

## EMERGENCY PLAN IMPLEMENTING PROCEDURES

## INDEX

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>
099-1	Reference Procedures	12-15-81
110-1	Station Director EPIP	6-15-82
120-1	Operations Director EPIP	6-15-82
130-1	Technical Director EPIP	6-15-82
140-1	Maintenance Director EPIP	6-15-82
150-1	Stores Director EPIP	12-15-81
160-1	Administrative Director EPIP	11-10-81
170-1	Security Director EPIP	11-10-81
180-1	Rad/Chem Director EPIP	12-15-81
190-1	Communications Director EPIP	12-15-81
320-1	Activation of the GSEP Station Group	JUN 22 1982
330-1	Classification of GSEP Conditions	7-28-81
330-4	Classification of an Incident involving Hazardous Material	2-18-81
350-1	Quick Estimate of Offsite Dose from an Unplanned Release	5-21-81
360-1	Site Evacuation of Non-essential Personnel	1-18-82
360-2	Assembly Procedure	8-12-81
360-3	Monitoring High Activity Releases During Accident Conditions	12-15-81
360-4	Radioiodine Sampling Under Accident Conditions	12-15-81
360-5	Operation of the Eberline SAM-2	12-15-81
370-1	Rescue and Recovery	12-15-81

8207210508 820825  
PDR ADOCK 05000295  
F PDR

0039E  
0006A

APPROVED *L. Brown*  
DATE 6-22-82

## EMERGENCY PLAN IMPLEMENTING PROCEDURES

## INDEX

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>
370-2	First Aid and Decontamination	2-18-81
410-1	On-site Support Center	7-01-81
420-1	Technical Support Center Quarterly Surveillance	3-25-82
440-1	Emergency Communications	6-15-82
450-1	Emergency Operations Facility Quarterly Surveillance	12-15-81
510-1	Maintaining Emergency Preparedness	2-18-81
510-2	GSEP Training Requirements for Rad/Chem Technicians	5-22-81
550-1	On-Site Non-Radiological Emergency Response Equipment	JUN 22 1982
550-2	Environmental Emergency Kit and Emergency Operations Facility Radiological Equipment	3-25-82
550-3	Radiological Supplies for Medical Emergencies	12-15-81
550-4	On-Site Radiological Emergency Response Equipment	12-15-81
550-5	Technical Support Center and Operational Support Center Radiological Supplies	12-15-81
700-1	Emergency Phone List	JUN 22 1982
ATTACHMENT 1	Spill Prevention Control & Countermeasure Plans	12-15-81

APPROVED *[Signature]*  
DATE 6-22-82

STORES DIRECTOR  
EPIP 150-1  
TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>	<u>DATE</u>	<u>REVISION</u>
	Table of Contents	1	DEC 15 1981	1
A	Purpose	2	DEC 15 1981	1
B	References			
C	Prerequisites			
D	Precautions			
E	Limitations & Actions			
F	Procedure			
G	Checklist			
H	Technical Specification References			
	Attachment A	3	DEC 15 1981	0

This procedure contains 3 pages.

0023E  
0006A

APPROVED *F. P. [Signature]*  
DATE 12-15-81

ATTACHMENT A

STORES DIRECTOR CHECKLIST

Name of Director \_\_\_\_\_

Title \_\_\_\_\_

Initial Notification Date \_\_\_\_\_ Time \_\_\_\_\_ By Whom \_\_\_\_\_

Event Start Time \_\_\_\_\_

Event Classification:    Drill \_\_\_\_\_  
                                  Transportation Accident \_\_\_\_\_  
                                  Unusual Event \_\_\_\_\_  
                                  Alert \_\_\_\_\_  
                                  Site Emergency \_\_\_\_\_  
                                  General Emergency \_\_\_\_\_

FINAL

COMMUNICATIONS DIRECTOR EPIP

EFIP 190-1

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>	<u>DATE</u>	<u>REVISION</u>
	Table of Contents	1	DEC 15 1981	1
A	Purpose	2	DEC 15 1981	1
B	References			
C	Prerequisites			
D	Precautions			
E	Limitations and Actions			
F	Procedure	3	DEC 15 1981	0
G	Checklists			
H	Technical Specification References			

This procedure contains 3 pages.

0034E  
0006A

APPROVED *[Signature]*  
DATE 12-15-81

F. PROCEDURE

1. Report to the Technical Support Center (TSC). \_\_\_\_\_
2. Establish communications between TSC and Control Room  
GSEP Communicator. (Beige Phone) Time \_\_\_\_\_
3. Establish communications between TSC and OSC  
(blue phone) Time \_\_\_\_\_
4. Establish communications between TSC and Corporate  
Command Center (CCC) (yellow phone) Time \_\_\_\_\_
5. Establish other communications as necessary.
6. Establish exact status of event and plant.
7. Monitor all outgoing information pertaining to a GSEP event.
8. Continue to man the phones in the TSC throughout a GSEP event.
9. Maintain official GSEP log.
10. Fill in for other directors as required.

G. CHECKLISTS

None

H. TECHNICAL SPECIFICATION REFERENCES

None

FINAL

ACTIVATION OF THE GSEP STATION GROUP

EPIP 320-1

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>	<u>DATE</u>	<u>REVISION</u>
	Table of Contents	1	JUN 22 1982	8
	Purpose	2	4-15-82	2
	References			
	Prerequisites			
	Precautions			
	Limitations and Actions			
	Procedure	3	5-08-82	4
		4	JUN 22 1982	5
		5	JUN 22 1982	7
		6	5-08-82	2
	Checklists			
	Technical Specifications References			

This procedure contains 6 pages.

APPROVED *L. H. [Signature]*  
DATE 6-22-82

## ACTIVATION OF THE GSEP STATION GROUP

### A. PURPOSE

The purpose of this procedure is to ensure a quick activation of the GSEP Station Group.

### B. REFERENCES

1. GSEP, Figure 4.2-3 page 4-8
2. EPIP 700-1
3. GSEP Telephone Directory

### C. PREREQUISITES

None

### D. PRECAUTIONS

None

### E. LIMITATIONS AND ACTIONS

1. Procedure to be updated quarterly by GSEP Coordinator.
2. An unannounced off-shift notification drill will be held at least every six months.



F. PROCEDURE

1. Transportation Accident
  - a. Notify the Station Group (all directors) as needed depending upon the nature of the emergency.
2. Unusual Event
  - a. Call in Station Director
  - b. Call in Operations Director
  - c. Call in other Directors depending upon the nature of the emergency.
3. Alert
  - a. Call in Station Director
  - b. Call in Operations Director
  - c. Call in Maintenance Director
  - d. Call in Technical Director
  - e. Call in Rad/Chem Director
  - f. Call in Environs Director
  - g. Call in other Directors depending upon the nature of the emergency.
4. Site & General Emergency
  - a. Initiate the following call-out system and have personnel report to the station.

Shift Engineer Calls:                      HOME                      WORK                      BEEPER

1. Operating Engineer on call

R. Budowle  
or J. Gilmore  
or J. Mariani

Operating Engineer on call calls:

1. K. Graesser  
or E. Fuerst  
or G. Pliml

PROCEDURE (Cont'd)

- |                    | <u>HOME</u>   | <u>WORK</u> | <u>BEEPER</u> |
|--------------------|---------------|-------------|---------------|
| K. Graesser calls: |               |             |               |
| 1.                 | G. Pliml      |             |               |
| or                 | L. Pruett     |             |               |
| or                 | A. Miosi      |             |               |
| 2.                 | J. Gilmore    |             |               |
| or                 | E. Fuerst     |             |               |
| or                 | J. Marianyi   |             |               |
| or                 | R. Budowle    |             |               |
| 3.                 | K. Kofron     |             |               |
| or                 | R. Rafter     |             |               |
| or                 | J. Lafontaine |             |               |
| G. Pliml calls:    |               |             |               |
| 1.                 | A. Miosi      |             |               |
| or                 | L. Pruett     |             |               |
| or                 | P. LeBlond    |             |               |
| 2.                 | D. Howard     |             |               |
| or                 | B. Schramer   |             |               |
| or                 | J. Jirka      |             |               |
| 3.                 | R. Smith      |             |               |
| 4.                 | L. Minejevs   |             |               |
| or                 | L. Trezise    |             |               |
| or                 | M. Hansen     |             |               |
| 5.                 | A. Nykiel     |             |               |
| E. Fuerst calls:   |               |             |               |
| 1.                 | J. Gilmore    |             |               |
| 2.                 | J. Marianyi   |             |               |
| 3.                 | R. Budowle    |             |               |
| K. Kofron calls:   |               |             |               |
| 1.                 | G. Dix        |             |               |
| 2.                 | R. Rafter     |             |               |
| 3.                 | W. Kurth      |             |               |
| 4.                 | J. Lafontaine |             |               |
| 5.                 | T. Saksefski  |             |               |
| or                 | D. Johnson    |             |               |

PROCEDURE (Cont'd)

HOME

WORK

BEEPER

A. Miosi calls:

1. L. Pruett
2. P. LeBlond
3. N. Valos
4. A. Ockert (G.L.)  
or J. Wennerholm
5. T. Printz (G.L.)  
or R. Marsh
6. A. Amoroso (G.L.)  
or G. Fanning
7. W. T'Niemi (G.L.)  
or R. Chin
8. W. Dean
9. C. Silich (G.L.)
10. K. Depperschmidt (G.L.)
11. W. Lowe
12. C. Laureys
13. D. Grau  
or R. Sorrentino

Each Group Leader (G.L.) calls his assistant

D. Howard calls:

1. B. Schramer
2. J. Jirka
3. F. Ost
4. R. Aker
5. T. Jackubaitis
6. R.C. Lab Foreman  
L. Lanes\*\*

The R.C. Lab Foreman calls the R.C. technicians. All efforts should be made to ensure the proper bargaining group call out procedure is followed.

\*\* Will call out RCT's as required.

L. Minejevs calls:

1. M. Hansen
2. L. Trezise

CLASSIFICATION OF GSEP CONDITIONS

A. PURPOSE:

The purpose of this procedure is to establish guidelines for classification of a GSEP condition.

B. REFERENCES:

1. EPIP 110-1 "Station Director"
2. EPIP 440-1 "Emergency Communications"

C. PREREQUISITES:

None

D. PRECAUTIONS:

1. The NRC must be notified as quickly as possible and definitely within 60 minutes after the discovery of an emergency condition. The NRC must be notified of any activation of the emergency plan, i.e., Transportation Accident through General Emergency.

E. LIMITATIONS AND ACTIONS:

None

F. PROCEDURE:

1. Assimilate and evaluate all available information pertinent to the accident.
2. Refer to attached Table of Zion Emergency Action Levels (EAL's) to classify the event.
3. Declare appropriate GSEP Condition
4. Make necessary notifications as indicated in EPIP 110-1

G. CHECKLISTS:

None

H. TECHNICAL SPECIFICATION REFERENCES:

None

TABLE ZA 5-1 (CONT)

CONDITIONS	UNUSUAL EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
9) Toxic Gas	Uncontrolled release of toxic gas at life threatening levels near or onsite.	Entry of toxic gas into the security area.	Entry of toxic gas into vital areas affecting the safe shutdown of the plant.	
10) Loss of AC Power	Loss of AC power has degraded equipment described on the Technical Specifications such that a limiting condition for operation requires a shutdown.	A) Loss of AC power has degraded equipment described in the Technical Specifications <u>beyond the limiting condition</u> for operation that require a shutdown; or B) has exceeded a Technical Specification Safety Limit.	Engineered safety feature buses are deenergized for > 15 minutes.	
11) Loss of DC Power	Loss of DC power sources has degraded equipment described in the Technical Specifications such that a limiting condition for operation requires a shutdown.	A) Loss of DC power sources has degraded equipment described in the Technical Specifications beyond the limiting conditions for operation that require a shutdown; or B) has exceeded a Technical Specification safety limit.	Buses 011, 111, (211) and 112 (212) are all deenergized for > 15 minutes.	

ON-SITE SUPPORT CENTERS

EPIP 410-1

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>	<u>DATE</u>	<u>REVISION</u>
	Table of Contents	1	JUL 0 1 1981	1
	Purpose	2	JUL 0 1 1981	1
	References	2	JUL 0 1 1981	1
	Prerequisites	2	JUL 0 1 1981	1
	Precautions	2	JUL 0 1 1981	1
	Limitations & Actions	2	JUL 0 1 1981	1
	Procedure	2	JUL 0 1 1981	1
		3	JUL 0 1 1981	1
		4	JUL 0 1 1981	0
	Checklists	4	JUL 0 1 1981	0
	Technical Specifications	4	JUL 0 1 1981	0

This procedure contains 4 pages.

APPROVED *[Signature]*  
 DATE 7-1-81

## ON-SITE SUPPORT CENTERS

### A. PURPOSE

The purpose of this procedure is to outline the method to activate and utilize the On-Site Technical and Operational Support Centers during emergencies.

### B. REFERENCES

1. None

### C. PREREQUISITES

1. None

### D. PRECAUTIONS

1. None

### E. LIMITATIONS AND ACTIONS

1. None

### F. PROCEDURE

1. The Control Room is the primary on-site location from which initial actions are taken to identify, assess, and cope with an emergency. Once an emergency has been declared, the On-Site Technical Support Center and the On-Site Operational Support Center may be activated as necessary to support the Control Room.
2. These centers may be activated for any emergency as necessary, but must be activated for an Alert, Site Emergency or General Emergency.
3. On-Site Technical Support Center (TSC)
  - a. The TSC is maintained for use by plant administration, technical staff, and engineering support personnel during emergencies.
  - b. The TSC is utilized for assessment of plant status and potential off-site impact in support of the Control Room command and control function, and for implementation of on-site and off-site emergency actions.
  - c. The TSC at Zion Station is north of the Control Room in the Auxiliary Building.

- d. A satellite file is in the TSC. Plant drawings, vendor publications, design information, procedures, NRC documents, etc. are readily available in nearby rooms.
  - e. Staffing of the TSC will be as directed by the Station Director. The Station Director will direct those necessary technical and management personnel to man the TSC depending on the nature and extent of the emergency. He will assure adequate technical expertise is available in the TSC to provide the necessary technical support. The Technical Director would normally report to the TSC, and would assist the Station Director in directing the manning of the TSC. Off-Site and NRC personnel may be directed to report to the TSC as required.
  - f. Communications exist to the Control Room, the NRC, and to the CECo GSEP Command Center in Chicago. A station phone is available to contact the OSC.
  - g. Portable direct and airborne radiation monitors are available in the TSC. If the TSC becomes airborne, or if the radiation level in the TSC becomes excessive in the judgement of the Station Director or Environs Director, the accident assessment function of the TSC will be performed from the Control Room. Air packs or masks from the respiratory equipment issue room should be utilized as conditions dictate.
  - h. If the TSC is relocated to the Control Room, only a limited number of persons should relocate, due to the need to control access to the Control Room. Including the Station Director and Technical Director, this number should not exceed ten.
4. On-Site Operational Support Center (OSC)
- a. The OSC at Zion Station is the Lunch Room on the second floor of the Service Building.
  - b. Operations support personnel report to the OSC during an emergency, from where they are dispatched for assignments or duties in support of emergency operations.
  - c. Communications exists between the OSC, the TSC, and the Control Room.
  - d. The Operations Director or his designee will assume command of the OSC when activated. Operations personnel will man the OSC to the extent necessary, depending on the nature and scope of the emergency.
  - e. The OSC should remain in close communication with the Control Room, such that actions taken are coordinated and carried out properly.



TECHNICAL SUPPORT CENTER QUARTERLY SURVEILLANCE

EPIP 420-1

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>	<u>DATE</u>	<u>REVISION</u>
	Table of Contents	1	MAR 25 1982	4
A.	Purpose	2	12-15-81	2
B.	References			
C.	Prerequisites			
D.	Precautions			
E.	Limitations & Actions			
F.	Procedure	3	12-15-81	1
G.	Checklist			
H.	Technical Specification/References			
	Attachment A	4	MAR 25 1982	3
	Attachment B	5	MAR 25 1982	3

This procedure contains 5 pages.

0042E  
0006A

APPROVED *[Signature]*  
DATE 3-25-82

ATTACHMENT A  
TSC EQUIPMENT OPERATIONAL CHECKLIST

EQUIPMENT	PASSED	FAILED	COMMENTS
Telecopier			
Copier			
Food Supply			
Office Supplies			
SyFA Computer Operator's CRT			
SyFA Computer Centronics Printer			
U1 Process Computer CRT			
U1 Process Computer DEC LA120 Printer			
U1 Process Computer Display Screen #3			
U1 Process Computer Display Screen #4			
U2 Process Computer CRT			
U2 Process Computer Display Screen #3			
U2 Process Computer Display Screen #4			
U2 Process Computer DEC Printer			

Date: \_\_\_\_\_ Initials: \_\_\_\_\_

MAR 25 1982

ATTACHMENT B  
TSC DOCUMENTS CHECKLIST

DESCRIPTION	Quantity Required	Quantity Present	COMMENTS
RP Procedures #45 (2 volumes)	1		
ZCP Procedures #39	1		
HP Reference Books CCP#7; CSP#7	1 ea		
GSEP/Annex #539	1		
Zion EPIP's #55	1		
Environmental Director EPIP's #57	1		
RP In-Plant Survey Maps	10 ea		
AOP Procedures/EOP #47	1		
Tech Specs #44	1		
P&ID's (set)	1		
SOI #39 (5 volumes)	1		
ZED #10 (2 volumes)	1		
WI DEG Plan #120	1		
IL PRA #45			
Environmental Group EPIP #057	1		

Date: \_\_\_\_\_ Initials: \_\_\_\_\_

FINAL

## RADIOLOGICAL SUPPLIES FOR MEDICAL EMERGENCIES

### A. PURPOSE

The purpose of this procedure is to outline the supplies to be maintained in the Victory Hospital Radiological Emergency Supply Locker, and the Zion Station, RMC decontamination and sampling kits.

### B. REFERENCES

- 1) Generating Station Emergency Plan (GSEP)
- 2) RMC - Victory Hospital Manual
- 3) EPIP 550-1 "On-Site Non-Radiological Emergency Response Equipment"
- 4) EPIP 550-2 "Environmental Emergency Radiological Equipment"
- 5) EPIP 550-4 "On-Site Radiological Emergency Response Equipment"
- 6) EPIP 550-5 "TSC and OSC Radiological Supplies"

### C. PREREQUISITES

None

### D. PRECAUTIONS

None

### E. LIMITATIONS & ACTIONS

- 1) This procedure covers only the supplies retained by Victory Hospital and included in the RMC decontamination and sampling kits located in the Zion 617' decon room.
- 2) The Rad Chem Supervisor or his designee will be responsible for documentation and control of these supplies.