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PRC NC.EP-FT.ZZ-0004 000	0	A	1	H	122941
PRC NC.EP-FT.ZZ-0006 000	0	A	1	H	122960
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PSEG Nuclear LLC
EMERGENCY PLAN IMPLEMENTING PROCEDURES
December 6, 2001
CHANGE PAGES FOR
REVISION #93

PSE&G
CONTROL
COPY # EPIP059

The Table of Contents forms a general guide to the current revision of each section of the Administrative EPIPs. The changes that are made in this TOC Revision #93 are shown below. Please check that your revision packet is complete and remove the outdated material listed below:

ADD			REMOVE		
Page	Description	Rev.	Page	Description	Rev.
All	TOC	93	All	TOC	92
All	EPIP 1008	20	All	EPIP 1008	19
	NC.EP-FT.ZZ-0004(Q)	00			
	NC.EP-FT.ZZ-0006(Q)	00			
	NC.EP-FT.ZZ-0007(Q)	00			

Note EPIP 1008 has been superceded by:

NC.EP-FT.ZZ-0004(Q), NC.EP-FT.ZZ-0006(Q), and NC.EP-FT.ZZ-0007(Q).

PSEG NUCLEAR LLC
EMERGENCY PLAN ADMINISTRATIVE PROCEDURES
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December 6, 2001

PSEG
CONTROL
COPY # EPIPO59

EMERGENCY PREPAREDNESS ADMINISTRATIVE PROCEDURES

PLAN, EPIP, ECG ADMINISTRATION:	<u>Revision Number</u>	<u>Number Pages</u>	<u>Effective Date</u>
NC.EP-AP.ZZ-1001(Z) Emergency Plan Document Processing	0	14	10/04/01
NC.EP-AP.ZZ-1003(Q) 10CFR50.54q Effectiveness Review Guide	0	10	10/04/01
EPIP 1005 Emergency Preparedness Deficiency/Revision Tracking.....	4	3	05/01/98
FACILITIES AND EQUIPMENT:			
NC.EP-AP.ZZ-1006 Emergency Equipment Inventory (Radiation Protection)...	0	64	05/12/00
EPIP 1008 Emergency Communications Drills.....	20	D	12/06/01
EPIP 1010 ERF Status Boards.....	6	52	10/25/96
TRAINING:			
NC.EP-AP.ZZ-1011 Maintenance of Emergency Response Organization	00	14	05/16/01
EPIP 1012 Preparation, Conduct, and Evaluation of Emergency Preparedness Annual Exercises.....	6	27	12/18/98
NC.EP-AP.ZZ-1014 Emergency Preparedness Classroom Training Administration..	2	17	03/15/01
NC.EP-AP.ZZ-1015 PC Dose Assessment Software Control	0	6	06/12/00
EMERGENCY SUPPORT EQUIPMENT:			
EPIP 1016 Test Procedures for EOF Backup Generator, Vent System and HVAC Filter Replacement.....	7	46	06/12/00
NC.EP-FT.ZZ-0004(Q) Emergency Communications Drill	0	13	12/06/01
NC.EP-FT.ZZ-0006(Q) Emergency Response Data System (ERDS) Test with NRC Salem Station	0	12	12/06/01
NC.EP-FT.ZZ-0007(Q) Emergency Response Data System (ERDS) Test with NRC Hope Creek Station	0	12	12/06/01

PSEG NUCLEAR LLC

EPIP 1008 - REV. 20

EMERGENCY COMMUNICATIONS DRILL

PSE&G
CONTROL
COPY # EPIP059

SPONSOR ORGANIZATION: Emergency Preparedness

REVISION SUMMARY:

1. This procedure has been superceded by:

- NC.EP-FT.ZZ-0004(Q) Rev. 0 Emergency Communications Drill
- NC.EP-FT.ZZ-0006(Q) Rev. 0 Emergency Response Data System (ERDS)
Test with NRC - **Salem Station**
- NC.EP-FT.ZZ-0007(Q) Rev. 0 Emergency Response Data System (ERDS)
Test with NRC - **Hope Creek Station**

IMPLEMENTATION REQUIREMENTS:

Effective Date: 12-6-01

SIGNATURE PAGE

Prepared By: Cavaleyn Seimmon 11-12-01
(If Editorial Revisions Only, Last Approved Revision) Date

Reviewed By: Raymond H. Reece (R. REECE) 11/14/2001
Station Qualified Reviewer Date

Reviewed By: [Signature] 11/19/01
Department Manager Date

Reviewed By: [Signature] 11/19/01
Manager – EP Date

Reviewed By: N/A N/A
Manager – Quality Assessment (If Applicable) Date

SORC Review and Station Approvals

N/A
Mtg. No. Salem Chairman

N/A
Mtg. No. Hope Creek Chairman

N/A
Date

N/A
Date

[Signature]
Vice President - Operations

11/26/01
Date

Effective Date of this Revision is 12-6-01
Date

USE CATEGORY: II

REVISION SUMMARY:

1. This procedure is a rewrite of "Emergency Plan Implementing Procedure (EPIP) 1008, Emergency Communications Drill, Rev. 17, and a reformat into the NC.NA-AP.ZZ-0001(Q) Nuclear Procedure System, structure.
2. This revision corrects a number of typos and attempts to make the procedure more user friendly.
3. Due to the restructuring and extensive reformatting, change bars were not utilized.
4. This revision satisfies the requirement for a biennial review.
5. Attachments 8a, 8b, and 9 were removed and placed in a separate procedure.

IMPLEMENTATION REQUIREMENTS

Implementation Date: 12-6-01

APPROVED: _____


EP Manager

11/19/01
Date

EMERGENCY COMMUNICATIONS DRILL

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1.0 **PURPOSE**

The performance of Communication Drills, required to be conducted by an Emergency Preparedness Group Work Activity Surveillance.

2.0 **PREREQUISITES**

None

3.0 **PRECAUTIONS AND LIMITATIONS**

None

4.0 **EQUIPMENT REQUIRED**

None

5.0 **PROCEDURE**

- 5.1 Perform Attachment 1 (MONTHLY), Communications Checklists: Federal, State and County; NRC/FTS 2001/ Group Federal and State Test
- 5.2 Perform Attachment 1A (MONTHLY), Communications Checklists – Salem Station
- 5.3 Perform Attachment 1B (MONTHLY), Communications Checklists – Hope Creek Station
- 5.4 Perform Attachment 1C (MONTHLY), Communications Checklists – EOF
- 5.5 Perform Attachment 2 (MONTHLY), Telecopier Test Form
- 5.6 Perform Attachment 3 (ANNUALLY), Communications Drill Checklist Full Fan Out - New Jersey & Delaware
- 5.7 Perform Attachment 4 (ANNUALLY), PSEG Nuclear Emergency Plan Communications Drill Checklist Nuclear Facilities & Communications Response Teams.

6.0 **RECORDS**

Ensure copies of appropriate completed forms, transmittal sheets, are attached to the IO (Internal Order).

7.0 **REFERENCES**

7.1 **Reference**

PSEG Nuclear Emergency Plan, Section 15, Exercises and Drills

ATTACHMENT 1 COMMUNICATION CHECKLISTS

1. **INITIATE** a phone test call monthly from the EP office telephones for circuit verification to the following agencies using the test message.

NOTE:

The following test message will be used for all communications tests:

"This is _____ from PSEG Emergency Preparedness Group. This is a telephone communications test. Can you hear me clearly? (Wait for response, document any poor quality of transmission). This completes the communications test. Thank you for your cooperation."

EMERGENCY PREPAREDNESS, FEDERAL AND STATE

Secondary Lines	Number	SAT/UNSAT	Date/Time
NJSP Comm. Sgt.	(609) 882-4201		
Del. State Police	(302) 659-2341		
Del. DEMA	(302) 659-3362		
Salem County EOC	(856) 769-2959		
Cumberland County EOC	(856) 455-8770		
New Castle County EOC	(302) 738-3131		
Kent County EOC	(302) 678-9111		
Lower Alloway Creek	(856) 935-7300		
NOAA Weather Station	(609) 261-6600		
US Coast Guard Philadelphia, PA	(215) 271-4940		
PA Emergency Management Agency	(717) 651-2001		
MC Civil Defense	(410) 517-3600		
D.O.E. Brookhaven	(631) 344-2200		
NRC Backup to ENS (Commercial Line)	301-816-5100 <u>or</u> 301-951-0550		
NRC Regional Office (* NOTE: Line is manned 7:30am to 4:15pm)	610-337-5000 *		

NOTE:

Possible solutions for any test communication transmissions that were unsatisfactory:

- NETS line extension problems contact Nuclear Help Desk at (856) 339-5555
- FTS 2001 line extension problems/NRC designated line extensions, contact Nuclear Help Desk at (856) 339-5555 and notify the NRC Duty Officer (1-301-816-5100 or 1-301-951-0550) of test failure
- Fax problems contact NES Service 1-800-893-5395

COMMENTS:

Completed by: _____

ATTACHMENT 1A COMMUNICATION CHECKLISTS – SALEM STATION

2. **INITIATE** a phone test call monthly to the agencies listed below. All test calls will be made from NETS lines in the locations indicated.

NOTE:

The following test message will be used for all communications tests:

“This is _____ from PSEG Emergency Preparedness Group. This is a telephone communications test. Can you hear me clearly? (Wait for response, document any poor quality of transmission). This completes the communications test. Thank you for your cooperation.”

FEDERAL, STATE AND COUNTY

Primary Lines	NETS Number	SAT/ UNSAT	Date/Time	Location From:
Salem Control Room				
Del. State Police	5406			Communicator office NETS line
NJSP Comm. Sgt.	5400			
Salem TSC				
Del. DEMA	5407			TSC NETS line
Salem County EOC	5402			

3. **VERIFY** dial tone on all of the FTS 2001 phone lines listed below. Select one FTS 2001 phone line from each facility and initiate the phone call test to the NRC recorded line (1-301-816-5100 or 1-301-951-0550) using the test message.

NRC/FTS 2001 COMMUNICATIONS DRILL CHECKLIST

FTS 2001 lines	FTS Number	SAT/ UNSAT	Date/Time	Location From:
Salem Control Room				
ENS (total 3 lines)	700-361-3864 *			Unit 1 & 2/OS Office
Salem TSC				
ENS (total 2 lines)	700-361-3864 *			CM1/CM2
HPN (total 2 lines)	700-361-3859 *			RAC/RP Staff
RSCL	700-361-3862			TSTL
PMCL	700-361-3858			CHEM

* Verify dial tone on extra phone lines.

**ATTACHMENT 1A
COMMUNICATION CHECKLISTS – SALEM STATION**

4. **INITIATE** a monthly telecopy test from Salem Generating Station's emergency response facilities to each of the following agencies using Attachment 2 Fax Test Form.

TRANSMIT TEST FAX FROM LOCATION:	FAX NUMBER	For Info: Group A consists of	SAT/ UNSAT	DATE/TIME
SALEM Control Room	Group A	NJSP 5413 DEMA 5419 BNE 5411 EOF 5035 SGS– TSC 5114		
SALEM TSC	Group A	NJSP 5413 DEMA 5419 BNE 5411 EOF 5035		

NOTE:

Possible solutions for any test communication transmissions that were unsatisfactory:

- NETS line extension problems contact Nuclear Help Desk at (856) 339-5555
- FTS 2001 line extension problems/NRC designated line extensions, contact Nuclear Help Desk at (856) 339-5555 and notify the NRC Duty Officer (1-301-816-5100 or 1-301-951-0550) of test failure
- Fax problems contact NES Service 1-800-893-5395

COMMENTS:

Completed By: _____

ATTACHMENT 1B **COMMUNICATION CHECKLISTS – HOPE CREEK STATION**

5. **INITIATE** a phone test call monthly to the agencies listed below. All test calls will be made from NETS lines in the locations indicated.

NOTE:

The following test message will be used for all communications tests:

"This is _____ from PSEG Emergency Preparedness Group. This is a telephone communications test. Can you hear me clearly? (Wait for response, document any poor quality of transmission). This completes the communications test. Thank you for your cooperation."

FEDERAL, STATE AND COUNTY

Primary Lines	NETS Number	SAT/ UNSAT	Date/Time	Location From:
Hope Creek Control Room				
Cumberland Cnty. EOC	5403			OS Superintendent Office NETS line
New Castle County EOC	5408			
Hope Creek TSC				
Kent County EOC	5409			TSC NETS line
Lower Alloways Creek	5404			

6. **VERIFY** dial tone on all of the FTS 2001 phone lines listed below. Select one FTS 2001 phone line from each facility and initiate the phone call test to the NRC recorded line (1-301-816-5100 or 1-301-951-0550) using the test message.

NRC/FTS 2001 COMMUNICATIONS DRILL CHECKLIST

FTS 2001 lines	FTS Number	SAT/ UNSAT	Date/Time	Location From:
Hope Creek Control Room				
ENS (total 2 lines)	700-361-7139 *			Control Room/OS Office
Hope Creek TSC				
ENS (total 2 lines)	700-361-7139 *			CM1/CM2
HPN (total 2 lines)	700-361-7135 *			RAC/RP staff
RSCL	700-361-7136			OPS/ENG
PMCL	700-361-7137			CHEM

* Verify dial tone on extra phone lines.

**ATTACHMENT 1B
COMMUNICATION CHECKLISTS – HOPE CREEK STATION**

7. **INITIATE** a monthly telecopy test from Hope Creek Generating Station's emergency response facilities to each of the following agencies using Attachment 2 Fax Test Form.

TRANSMIT TEST FAX FROM LOCATION:	FAX NUMBER	For Info: Group A consists of	SAT/ UNSAT	DATE/TIME
HOPE CREEK Control Room	Group A	NJSP 5413 DEMA 5419 BNE 5411 EOF 5035 HC – TSC 5216		
HOPE CREEK TSC	Group A	NJSP 5413 DEMA 5419 BNE 5411 EOF 5035		

NOTE:

Possible solutions for any test communication transmissions that were unsatisfactory:

- NETS line extension problems contact Nuclear Help Desk at (856) 339-5555
- FTS 2001 line extension problems/NRC designated line extensions, contact Nuclear Help Desk at (856) 339-5555 and notify the NRC Duty Officer (1-301-816-5100 or 1-301-951-0550) of test failure
- Fax problems contact NES Service 1-800-893-5395

COMMENTS:

Completed By: _____

ATTACHMENT 1C COMMUNICATION CHECKLISTS – EOF STATION

8. **INITIATE** a phone test call monthly to the agencies listed below. All test calls will be made from NETS lines in the locations indicated.

NOTE:

The following test message will be used for all communications tests:

“This is _____ from PSEG Emergency Preparedness Group. This is a telephone communications test. Can you hear me clearly? (Wait for response, document any poor quality of transmission). This completes the communications test. Thank you for your cooperation.”

FEDERAL, STATE AND COUNTY

Primary Lines	NETS Number	SAT/ UNSAT	Date/Time	Location From:
EOF				
Del. State Police	5406			EOF NETS line
NJSP Comm. Sgt.	5400			

9. **VERIFY** dial tone on all of the FTS 2001 phone lines listed below. Select one FTS 2001 phone line from each facility and initiate the phone call test to the NRC recorded line (1-301-816-5100 or 1-301-951-0550) using the test message.

NRC/FTS 2001 COMMUNICATIONS DRILL CHECKLIST

FTS 2001 lines	FTS Number	SAT/ UNSAT	Date/Time	Location From:
EOF				
ENS (total 2 lines)	700-361-3874 *			COMM AREA/NRC
HPN (total 2 lines)	700-361-3871 *			RAD PRO/NRC
RSCL	700-361-3873			TSM
PMCL	700-361-3876			RAD PRO – DOSE
MCL	700-361-3872			LEADS AREA
LAN	700-361-3875			NRC

* Verify dial tone on extra phone lines.

**ATTACHMENT 1C
COMMUNICATION CHECKLISTS – EOF STATION**

10. **INITIATE** a monthly telecopy test from Hope Creek Generating Station's emergency response facilities to each of the following agencies using Attachment 2 Fax Test Form.

TRANSMIT TEST FAX FROM LOCATION:	FAX NUMBER	For Info: Group A consists of	SAT/ UNSAT	DATE/TIME
EOF	Group A	NJSP 5413 DEMA 5419 BNE 5411 HC-TSC 5 216 SGS -TSC 5114		

NOTE:

Possible solutions for any test communication transmissions that were unsatisfactory:

- NETS line extension problems contact Nuclear Help Desk at (856) 339-5555
- FTS 2001 line extension problems/NRC designated line extensions, contact Nuclear Help Desk at (856) 339-5555 and notify the NRC Duty Officer (1-301-816-5100 or 1-301-951-0550) of test failure
- Fax problems contact NES Service 1-800-893-5395

COMMENTS:

Completed By: _____

ATTACHMENT 2
TELECOPY TEST MESSAGE FORM

THIS IS A TEST THIS IS A TELECOPIER TRANSMISSION TEST FROM HOPE
CREEK AND SALEM GENERATING STATIONS EMERGENCY RESPONSE FACILITIES.

NO FURTHER ACTION IS REQUIRED.



PREPARED TO PROTECT

TEST

**ATTACHMENT 3
COMMUNICATIONS DRILL CHECKLIST
FULL FAN OUT - NEW JERSEY & DELAWARE**

1. The Emergency Preparedness Representative will contact both states at least one week prior to the NRC Evaluated Exercise or Self Evaluated Exercise to conduct a drill of the Full Fan Out Communications Network. This drill will provide a final communications check prior to the exercise.
2. Contact the New Jersey State Police Communications Sergeant on the NETS line from Hope Creek/Salem Generating Station Control Room and/or telephone (609) 882-4201 and the Delaware State Police on the NETS line or telephone (302) 739-5851 to alert them to receive a telecopy message.
3. Transmit Full Fan Out Telecopy Form Attachment 3A, using "Group A" Button on the telecopier.
4. After the message has been transmitted, verify receipt with follow up telephone calls and complete the following:

New Jersey State Police

(name of recipient)

Drill Coordinator

Date/Time

Copy Quality	
Sat _____	Unsat _____

Delaware State Police

(name of recipient)

Drill Coordinator

Date/Time

Copy Quality	
Sat _____	Unsat _____

5. Describe any discrepancies/corrective actions taken:
6. Return this form when completed to Emergency Preparedness, Mail Code N37.

**ATTACHMENT 3A
FULL FAN OUT TELECOPY FORM**

THIS IS A TEST MESSAGE FORM PROVIDED FOR TELECOPY USE

"THIS IS A TEST. THIS IS THE COMMUNICATOR AT _____
(SPECIFY STATION)

PLEASE INITIATE A FULL FAN OUT COMMUNICATIONS TEST OF YOUR AGENCIES.
WHEN FULLY ACTIVATED THIS TEST SHALL BE CONSIDERED COMPLETE. THANK
YOU FOR YOUR COOPERATION. THIS IS A TEST."

_____/_____
DATE TIME

NAME

ATTACHMENT 4
PSEG NUCLEAR EMERGENCY PLAN
COMMUNICATIONS DRILL CHECKLIST
PSEG NUCLEAR FACILITIES & COMMUNICATIONS: RESPONSE TEAMS

1. The Emergency Preparedness Representative will ensure testing is performed within PSEG Nuclear facilities using the Nuclear Emergency Telecommunications System (NETS).
2. EP Representative will contact the Operations Superintendent (OS) to prearrange testing for an acceptable time/date. The EP Representative shall initiate phone calls/call back from the Control Room and OSC to each facility listed below, when manned.

Repeat the following message:

"THIS IS A COMMUNICATIONS TEST. THIS IS _____, HOW DO YOU HEAR ME? (PAUSE FOR RESPONSE) I HEAR YOU LOUD AND CLEAR (OR THE QUALITY OF VOICE TRANSMISSION)." The same communications test should then be performed with the callee initiating the call, followed by, "THIS COMPLETES THE COMMUNICATIONS TEST."

FROM/TO	NETS #	SAT	UNSAT	CALLER	TIME	DATE
HC OS <____> HC TSC	5224/5200					
HC CR <____> HC TSC	5221/5201					
HC CR <____> HC OSC	5221/5226					
HC CR <____> EOF	5221/5012					
HC OSC <____> HC TSC	5226/5202					
HC OSC <____> HC CP	5226/5230					
HC TSC <____> EOF (RSM)	5202/5001					
HC TSC <____> EOF (SSM)	5200/5012					
HC TSC <____> EOF (TSM)	5201/5007					
SGS TSC <____> EOF (RSM)	5102/5001					
SGS TSC <____> EOF (SSM)	5100/5012					
SGS TSC <____> EOF (TSM)	5101/5007					
SGS OS <____> SGS TSC	5127/5100					
SGS CR1 <____> SGS TSC	5120/5100					
SGS CR2 <____> SGS TSC	5123/5100					
SGS OSC <____> SGS TSC	5128/5100					
SGS OSC <____> SGS CP	5128/5132					

3. The remaining NETS telephones shall be tested by calling another NETS telephone close by, verify ringing and quality of voice transmission. Then reverse the process and perform call back.
4. Describe any unsatisfactory condition/corrective actions taken:
5. Forward all completed forms to Emergency Preparedness, Mail Code N37.

NC.EP-FT.ZZ-0006 (Q) Rev. 00

EMERGENCY RESPONSE DATA SYSTEM (ERDS) TEST WITH NRC
SALEM STATION

PSE&G

CONTROL

COPY # EP12059

USE CATEGORY: **II**

REVISION SUMMARY:

1. This procedure is a rewrite of "Emergency Plan Implementing Procedure (EPIP) 1008, Emergency Communications Drill, Attachment 8A & 8B "Emergency Response Data System (ERDS) Test With NRC" Rev. 17, and a reformat into the NC.NA-AP.ZZ-0001(Q) Nuclear Procedure System, structure.

IMPLEMENTATION REQUIREMENTS

Implementation Date: 12-6-01

APPROVED: _____


EP Manager

12/19/01
Date

EMERGENCY COMMUNICATIONS DRILL**TABLE OF CONTENTS**

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1.0 **PURPOSE**

The performance of Communication Drills, required to be conducted by an Emergency Preparedness Group Work Activity Surveillance.

2.0 **PREREQUISITES**

None

3.0 **PRECAUTIONS AND LIMITATIONS**

None

4.0 **EQUIPMENT REQUIRED**

None

5.0 **PROCEDURE**

5.1 Perform Attachment 1 (QUARTERLY), Emergency Response Data System (ERDS) Test with NRC – Salem Unit 1

5.2 Perform Attachment 2 (QUARTERLY), Emergency Response Data System (ERDS) Test with NRC – Salem Unit 2

6.0 **RECORDS**

6.1 **Records**

Ensure copies of appropriate completed forms are forwarded to Emergency Preparedness, N37. Attach any referenced completed forms, transmittal sheets, or attachments.

7.0 **REFERENCES**

7.1 **Reference**

PSEG Nuclear Emergency Plan, Section 15, Exercises and Drills

Salem EAL/RAL Technical Basis, 11.7.1.C

**ATTACHMENT 1
EMERGENCY RESPONSE DATA SYSTEM (ERDS)
QUARTERLY TEST WITH NRC - SALEM UNIT 1**

1. Upon receipt of appropriate recurring task, Operations Superintendent (OS)/designee shall direct an Operator to implement this attachment on the date specified.

NOTE

Salem Units 1 and 2 will be tested on **Wednesday** of the **third** full week (during **first** month) of **each quarter**, between 0800 hrs. and 1600 hrs. The first week of a quarter is taken to be first entire work week (Monday to Friday). Any scheduled test days that fall on Federal holidays will be rescheduled to Friday of the same week.

The Operator implementing this attachment shall:

Initials

- _____
NCO
2. Contact the NRC Test Monitor at 301-415-5015 and provide the following message:

"This is _____ at Salem Generating Station.
(your name)

I will be activating the Salem Unit 1 ERDS for the quarterly test. Are you ready for the test to commence?"

If **READY**, request the NRC Test Monitor to contact you at the end of the test.
(Provide a callback number; e.g., Unit 1: 856-339-5201).

If **NOT READY**, establish a call back time to perform the test:

(Call Back Time)

(Name of NRC Test Monitor)

ATTACHMENT 1 (CONT.)

- ____ 3. Record the following information for Unit 1 test:
NCO

Test date: _____ Test start time: _____

- ____ 4. After NRC concurrence is obtained, begin the ERDS test as follows:
NCO

- a. Proceed to an SPDS terminal in the Unit 1 Control Room and press the **<UNIT MASTER MENU>** key.
- b. Press the **<ERDS>** key; the ERDS menu will appear.
- c. Verify satisfactory communications status by observing the following indications:

ERDS LINK STATUS	"NOT ACTIVATED"
ERDS COMPUTER STATUS	"OKAY"
- d. If communication status is not as required by the previous step, do not continue ERDS activation. Skip to step 7 in this procedure and inform the Digital Systems Group of the discrepancy.
- e. Press the **<SHIFT>** and **<1>** keys to select "ACTIVATE ERDS COMMUNICATION".
- f. When prompted to confirm, type a **<Y>** and then, press the **<RETURN>** key to execute; "ERDS ACTIVATION ACCEPTED" will display.
- g. Observe activation sequence messages on lower half of the screen (next to ERDS LINK STATUS):

**DIALING
TRANSMITTING DATA**

NOTE

During the testing process, the NRC will interrupt the data transmission to test the automatic reconnect feature of the system. No operator action is required.

ATTACHMENT 1 (CONT.)

Initials

- h. Inform CRS of successful ERDS activation status (i.e., ERDS LINK STATUS display would indicate, "TRANSMITTING DATA".)

OR

If ERDS activation is not successful, inform the CRS and then request support from Digital Systems Group per Step 7.

NOTE

If the NRC phone line or modem used for ERDS data transmission is inoperable, the NRC operations center should be informed so that repairs can be ordered. However, an eight hour report is not required.

- i. SPDS Terminal now can be used as needed. DO NOT terminate ERDS transmission until notified by the NRC that the ERDS test is complete.
- j. When all phases of the test are complete, the NRC will request ERDS Termination; at that time, proceed to Termination section below.

EMERGENCY RESPONSE DATA SYSTEM (ERDS) - TERMINATION

5. When directed by the NRC, terminate Emergency Response
NCO Data System (ERDS) transmission as follows:
- a. Return to the SPDS terminal in the Unit 1 Control Room and press the **<UNIT MASTER MENU>** key.
- b. Press the **<ERDS>** key; the ERDS menu will appear.
- c. Press the **<SHIFT>** and **<2>** keys to select "TERMINATE ERDS COMMUNICATION".
- d. When prompted to confirm, type a **<Y>** and then, press the **<RETURN>** key to execute; "ERDS TERMINATION ACCEPTED" will display.
- e. Observe deactivation sequence messages on the lower half of the screen under ERDS LINK STATUS:

ATTACHMENT 1 (CONT.)

TERMINATING
NOT ACTIVATED

NOTE

Once ERDS is deactivated (i.e., NOT ACTIVATED) do not attempt to reactivate ERDS within seven minutes of termination or the NRC's computer may lockup, causing any attempts to reactivate ERDS to be unsuccessful.

Initials

- f. Inform the CRS when ERDS Termination is successful; (i.e., ERDS LINK STATUS will indicate, "NOT ACTIVATED").

OR

If ERDS Termination is not successful, request support from the Digital Systems Group. (Contacts are listed in Step 7.)

- g. Record **TEST COMPLETION** Time here:

6. If problems were noted during the test, record the results below; (indicate any identified by the NRC). If no problems were noted, circle: "No Problems Noted" below:

NCO

Unit 1 Test Date: _____ Test Time: _____

Problems Noted During the Test:

No Problems Noted - (circle if applicable)

ATTACHMENT 1 (CONT.)

InitialsNCO

7. Report any problems noted to the Digital Systems Group by contacting one of the following individuals: (Circle Name of Individual Contacted)

<u>Name</u>	<u>Office Extension</u>	<u>Pager</u>
a. Jack Southers	x 5630	877-550-8020
b. Jeff Porter	x 3414	877-502-0893

NCO

8. Document who performed and reviewed the test results below:

Test performed by: _____ on _____
 (Name) (Date)

Test reviewed by: _____ on _____
 (SRO Name) (Date)

NOTE

Documentation must be retained by the Document/Records Management Group.

SRO

9. Attach all documentation to the work order package ensuring proper close out and processing by the Planning Department and Records Management Group.

**ATTACHMENT 2
EMERGENCY RESPONSE DATA SYSTEM (ERDS)
QUARTERLY TEST WITH NRC - SALEM UNIT 2**

1. Upon receipt of appropriate recurring task, the Operations Superintendent (OS)/designee shall direct an Operator to implement this attachment on the date specified.

NOTE

Salem Units 1 and 2 will be tested on **Wednesday** of the **third** full week (during **first** month) of **each quarter**, between 0800 hrs. and 1600 hrs. The first week of a quarter is taken to be first entire work week (Monday to Friday). Any scheduled test days that fall on Federal holidays will be rescheduled to Friday of the same week.

The Operator implementing this attachment shall:

Initials

- _____ 2. Contact the NRC Test Monitor at 301-415-5015 and provide the following message:
NCO

**"This is _____ at Salem Generating Station.
(your name)"**

I will be activating the Salem Unit 2 ERDS for the quarterly test. Are you ready for the test to commence?"

If **READY**, request the NRC Test Monitor to contact you at the end of the test. (Provide a callback number; e.g., Unit 2: 856-339-5202).

If **NOT READY**, establish a call back time to perform the test:

(Call Back Time)

(Name of NRC Test Monitor)

ATTACHMENT 2 (CONT.)

3. Record the following information for Unit 2 test:
NCO
Test date:_____ Test start time: _____
4. After NRC concurrence is obtained, begin the ERDS test
NCO as follows:
- a. Proceed to an SPDS terminal in the Unit 2 Control Room and press the **<UNIT MASTER MENU>** key.
 - b. Press the **<ERDS>** key; the ERDS menu will appear.
 - c. Verify satisfactory communications status by observing the following indications:

ERDS LINK STATUS	"NOT ACTIVATED"
ERDS COMPUTER STATUS	"OKAY"
 - d. If communication status is not as required by the previous step, do not continue ERDS activation. Skip to step 7 in this procedure and inform the Digital Systems Group of the discrepancy.
 - e. Press the **<SHIFT>** and **<1>** keys to select "ACTIVATE ERDS COMMUNICATION".
 - f. When prompted to confirm, type a **<Y>** and then, press the **<RETURN>** key to execute; "ERDS ACTIVATION ACCEPTED" will display.
 - g. Observe activation sequence messages on lower half of the screen (next to ERDS LINK STATUS):

**DIALING
TRANSMITTING DATA****NOTE**

During the testing process, the NRC will interrupt the data transmission to test the automatic reconnect feature of the system. No operator action is required.

ATTACHMENT 2 (CONT.)

Initials

- h. Inform CRS of successful ERDS activation status (i.e., ERDS LINK STATUS display would indicate, "TRANSMITTING DATA".)

OR

If ERDS activation is not successful, inform the CRS and then request support from Digital Systems Group per Step 7.

NOTE

If the NRC phone line or modem used for ERDS data transmission is inoperable, the NRC operations center should be informed so that repairs can be ordered. However, an eight hour report is not required.

- i. SPDS Terminal now can be used as needed. DO NOT terminate ERDS transmission until notified by the NRC that the ERDS test is complete.
- j. When all phases of the test are complete, the NRC will request ERDS Termination; at that time, proceed to Termination section below.

EMERGENCY RESPONSE DATA SYSTEM (ERDS) - TERMINATION

5. When directed by the NRC, terminate Emergency Response
NCO Data System (ERDS) transmission as follows:
- a. Return to the SPDS terminal in the Unit 2 Control Room and press the **<UNIT MASTER MENU>** key.
- b. Press the **<ERDS>** key; the ERDS menu will appear.
- c. Press the **<SHIFT>** and **<2>** keys to select "TERMINATE ERDS COMMUNICATION".
- d. When prompted to confirm, type a **<Y>** and then, press the **<RETURN>** key to execute; "ERDS TERMINATION ACCEPTED" will display.
- e. Observe deactivation sequence messages on the lower half of the screen under ERDS LINK STATUS:

ATTACHMENT 2 (CONT.)

TERMINATING
NOT ACTIVATED

NOTE

Once ERDS is deactivated (i.e., NOT ACTIVATED) do not attempt to reactivate ERDS within seven minutes of termination or the NRC's computer may lockup, causing any attempts to reactivate ERDS to be unsuccessful.

Initials

- f. Inform the CRS when ERDS Termination is successful; (i.e., ERDS LINK STATUS will indicate, "NOT ACTIVATED").

OR

If ERDS Termination is not successful, request support from the Digital Systems Group. (Contacts are listed in Step 7.)

- g. Record **TEST COMPLETION** Time here:

6. If problems were noted during the test, record the results below; (indicate if identified by the NRC). If no problems were noted, circle: "No Problems Noted" below:

NCO

Unit 2 Test Date: _____ Test Time: _____

Problems Noted During the Test:

No Problems Noted - (circle if applicable)

ATTACHMENT 2 (CONT.)

Initials

7. Report any problems noted to the Digital Systems Group
NCO by contacting one of the following individuals: (Circle Name of Individual
Contacted)

<u>Name</u>	<u>Office Extension</u>	<u>Pager</u>
a. Jack Southers	x 5630	877-550-8020
b. Jeff Porter	x 3414	877-502-0893

8. Document who performed and reviewed the test results below:
NCO

Test performed by: _____ on _____
(Name) (Date)

Test reviewed by: _____ on _____
(SRO Name) (Date)

NOTE

Documentation must be retained by the Document/Records Management Group.

9. Attach all documentation to the work order package ensuring proper close out
SRO and processing by the Planning Department and Records Management
Group.

NC.EP-FT.ZZ-0007 (Q) Rev. 00

EMERGENCY RESPONSE DATA SYSTEM (ERDS) TEST WITH NRC
HOPE CREEK STATION

PSE&G
CONTROL
COPY #

EPIP059

USE CATEGORY: **II**


REVISION SUMMARY:

1. This procedure is a rewrite of "Emergency Plan Implementing Procedure (EPIP) 1008, Emergency Communications Drill, Attachment 9 "Emergency Response Data System (ERDS) Test With NRC" Rev. 17, and a reformat into the NC.NA-AP.ZZ-0001(Q) Nuclear Procedure System, structure.

IMPLEMENTATION REQUIREMENTS

Implementation Date: 12-6-01

APPROVED: _____



EP Manager

11/19/01
Date

EMERGENCY COMMUNICATIONS DRILL**TABLE OF CONTENTS**

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1.0 **PURPOSE**

The performance of Communication Drills, required to be conducted by an Emergency Preparedness Group Work Activity Surveillance.

2.0 **PREREQUISITES**

None

3.0 **PRECAUTIONS AND LIMITATIONS**

None

4.0 **EQUIPMENT REQUIRED**

None

5.0 **PROCEDURE**

5.1 Perform Attachment 1 (QUARTERLY), Emergency Response Data System (ERDS) Test with NRC – Hope Creek.

6.0 **RECORDS**

6.1 **Records**

Ensure copies of appropriate completed forms are forwarded to Emergency Preparedness, N37. Attach any referenced completed forms, transmittal sheets, or attachments.

7.0 **REFERENCES**

7.1 **Reference**

PSEG Nuclear Emergency Plan, Section 15, Exercises and Drills

Hope Creek EAL/RAL Technical Basis, 11.7.1.C

**ATTACHMENT 1
EMERGENCY RESPONSE DATA SYSTEM (ERDS)
QUARTERLY TEST WITH NRC – HOPE CREEK**

1. Upon receipt of appropriate recurring task, the Operations Superintendent (OS)/designee shall direct an Operator to implement this attachment on the date specified.

NOTE

The **Hope Creek Unit** will be tested on **Thursday** of the **first** full week (during first month) of **each quarter**; between 0800 hrs. and 1600 hrs. The first week of a quarter is taken to be the first entire work week – (Monday to Friday). Any scheduled test days that fall on Federal holidays will be rescheduled to Friday of the same week.

The Operator implementing this attachment shall:

Initials

- _____ 2. Contact the NRC Test Monitor at 301-415-5015 and provide the following message:
- NCO/E

**"This is _____ at Hope Creek Generating
(Your Name)**

**Station. I will be activating the Hope Creek ERDS for the quarterly test.
Are you ready for the test to commence?"**

If **READY**, request the NRC Test Monitor to contact you at the end of the test. (Be sure to provide a call-back number; e.g., 856-339-3059).

If **NOT READY**, establish a call back time to perform the test:

_____ (Call Back Time)

_____ (Name of NRC Test Monitor)

- _____ 3. Record the following information:
- NCO/EO

Test date: _____ Test start time: _____

ATTACHMENT 1 (CONT.)

Initials

4. After NRC concurrence is obtained, begin the ERDS test
NCO/EO as follows:
- a. Proceed to an SPDS terminal in the Control Room and press the <ERDS> key; the ERDS menu will appear.
 - b. Verify satisfactory communications status by observing the following indications:

ERDS LINK STATUS	"NOT ACTIVATED"
ERDS COMPUTER STATUS	"OKAY"
 - c. If communication status is not as required by the previous step, do not continue ERDS activation. Skip to step 7 in this procedure and inform the Digital Systems Group of the discrepancy.
 - d. Press the <PAGE UP> key to select "ACTIVATE ERDS COMMUNICATION".
 - e. When prompted to confirm, type a <1> and then, press the <EXEC> key to execute; "ERDS ACTIVATION ACCEPTED" will display.
 - f. Observe activation sequence messages on lower half of the screen (next to ERDS LINK STATUS):

**DIALING
TRANSMITTING DATA**

NOTE

During the testing process, the NRC will interrupt the data transmission to test the automatic reconnect feature of the system. No operator action is required.

ATTACHMENT 1 (CONT.)

EMERGENCY RESPONSE DATA SYSTEM (ERDS) - TERMINATION

Initials

- g. Inform CRS of successful ERDS activation status (i.e., ERDS LINK STATUS display would indicate, "TRANSMITTING DATA").

OR

If ERDS activation is not successful, inform the CRS and then request support from Digital Systems Group per Step 7.

NOTE

If the NRC phone line or modem used for ERDS data transmission is inoperable, the NRC operations center should be informed so that repairs can be ordered. However, an eight hour report is not required.

- h. SPDS Terminal now can be used as needed. DO NOT terminate ERDS transmission until notified by the NRC that the ERDS test is complete.
- i. When all phases of the test are complete, the NRC will request ERDS Termination; at that time, proceed to Termination section below.

5. When directed by the NRC, terminate Emergency Response Data System (ERDS) transmission as follows:

NCO/EO

- a. Return to the SPDS terminal in the Control Room and press the **<ERDS>** key; the ERDS menu will appear.
- b. Press the **<PAGE DOWN>** key; to select "TERMINATE ERDS COMMUNICATION".
- c. When prompted to confirm, type a "2" and then, press the **<EXEC>** key to execute; "ERDS TERMINATION ACCEPTED" will display.
- d. Observe deactivation sequence messages on the lower half of the screen under ERDS LINK STATUS:

**TERMINATING
NOT ACTIVATED****NOTE**

Once ERDS is deactivated (i.e., NOT ACTIVATED) do not attempt to reactivate ERDS within seven minutes of termination or the NRC's computer may lockup, causing any attempts to reactivate ERDS to be unsuccessful.

ATTACHMENT 1 (CONT.)

Initials

- e. Inform the CRS when ERDS Termination is successful; (i.e., ERDS LINK STATUS will indicate, "NOT ACTIVATED").

OR

If ERDS Termination is not successful, request support from the Digital Systems Group. (Contacts are listed in Step 7.)

- f. Record **TEST COMPLETION** Time here:

____ 6.
NCO/EO

If problems were noted during the test, record the results below; (indicate if identified by the NRC). If no problems were noted, circle: "No Problems Noted" below:

Hope Creek Test Date: _____ Test Time: _____

Problems Noted During the Test:

No Problems Noted - (circle if applicable)

____ 7.
NCO/EO

Report any problems noted to the Digital Systems Group by contacting one of the following individuals: (Circle Name of Individual Contacted)

<u>Name</u>	<u>Office Extension</u>	<u>Pager</u>
a. Jack Southers	x 5630	877-550-8020
b. Jeff Porter	x 3414	877-502-0893

ATTACHMENT 1 (CONT.)

Initials

8. Document who performed and reviewed the test results below:

Test performed by: _____ on _____
(Name) (Date)

Test reviewed by: _____ on _____
(SRO Name) (Date)

NOTE

Documentation must be retained by the Document/Records Management Group.

 9. Attach all documentation to the work order package ensuring proper close out
SRO and processing by the Planning Department and Records Management
Group.