DRESDEN STATION PROCEDURE ROUTING

(TRANSMITTAL RECEIPT)

Register No. 65 O.S. 10/18/82 72. (#82-371)

REMOVE: GPIP 500-7, rev. 4

INSERT: GPIP 500-7, rev. 5

(Sign and return this form to the Procedures Manager.)

I hereby acknowledge receipt of the above.

Signed _____ Date _____

FORM 9-2A (Cont'd.)

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PROCEDURE HISTORY AND SAFETY EVALUATION

Procedure EPIP 500-7 Rev. No. 5

Description of Procedure Revision or of New Procedure

Added EOF Phone To Check list

Step 11 & 12

Change Step 11 & 12 To 13 & 14

Justification for New or Revised Procedure

New EMS Phone Added To Circuit

Supportive References (Letters, Temporary Change Requests, Procedure Inquiry, NUREG, etc.)

FORM 9-2B

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500 - MAINTAINING EMERGENCY PREPAREDNESS

500-1	Quarterly Inventory of First Aid Supplies (Primary Responsibility - Administrative Director)	Rev. 0	1/81
500-2	Annual/Quarterly GSEP Trailer Inventory (Primiary Responsibility - Rad/Chem Director)	Rev. 1	2/81
500-3	Quarterly St. Joseph Hospital Emergency Cart Inventory (Primary Responsibility - Rad/Chem Director)	Rev. 1	6/81
500-4	Monthly Decontamination and Medical Area Inventory (Primary Responsibility - Rad/Chem Director)	Rev. 1	1/82
500-5	Quarterly Technical Support Center Inventory (Primary Responsibility - Rad/Chem Director)	Rev. 0	10/80
500-6	Quarterly Operational Support Center Inventory (Primary Responsibility - Rad/Chem Director)	Rev. 0	10/80
500-7	Operational Checks of Communications Systems (Primary Responsibility - GSEP Coordinator)	Rev. 5	10/82
500-8	Quarterly Emergency Operations Facility Inventory (Primary Responsibility - GSEP Coordinator)	Rev. 0	5/82
500-9	Operational Check of Notification Phone List	Rev. 0	7/82

OPERATIONAL CHECKS OF COMMUNICATIONS SYSTEMS
(Primary Responsibility - GSEP Coordinator)

A. PURPOSE

This procedure describes the methods to be used in testing the operations of Station Communications Systems.

B. REFERENCES

1. CFR 73.60.
2. Radio Operating Manual for Generating Stations.
3. 10 CFR 20.403(a).
4. I.E. Bulletin Series Nos. 79-05, 79-06, 79-08 and 80-15.
5. NRC Letters 1-79-143-17, 1-80-118-17 and 1-80-212-8.
6. 10 CFR 50 Appendix E paragraph IV.E.9.d.

C. PREREQUISITES

None.

D. PRECAUTIONS

None.

E. LIMITATIONS AND ACTIONS

1. If, at any time, there is reason to believe that one or more extensions of the Emergency Notifications System (ENS) is inoperable, immediately notify the Nuclear Regulatory Commission (NRC) Emergency Operations Center (EOC) by commercial telephone or relayed message within one hour.
2. If, at any time, there is reason to believe that one or more extensions of the Nuclear Accident Reporting System (NARS) is inoperable, immediately notify the Emergency Services and Disaster Agency (ESDA) in Springfield by commercial telephone or relayed message.

F. PROCEDURE

1. CD System/Dresden radio - Daily.
   a. Perform the proper radio check following the guidelines in Radio Operating Manual for Generating Stations at 0220, 1020 and 1820 hours.

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b. Initial the appropriate check in the Operator's Daily Surveillance Log.

2. Emergency Notifications System (ENS/OPX).

a. Daily except weekends and national holidays.

(1) Between 5 a.m. and 7 a.m., the Duty Officer at the NRC EOC calls the facility and identifies himself.

(2) The party answering is requested to identify himself. The NRC Duty Officer then requests that the answering party hang up the telephone when the NRC Duty Officer hangs up.

(3) The individual at the facility waits 30 seconds and then picks up the ENS telephone to initiate a signal at the NRC EOC.

(4) When the NRC Duty Officer answers, the individual identifies the facility from which he is calling.

(5) Each party identifies himself and determines the quality of the connection.

(6) The test is terminated.

(7) Any necessary corrective action is initiated by the NRC Duty Officer.

b. Extension check.

The ENS phones shall be tested monthly. As often as possible, this check should coincide with the NARS surveillance. The check from the Control Room (CR) will attempt to verify contact with both the NRC EOC and with Region III. The checks from the Shift Engineer's office and the Technical Support Center (TSC) will be to NRC EOC only.

These checks shall be documented on the Emergency Notifications System Checklist (attached).

3. Nuclear Accident Reporting System (NARS) - Monthly.

The NARS shall be tested on the first Tuesday of every month. The test will be initiated from each of the following locations: the Control Room (CR), the Technical Support Center (TSC) and the Emergency Operations Facility (EOF). The Corporate Emergency Planning Group shall be requested to have the Corporate Command Center (CCC) manned. The TSC and EOF shall be manned by station personnel. The Nuclear Accident

Reporting System Test Checklist (attached) shall be used to document the test and results. Test completion will be documented on the Technical Staff Weekly Surveillance Log.

The test is satisfactory even if the NARS phone fails, provided back-up systems are used successfully to complete notification. The CR test is unsatisfactory if the required messages and acknowledgements are not completed within 15 minutes.

If communications equipment fails to operate properly, contact the Illinois ESDA and the Production Nuclear Duty Officer immediately following the drill. If the drill is rated unsatisfactory, immediately notify the Production Nuclear Duty Officer during normal business hours, or the Production Nuclear Duty Officer through the System Power Dispatcher during other than normal working hours. The Illinois ESDA shall have the responsibility for initiating repairs. An additional drill will be conducted immediately upon notification that equipment repairs have been completed.

If an actual emergency or routine time sensitive operation affecting plant safety requires the attention of the individual conducting the drill, the drill will be terminated and reconducted at a later time.

4. GSEP radio, GSEP (yellow) phone, Control Room/Technical Support Center phone and Control Room/Operational Support Center phone - Monthly.

The above listed equipment shall be checked monthly. As often as possible this check should coincide with the NARS surveillance. The Corporate Emergency Planning Group shall be requested to have the CCC manned. The CR, TSC, EOF, operations duty car and field radios shall be manned by station personnel.

The operability of the operations duty car and field radios shall be checked for capability to communicate between each other and to communicate to a single Base Station (CR, TSC or EOF). The capability of Base Stations to communicate shall be checked. The Scrambled and Unscrambled modes shall be checked.

The GSEP (yellow) phone shall be checked. Any failure should be reported by the GSEP Coordinator to the Nuclear Duty Officer. The Corporate Emergency Planning Group shall have the responsibility to initiate repairs and any subsequent operability checks.

The Control Room/Technical Support Center phone and the Control Room/Operational Support Center phone shall be checked for initiating capability from each end of the line.

These checks shall be documented on the Station GSEP Communications Checklist (attached).

G. CHECKLISTS

1. Operator's Daily Surveillance Log.

2. Technical Staff Weekly Surveillance Log.

3. Emergency Notifications System Checklist (attached).

4. Nuclear Accident Reporting System Test Checklist (attached).

5. Station GSEP Communications Checklist (attached).

H. TECHNICAL SPECIFICATIONS REFERENCES

None.

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EMERGENCY NOTIFICATIONS SYSTEM CHECKLIST

NOTES

(1) If the Red Light on the ENS extension in the CR is ON, the ENS system is down.

(2) If the Headset-Handset Switch is in the HEADSET position, the White Light will be ON and the ENS will ring at NRC EOC even with the handset cradled.

(3) Once an ENS extension at Dresden is uncradled, the phones for the remaining extensions will not ring. The White Light will be ON when the circuit is in use.

(4) Each time the ENS connection is broken, it takes about 30 seconds for the ENS to clear so that another call can be initiated.

		INITIALS
1.	If convenient, notify an NRC Resident Inspector prior to commencing the ENS check.	_____
2.	The CR Communicator initiates a call to NRC EOC.	_____
3.	The CR Communicator requests that NRC EOC contact Region III and establish a three way conversation with the CR.	_____
4.	The CR Communicator informs NRC EOC that three (3) additional checks will be made from the Shift Engineer's office (1) and from the TSC (2). The CR Communicator terminates the check from the CR.	_____
5.	The Communicator in the Shift Engineer's office initiates a call to NRC EOC.	_____
6.	After checking the quality of voice communications, the Communicator in the Shift Engineer's office terminates the check from the Shift Engineer's office.	_____
7.	The Communicator in the TSC initiates a call to NRC EOC from the ENS extension on the Station Director's Desk.	_____

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EMERGENCY NOTIFICATIONS SYSTEM CHECKLIST (cont'd)

INITIALS

8. After checking the quality of voice communications, the Communicator in the TSC terminates the check from the ENS extension on the Station Director's Desk. _____

9. The Communicator in the TSC initiates a call to NRC EOC from the ENS extension in the Data Display Room. _____

10. After checking the quality of voice communications, the Communicator in the TSC terminates the check from the ENS extension in the Data Display Room. _____

11. The Communicator in the EOF initiates a call to NRC EOC from the ENS extension in the Conference Room. _____

12. After checking the quality of voice communications, the Communicator in the EOF terminates the check from the ENS extension in the Conference Room. _____

13. Note any deficiencies:

_____

_____

_____

_____

_____

14. If an extension of the ENS or the ENS fails notify the following:

a. NRC EOC (Commercial Line). _____

b. CECo. Nuclear Duty Officer. _____

c. NRC Resident Inspector. _____

_____ _____
Name of Coordinator Date

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NUCLEAR ACCIDENT REPORTING SYSTEM
TEST CHECKLIST

NOTE

(Control Room Test Only)

All designated agencies must be contacted within 15 minutes of the time the test is initiated from the CR location.

1. Obtain and list telephone numbers for agencies listed in Step 4.

2. Dial code 22 and record time initiated. Time _____ (CR) _____ (TSC) _____ (EOF)

3. Read Message: This is a test. Please stand by. This test is being initiated from Dresden Station (CR, TSC, EOF).

   Stand by to acknowledge receipt of this message by stating your initials as the roll is called.

4. Call Roll:

   CR

   ESDA (_____)

   DNS (_____)

   Grundy County Sheriff (_____)

   *Grundy County EOC (_____)

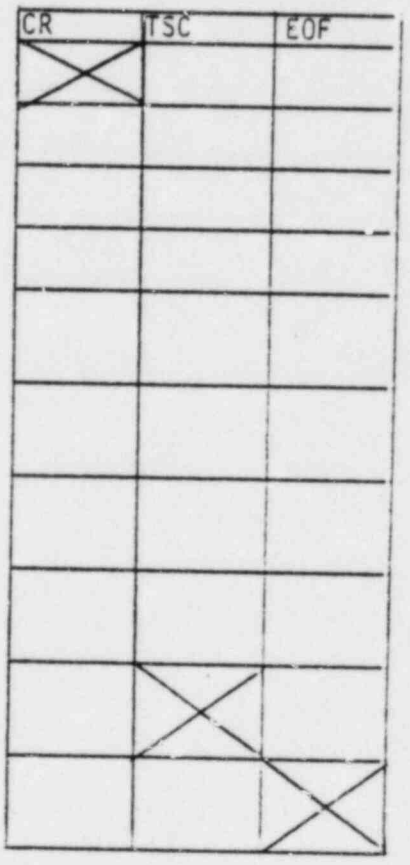
   Will County EOC (_____)

   System Power Dispatcher (_____)

   CCC (_____)

   TSC (_____)

   EOF (_____)



*Normally will not be manned for surveillance.

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NUCLEAR ACCIDENT REPORTING SYSTEM
TEST CHECKLIST (cont'd)

5. Read Message: Anyone on system who was not called during roll call please identify your agency and name.

_____ _____ _____
Agency Name

Test from Dresden Station (CR, TSC, EOF) is complete.

6. Record time at which roll call was completed.

Time _____ _____ _____
CR TSC EOF

7. (Control Room Test Only) Use outside phone lines and contact any agency that did not answer roll call.

8. (Control Room Test Only) Record time at which all agencies were contacted. Time _____

9. (Control Room Test Only) Verify ALL agencies were contacted within 15 minutes of time in Step 1. Initial _____

10. Initiate corrective actions per EPIP 500-7.

a. Notify ESDA (code 32 or outside line). ____

b. Notify CECo. Nuclear Duty Officer. ____

_____ _____
Name Date

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STATION GSEP COMMUNICATIONS CHECKLIST

1. GSEP radio.

   a. Base Station at (CR, TSC or EOF) initiates a test of the operations duty car and field radios in the Scrambled mode. Each radio operator, in sequence, is requested to transmit in the Scrambled mode for a 5 count.

      I.D. of Initiating Base Station (CR, TSC or EOF) _____

		Initiated From			
Radio Location		#1	#2	Car	Base
Field Radio #1	*	X			
Field Radio #2	*		X		
Car	*			X	
Base	*				X

   b. Base Station identified in Step 1.a. initiates a test of the operations duty car and field radios in the Unscrambled mode.

		Initiated From			
Radio Location		#1	#2	Car	Base
Field Radio #1	*	X			
Field Radio #2	*		X		
Car	*			X	
Base	*				X

   c. Base Station identified in Step 1.a. initiates a test of the remaining Base Stations in the Scrambled mode.

		Initiated From			
Radio Location		CR	TSC	CCC	EOF
EOF	*				X
CCC	*			X	
TSC	*		X		
CR	*	X			

* Initial if reception is clear.

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STATION GSEP COMMUNICATIONS CHECKLIST (cont'd)

d. Base Station identified in Step 1.a. initiates a test of the remaining Base Stations in the Unscrambled mode. Each radio operator, in sequence, is requested to transmit in the Unscrambled mode for a 5 count.

	Initiated From			
Radio Location	CR	TSC	CCC	EOF
EOF *				X
CCC *			X	
TSC *		X		
CR *	X			

2. GSEP (yellow) phone.

Each location (TSC, EOF and CCC) initiates a call on the GSEP phone.

	Initiated From		
Location	TSC	EOF	CCC
TSC *	X		
EOF *		X	
CCC *			X

3. Control Room/Technical Support Center phone.

Each location (CR and TSC) initiates a call on the dedicated line between these centers.

	Initiated From	
Location	CR	TSC
CR *	X	
TSC *		X

*Initial if reception is clear.

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STATION GSEP COMMUNICATIONS CHECKLIST (cont'd)

4. Control Room/Operational Support Center phone.

   Each location (CR and OSC) initiates a call on the dedicated line between these centers.

	Initiated From		
Location	CR	OSC Rad. Foreman's Office	OSC U-1 Battery Rm.
CR *			
OSC (Rad. Foreman's Office) *			
OSC (U-1 Battery Room) *			

5. Note any deficiencies (notify GSEP Coordinator on next working day):

_____

_____

_____

_____

_____

6. List the names of participants.

_____ NAME _____ NAME

_____ NAME _____ NAME

_____ NAME _____ NAME

_____ NAME _____ NAME

7. Document participation in this surveillance with the Training Department. _____

_____ Name of Coordinator _____ Date

*Initial if reception is clear.

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