Brief the TSC staff as soon as practicable and instruct them to:<br><br>a. review their procedures<br>b. initiate their checklists<br>c. relieve the MCR of the appropriate responsibilities. |
|--|

\_\_\_\_\_  
/ Time

- |   |
|---|
| 2. Contact the Interim Station Emergency Director and receive briefing. Complete Command & Control Turnover Briefing Form on page 11. |
|---|

\_\_\_\_\_

- |  |
|--|
| 3. Verify Key Positions are filled and assume Command Authority, as appropriate. |
|--|

\_\_\_\_\_

- |  |
|--|
| 4. Direct the MCR to announce the change in Command Authority to the Protected Area via Gai-tronics. |
|--|

\_\_\_\_\_

- |   |
|---|
| 5. Direct Security to notify personnel in the Owner Controlled Area of the change in Command Authority via the OCA Notification System. |
|---|

\_\_\_\_\_

- |   |
|---|
| 6. Verify with the TSC Administrative Supervisor that the State and NRC (Reference: EC-07, EMERGENCY PLAN NOTIFICATION) have been notified. |
|---|

\_\_\_\_\_

NOTE

Continue on to section corresponding to current classification:

TITLE: STATION EMERGENCY DIRECTOR (SED)

ALERT

Page 1 of 1

Initials

**A. Actions**

- |   |
|---|
| <p>1. Provide status updates (including priorities of equipment repair and stressing 3 part communication) to site personnel, including:</p> <ul style="list-style-type: none"><li>a. the MCR, TSC, OSC and EOF</li><li>b. the Protected Area via Gai-tronics</li><li>c. the Owner Controlled Area via the OCA Notification System.</li></ul> |
|---|

/

\_\_\_\_\_  
Time

**B. Change in Emergency Classification**

- |  |
|--|
| <p>1. Enter the checklist for the appropriate new emergency classification. If plant and/or offsite conditions improve to a point where continued implementation of the CPS Emergency Plan is no longer required, enter the checklist for termination of the emergency</p> |
|--|

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: STATION EMERGENCY DIRECTOR (SED)  
SITE AREA EMERGENCY

Page 1 of 2

Initials

**A. Actions**

1. Direct the MCR to announce the SITE AREA EMERGENCY and non-essential personnel assembly in the Protected Area via Gai-tronics. **NOTE:** Consider any potential hazards when selecting routes to and or onsite assembly areas and any potential hazards at the onsite assembly areas.

/ \_\_\_\_\_  
Time

2. Direct Security to:

- a. activate the ERO Notification System and the OCA Notification System for a SITE AREA EMERGENCY (Reference: EC-07, EMERGENCY PLAN NOTIFICATION).
- b. implement Site Access Control (Reference: EC-09, SECURITY DURING EMERGENCIES).
- c. implement Personnel Accountability (Reference: EC-10 PERSONNEL ACCOUNTABILITY).

3. If conditions exist which may result in upgrading to a General Emergency, consider recommending evacuation of the peninsula area (e.g. area southwest of the plant which is only accessible through entry road to CPS).

4. When accountability is complete, order evacuation of non-essential personnel from the site.

Select exit routes and destination, then direct a Site Evacuation: Direct the MCR to announce an evacuation from the Protected Area via Gai-tronics.

5. Continue with the following responsibilities as appropriate until relieved of them:

- a. notifications to offsite authorities
- b. communications and support requests to offsite authorities
- c. emergency response organization mobilization
- d. emergency re-classification
- e. dose assessment/re-assessment
- f. coordination of offsite support to the Station
- g. providing emergency information to CPS Communication personnel or to the JPIC
- h. Overall command of CPS Emergency Response activities.

TITLE: STATION EMERGENCY DIRECTOR (SED)

SITE AREA EMERGENCY

Page 2 of 2

Initials

**B. Transfer of Command Authority**

1. Direct the transfer of the following responsibilities to the EOF once it is activated:
- a. offsite notifications, communications, support and coordination
  - b. emergency reclassification
  - c. offsite dose assessment
  - d. making protective action recommendations
  - e. providing emergency information for release to the media.

\_\_\_\_\_

2. Provide status updates (including priorities of equipment repair and stressing 3 part communication) to site personnel, including:
- a. MCR, TSC, OSC and EOF
  - b. the protected area via Gai-Tronics
  - c. the owner controlled area via OCA Notification System (Contact Security).

\_\_\_\_\_

**C. Change in Emergency Classification**

1. Enter the checklist for the appropriate new emergency classification. If plant and/or offsite conditions improve to a point where continued implementation of the CPS Emergency Plan is no longer required, enter the checklist for termination or recovery, whichever is appropriate

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: STATION EMERGENCY DIRECTOR (SED)

GENERAL EMERGENCY

Page 1 of 2

Initials

**A. Actions**

1. Direct the MCR to announce a GENERAL EMERGENCY to the Protected Area via Gai-tronics.

\_\_\_\_\_  
/\_\_\_\_\_  
Time

2. Direct Security to:

- a. activate the ERO Notification System and the OCA Notification System for a GENERAL EMERGENCY (Reference: EC-07, EMERGENCY PLAN NOTIFICATION).
- b. implement Site Access Control (Reference: EC-09, SECURITY DURING EMERGENCIES).
- c. implement Personnel Accountability (Reference: EC-10 PERSONNEL ACCOUNTABILITY).

3. Direct evacuation of the peninsula area if not started (e.g. area southwest of the plant which is only accessible through entry road to CPS).

4. When accountability is complete, order evacuation of non-essential personnel from the site.

Select exit routes and destination, then direct a Site Evacuation: Direct the MCR to announce an evacuation from the Protected Area via Gai-tronics.

**B. Transfer of Command Authority**

1. Direct the transfer of the following responsibilities to the EOF once it is activated:
- a. offsite notifications, communications, support and coordination
  - b. emergency reclassification
  - c. offsite dose assessment
  - d. making protective action recommendations
  - e. providing emergency information for release to the media.

2. Provide status updates (including priorities of equipment repair and stressing 3 part communication) to site personnel, including:
- a. MCR, TSC, OSC and EOF
  - b. the protected area via Gai-Tronics
  - c. the owner controlled area via OCA Notification System (Contact Security).

TITLE: STATION EMERGENCY DIRECTOR (SED)

GENERAL EMERGENCY

Page 2 of 2

Initials

**C. Change in Emergency Classification**

1. If conditions warrant the termination of the GENERAL EMERGENCY, enter the Recovery Checklist. (NOTE: Do not de-escalate the GENERAL EMERGENCY to a less severe emergency classification, implement Recovery).

\_\_\_\_\_

**D. Severe Accident Management**

1. Upon exiting the EOP's and transitioning to the SAG's, make an announcement to the TSC that the SAG's are being entered.

\_\_\_\_\_

2. If the SAG's have been entered prior to receiving Command Authority, include in initial briefing this information.

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: STATION EMERGENCY DIRECTOR (SED)

RECOVERY FROM GENERAL EMERGENCY Page 1 of 1

Initials

If command authority has not been transferred to the Emergency Manager:

**A. Actions**

1. Once the GENERAL EMERGENCY has been terminated, obtain concurrence of the NRC and Illinois EMA for entering the Recovery phase.

\_\_\_\_\_  
/\_\_\_\_\_  
Time

2. Once concurrence is obtained implement Recovery operations per EC-14, RECOVERY.

\_\_\_\_\_

3. Notify each of the above agencies of the date and time of implementing RECOVERY.

\_\_\_\_\_

4. Declare the emergency terminated and direct the Administrative Supervisor to have the MCR announce RECOVERY to the Protected Area via Gai-tronics

\_\_\_\_\_

5. Direct Security to announce RECOVERY to the Owner Controlled Area via the OCA Notification System.

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: STATION EMERGENCY DIRECTOR (SED)

TERMINATION

Page 1 of 1

Initials

Enter the checklist for Recovery if emergency classification was a GENERAL EMERGENCY.

If command authority has not been transferred to the Emergency Manager:

**A. Actions**

1. Once termination of the emergency is appropriate, determine the level of Supervisory/Management personnel necessary to efficiently deactivate emergency response activities and to maintain clean-up activities.

\_\_\_\_\_

2. Notify those personnel of your intention to terminate the emergency. Instruct the Supervisory/Management personnel to assign a minimum of their staffs, if any, to termination activities once you declare the emergency terminated and maintain the personnel at their duty stations for further instructions.

\_\_\_\_\_

3. Declare the emergency terminated and direct the Administrative Supervisor to have the MCR announce the TERMINATION to the Protected Area via Gai-tronics.

\_\_\_\_\_

4. Direct Security to announce the TERMINATION to the Owner Controlled Area via the OCA Notification System.

\_\_\_\_\_

5. Direct notification to the Nuclear Regulatory Commission and Illinois EMA that the emergency has been terminated. Coordinate this with the SED and Emergency Manager, if the TSC and/or EOF are activated.

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: STATION EMERGENCY DIRECTOR (SED)

COMMAND & CONTROL  
TURNOVER BRIEFING FORM

1. Current Classification EAL: \_\_\_\_\_ Time: \_\_\_\_\_ Unit: \_\_\_\_\_  
Conditions met to determine this classification: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. Offsite Notification made:  
Latest NARS: Utility Message #: \_\_\_\_\_ Time: \_\_\_\_\_  
State Message # \_\_\_\_\_ Time: \_\_\_\_\_  
Latest ENS Time: \_\_\_\_\_ Continuous Communications? (Yes/No)
3. Is the relieving facility at minimum staffing briefed on the event and capable of performing the following non-delegable functions? (YES/NO)
  - a. Classify events? (Yes/No)
  - b. Determine PAR's and make notifications? (Yes/No)
  - c. Authorize exposures beyond 10CFR20 limits? (Yes/No)
  - d. Authorize the use of Thyroid Blocking Agents? (Yes/No)
4. Upon transfer of Command and Control, the following will be performed by (circle one):
  - a. NARS (CR/TSC/EOF)
  - b. ENS (CR/TSC/EOF)
  - c. HPN (CR/TSC/EOF)
  - d. Environs Teams (TES/EOF)
5. Other pertinent information: Release Occurring (Yes/No)  
ERDS Activated (Yes/No) Rad Concerns (Yes/No)  
In-Plant Teams (Yes/No) Offsite Assistance Requested (Yes/No)  
Assembly (Yes/No) Evacuation (Yes/No)  
\_\_\_\_\_  
\_\_\_\_\_
6. (TSC/EOF) ready to receive Command and Control? (Yes/No)
7. Command and Control transferred to (TSC/EOF) at \_\_\_\_\_ (time).
8. The TSC shall notify Control Room, TSC and OSC personnel of the transfer. The EOF shall notify EOF, State and NRC personnel of the transfer.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 3  
REVISION: 2  
PAGE: 1 of 2

TITLE: SED ADMINISTRATIVE SUPPORT

SCOPE OF REVISION: Revised to remove reference to Illinois Power and added a responsibility to inform the Station Emergency Director of State REAC Commander updates.

Authority

	<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by		Greg Birk	5/18/01
Security Manager		<i>Donus Smith</i>	6/13/01
Concurrence		NA	
Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>Yan</i>	5/29/01
Manager-Clinton Power Station		<i>R. J. Swaleson</i> (SOP)	6-15-01

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CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 3  
REVISION: 2  
PAGE: 2 of 2

Activation Level: ALERT or more severe

---

Location: Technical Support Center

---

Position Description:

The SED Administrative Support provides dedicated personnel for the Station Emergency Director to record key events and decisions and to answer the telephone as necessary.

---

Duties:

1. Answer the Station Emergency Director's telephone, as necessary.
2. Maintain a log of key decisions and events for the Station Emergency Director.
3. Remind the Station Emergency Director (SED) to conduct Facility briefings every 30 minutes unless conditions have stabilized. Briefing should be documented.
4. Remind the SED to make periodic announcements concerning the emergency at least every hour. (Only when SED has command authority).
5. Perform other duties as directed by the Station Emergency Director.
6. Inform the SED that it has been 45 minutes since the last notification to the State so that he can initiate a call to the State REAC Commander and provide them with an update.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 28  
REVISION: 3  
PAGE: 1 of 14

TITLE: EMERGENCY MANAGER

SCOPE OF REVISION: Revised to add the responsibility to provide the State REAC Commander with hourly updates. Removed reference to Illinois Power and the Headquarters Support Organization. Added Command & Control turnover Briefing Form. Incorporated ACN 3/1.

Authority

	<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by		Greg Birk	5/18/01
Security Manager		<i>James Smith</i>	6/13/01
Concurrence		NA	
Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>[Signature]</i>	6/6/01
Manager-Clinton Power Station		<i>[Signature]</i>	6-15-01

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EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 28  
REVISION: 3  
PAGE: 2 of 14

TITLE: EMERGENCY MANAGER

Activation Level: SITE AREA EMERGENCY or more

Location: Emergency Operations Facility

Position Description:

The Emergency Manager is responsible for the overall coordination of emergency related activities, including the actions of the Station Emergency Response Organization, and the Joint Public Information Center Organization.

Duties:

In addition to the command authority responsibilities the Emergency Manager shall assume the following responsibilities:

1. Establish and maintain communications with the Station Emergency Director.
2. Oversee measures being taken to alleviate the accident conditions, to protect Station personnel and the public, to minimize damage to the Station, and to effect post-accident re-entry and recovery.
3. Request assistance from State and local emergency response organizations and from offsite support groups, e.g., NSSS vendor, the A/E, INPO, and other organizations, as required.
4. Coordinate activities between onsite and offsite groups.
5. Serve as liaison between the CPS Emergency Response Organization and other executive officers.
6. Ensure that members of the CPS Emergency Response Organization and offsite support organizations are informed that a recovery operation is to be initiated and of any changes in the organizational structure that may occur.
7. Maintain a record of major emergency related activities and data.
8. Provide the State REAC Commander with hourly updates.

TITLE: EMERGENCY MANAGER

Checklist:

**ACTIVATING AT A  
SITE AREA EMERGENCY**

Page 1 of 1

Initials

1. Receive briefing from Station Emergency Director and/or the Individual with Command Authority. Complete Command & Control Turnover Briefing Form (page 14)

\_\_\_\_\_

2. Receive report that EOF is operational from EOF Director.

\_\_\_\_\_

3. Receive command authority

\_\_\_\_\_

4. Perform an initial briefing for key staff personnel as soon as practicable (include priorities for equipment repair and stressing 3 part communication).

\_\_\_\_\_

5. Review EC-01, Attachment 2, COMMAND AUTHORITY RESPONSIBILITIES.

\_\_\_\_\_

**NOTE:**

If conditions exist which may result in upgrading to a General Emergency, consider recommending evacuation of the peninsula area (eg, area southwest of the plant which is only accessible through entry road to CPS).

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

UPGRADE TO GENERAL EMERGENCY

Page 1 of 1

Initials

- |   |       |
|---|-------|
| 1. When advised of the need to change the emergency classification to General Emergency, ensure a protective action recommendation is developed.  | _____ |
| 2. Contact the SED, time permitting, to discuss the classification change.  | _____ |
| 3. Review the classification change and protective action recommendation, time permitting, with the following agency Representatives if present in the EOF. <ul style="list-style-type: none"><li>◦ Illinois Department of Nuclear Safety</li><li>◦ Illinois Emergency Management Agency</li><li>◦ Nuclear Regulatory Commission</li></ul>  | _____ |
| 4. Declare the GENERAL EMERGENCY AND direct issuance of the NARS form and ENS form with the General Emergency classification and the Protective Action Recommendation.  | _____ |
| 5. Inform the following that the recommendation for protective actions and the General Emergency classification have been issued: <ul style="list-style-type: none"><li>◦ EOF Staff</li><li>◦ Station Emergency Director</li><li>◦ IEMA Director in the State EOC</li><li>◦ JPIC Director</li><li>◦ NRC Director of Site Operations if present onsite.</li></ul>  | _____ |
| 6. Call a staff briefing of key personnel and IDNS, IEMA, and NRC Representatives (if present) to discuss the following: <ul style="list-style-type: none"><li>• Current assessment of plant status and prognosis of situation</li><li>• Potential for further protective actions for the public</li><li>• Course of action for the EOF staff and problems requiring special attention by the EOF</li></ul> | _____ |

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

**ACTIVATING AT A  
GENERAL EMERGENCY**

Page 1 of 1

Initials

- |   |       |
|---|-------|
| 1. Receive briefing from Station Emergency Director and/or the Individual with Command Authority.   | _____ |
| 2. Receive report that EOF is operational from EOF Director.  | _____ |
| 3. Receive command authority  | _____ |
| 4. Perform an initial briefing for key staff personnel as soon as practicable (include priorities for equipment repair and stressing 3 part communication). | _____ |
| 5. Review EC-01, Attachment 2, COMMAND AUTHORITY RESPONSIBILITIES.  | _____ |

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

CHANGE IN PROTECTIVE ACTION  
RECOMMENDATIONS

Page 1 of 1

Initials

1. When advised of the need to change the protective action recommendation, review any current recommendations.

\_\_\_\_\_

3. Review the proposed recommendation change, time permitting with the following agency Representatives if present in the EOF.

- Illinois Department of Nuclear Safety
- Illinois Emergency Management Agency
- Nuclear Regulatory Commission

\_\_\_\_\_

4. Direct issuance of the NARS form and ENS form with the new protective action recommendation.

\_\_\_\_\_

5. Inform the following of the recommendation for protective actions issued:

- EOF staff
- Station Emergency Director
- IEMA Director in the State EOC
- JPIC Director
- NRC Director of Site Operations if present onsite.

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

REQUEST TO EXCEED 10CFR20 LIMITS

Page 1 of 1

Initials

- |  |       |
|--|-------|
| 1. If requested to authorize personnel to exceed 10CFR20, review RA-03, Att. 1 (NOTE: life saving or immediate action situations may require immediate verbal authorization with Att. 1 completion to follow). | _____ |
| 2. Review RA-03, section 4, time permitting, to ensure proper exposure considerations are being made.  | _____ |
| 3. Approve or deny request and document action on authorization form.  | _____ |

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

REQUEST TO ISSUE POTASSIUM IODIDE Page 1 of 1  
(KI)

Initials

- |   |       |
|---|-------|
| 1. If requested for authorization to issue KI, review the situation with the requesting person. | _____ |
| 2. Review the KI Issue Record.  | _____ |
| 3. Approve or deny request and document action in log.  | _____ |

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

DE-ESCALATING EMERGENCY  
CLASSIFICATION FROM SITE AREA OR  
LOWER CLASSIFICATIONS

Page 1 of 1

Initials

1. If advised while at Site Area or lower emergency classification that reactor conditions have stabilized and de-escalation to a lower classification can be initiated, review the NARS form.

\_\_\_\_\_

2. Direct issuance of the NARS form and ENS form with the new classification.

\_\_\_\_\_

3. Inform the following of the new emergency classification.

- o EOF Staff
- o Station Emergency Director
- o IEMA Director in the State EOC
- o JPIC Director
- o NRC Director of Site Operations if present onsite.

\_\_\_\_\_

4. If conditions allow for termination of the emergency condition, proceed to the Termination section.

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

GENERAL EMERGENCY  
CLASSIFICATION TO RECOVERY

Page 1 of 1

Initials

- |  |       |
|--|-------|
| 1. If advised while at General Emergency that that reactor conditions have stabilized and entry into "Recovery" can be initiated, revise the NARS form.  | _____ |
| 2. Consult with State and NRC representatives and obtain concurrence on the change in classification.  | _____ |
| 3. Direct issuance of the NARS form (from the EOF and NRC form (from the TSC unless transferred to EOF) with "Recovery" indicated.   | _____ |
| 4. Inform the following of the change in emergency classification. <ul style="list-style-type: none"><li>o EOF Staff</li><li>o Station Emergency Director</li><li>o EMA Director in the State EOC</li><li>o JPIC Director</li><li>o NRC Director of Site Operations if present onsite.</li></ul> | _____ |
| 5. Proceed to Recovery Section.  | _____ |

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

RECOVERY

Page 1 of 2

Initials

- 1. Criteria for entering recovery phase is met.
  - a. Radiation levels are stable or decreasing with time;
  - b. Abnormal radiological release is no longer in progress;
  - c. Fire, flood or similar emergency conditions no longer constitute a hazard to the station or personnel;
  - d. Equipment malfunctions have been corrected or compensating measures have been implemented;
  - e. Reactor and associated systems are in a safe stable condition;
  - f. Drywell pressure is at normal levels.

\_\_\_\_\_

- 2. Appropriate recovery staff is available and has been identified.

\_\_\_\_\_

- 3. If the Governor of Illinois has declared a "State of Emergency", consult with the Governor/designee prior to entering the recovery phase.

\_\_\_\_\_

- 4. The NRC and the State of Illinois concur in the decision to enter the recovery phase.

\_\_\_\_\_

- 5. Announce that the Recovery Phase has been entered and the Emergency Manager has assumed the position of Recovery Manager. Ensure that the other Emergency Response Facilities are told of the change in classification and that the appropriate notifications are made.

\_\_\_\_\_

ONGOING ACTIONS:

- 1. Assess personnel needs and determine if changes to the organization are warranted, including the need for outside assistance.

\_\_\_\_\_

- 2. Deactivate emergency response facilities as necessary.

\_\_\_\_\_

TITLE: EMERGENCY MANAGER

Checklist:

RECOVERY

Page 2 of 2

Initials

3. Notify the proper authorities and facilities of changes in the organization and facilities manned.

\_\_\_\_\_

4. Ensure the following activities are performed/coordinated:

- a. Determine if any special deviations from normal plant radiological programs, procedures, or NRC requirements relating to RP controls are needed;
- b. Determine the total man-rem dose received by station personnel;
- c. Assist the state in determining the estimated total population dose;
- d. Initiate an expanded environmental monitoring program;
- e. Maintain dose assessment activities during radiological release(s) and review/revise PARs as appropriate.

\_\_\_\_\_

5. For each item on the corrective action list:

- a. Assign a project manager;
- b. Develop a schedule of activities
- c. Develop manpower requirements;
- d. Develop equipment/parts list;
- e. Provide estimated budget;
- f. Establish priority level.

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

Checklist:

TERMINATION

Page 1 of 1

Initials

- |  |
|--|
| 1. Document actions taken by CPS relating to the emergency condition.<br>Collect all logs, forms, and other documentation. |
|--|

\_\_\_\_\_

Performed By: \_\_\_\_\_ / \_\_\_\_\_  
Name Date

TITLE: EMERGENCY MANAGER

COMMAND & CONTROL  
TURNOVER BRIEFING FORM

1. Current Classification EAL: \_\_\_\_\_ Time: \_\_\_\_\_ Unit: \_\_\_\_\_  
Conditions met to determine this classification: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Offsite Notification made:  
Latest NARS: Utility Message #: \_\_\_\_\_ Time: \_\_\_\_\_  
State Message # \_\_\_\_\_ Time: \_\_\_\_\_  
Latest ENS Time: \_\_\_\_\_ Continuous Communications? (Yes/No)

3. Is the relieving facility at minimum staffing briefed on the event and capable of performing the following non-delegable functions? (YES/NO)  
a. Classify events? (Yes/No)  
b. Determine PAR's and make notifications? (Yes/No)  
c. Authorize exposures beyond 10CFR20 limits? (Yes/No)  
d. Authorize the use of Thyroid Blocking Agents? (Yes/No)

4. Upon transfer of Command and Control, the following will be performed by (circle one):  
a. NARS (CR/TSC/EOF)  
b. ENS (CR/TSC/EOF)  
c. HPN (CR/TSC/EOF)  
d. Environs Teams (TSC/EOF)

5. Other pertinent information: Release Occurring (Yes/No)  
ERDS Activated (Yes/No) Rad Concerns (Yes/No)  
In-Plant Teams (Yes/No) Offsite Assistance Requested (Yes/No)  
Assembly (Yes/No) Evacuation (Yes/No)  
\_\_\_\_\_  
\_\_\_\_\_

6. (TSC/EOF) ready to receive Command and Control? (Yes/No)  
7. Command and Control transferred to (TSC/EOF) at \_\_\_\_\_ (time).  
8. The TSC shall notify Control Room, TSC and OSC personnel of the transfer. The EOF shall notify EOF, State and NRC personnel of the transfer.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 31  
REVISION: 2  
PAGE: 1 of 2

TITLE: EXECUTIVE ADMINISTRATIVE SUPPORT

SCOPE OF REVISION: Revised to remove reference to Illinois Power and added a responsibility to inform the Emergency Manager of State REAC Commander updates.

Authority

	<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by		Greg Birk	5/18/01
Security Manager		<i>Thomas Smith</i>	6/13/01
Concurrence		NA	
Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>Ken Cox</i>	5/29/01
Manager-Clinton Power Station		<i>L.J. Swaleson (SM)</i>	6-15-01

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CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-01  
FORM: 31  
REVISION: 2  
PAGE: 2 of 2

TITLE: EXECUTIVE ADMINISTRATIVE SUPPORT

Activation Level: SITE AREA EMERGENCY or more severe

Location: Emergency Operations Facility

Position Description:

The Executive Administrative Support records key events and decisions, and answers the telephone as necessary for the Emergency Manager.

Duties:

1. Answer the Emergency Manager's telephone, as necessary.
2. Maintain a log of key decisions and events for the Emergency Manager.
3. Remind the Emergency Manager to conduct a facility briefing every 30 minutes unless conditions have stabilized. Briefings should be documented.
4. Perform other duties as directed by the Emergency Manager.
5. Inform the Emergency Manager that it has been 45 minutes since the last notification to the State so that he can initiate a call to the State REAC Commander and provide them with an update.

TITLE: NOTIFICATION OF UNUSUAL EVENT

SCOPE OF REVISION: Corrected titles due to organizational changes. Deleted references to Illinois Power. Changed section 4.1.2 from "follow with a short statement describing the event, if appropriate, and repeat", to "follow with a simple description of the event, (ie; reason for the classification), and repeat". This revision incorporates ACN 6/1.

Authority

	<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by		Greg Birk	5/30/01
Security Manager		<i>Donus Smith</i>	6/13/01
Concurrence		NA	
Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>John Er</i>	6/12/01
Manager-Clinton Power Station		<i>H. L. Aralesan (for)</i>	6-15-01

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TITLE: NOTIFICATION OF UNUSUAL EVENT

## 1.0 INTRODUCTION

This procedure describes the actions to be taken in response to a NOTIFICATION OF UNUSUAL EVENT emergency classification.

## 2.0 RESPONSIBILITY

2.1 Shift Manager - who initially has Command Authority is responsible for declaring a NOTIFICATION OF UNUSUAL EVENT emergency classification and making the necessary notifications.

2.2 Security Manager - is responsible for review of this procedure.

2.3 Manager-Clinton Power Station - is responsible for the approval of this procedure.

## 3.0 DEFINITIONS

NOTIFICATION OF UNUSUAL EVENT - An occurrence or series of occurrences which indicate a potential degradation of the level of safety of the Station. No release of radioactive materials requiring offsite response are expected unless further degradation of safety systems occurs.

## 4.0 INSTRUCTIONS

### 4.1 Main Control Room (MCR) Personnel

4.1.1 In conformance with operating procedures initiate actions to place the reactor in a safe condition if events dictate.

4.1.2 Sound the Plant General Purpose Alarm

### AND

Use the Station-wide public address system and announce a statement similar to the following:

"ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL. A NOTIFICATION OF AN UNUSUAL EVENT HAS BEEN DECLARED. REPEAT, A NOTIFICATION OF AN UNUSUAL EVENT HAS BEEN DECLARED."

### AND

Follow with a simple description of the event, (ie; reason for the classification), and repeat.

TITLE: NOTIFICATION OF UNUSUAL EVENT

4.1.3 Initiate EC-07, EMERGENCY PLAN NOTIFICATION.

4.1.4 Use instrumentation and information available to learn the extent and assess the consequences of the emergency, if any.

4.1.5 The Shift Manager shall assume the responsibilities of the Station Emergency Director until relieved by one of the designated personnel from the Emergency Response Organization.

4.1.6 Provide periodic status updates to personnel over public address until the emergency is terminated.

4.2 Interim Station Emergency Director

4.2.1 IF Prudent evacuation of any onsite area is necessary.

THEN Direct this evacuation per EC-08, NON-ESSENTIAL PERSONNEL EVACUATION.

4.2.2 Ensure that immediate medical attention is given to any injuries, especially those that may require transportation to an offsite medical facility (notifying ambulance, hospital, etc per EC-07, EMERGENCY PLAN NOTIFICATION).

4.2.3 Provide information on plant status and recovery activities to JPIC personnel. Periodic release of information will be made as delineated in PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION.

4.2.4 Direct actions to mitigate the event.

4.2.5 Aid other MCR personnel in preparing notification messages, if required.

4.2.6 IF Situation continues to degrade

Then Be prepared to upgrade the emergency classification. Return to EC-02, EMERGENCY CLASSIFICATIONS and follow the procedure anew.

4.2.7 If required, the Interim Station Emergency Director should designate additional personnel to respond with the necessary equipment to mitigate the emergency.

NOTE

To aid in coordinating responses, the Interim Station Emergency Director who has Command Authority may elect to use and/or formally activate any or all Emergency Response Facilities (see appropriate facility operation procedure). If either the TSC or OSC is requested to be activated, both shall be activated.

TITLE: NOTIFICATION OF UNUSUAL EVENT

4.2.8 The Interim Station Emergency Director should ensure that personnel protection measures are taken which include implementation of the following:

4.2.8.1 RA-05, PERSONNEL PROTECTION

4.2.8.2 RA-04, PERSONNEL MONITORING AND DECONTAMINATION

4.2.8.3 EC-11, REENTRY

4.2.9 When conditions sustaining the NOTIFICATION OF UNUSUAL EVENT have been mitigated, the Interim Station Emergency Director who has Command Authority may terminate the emergency. Notification of this action is required per EC-07, EMERGENCY PLAN NOTIFICATION.

4.2.10 Once the emergency is terminated, the individuals who had Command Authority should ensure that the necessary documentation of the emergency is completed.

#### 4.3 Station Personnel (at scene)

4.3.1 Persons discovering an emergency condition should immediately notify the Main Control Room (MCR) by the most expeditious means available describing the type and extent of the emergency, number and extent of injuries (if applicable) and the need for additional measures for emergency response.

4.3.2 Non-essential personnel should evacuate from the scene of the emergency in accordance with EC-08, NON-ESSENTIAL PERSONNEL EVACUATION.

4.3.3 Once the scene of an emergency has been evacuated, no one should enter the affected area without direction from the Interim Station Emergency Director.

#### 4.4 Other Station Personnel

4.4.1 The following actions should be implemented by non-essential personnel upon declaration of a NOTIFICATION OF UNUSUAL EVENT:

- non-essential personnel working in the Main Control Room (MCR) should stabilize their work and exit the MCR. These personnel should report back to their supervisor for further instructions.
- non-essential personnel working in other parts of the plant should keep alert for changing conditions and stay clear of the emergency.

4.4.2 Emergency Response Organization personnel are responsible for those items listed in EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING, as appropriate to the situation. Checklists found in EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING, may be used.

TITLE: NOTIFICATION OF UNUSUAL EVENT

4.4.3 IF The emergency is radiological in nature,

THEN Radiation Protection personnel should be dispatched to the scene per RA-06, STATION RADIOLOGICAL SURVEYS. Results of the surveys should be reported to the MCR as soon as possible.

4.4.4 Upon arrival at the scene, responding personnel dispatched by the Interim Station Emergency Director should evaluate the extent of the emergency condition, relay this information to the MCR, and await guidance in a low background area, as to how to mitigate the situation, if needed.

## 5.0 REFERENCES

1. AP-03, EMERGENCY RECORDS RETENTION
2. EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING
3. EC-02, EMERGENCY CLASSIFICATIONS
4. EC-07, EMERGENCY PLAN NOTIFICATION
5. EC-08, NON-ESSENTIAL PERSONNEL EVACUATION
6. EC-09, SECURITY DURING EMERGENCIES
7. EC-11, REENTRY
8. PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION
9. RA-04, PERSONNEL MONITORING AND DECONTAMINATION
10. RA-05, PERSONNEL PROTECTION
11. RA-06, STATION RADIOLOGICAL SURVEYS
12. CPS Emergency Plan, Section 4.3

## 6.0 ATTACHMENTS

None

## 7.0 FORMS

None

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-04  
REVISION: 6  
PAGE: 1 of 6

TITLE: ALERT

SCOPE OF REVISION: Corrected titles due to organizational changes. Changed section 4.1.2 from "follow with a short statement describing the event, if appropriate, and repeat", to "follow with a simple description of the event, (ie; reason for the classification), and repeat".

Authority

Function

Signature

Date

Prepared by

Greg Birk

5/30/01

Security Manager

*Donna Smith*

6/13/01

Concurrence

NA

Concurrence

NA

Concurrence

NA

Independent Reviewer

*Ky Cur*

6/19/01

Manager-Clinton Power Station

*RJ Solleya (Sr)*

6-15-01

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TITLE: ALERT

## 1.0 INTRODUCTION

This procedure describes the actions to be taken in response to the ALERT emergency classification.

## 2.0 RESPONSIBILITY

2.1 Individual with Command Authority - is responsible for implementing this procedure and ensuring that the necessary notifications and recommendations are made.

2.2 Security Manager - is responsible for review of this procedure.

2.3 Manager-Clinton Power Station - is responsible for final approval of this procedure.

## 3.0 DEFINITIONS

3.1 ALERT – Events are in process or have occurred which involve an actual or potential substantial degradation of the level of safety of the station.

## 4.0 INSTRUCTIONS

### 4.1 Main Control Room (MCR) Personnel

4.1.1 Using operating procedures initiate actions to place the reactor in a safe and/or stable condition as the emergency warrants.

4.1.2 Sound the Plant General Purpose Alarm.

### AND

Use the station-wide public address system to announce a statement similar to the following:

"ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL. AN ALERT HAS BEEN DECLARED. REPEAT, AN ALERT HAS BEEN DECLARED".

### AND

Follow with a simple description of the event (ie; reason for the classification), and repeat.

4.1.3 Implement EC-07, EMERGENCY PLAN NOTIFICATION. The Shift Manager shall assume the responsibilities of the Station Emergency Director until relieved by a designated person from the Emergency Response Organization.

4.1.4 In necessary, use EC-08, NON-ESSENTIAL PERSONNEL EVACUATION, to direct personnel to vacate all or parts of the station.

4.1.5 As a minimum, if a site evacuation of non-essential personnel is ordered, implement EC-09, SECURITY DURING EMERGENCIES and EC-10, PERSONNEL ACCOUNTABILITY.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-04  
REVISION: 6  
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TITLE: ALERT

- 4.1.6 Use instrumentation and information available to learn the extent and assess the consequences of the emergency. Relay important status changes to the Station Emergency Director.
- 4.1.7 Continue to use whatever means available to assess the situation and provide the necessary responses to correct the problem. Evaluate the impact of any radiological releases in progress or anticipated until relieved of this responsibility by the TSC or EOF. Refer to the following Emergency Plan Implementing Procedures:
- RA-01, MANUAL RADIOLOGICAL DOSE ASSESSMENT
  - RA-02, PROTECTIVE ACTION RECOMMENDATIONS
  - RA-15, PREDICTIVE RELEASE RATES
- Ensure the Station Emergency Director is kept current.
- 4.1.8 Request the Station Emergency Director notify Radiation Protection to dispatch personnel to the scene of the emergency, if conditions permit, to evaluate the extent and magnitude of the emergency and report their findings to the MCR.
- 4.1.9 Provide periodic status updates over the public address system until the emergency is terminated.
- 4.1.10 As time permits, review operating procedures that may be needed later.
- 4.1.11 Be prepared for an upgrade in emergency classification if conditions continue to degrade.

4.2 Individual with Command Authority

- 4.2.1 Ensure that immediate medical attention is given to any injuries. Ensure that Security calls for an ambulance for injuries that require transportation to an offsite medical facility. The telephone number for requesting an ambulance is located in EC-07, EMERGENCY PLAN NOTIFICATION.
- 4.2.2 If an ongoing security compromise is occurring and loss of physical control of station or site is actual or imminent, the appropriate security procedures as well as EC-09, SECURITY DURING EMERGENCIES, apply.
- 4.2.3 Continue to assess station status.
- 4.2.4 IF The situation continues to degrade  
THAN Be prepared to upgrade the emergency classification. Return to EC-02, EMERGENCY CLASSIFICATIONS, and evaluate the situation based on current status.
- 4.2.5 Implement the following procedures if not already performed:
- FE-01, TSC OPERATIONS
  - FE-02, OSC OPERATIONS
  - EC-09, SECURITY DURING EMERGENCIES
- 4.2.6 Direct the actions necessary to mitigate the emergency.

TITLE: ALERT

- 4.2.7 Direct the Emergency Response Organization (ERO) in organizing and coordinating the emergency efforts.
- 4.2.8 If appropriate, the Individual with Command Authority should implement EC-08, NON-ESSENTIAL PERSONNEL EVACUATION and EC-10, PERSONNEL ACCOUNTABILITY.
- 4.2.9 Direct or act as liaison for non-CPS staff or outside agencies.
- 4.2.10 If contacted by the CPS Communications/JPIC personnel, provide up-to-date information concerning station status and recovery activities. Periodic release of information shall be made as delineated in PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION.
- 4.2.11 IF an abnormal release of radioactivity requiring offsite or increased onsite radiological surveys has occurred, is occurring, or is expected
- THEN direct teams are dispatched per RA-06, STATION RADIOLOGICAL SURVEYS, and RA-07, FIELD RADIOLOGICAL MONITORING, as appropriate. The Field Team Coordinator should control the activities of the offsite field teams from the EOF.
- 4.2.12 Converse with the TSC Radiological Supervisor and other cognizant individuals, and review available radiological data to assess any offsite radiological consequences or their potential occurrence.
- 4.2.13 Communicate hourly with the REAC Commander per EC-07, EMERGENCY PLAN NOTIFICATION.
- 4.2.14 If immediate emergency work involves subjecting workers to more than occupational radiation dose limits, the Station Emergency Director shall establish emergency dose limits per RA-03, RADIOLOGICAL EXPOSURE GUIDELINES.
- 4.2.15 Throughout the emergency the Station Emergency Director should ensure that:
- a) Personnel are wearing and using protective clothing, dosimeters, and equipment per RA-05, PERSONNEL PROTECTION.
  - b) Personnel are periodically monitored and, if needed, decontaminated per RA-04, PERSONNEL MONITORING AND DECONTAMINATION.
  - c) Regular and additional cleanup work resumes in the area only after a survey is made and the area is approved for reentry per EC-11, REENTRY.
- 4.2.16 The Individual with Command Authority shall ensure that a record is maintained of emergency related activities and communications.
- 4.2.17 When conditions sustaining the ALERT have been mitigated the Individual with Command Authority may reduce or terminate the emergency classification and perform notifications as outlined in EC-07, EMERGENCY PLAN NOTIFICATION.

TITLE: ALERT

- 4.2.18 Once the emergency is terminated, the Individual with Command Authority should ensure that the necessary documentation of the emergency is completed per AP-03, EMERGENCY RECORDS RETENTION.
- 4.2.19 As soon as practicable the Security Manager should prepare a close-out report of the emergency per AP-03, EMERGENCY RECORDS RETENTION.

4.3 Station Personnel (at scene)

- 4.3.1 Persons discovering an emergency condition should immediately notify the Main Control Room (MCR) by the most expeditious means available describing the type and extent of the emergency including injuries and the need for additional assistance (as applicable). If any injury requires transportation to the offsite medical facility, notify security to call for an ambulance.
- 4.3.2 Take appropriate action to limit the extent of the incident with available means, if possible, or retreat to a safe location and await assistance.
- 4.3.3 Upon arrival at the scene, responding personnel should evaluate the extent of the emergency, relay this information to the MCR.
- 4.3.4 As appropriate, Radiation Protection personnel should be dispatched in accordance with RA-06, STATION RADIOLOGICAL SURVEYS.
- 4.3.5 Report the badge number and names of individuals at the scene to the MCR.
- 4.3.6 Contaminated personnel should notify Radiation Protection. Radiation Protection shall in turn notify the MCR and perform personnel monitoring and decontamination per RA-04, PERSONNEL MONITORING AND DECONTAMINATION.
- 4.3.7 Once the scene of an emergency is evacuated, no one should enter the affected area without direction from the Station Emergency Director.

4.4 Emergency Response Organization Personnel Offsite

- 4.4.1 Emergency Response Organization personnel who are offsite at the onset of an emergency shall report to their assigned emergency response facility upon notification. They shall assume their assigned duties in accordance with EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING.

4.5 Onsite Personnel

- 4.5.1 When notified of the emergency, onsite members of the Emergency Response Organization shall report to their assigned emergency response facility as delineated in EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING.

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-04  
REVISION: 6  
PAGE: 6 of 6

TITLE: ALERT

- 4.5.3 The following actions should be implemented by non-essential personnel upon declaration of an ALERT:
- Non-essential personnel working in the Main Control Room (MCR) should stabilize their work and exit the MCR. These personnel should report back to their supervisor for further instructions.
  - Non-essential personnel working in other parts of the plant should keep alert for changing conditions and stay clear of the emergency.

5.0 REFERENCES

1. AP-03, EMERGENCY RECORDS RETENTION
2. EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING
3. EC-02, EMERGENCY CLASSIFICATIONS
4. EC-07, EMERGENCY PLAN NOTIFICATION
5. EC-08, NON-ESSENTIAL PERSONNEL EVACUATION
6. EC-09, SECURITY DURING EMERGENCIES
7. EC-10, PERSONNEL ACCOUNTABILITY
8. EC-11, REENTRY
9. FE-01, TSC OPERATIONS
10. FE-02, OSC OPERATIONS
11. PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION
12. RA-01, MANUAL RADIOLOGICAL DOSE ASSESSMENT
13. RA-02, PROTECTIVE ACTION RECOMMENDATIONS
14. RA-03, RADIOLOGICAL EXPOSURE GUIDELINES
15. RA-04, PERSONNEL MONITORING AND DECONTAMINATION
16. RA-05, PERSONNEL PROTECTION
17. RA-06, STATION RADIOLOGICAL SURVEYS
18. RA-07, FIELD RADIOLOGICAL MONITORING
19. RA-15, PREDICTIVE RELEASE RATES
20. CPS EMERGENCY PLAN, Section 4.3

6.0 ATTACHMENTS

None

7.0 FORMS

None

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-05  
REVISION: 6  
PAGE: 1 of 8

TITLE: SITE AREA EMERGENCY

SCOPE OF REVISION: Corrected titles due to organizational changes. Changed section 4.1.2 from "follow with a short statement describing the event, if appropriate, and repeat", to "follow with a simple description of the event, (ie; reason for the classification), and repeat".

Authority

<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by	Greg Birk	5/30/01
Security Manager	<i>Donna Smith</i>	6/13/01
Concurrence	NA	
Concurrence	NA	
Concurrence	NA	
Independent Reviewer	<i>Ken Es</i>	6/9/01
Manager-Clinton Power Station	<i>RH Swalesar (SR)</i>	6-15-01

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CLINTON POWER STATION

TITLE: SITE AREA EMERGENCY

1.0 INTRODUCTION

This procedure describes the actions to be taken in response to the SITE AREA EMERGENCY emergency classification.

2.0 RESPONSIBILITY

2.1 Individual with Command Authority - is responsible for implementing this procedure and ensuring that the necessary notifications and recommendations are made.

2.2 Security Manager - is responsible for review of this procedure.

2.3 Manager-Clinton Power Station - is responsible for final approval of this procedure.

3.0 DEFINITIONS

3.1 SITE AREA EMERGENCY - Events are in process or have occurred which involve actual or likely major failures of Station functions needed for protection of the public.

4.0 INSTRUCTIONS

4.1 Main Control Room (MCR) Personnel

4.1.1 Using operating procedures initiate actions to place the reactor in a safe and/or stable condition as the emergency warrants.

4.1.2 Sound the Plant General Purpose Alarm.

AND

Use the station-wide public address system to announce a statement similar to the following:

"ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL. A SITE AREA EMERGENCY HAS BEEN DECLARED. REPEAT, A SITE AREA EMERGENCY HAS BEEN DECLARED ALL NON-ESSENTIAL PERSONNEL REPORT TO THE ONSITE ASSEMBLY AREA."

AND

Follow with a simple description of the event, (ie; reason for the classification), and repeat.

TITLE: SITE AREA EMERGENCY

- 4.1.3 Implement Emergency Plan Implementing EC-10, PERSONNEL ACCOUNTABILITY, and EC-09, SECURITY DURING EMERGENCIES, if not already implemented.
- 4.1.4 Implement EC-07, EMERGENCY PLAN NOTIFICATION. The Shift Manager shall assume the responsibilities of the Station Emergency Director until relieved by a designated person from the Emergency Response Organization.
- 4.1.5 Use instrumentation and information available to learn the extent and assess the consequences of the emergency. Relay important status changes to the Station Emergency Director.
- 4.1.6 Continue to use whatever means available to assess the situation and provide the necessary responses to correct the problem. Evaluate the impact of any radiological releases in progress or anticipated until relieved of this responsibility by the TSC or EOF. Refer to the following Emergency Plan Implementing Procedures:
- RA-01, MANUAL RADIOLOGICAL DOSE ASSESSMENT
  - RA-02, PROTECTIVE ACTION RECOMMENDATIONS
  - RA-15, PREDICTIVE RELEASE RATES
- Ensure the Station Emergency Director is kept current.
- 4.1.7 Request the Station Emergency Director notify Radiation Protection to dispatch personnel to the scene of the emergency, if conditions permit, to evaluate the extent and magnitude of the emergency and report their findings to the MCR.
- 4.1.8 Provide periodic status updates over the public address system until the emergency is terminated.
- 4.1.9 As time permits, review operating procedures that may be needed later.
- 4.1.10 Be prepared for an upgrade in emergency classification if conditions continue to degrade.

TITLE: SITE AREA EMERGENCY

4.2 Individual with Command Authority

- 4.2.1 Ensure that immediate medical attention is given to any injuries. Ensure that Security calls for an ambulance for injuries that require transportation to an offsite medical facility. The telephone number for requesting an ambulance is located in EC-07, EMERGENCY PLAN NOTIFICATION.
- 4.2.2 If an ongoing security compromise is occurring and loss of physical control of station or site is actual or imminent, the appropriate security procedures as well as EC-09, SECURITY DURING EMERGENCIÉS, apply.
- 4.2.3 Implement EC-08, NON-ESSENTIAL PERSONNEL EVACUATION and evacuate non-essential personnel when prudent.
- 4.2.4 Continue to assess station status.
- 4.2.5 IF The situation continues to degrade  
THEN be prepared to upgrade the emergency classification. Return to EC-02, EMERGENCY CLASSIFICATIONS, and evaluate the situation based on current status.
- 4.2.6 Implement the following procedures if not already performed:
- FE-01, TSC OPERATIONS
  - FE-02, OSC OPERATIONS
  - FE-03, EOF OPERATIONS
  - EC-08, NON-ESSENTIAL PERSONNEL EVACUATION
  - EC-09, SECURITY DURING EMERGENCIÉS
  - EC-10, PERSONNEL ACCOUNTABILITY
- 4.2.7 Direct the actions necessary to mitigate the emergency.
- 4.2.8 Direct the Emergency Response Organization (ERO) in organizing and coordinating the emergency efforts.
- 4.2.9 Direct or act as liaison for non-CPS staff or outside agencies.
- 4.2.10 If contacted by the CPS Communications/JPIC personnel, provide up-to-date information concerning station status and recovery activities. Periodic release of information shall be made as delineated in PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION.

TITLE: SITE AREA EMERGENCY

- 4.2.11 IF an abnormal release of radioactivity requiring offsite or increased onsite radiological surveys has occurred, is occurring, or is expected
- THEN direct teams be dispatched per RA-06, STATION RADIOLOGICAL SURVEYS, and RA-07, FIELD RADIOLOGICAL MONITORING, as appropriate. The Field Team Coordinator should control the activities of the offsite field teams from the EOF.
- 4.2.12 Converse with the TSC Radiological Supervisor and other cognizant individuals, and review available radiological data to assess any offsite radiological consequences or their potential occurrence. Any recommendations for offsite protective measures should be made based on guidance provided in RA-02, PROTECTIVE ACTION RECOMMENDATIONS. Provide these recommendations as expeditiously as possible to State authorities over the NARS phone.
- 4.2.13 Communicate hourly with the REAC Commander including periodic assessments, offsite dose and dose rate estimates, and recommended offsite protective measures, if any, per EC-07, EMERGENCY PLAN NOTIFICATION.
- 4.2.14 If the nature of the emergency requires extensive recovery operations, mitigate accident conditions through the use of station operating procedures and EC-14, RECOVERY.
- 4.2.15 If immediate emergency work involves subjecting workers to more than occupational radiation dose limits, the Individual with Command Authority shall establish emergency dose limits per RA-03, RADIOLOGICAL EXPOSURE GUIDELINES.
- 4.2.16 Once command authority shifts to the Emergency Manager and the emergency condition is stabilized and the Recovery Organization is in place, the Station Emergency Director should be prepared to shift control of restoration activities to the Recovery Manager if such activities are extensive and/or long term.
- 4.2.17 Throughout the emergency the Station Emergency Director should ensure that:
- a) Personnel are wearing and using protective clothing, dosimeters, and equipment per RA-05, PERSONNEL PROTECTION.
  - b) Personnel are periodically monitored and, if needed, decontaminated per RA-04, PERSONNEL MONITORING AND DECONTAMINATION.
  - c) Regular and additional cleanup work resumes in the area only after a survey is made and the area is approved for reentry per EC-11, REENTRY.
- 4.2.18 The Individual with Command Authority shall ensure that a record is maintained of emergency related activities and communications.

TITLE: SITE AREA EMERGENCY

- 4.2.19 When conditions sustaining the SITE AREA EMERGENCY have been mitigated the Individual with Command Authority may reduce or terminate the emergency classification and perform notifications as outlined in EC-07, EMERGENCY PLAN NOTIFICATION.
  - 4.2.20 Once the emergency is terminated, the Facility Directors should ensure that the necessary documentation of the emergency is completed per AP-03, EMERGENCY RECORDS RETENTION.
  - 4.2.21 As soon as practicable the Director - Security and Emergency Planning should prepare a close-out report of the emergency per AP-03, EMERGENCY RECORDS RETENTION.
- 4.3 Station Personnel (at scene)
- 4.3.1 Persons discovering an emergency condition should immediately notify the Main Control Room (MCR) by the most expeditious means available describing the type and extent of the emergency including injuries and the need for additional assistance (as applicable). If any injury requires transportation to the offsite medical facility, notify security to call for an ambulance.
  - 4.3.2 Non-essential personnel shall evacuate from the scene of the emergency in accordance with EC-08, NON-ESSENTIAL PERSONNEL EVACUATION.
  - 4.3.3 Upon arrival at the scene, responding personnel should evaluate the extent of the emergency, relay this information to the MCR.
  - 4.3.4 As appropriate, Radiation Protection personnel should be dispatched in accordance with RA-06, STATION RADIOLOGICAL SURVEYS.
  - 4.3.5 Report the badge number and names of individuals at the scene to the MCR.
  - 4.3.6 Contaminated personnel should notify Radiation Protection. Radiation Protection shall in turn notify the MCR and perform personnel monitoring and decontamination per RA-04, PERSONNEL MONITORING AND DECONTAMINATION.
  - 4.3.7 Once the scene of an emergency is evacuated, no one should enter the affected area without direction from the Station Emergency Director.
- 4.4 Emergency Response Organization Personnel Offsite
- 4.4.1 Emergency Response Organization personnel who are offsite at the onset of an emergency shall report to their assigned emergency response facility upon notification. They shall assume their assigned duties in accordance with EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING.

TITLE: SITE AREA EMERGENCY

4.5 Onsite Personnel

- 4.5.1 Upon hearing the Plant General Purpose Alarm, visitors, vendors, and other non-essential personnel should begin an orderly evacuation per EC-08, NON-ESSENTIAL PERSONNEL EVACUATION.
- 4.5.2 When notified of the emergency, onsite members of the Emergency Response Organization shall report to their assigned emergency response facility as delineated in EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING.
- 4.5.3 Security should begin to restrict access to the site per EC-09, SECURITY DURING EMERGENCIES, and implement EC-10, PERSONNEL ACCOUNTABILITY.
- 4.5.4 All personnel remaining onsite to support recovery and restoration operations should keep alert to changing conditions.

5.0 REFERENCES

- 1. EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING
- 2. EC-02, EMERGENCY CLASSIFICATIONS
- 3. EC-07, EMERGENCY PLAN NOTIFICATION
- 4. EC-08, NON-ESSENTIAL PERSONNEL EVACUATION
- 5. EC-09, SECURITY DURING EMERGENCIES
- 6. EC-10, PERSONNEL ACCOUNTABILITY
- 7. EC-11, REENTRY
- 8. EC-14, RECOVERY
- 9. FE-01, TSC OPERATIONS
- 10. FE-02, OSC OPERATIONS
- 11. FE-03, EOF OPERATIONS
- 12. RA-01, MANUAL RADIOLOGICAL DOSE ASSESSMENT
- 13. RA-02, PROTECTIVE ACTION RECOMMENDATIONS
- 14. RA-03, RADIOLOGICAL EXPOSURE GUIDELINES
- 15. RA-04, PERSONNEL MONITORING AND DECONTAMINATION
- 16. RA-05, PERSONNEL PROTECTION

TITLE: SITE AREA EMERGENCY

17. RA-06, STATION RADIOLOGICAL SURVEYS
18. RA-07, FIELD RADIOLOGICAL MONITORING
19. RA-15, PREDICTIVE RELEASE RATES
20. PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION
21. AP-03, EMERGENCY RECORDS RETENTION
22. CPS EMERGENCY PLAN, Section 4.3

6.0 ATTACHMENTS

None

7.0 FORMS

None

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-06  
REVISION: 6  
PAGE: 1 of 6

TITLE: GENERAL EMERGENCY

SCOPE OF REVISION: Corrected titles due to organizational changes. Changed section 4.1.2 from "follow with a short statement describing the event, if appropriate, and repeat", to "follow with a simple description of the event, (ie; reason for the classification), and repeat".

Authority

<u>Function</u>	<u>Signature</u>	<u>Date</u>
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Security Manager	<i>Dennis Smith</i>	6/13/01
Concurrence	NA	
Concurrence	NA	
Concurrence	NA	
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Manager-Clinton Power Station	<i>[Signature]</i>	16-15-01

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TITLE: GENERAL EMERGENCY

1.0 INTRODUCTION

This procedure describes the actions to be taken in response to the GENERAL EMERGENCY emergency classification.

2.0 RESPONSIBILITY

2.1 Individual with Command Authority - is responsible for implementing this procedure and ensuring that the necessary notifications and recommendations are made.

2.2 Security Manager - is responsible for review of this procedure.

2.3 Manager-Clinton Power Station - is responsible for final approval of this procedure.

3.0 DEFINITIONS

3.1 GENERAL EMERGENCY - Events are in progress or have occurred which involve actual or imminent substantial core degradation or melting.

4.0 INSTRUCTIONS

4.1 Main Control Room (MCR) Personnel

4.1.1 Using operating procedures initiate actions to place the reactor in a safe and/or stable condition as the emergency warrants.

4.1.2 Sound the Plant General Purpose Alarm.

AND

Use the station-wide public address system to announce a statement similar to the following:

"ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL. A GENERAL EMERGENCY HAS BEEN DECLARED. REPEAT, A GENERAL EMERGENCY HAS BEEN DECLARED".

AND

Follow with a simple description of the event (ie; reason for the classification), and repeat.

AND

Add if not already accomplished at the Site Area Emergency "ALL NON-ESSENTIAL PERSONNEL REPORT TO THE ONSITE ASSEMBLY AREA.

4.1.3 Implement Emergency Plan Implementing EC-10, PERSONNEL ACCOUNTABILITY, and EC-09, SECURITY DURING EMERGENCIES, if not already implemented.

4.1.4 Implement EC-07, EMERGENCY PLAN NOTIFICATION. The Shift Manager shall assume the responsibilities of the Station Emergency Director until relieved by a designated person from the Emergency Response Organization.

TITLE: GENERAL EMERGENCY

- 4.1.5 Use instrumentation and information available to learn the extent and assess the consequences of the emergency. Relay important status changes to the Station Emergency Director.
- 4.1.6 Continue to use whatever means available to assess the situation and provide the necessary responses to correct the problem. Evaluate the impact of any radiological releases in progress or anticipated until relieved of this responsibility by the TSC or EOF. Implement the default protective action recommendation as a minimum. Refer to the following Emergency Plan Implementing Procedures:
- RA-01, MANUAL RADIOLOGICAL DOSE ASSESSMENT
  - RA-02, PROTECTIVE ACTION RECOMMENDATIONS
  - RA-15, PREDICTIVE RELEASE RATES
- Ensure the Station Emergency Director is kept current.
- 4.1.7 Request the Station Emergency Director notify Radiation Protection to dispatch personnel to the scene of the emergency, if conditions permit, to evaluate the extent and magnitude of the emergency and report their findings to the MCR.
- 4.1.8 Provide periodic status updates over the public address system until the emergency is terminated.
- 4.1.9 As time permits, review operating procedures that may be needed later.
- 4.1.10 Execute appropriate operating procedures to maintain the station in a safe and/or stable condition. Determine the need for any additional actions and recommend them to the Station Emergency Director, if necessary.

4.2 Individual with Command Authority

- 4.2.1 Ensure that immediate medical attention is given to any injuries. Ensure that Security calls for an ambulance for injuries that require transportation to an offsite medical facility. The telephone number for requesting an ambulance is located in EC-07, EMERGENCY PLAN NOTIFICATION.
- 4.2.2 If an ongoing security compromise is occurring and loss of physical control of station or site is actual or imminent, the appropriate security procedures as well as EC-09, SECURITY DURING EMERGENCIES, apply.
- 4.2.3 Implement EC-08, NON-ESSENTIAL PERSONNEL EVACUATION and evacuate non-essential personnel when prudent.
- 4.2.4 Implement the following procedures if not already performed:
- FE-01, TSC OPERATIONS
  - FE-02, OSC OPERATIONS
  - FE-03, EOF OPERATIONS
  - EC-08, NON-ESSENTIAL PERSONNEL EVACUATION
  - EC-09, SECURITY DURING EMERGENCIES
  - EC-10, PERSONNEL ACCOUNTABILITY
- 4.2.5 Direct the actions necessary to mitigate the emergency.

TITLE: GENERAL EMERGENCY

- 4.2.6 Direct the Emergency Response Organization (ERO) in organizing and coordinating the emergency efforts.
- 4.2.7 Direct or act as liaison for non-CPS staff or outside agencies.
- 4.2.8 If contacted by the CPS Communications/JPIC personnel, provide up-to-date information concerning station status and recovery activities. Periodic release of information shall be made as delineated in PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION.
- 4.2.9 IF an abnormal release of radioactivity requiring offsite or increased onsite radiological surveys has occurred, is occurring, or is expected
- THEN direct teams are dispatched per RA-06, STATION RADIOLOGICAL SURVEYS, and RA-07, FIELD RADIOLOGICAL MONITORING, as appropriate. The Field Team Coordinator should control the activities of the offsite field teams from the EOF.
- 4.2.10 Converse with the TSC Radiological Supervisor and other cognizant individuals, and review available radiological data to assess any offsite radiological consequences or their potential occurrence. Any recommendations for offsite protective measures should be made based on guidance provided in RA-02, PROTECTIVE ACTION RECOMMENDATIONS. Provide these recommendations as expeditiously as possible, from a NARS form, to State authorities over the NARS phone.
- 4.2.11 Communicate hourly with the REAC Commander per EC-07, EMERGENCY PLAN NOTIFICATION.
- 4.2.12 Mitigate accident conditions through the use of station operating procedures and EC-14, RECOVERY.
- 4.2.13 If immediate emergency work involves subjecting workers to more than occupational radiation dose limits, the Station Emergency Director shall establish emergency dose limits per RA-03, RADIOLOGICAL EXPOSURE GUIDELINES.
- 4.2.14 Once Command Authority shifts to the Emergency Manager and the emergency condition is stabilized and the Recovery Organization is in place, the Station Emergency Director shall be prepared to shift control of restoration activities to the Recovery Manager if such activities are extensive and/or long term.
- 4.2.15 Throughout the emergency the Station Emergency Director should ensure that:
- a) Personnel are wearing and using protective clothing, dosimeters, and equipment per RA-05, PERSONNEL PROTECTION.
  - b) Personnel are periodically monitored and, if needed, decontaminated per RA-04, PERSONNEL MONITORING AND DECONTAMINATION.
  - c) Regular and additional cleanup work resumes in the area only after a survey is made and the area is approved for reentry per EC-11, REENTRY.

TITLE: GENERAL EMERGENCY

- 4.2.16 The Individual with Command Authority shall ensure that a record is maintained of emergency related activities and communications.
- 4.2.17 When conditions sustaining the GENERAL EMERGENCY have been mitigated and are no longer present, and it is unlikely that those conditions will occur, then Recovery may be entered. Notifications shall be performed as outlined in EC-07, EMERGENCY PLAN NOTIFICATION.

NOTE

You may not downgrade or terminate from a General Emergency.

- 4.2.18 Once the emergency is terminated, the Individual with Command Authority should ensure that the necessary documentation of the emergency is completed per AP-03, EMERGENCY RECORDS RETENTION.
- 4.2.19 As soon as practicable the Security Manager should prepare a close-out report of the emergency per AP-03, EMERGENCY RECORDS RETENTION.

4.3 Station Personnel (at scene)

- 4.3.1 Persons discovering an emergency condition should immediately notify the Main Control Room (MCR) by the most expeditious means available describing the type and extent of the emergency including injuries and the need for additional assistance (as applicable). If any injury requires transportation to the offsite medical facility, notify security to call for an ambulance.
- 4.3.2 Non-essential personnel shall evacuate from the scene of the emergency in accordance with EC-08, NON-ESSENTIAL PERSONNEL EVACUATION.
- 4.3.3 Upon arrival at the scene, responding personnel should evaluate the extent of the emergency, relay this information to the MCR.
- 4.3.4 As appropriate, Radiation Protection personnel should be dispatched in accordance with RA-06, STATION RADIOLOGICAL SURVEYS.
- 4.3.5 Report the badge number and names of individuals at the scene to the MCR.
- 4.3.6 Contaminated personnel should notify Radiation Protection. Radiation Protection shall in turn notify the MCR and perform personnel monitoring and decontamination per RA-04, PERSONNEL MONITORING AND DECONTAMINATION.
- 4.3.7 Once the scene of an emergency is evacuated, no one should enter the affected area without direction from the Station Emergency Director.

4.4 Emergency Response Organization Personnel Offsite

- 4.4.1 Emergency Response Organization personnel who are offsite at the onset of an emergency shall report to their assigned emergency response facility upon notification. They shall assume their assigned duties in accordance with EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING.

TITLE: GENERAL EMERGENCY

4.5 Onsite Personnel

- 4.5.1 Upon hearing the Plant General Purpose Alarm, visitors, vendors, and other non-essential personnel should begin an orderly evacuation per EC-08, NON-ESSENTIAL PERSONNEL EVACUATION.
- 4.5.2 When notified of the emergency, onsite members of the Emergency Response Organization shall report to their assigned emergency response facility as delineated in EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING.
- 4.5.3 Security should begin to restrict access to the site per EC-09, SECURITY DURING EMERGENCIES, and implement EC-10, PERSONNEL ACCOUNTABILITY.
- 4.5.4 All personnel remaining onsite to support recovery and restoration operations should keep alert to changing conditions.

5.0 REFERENCES

- 1. EC-01, CPS EMERGENCY RESPONSE ORGANIZATION AND STAFFING
- 2. EC-07, EMERGENCY PLAN NOTIFICATION
- 3. EC-08, NON-ESSENTIAL PERSONNEL EVACUATION
- 4. EC-09, SECURITY DURING EMERGENCIES
- 5. EC-10, PERSONNEL ACCOUNTABILITY
- 6. EC-11, REENTRY
- 7. EC-14, RECOVERY
- 8. FE-01, TSC OPERATIONS
- 9. FE-02, OSC OPERATIONS
- 10. FE-03, EOF OPERATIONS
- 11. RA-01, MANUAL RADIOLOGICAL DOSE ASSESSMENT
- 12. RA-02, PROTECTIVE ACTION RECOMMENDATIONS
- 13. RA-03, RADIOLOGICAL EXPOSURE GUIDELINES
- 14. RA-04, PERSONNEL MONITORING AND DECONTAMINATION
- 15. RA-05, PERSONNEL PROTECTION
- 16. RA-06, STATION RADIOLOGICAL SURVEYS
- 17. RA-07, FIELD RADIOLOGICAL MONITORING
- 18. RA-15, PREDICTIVE RELEASE RATES
- 19. AP-03, EMERGENCY RECORDS RETENTION
- 20. PR-03, PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION
- 21. CPS EMERGENCY PLAN, Section 4.3

6.0 ATTACHMENTS

None

7.0 FORMS

None

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: EC-10  
REVISION: 7  
PAGE: 1 of 3

TITLE: PERSONNEL ACCOUNTABILITY

SCOPE OF REVISION: Revised to delete references to Illinois Power. Deleted the backup method for personnel accountability. Added the 762' Radwaste break area as an assembly area containing accountability card readers. Changed the service building lunchroom to the Outage Control Center.

Authority

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Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>Ken ...</i>	5/29/01
Manager-Clinton Power Station		<i>R.J. Swanson</i>	6-15-01

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TITLE: PERSONNEL ACCOUNTABILITY

## 1.0 INTRODUCTION

The purpose of this procedure is to outline the actions of Security personnel for the implementation of personnel accountability in the event accountability of non-essential personnel is ordered.

## 2.0 RESPONSIBILITY

- 2.1 Individual with Command Authority - is responsible for ensuring the implementation of this procedure.
- 2.2 Security Manager - is responsible for review of this procedure.
- 2.3 Manager-Clinton Power Station - is responsible for final approval of this procedure.

## 3.0 DEFINITIONS

- 3.1 Non-Essential Personnel - All individuals without emergency assignments under the CPS Emergency Plan or Emergency Plan Implementing Procedures.
- 3.2 Owner Controlled Area - The area external and contiguous to the Protected Area which may be controlled by CPS for security purposes.

## 4.0 INSTRUCTIONS

- 4.1 Primary method of Personnel Accountability, using the Outage Control Center/762' Radwaste break area:
  - 4.1.1 Non-essential personnel shall expeditiously as possibly report to the Outage Control Center/762' Radwaste break area and card into one of the accountability card readers.
  - 4.1.2 Security will obtain an "accountability" printout of personnel not in one of the following areas: Assembly Areas, MCR/TSC/OSC, and CAS/SAS.
  - 4.1.3 A report on personnel accountability shall be transmitted to the Station Emergency Director or the Shift Manager via the Station Security Coordinator in the TSC.
- 4.2 Maintaining Accountability
  - 4.2.1 Accountability for individuals within the Protected Area is maintained by Security after an initial accountability survey by:
    - 4.2.1.1 Restricting access to the Protected Area through the Protected Area portals to Essential Personnel.
    - 4.2.1.2 Restricting access to the Owner Controlled Area to Essential Personnel.
  - 4.2.2 Essential Personnel remain accounted for after an initial accountability survey because they are:
    - 4.2.2.1 Located in the MCR, TSC, or OSC and they are logged in and out of these facilities either through security card reader doors or through a door manned by a SFM.

TITLE: PERSONNEL ACCOUNTABILITY

- 4.2.2.2 Dispatched to locations within the Station in Emergency Teams which are issued hand-held radios, or
- 4.2.2.3 Escorted by Security personnel who are equipped with hand-held radios. Once initial accountability is obtained it is maintained by the security computer.

5.0 REFERENCES

1. CPS No. 1891.13, SECURITY ALERT/EMERGENCY
2. CPS PHYSICAL SECURITY PLAN
3. EC-12, EMERGENCY TEAMS
4. CPS Emergency Plan, Section 4.3.1.3 and 4.3.1.4

6.0 ATTACHMENTS

None

TITLE: PUBLIC INFORMATION AND EDUCATION

SCOPE OF REVISION: Deleted reference to Illinois Power. Corrected titles as appropriate. Clarified Section 4.3.1 on news media. Incorporated ACNs 7/1 and 7/2.

Authority

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Concurrence		NA	
Concurrence		NA	
Concurrence		NA	
Independent Reviewer		<i>In Co</i>	6/9/01
Manager-Clinton Power Station		<i>RJ Swallen (SM)</i>	6-15-01

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TITLE: PUBLIC INFORMATION AND EDUCATION

CONTENTS

- 1.0 INTRODUCTION
- 2.0 RESPONSIBILITY
- 3.0 DEFINITIONS
- 4.0 INSTRUCTIONS
  - 4.1 Resident Population
  - 4.2 Transient Population
  - 4.3 News Media
- 5.0 REFERENCES
- 6.0 ATTACHMENTS
- 7.0 FORMS

TITLE: PUBLIC INFORMATION AND EDUCATION

## 1.0 INTRODUCTION

The purpose of this procedure is to describe the methods used by Clinton Power Station to educate the public and disseminate information to the public concerning protective action(s) in the event of an emergency at Clinton Power Station.

## 2.0 RESPONSIBILITY

2.1 Security Manager - is responsible for the review and implementation of this procedure.

2.2 Manager-Clinton Power Station - is responsible for approval of this procedure.

## 3.0 DEFINITIONS

3.1 Emergency Information - Emergency Planning publication that contains emergency instructions in the event of an emergency at the Clinton Power Station.

3.2 Resident Population - that portion of the population having year-round residences within the Clinton Power Station Plume Exposure Pathway EPZ.

3.3 Transient Population - That portion of the population which is within the CPS Plume Exposure Pathway EPZ on a temporary basis (i.e., using recreation facilities, etc.).

## 4.0 INSTRUCTIONS

### 4.1 Resident Population

4.1.1 CPS shall annually distribute emergency information to the populace within the plume exposure pathway EPZ.

4.1.2 Emergency Information shall address, but not necessarily be limited to, the following:

4.1.2.1 Basic information on radiation

4.1.2.2 What to do in the event the Alert and Notification System (ANS) sirens are activated

4.1.2.3 Emergency Broadcast Stations (EBS)

4.1.2.4 Sheltering guides, Evacuation routes

4.1.2.5 Special needs of the handicapped

4.1.2.6 How to obtain additional information

4.1.3 The Security Manager is responsible for assuring the maintenance of a mailing list for the resident population within the plume exposure pathway EPZ for the purpose of distributing emergency information.

4.1.4 This mailing list will be updated annually, prior to distribution of the emergency information.

TITLE: PUBLIC INFORMATION AND EDUCATION

4.2 Transient Population

- 4.2.1 For the purpose of distribution to the transient population, CPS shall assure that adequate supplies of the Emergency Information Publication are made available to recreational areas, business, and commerce located in the plume exposure pathway EPZ. A list of locations for the Emergency Information Publication is found in Attachment 1, LOCATIONS FOR EMERGENCY INFORMATION.
- 4.2.2 The Security Manager shall ensure that emergency information supplies are replenished on a quarterly basis or more often, as necessary.
- 4.2.3 In addition to the Emergency Information Publication, recreational areas shall have emergency information posted in prominent locations. A list of these recreational areas with emergency information is found in Attachment 2, RECREATIONAL AREAS.
- 4.2.4 Emergency information postings in recreational areas may consist of simple instructions on what to do if a siren sounds.
- 4.2.5 Emergency information postings shall be inspected semiannually to assure that such information is accurate and readable.

4.3 News Media

- 4.3.1 At least annually, CPS shall provide orientation for members of the news media to acquaint them with the CPS Emergency Plan, information concerning radiation, and the JPIC to be used in the event of an emergency at CPS. This may be accomplished by providing a mailing packet of information covering these topics.
- 4.3.2 CPS is responsible for scheduling, conducting and documenting this news media orientation.

5.0 REFERENCES

- 5.1 CPS Emergency Plan, Section 2.6.2

6.0 ATTACHMENTS

- 1. LOCATIONS FOR EMERGENCY INFORMATION
- 2. RECREATIONAL AREAS

7.0 FORMS

None

CLINTON POWER STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

PROCEDURE: PR-05  
REVISION: 7  
ATTACHMENT: 1  
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TITLE: PUBLIC INFORMATION AND EDUCATION

LOCATIONS FOR EMERGENCY INFORMATION

1. Arrowhead Acres Campground
2. Clinton Chamber of Commerce
3. Crestview Nursing Home
4. DeWitt County ESDA Office
5. Dockside Marina
6. John Warner Hospital
7. Mascoutin State Recreational Area
8. South Shore Campground
9. Town & Country Motel
10. Weldon Springs State Park
11. Wye Motel
12. Sunset Inn & Suites
13. Green Acres Campground

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RECREATIONAL AREAS

1. Arrowhead Acres Campground
2. Clinton Country Club
3. Clinton Lake:
  - a. Camp Quest Group Access Area
  - b. Clinton Marina Access Area (2)
  - c. DeWitt Road Bridge (2)
  - d. Lane Day Use Area (2)
  - e. Mascoutin State Recreation Area (6)
  - f. North Fork Boat Access Area
  - g. North Fork Canoe Access Area
  - h. Parnell Boat Access Area
  - i. Peninsula Day Use Area
  - j. Route 48 Bridge (2)
  - k. Spillway Access
  - l. Weldon Day Use and Boat Access Area (2)
  - m. West Side Day Use and Boat Access Area (2)
4. Little Galilee Church Camp
5. Pentecostal Church Camp
6. Weldon Springs State Park:
  - a. Black Locust Group Camp
  - b. Campground Area (2)
  - c. Chautauqua Picnic Area
  - d. Concession Area
  - e. Lakeview Hill Fishing and Picnic Area
  - f. Lookout Point Picnic Area
  - g. Meadow View Picnic Area (2)
  - h. Springs Picnic Area
  - i. ALERT Siren #8
7. South Shore Campground
8. Green Acres Campground

Each recreational area has 1 posted sign, those with more are noted in parenthesis.