



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

EMERGENCY PLAN

FORM 1000.06A

COMMUNICATIONS EQUIPMENT TESTS
1903.61 REV. 1

UN - Controlled Copy # 107

RECORD OF CHANGES AND REVISIONS

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APPROVED BY:

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APPROVAL DATE

12/23/81

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PLANT MANUAL SECTION:
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PROCEDURE

PROCEDURE/WORK PLAN TITLE:

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1.0 PURPOSE

The purpose of this procedure is to provide the requirements for testing the emergency communications equipment and to identify the necessary roster/call lists that must be verified periodically.

2.0 SCOPE

This procedure applies to communications systems and roster/call lists that would be used during an emergency situation at ANO.

3.0 REFERENCES

3.1 References Used in Procedure Preparation

3.1.1 Arkansas Nuclear One Emergency Plan

3.2 References Used in Conjunction with this Procedure

3.2.1 None

3.3 Related ANO Procedures

3.3.1 None

4.0 DEFINITIONS

None

5.0 RESPONSIBILITIES

5.1 The Emergency Planning Coordinator is responsible for coordinating ANO emergency communications equipment tests as required by this procedure.

6.0 DESCRIPTION

6.1 The following communications equipment/systems are available for use during an emergency:

6.1.1 Continental Telephone system

6.1.2 ANO plant phone system

6.1.3 Gai-tronics paging system

6.1.4 ANO radio system

6.1.5 NRC ENS (Hotline) phone

6.1.6 NRC HPN phone



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6.2 The following roster/call lists are maintained in each Control Room for use during an emergency:

6.2.1 Duty Emergency Coordinator Roster

6.2.2 Staff Augmentation Group Roster/Call List

6.2.3 Beeper Assignment List

7.0 INSTRUCTIONS

7.1 The following items shall be accomplished on a monthly basis by the Emergency Planning Coordinator or a designee:

7.1.1 Verify the operability of the direct Continental Telephone lines to each Control Room.

7.1.2 Verify the operability of the radios located in at least one of the following areas:

- A. Unit One Control Room
- B. Unit Two Control Room
- C. Technical Support Center
- D. Emergency Control Center
- E. Site Vehicles (except Security vehicles)
- F. Communications Equipment Locker
- G. AP&L Local Office

7.1.3 Verify the operability of the NRC-HPN phones in at least one of the following locations:

- A. Unit One Control Room
- B. Unit Two Control Room
- C. Technical Support Center
- D. Emergency Control Center



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7.1.4 Verify the telephone numbers for the following groups:

- A. Nuclear Regulatory Commission
- B. Arkansas Department of Health
- C. Little Rock Control Center
- D. Four - County Sheriffs
- E. National Weather Service

7.1.5 Verify the placement and correctness of the roster/call lists maintained in the following locations:

- A. Unit One Control Room
- B. Unit Two Control Room

7.1.6 The following communications equipment/systems do not require additional testing due to the indicated reasons:

- A. NRC-ENS (Hotline) phone (used daily by the Shift Supervisors).
- B. ANO plant phone system, AP&L microwave system and the Gai-tronics paging system (used as a part of normal plant operation).
- C. Early Warning System (tested by the State of Arkansas).

7.2 Form 1903.61A, "Monthly Communications Testing Record", should be completed to document the performance of the monthly test.

7.3 Communications links between the plant, federal, state and local emergency operation centers and field assessment teams shall be tested annually (this may be done as a part of the plant's annual exercise). Form 1903.61B should be completed to document this test.

8.0 ACCEPTANCE CRITERIA

- 8.1 Tests shall be carried to a conclusion such that the test is adequate to verify equipment operability.
- 8.2 Upon discovery of inoperable emergency communications equipment, action shall be taken to initiate repair of the equipment.



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8.3 Emergency communications equipment shall be tested following repairs to ensure that the repair effort was successful.

9.0 ATTACHMENTS AND FORMS

9.1 Attachment 1, "Emergency Communication Links"

9.2 Form 1903.61A, "Monthly Communications Testing Record"

9.3 Form 1903.61B, "Annual Communications Testing Record"



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ATTACHMENT 1

Communication Links Available
Between the Emergency Response
Centers

	CONTROL ROOM	ONSITE OPERATIONAL SUPPORT CENTER	ONSITE TECHNICAL SUPPORT CENTER	EMERGENCY CONTROL CENTER	RUSSELLVILLE FIRE DEPARTMENT	POPE COUNTY SHERIFF OFFICE	NRC REGION IV OFFICE & BETHESDA	AP&L CORPORATE OFFICES/LITTLE ROCK	STATE OF ARKANSAS EMERGENCY SERVICES	DEPT. OF HEALTH	ST. MARY'S HOSPITAL	POPE COUNTY EMERGENCY OPERATIONS CENTER	LOGAN, YELL*, AND JOHNSON COUNTY EMERGENCY OPERATIONS CENTERS	U.S. D.O.E. OAK RIDGE RAD. COORD. OFFICE
CONTROL ROOM	1 3 4	1 3 4	1 3 4	1 3 5	1 6	1 6	1 7	1 2	1 5 8	1 8	1 1	1 6 8	1 6 8	1
ONSITE OPERATIONAL SUPPORT CENTER	1 3 4	-	3 4	3	1	1	1	1	1	1	1	1	1	1
ONSITE TECHNICAL SUPPORT CENTER	1 3 4	3 4	-	3	1	1	1	2	1	1	1	1	1	1
EMERGENCY CONTROL CENTER	1 3 5	3	3	-	1	1	7	2	1 5	1	1	1	1	1
RUSSELLVILLE FIRE DEPARTMENT	1 6	1	1	1	-	1 6	1	1	1 6	1 6	1	1 6	1 6	1
POPE COUNTY SHERIFF OFFICE	1 6	1	1	1	1 6	-	1	1	1 6	1	1	1 6	1 6	1
NRC REGION IV OFFICE AND BETHESDA	1 7	1	1	7	1	1	-	1	1	1	1	1	1	1
AP&L CORPORATE OFFICES LITTLE ROCK	1 2	1 2	1 2	1 2	1	1	1	-	1	1	1	1	1	1
STATE OF ARKANSAS OFFICE OF EMERGENCY SERVICES	1 8	1	1	1 5	1 6	1 6	1	1	-	1 8	1	1 6 8	1 6 8	1
DEPARTMENT OF HEALTH	1 8	1	1	1	1	1	1	1	1 8	-	1	1 8	1 8	1
ST. MARY'S HOSPITAL	1	1	1	1	1	1	1	1	1	1	-	1	1	1
POPE COUNTY EMERGENCY OPERATIONS CENTER	1 6 8	1	1	1	1 6	1 6	1	1	1 6 8	1 8	1	-	1 6 8	1
LOGAN, YELL*, AND JOHNSON COUNTY EMERGENCY OPERATIONS CENTERS	1 6 8	1	1	1	1 6	1 6	1	1	1 6 8	1 8	1	1	-	1
U.S. DEPARTMENT OF ENERGY OAK RIDGE RADIOLOGICAL COORDINATING OFFICE	1	1	1	1	1	1	1	1	1	1	1	1	1	-

COMMUNICATION LINKS:

- 1 - Continental Telephone
- 2 - AP&L Microwave Telephone
- 3 - Plant Phone System
- 4 - Cal-Tronics Paging System
- 5 - ANO 4 Channel Radio
- 6 - Pope County Sheriff's Radio/Frequency
- 7 - Hot Line
- 8 - OES Radio/Frequency

* Number 8 not applicable.



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1.0 COMMUNICATIONS EQUIPMENT OPERABILITY TEST

Date _____

1.1 Direct Continental Telephone Line

Location	Results
ANO-1	
ANO-2	

1.2 ANO Radios

	Location	Channels Tested	Results
1.2.1	ANO-1/ANO-2/	1,2,3,4,5,6,7,8	
	TSC/ECC	1,2,3,4,5,6	
1.2.2	ANO Van	1,2,3	
1.2.3	ANO Pickup	1,2,3	
1.2.4	GM Car	1,2,3	
1.2.5	Portable Radios:		
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	
	Unit _____	1,2,3	

1.3 NRC-HPN Phones

Location	Results
ANO-1/ANO-2/TSC/ECC	



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1.4 Key Button Phones

	Location	Lines Tested	Results
1.4.1	ANO-1 (Sta. _____)		
1.4.2	ANO-2 (Sta. _____)		
1.4.3	TSC (Sta. _____)		
1.4.4	ECC (Sta. _____)		

2.0 TELEPHONE NUMBER VERIFICATION

	Agency	Phone No.
2.1	NRC	
2.2	Department of Health	
2.3	Little Rock Control Center	
2.4	National Weather Service	
2.5	Pope County Sheriff	
2.6	Yell County Sheriff	
2.7	Johnson County Sheriff	
2.8	Logan County Sheriff	
2.9	Pope Co. Ambulance Service	
2.10	Russellville Fire Department	
2.11	St. Mary's Hospital	
2.12	Millard Henry Clinic	
2.13	Babcock & Wilcox	
2.14	Combustion Engineering	

3.0 ROSTER/CALL LIST VERIFICATION

	List	ANO-1	ANO-2
3.1	Duty Emergency Coordinator		
3.2	Staff Augmentation Group:		
	Technical Support		
	HP/Radiochemistry		
	Maintenance		
3.3	Beeper Assignment List		

4.0 CORRECTIVE ACTION REQUIRED (IF ANY):

Performed By _____



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Date _____

Location	Phone No.	Results
Pope County EOC		
Yell County EOC		
Logan County EOC		
Johnson County EOC		
TOCC		

Performed By _____