



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

EMERGENCY PLAN PROCEDURE

FORM 1000.06A

EMERGENCY ACTION LEVEL RESPONSE
1903.10 REV. 5

Page 1 of 2

UN Controlled Copy # 103

RECORD OF CHANGES AND REVISIONS

PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE
1	2		19	5		37	4	
2	2		20	5		38	2	
3	5	PC-2	21	5		39	2	
4	4		22	5		40	3	
5	2		23	5		41	3	
6	2		24	5		42	3	
7	2		25	4		43	5	
8	5		26	2		44	5	
9	5		27	3		45	5	
10	5		28	3		46	5	
11	5		29	4		47	5	
12	3		30	5		48	2	
13	2		31	5		49	2	
14	4		32	5		50	4	
						50A	5	PC-4
						50B	5	PC-4
15	2		33	5		51	5	PC-1
16	2		34	5		52	4	
17	2		35	2		53	5	
18	5		36	4		54	5	PC-1

APPROVED BY:

[Signature]

APPROVAL DATE

2/23/87

0200040341 020023
CF ADDCK 05000318
CF

8203120276 820308
PDR ADCK 05000313
F PDR



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

EMERGENCY PLAN PROCEDURE

FORM 1000.06A

EMERGENCY ACTION LEVEL RESPONSE
1903.10 REV. 5

Page 2 of 2

Safety Related
UN - Controlled Copy # 103

RECORD OF CHANGES AND REVISIONS

PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE
55	5	PC-1						
56	5	PC-1						
57	4							
58	5	PC-2						
59	3							
60	5	PC-3						
61	3							

APPROVED BY:

J. P. Hamilton
(GENERAL MANAGER)

APPROVAL DATE

2/23/82



PLANT MANUAL SECTION:

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY PLAN

EMERGENCY ACTION LEVEL RESPONSE

1903.10

ARKANSAS NUCLEAR ONE

PAGE 50A of 61

REVISION 5 DATE 10/5/81

CHANGE PC-4 DATE 2/16/82

**ARKANSAS POWER & LIGHT COMPANY**
Arkansas Nuclear One

TITLE: EMERGENCY ACTION LEVEL (EAL) NOTIFICATION

FORM NO. 1903.10M

REV. # 5 PC # 4

Page 1 of 2

CAUTION: NOTIFICATIONS TO THE STATE OF ARKANSAS WILL REQUIRE USE OF AUTHENTICATION TABLES (ITEM NUMBER 11).

This is (identify yourself) at Arkansas Nuclear One with an Emergency Action Level Notification Report. Acknowledge when you are ready to proceed.

1. ☐ INITIAL ☐ FOLLOW-UP NO. _____
2. N/A
3. N/A
4. Date/Time of Declaration _____
DD MON YY HHMM
5. Unit: ☐ One ☐ Two
6. Class of EAL:
☐ A. UNUSUAL EVENT ☐ D. GENERAL EMERGENCY
☐ B. ALERT ☐ E. NONE
☐ C. SITE EMERGENCY
7. Conditions Requiring EAL: _____

8. Areas Affected (Sectors/Districts): _____

9. Onsite Situation:
 - A. Prognosis of _____
☐ Improving
☐ Stable
☐ Degrading
 - B. General Population Protective Actions Recommended:
☐ None
☐ Shelter
☐ Evacuation
 - C. Institutionalized Protective Actions Recommended:
☐ None
☐ Shelter
☐ Evacuation
 - D. Radiation Monitoring Teams Activated:
☐ Yes
☐ No
 - E. Emergency Response Centers Activated:
☐ None
☐ TSC
☐ ECC



PLANT MANUAL SECTION:

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY PLAN

EMERGENCY ACTION LEVEL RESPONSE

1903.10

ARKANSAS NUCLEAR ONE

PAGE 50B of 61

REVISION 5 DATE 10/5/81

CHANGE PC-4 DATE 2/16/82

**ARKANSAS POWER & LIGHT COMPANY**
Arkansas Nuclear One

TITLE EMERGENCY ACTION LEVEL (EAL) NOTIFICATION

FORM NO. 1903.10M

REV. # 5 PC # 4

Page 2 of 2

F. Local Assistance Requested:

- ☐ Fire
☐ Police
☐ Ambulance
☐ Other _____

G. Evacuation of Onsite Personnel:

- ☐ Yes
☐ No
☐ Some

H. Other Emergency Response Actions Underway: _____

10. Message Sent By: _____

NAME

POSITION

11. Message Authenticated By: _____

A B C D E F G H I J K L M N O (None) /

INDICATE ALPHABETICAL
CHARACTERS CHALLENGEDRESPONSE
GIVEN

12. Type of Release:

- ☐ None ☐ Airborne
☐ Potential ☐ Waterborne
☐ Actual ☐ Surface Spill

13. Description of Released Material (Chemical & Physical Form, Estimate of Equivalent Curies of I-131 & Xe-133 Released, Release Rate (Ci/sec), Iodine/Noble Gas Ratio, etc): _____

14. A. Wind Direction: (From) _____ °

B. Wind Speed: _____ MPH

15. Temperature: _____ °F

16. Form of Precipitation: _____

17. Atmospheric Stability: _____

18. Estimated Start/Duration Time of the Release:

(START)

(DURATION)

19. Dose Rate at the Exclusion Area Boundary (0.65 miles):

_____ mR/hr

- ☐ Projected ☐ Child Thyroid
☐ Actual ☐ Whole Body

20. Projected Dose:

_____ mR/hr ☐ Whole Body ☐ Child Thyroid at _____ miles

21. REMARKS: _____



PLANT MANUAL SECTION:

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY PLAN

EMERGENCY ACTION LEVEL RESPONSE

1903.10

ARKANSAS NUCLEAR ONE

PAGE 60 of 61

REVISION 5 DATE 10/5/81

CHANGE PC-3 DATE 2/16/82

LOCAL CONT.

Page 2 of 3

RUSSELLVILLE: Millard Henry Clinic

968-2345

968-6211

Russellville Fire Department

968-8110

St. Mary's Hospital

968-6211

968-2841

Arkla Gas Company

968-2588

318-226-2700

Missouri-Pacific Railway Co.

968-4167

800-482-5950

KARV

968-1184

ARKANSAS POWER & LIGHT

ARKANSAS NUCLEAR ONE: Emergency Control Center

Main Guard Station

Unit One Control Room

Unit Two Control Room

LITTLE ROCK: Senior Vice President, Energy Supply
(W. Cavanaugh)

(Office)

(Home)

Director, Nuclear Operations
(J. Griffin)

(Office)

(Home)

Director, Technical & Environmental
Services (D. Rueter)

(Office)

(Home)

Director, Fossil Operations
(D. Sikes)

(Office)

(Home)

Vice President, Corporate Communications
(C. Kelly)

(Office)

(Home)

Manager, Corporate Security
(C. Dunn)

(Office)

(Home)

Little Rock Control Center

RUSSELLVILLE: District Office: E. Deaton

(Office)

(Home)

J. Lee

(Office)

(Home)

W. Harris

(Office)

(Home)

Emergency Control Office

THE MATERIAL CONTAINED WITHIN THESE SYMBOLS (V) IS PROPRIETARY
OR PRIVATE INFORMATION.



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

FORM 1000.06A

~~EMERGENCY PLAN PROCEDURE~~FIRE OR EXPLOSION
1903.22 REV. 2**Safety Related****UN - Controlled Copy # 103****RECORD OF CHANGES AND REVISIONS**

PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE
1	1							
2	1							
3	2	PC-1						
4	1							
5	1	PC-1						

APPROVED BY:

(GENERAL MANAGER)

APPROVAL DATE

2/23/82



PLANT MANUAL SECTION:

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY PLAN

FIRE OR EXPLOSION

1903.22

ARKANSAS NUCLEAR ONE

PAGE 3 of 5

REVISION 2 DATE 11/4/81

CHANGE PC-1 DATE 02/5/82

8.0 FOLLOW-UP ACTIONS

- 8.1 Plant conditions shall be monitored in accordance with 1903.10, "Emergency Action Level Response" to determine if any Emergency Action Levels should be declared. An Unusual Event Emergency Action Level shall be declared by the Shift Operations Supervisor if a fire in a vital area is not under control within 10 minutes, or an explosion on site results in equipment damage and/or personnel injury requiring hospitalization.

NOTE: The Fire Brigade Leader shall continue directing the fire fighting efforts until relieved by the Emergency Fire Team Leader.

- 8.2 The Fire Brigade shall take action to extinguish the fire under the direction of the Fire Brigade Leader.

CAUTION: IF MULTIPLE DELUGE SYSTEMS OR MULTIPLE FIRE HOSE USAGE IS REQUIRED WITHIN EITHER UNITS AUXILIARY BUILDING, PERSONNEL SHOULD BE DISPATCHED, WHERE POSSIBLE, TO ISOLATE ALL WATER TIGHT DOORS AND SAFETY EQUIPMENT ROOM FLOOR DRAINS ON THE 317' ELEV. FLOOR OF THE AFFECTED AREA.

- 8.3 The Fire Brigade Leader, under the cognizance of the affected Unit's Shift Operations Supervisor shall be responsible for directing the initial fire fighting efforts. After assessing the extent of the fire, the Fire Brigade Leader shall report to the Shift Operations Supervisor whether the fire can be extinguished by the Fire Brigade alone or if further assistance is required.

- 8.4 The affected unit's Shift Operations Supervisor should determine, based on the Fire Brigade Leader's report, whether additional assistance is required from the Emergency Fire Team, Emergency Radiation Team, and/or the Russellville Fire Department. Notifications should be made, as necessary.

8.4.1 Fire Team (if offsite, refer to Attachment 1, as necessary).

8.4.2 Russellville Fire Department (968-8110).

NOTE: The following groups should be provided with the following information, if known, as applicable:

- A. Description of the fire
- B. Location of the fire
- C. Pre-fire plan number (R.F.D. only)
- D. Access point, if other than the North Gate (R.F.D. only)

2/23/82



PLANT MANUAL SECTION:

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY PLAN

RUSSELLVILLE FIRE DEPARTMENT

1903.70

ARKANSAS NUCLEAR ONE

PAGE 1 of 2

REVISION 1 DATE 6/23/81

CHANGE PC-1 DATE 2/05/82

1.0 PURPOSE

The purpose of this procedure is to provide guidance on the Emergency Plan related response of the Russellville Fire Department should their assistance be required at Arkansas Nuclear One.

2.0 SCOPE

This procedure is applicable to emergency situations requiring offsite firefighting assistance.

3.0 REFERENCES**3.1 References Used in Procedure Preparation:**

- 3.1.1 State of Arkansas Emergency Operations Plan, Annex V - Arkansas Nuclear One Radiological Incident Response Plan.
- 3.1.2 Arkansas Nuclear One Emergency Plan.
- 3.1.3 Letter of Agreement between the Russellville Fire Department and Arkansas Power & Light Company.

3.2 References Used in Conjunction with this Procedure:

- 3.2.1 Pre-Fire Plans

3.3 Related ANO Procedures:

- 3.3.1 1903.22, "Fire or Explosion".

4.0 DEFINITIONS

None

5.0 INSTRUCTIONS

- 5.1 Should the assistance of the Russellville Fire Department be required at Arkansas Nuclear One, the Russellville Fire Department shall be called at 968-8110.

5.2 Provide the Fire Department with the following information, if known:

- 5.2.1 Description of the fire
- 5.2.2 Location of the fire
- 5.2.3 Number of applicable pre-fire plan, if known
- 5.2.4 Access point, if other than the North Gate