



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

TITLE: RECORD OF CHANGES AND REVISIONS

FORM NO. 1000.06A

EMERGENCY PLAN PROCEDURE

REV. #12 PC #

Safety Related YES ☒ NO ☐

EMERGENCY ACTION LEVEL RESPONSE

1903.10 Rev. 8

UN-

105

PAGE	REV	PC#	PAGE	REV	PC#	PAGE	REV	PC#	PAGE	REV	PC#	PAGE	REV	PC#
1	7		41	7										
2	7		42	7										
3	7		43	7										
4	7		44	7										
5	7		45	7										
6	7		46	7										
7	7		47	8										
8	7		48	7										
9	7		49	8										
10	8		50	8										
11	7		51	8										
12	7		52	7										
13	7		53	7										
14	7		54	7										
15	7		55	8										
16	7		56	8										
17	7		57	8										
18	7		58	7										
19	8		59	7										
20	7		60	7										
21	7		61	8										
22	8		62	7										
23	7		63	7										
24	7		64	7										
25	7													
26	7													
27	7													
28	7													
29	7													
30	7													
31	7													
32	7													
33	7													
34	8													
35	7													
36	7													
37	7													
38	7													
39	7													
40	7													

APPROVED BY:

APPROVAL DATE

James M. Lewis
(General Manager)5/6/83
REQUIRED EFFECTIVE DATE:



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY ACTION LEVEL RESPONSE

1903.10

ARKANSAS NUCLEAR ONE

P/G 10 of 64
REVISION 8 DATE 01/28/83
CHANGE DATE



ARKANSAS POWER & LIGHT COMPANY Arkansas Nuclear One

TITLE: EMERGENCY ACTION LEVEL RESPONSE

FORM NO. 1903.10B

REV. # 8 PC #

Page 1 of 2

UNUSUAL EVENT SHIFT ADMINISTRATIVE ASSISTANT NOTIFICATION LIST AND RECORD

Date

INITIALS/TIME

1. Complete as much of Form 1903.10M, "EAL Notification" as available information and time allows.

NOTE: The order of notification may be rearranged as dictated by the situation with approval of the Shift Operations Supervisor. These groups should be contacted by the most expedient means available (paging, contacting appropriate response center for relaying information, direct phone call, radio contact, etc.). The phone numbers (plant personnel) provided are for use if an individual is not onsite, the appropriate response center has not been manned, etc.

2. Provide the initial information on Form 1903.10M to the following groups:

2.1 Duty Emergency Coordinator (a duty roster is maintained in the Control Room area; beeper available; refer to Attachment 1 for telephone numbers as necessary).

2.2 Staff Augmentation Group (as directed by the Shift Operations Supervisor); (a duty roster/call list is maintained in the Control Room area).

NOTE: The following minimum information should be provided to the section leader: affected unit, EAL declared, appropriate plant conditions/parameters, required response.

2.2.1 Health Physics Section (Beeper available)

2.2.2 Engineering/Technical Support Section (Beeper available)

2.3 Nuclear Regulatory Commission [Hotline; or •, or Health Physics Network phone, or

2.4 Arkansas Department of Health [•, • (for contact the OES at •, • or via the OES radio channel and request them to notify the Health Department)].

THE MATERIAL CONTAINED WITHIN THE SYSTEMS (•) IS PROPRIETARY OR PRIVATE INFORMATION.



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE

19 of 64

REVISION

8

DATE

01/28/83

CHANGE

DATE

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

TITLE: EMERGENCY ACTION LEVEL RESPONSE

FORM NO. 1903.10D

REV. # 8 PC #

Page 2 of 2

DATE

INITIALS/TIME

5.3 Direct the implementation of appropriate onsite protective actions.

6. Direct the Facilities Maintenance Coordinator (D. Moore or Bobby Cole; see Attachment 8) to activate the Emergency Control Center.
7. Notify onsite personnel that an Alert has been declared and describe the nature of the alert.
8. Direct operating personnel to closely monitor plant parameters (particularly those identified with the need to escalate to a higher Emergency Action Level.)
9. Perform the duties of the Duty Emergency Coordinator until relieved of those responsibilities (refer to Form 1903.10F).
10. Maintain a log of the incident (this may be delegated to other personnel as available).
11. At the termination of the Emergency Action Level, this Notification List and Record should be turned over to the Duty Emergency Coordinator.

SHIFT OPERATIONS SUPERVISOR



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903 10

ARKANSAS NUCLEAR ONEPAGE 22 of 64
REVISION 8 DATE 3/1/83
CHANGE DATE**ARKANSAS POWER & LIGHT COMPANY**
Arkansas Nuclear One

TITLE: EMERGENCY ACTION LEVEL RESPONSE

FORM NO. 1903.10E

REV. # 8 PC #

Page 3 of 3

DATE _____

INITIALS/TIME

2.8.1 Evacuation Team (Attachment 2) _____ / _____

2.8.2 Fire Team (Attachment 3) _____ / _____

2.8.3 Medical Team (Attachment 4) _____ / _____

2.8.4 Radiation Team (Attachment 5) _____ / _____

2.9 General Manager • _____ / _____

2.10 NRC Resident Inspectors (either one) _____ / _____

2.10.1 • J. Cummins • _____

2.10.2 L.J. Callan • _____ • _____

3. Notify the Duty Emergency Coordinator that the initial notifications have been made (inform him of any individuals that contact could not be made with). _____ / _____

4. Provide updates to the following groups until relieved of this responsibility:

4.1 Duty Emergency Coordinator

4.2 Nuclear Regulatory Commission (Include all available radiological release information)

4.3 Arkansas Department of Health (at least hourly or as directed)

4.4 Little Rock Control Center (unless otherwise directed)

5. Unless required to report onsite, at the termination of the event, notify the individuals contacted in Step 2.8 above to secure from "on call" status. _____ / _____

6. At the termination of the event, this form and other applicable information should be turned over to the Duty Emergency Coordinator.

Shift Administrative Assistant

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



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE

34 of 64

REVISION

8

DATE

01/28/83

CHANGE

DATE

ARKANSAS POWER & LIGHT COMPANY
Arkansas Nuclear One

TITLE EMERGENCY ACTION LEVEL RESPONSE

FORM NO. 1903.10H

REV. # 8 PC #

Page 3 of 3

DATE

INITIALS/TIME

2.8 Technical Support Center Personnel (refer to Attachment
6 for call list). /2.9 Operations Support Center Personnel (refer to Attachment
7 for call list). /2.10 Other Emergency Response Organization personnel (refer to
Attachment 8 for call list). /NOTE: If the Technical Support Center has been activated,
this center may be requested to contact the Resident
NRC Inspectors.

2.11 NRC Resident Inspectors (either one) /

2.11.1 •J. Cummins •

2.11.2 •L.J. Callan •

3. Notify the Duty Emergency Coordinator/Recovery Manager that the
initial notifications have been made (inform him of any individuals
that contact could not be made with). /4. Provide updates to the following groups until relieved of
responsibility:

4.1 Duty Emergency Coordinator/Recovery Manager

4.2 Nuclear Regulatory Commission (Include all available radiological
release information)4.3 Arkansas Department of Health or Technical Operations
Control Center (at least hourly or as directed).4.4 Little Rock Control Center or Emergency Control Center
(as directed).5. At the termination of the event, this form and other applicable information
should be turned over to the Duty Emergency Coordinator/Recovery Manager.

Shift Administrative Assistant

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



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE 47 of 64
REVISION 8 DATE 01/10/83
CHANGE DATEARKANSAS POWER & LIGHT COMPANY
Arkansas Nuclear One

TITLE: EMERGENCY ACTION LEVEL RESPONSE

FORM NO. 1903.10K

REV. # 8 PC #

Page 3 of 3

DATE _____

INITIALS/TIME _____

2.7 Technical Support Center Personnel (refer to Attachment 6 for call list). _____ /

2.8 Operations Support Center Personnel (refer to Attachment 7 for call list). _____ /

2.9 Other Emergency Response Organization personnel (refer to Attachment 8 for call list). _____ /

NOTE: If the Technical Support Center has been activated, this center may be requested to contact the Resident NRC Inspectors.

2.10 NRC Resident Inspectors (either one) _____ /

2.10.1 •J. Cummins)•

2.10.2 •L.J. Callan ()•

3. Notify the Duty Emergency Coordinator/Recovery Manager that the initial notifications have been made (inform him of any individuals that contact could not be made with). _____ /

4. Provide updates to the following groups until relieved of responsibility:

4.1 Duty Emergency Coordinator/Recovery Manager

4.2 Nuclear Regulatory Commission (Include all available radiological release information)

4.3 Arkansas Department of Health or Technical Operations Control Center (at least hourly or as directed).

4.4 Little Rock Control Center or Emergency Control Center (as directed).

5. At the termination of the event, this form and other applicable information should be turned over to the Duty Emergency Coordinator/Recovery Manager.

Shift Administrative Assistant

THE MATERIAL CONTAINED WITHIN THE SYMBOLS IS PROPRIETARY OR PRIVATE INFORMATION.



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903 10

ARKANSAS NUCLEAR ONE

PAGE 40 of 54
REVISION 8 DATE 01/28/83
CHANGE DATE



ARKANSAS POWER & LIGHT COMPANY Arkansas Nuclear One

TITLE: EMERGENCY ACTION LEVEL (EAL) NOTIFICATION

FORM NO. 1903.104

REV. # 8 PC #

INSTRUCTIONS

Page 1 of 3

- Provide updates of significant status changes (and at least hourly updates if there are no significant changes) to the Arkansas Department of Health (excluding the Unusual Event EAL).
- Updates should be provided, via this form, to the Technical Operations Control Center (TOCC) at . If no answer, call the Little Rock 24-hour switchboard at .
- Notifications to the State of Arkansas will require use of Authentication Tables.

If Challenged Message Authenticated By:

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

Indicate alphabetical characters challenged Response Given

- Begin transmission with the following statement: This is (identify yourself) at Arkansas Nuclear One with an Emergency Action Level Notification Report. Acknowledge when you are ready to proceed.

1. Message No. (messages shall be numbered sequentially from the beginning of the event)
2. Date/Time of Message DD MON YY HHMM
3. N/A
4. Message Sent By: / Name Position
5. Unit: () One () Two
6. Class of EAL:
() A. Courtesy Call () D. Site Emergency
() B. Unusual Event () E. General Emergency
() C. Alert
7. Date/Time of Latest Declaration DD MON YY HHMM

***** STOP HERE FOR NOTIFICATION OF LITTLE ROCK CONTROL CENTER ONLY *****

8. Condition Requiring Notification [No Change ()]

***** STOP HERE FOR COURTESY CALL ONLY *****



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE

50 of 64

REVISION

DATE

01/28/83

CHANGE

DATE

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

TITLE: EMERGENCY ACTION LEVEL (EAL) NOTIFICATION

FORM NO. 1903.10M

REV. # 0 PC #

Page 2 of 3

9. Onsite Situation (Check only appropriate responses)

A. Prognosis of Situation

- ☐ Stable
☐ Degrading
☐ Improving

B. APSL Radiation Teams

- ☐ Activated
☐ Not Activated

C. Local Assistance Requested:

- ☐ None
☐ Fire
☐ Police
☐ Ambulance
☐ Other _____

D. Evacuation of Onsite Personnel:

- ☐ Yes
☐ No
☐ Some

E. Emergency Centers Activated

- ☐ None
☐ TSC
☐ ECC

F. Other Emergency Response Actions Underway: _____

10. Radiological release is:

- ☐ Not Expected
☐ Eminent
☐ Occurring
☐ No longer occurring

***** STOP HERE IF A RADIOLOGICAL RELEASE IS NOT EXPECTED OR OCCUR *****



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE

51 of 64

REVISION

8

DATE

01/28/83

CHANGE

DATE

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

TITLE: EMERGENCY ACTION LEVEL (EAL) NOTIFICATION

FORM NO. 1903.10M

REV. # 8 PC #

Page 3 of 3

11. Type of Release:

- () Airborne
() Waterborne
() Surface Spill

12. Areas Affected by Radiological Release (Sectors/Distance):

13. Description of Release Material (Chemical and Physical Form, Estimate of Equivalent Curies of I-131 and 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. Precipitation: A. () Yes () No () Occasional
B. Form _____

17. Atmospheric Stability Class: _____

18. Estimated start time and duration of the release:

Start _____

Duration _____

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

- () Projected _____ mR/hr Child Thyroid
or
() Actual _____ mR/hr Whole Body

20. Projected Dose at _____ miles:

_____ mR/hr Whole Body

_____ mR/hr Child Thyroid

21. REMARKS:



PLANT/MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE

55 of 64

REVISION

8

DATE

01/28/83

CHANGE

DATE

ATTACHMENT 2

EMERGENCY EVACUATION TEAM ROSTER/CALL LIST

	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
TEAM LEADER:			
•Jackie Crow			•
ALTERNATE TEAM LEADERS:			
•J. C. Garrett			•
•Bruno Hampton			•
•Wes McDaniel			•
MEMBERS:			
•Mike Myers			•
•John Beaty, Jr.			•
•Roger Hooper			•
•James Starr			•
•Barbara Wade			•
•Barbara Dunn			•
•Jim Wilson			•
•Ira Mosquito			•
•Gary Johnson			•
•Wayne Brock			•
•Burl Neal			•

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



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE

56 of 64

REVISION

8

DATE

01/28/83

CHANGE

DATE

ATTACHMENT 3

EMERGENCY FIRE TEAM ROSTER/CALL LIST

TEAM LEADER:

BADGEWORKHOME

•Jim Bob Jackson

ALTERNATE TEAM LEADERS:

•Larry Munson

•David Eichenberger

MEMBERS:

•Charles May

•Barry Waldron

•Tom Wilkins

•Glenn Brooks

•Chester Wetzel

•Johnny Walker

•Marion Hall

•Tim A. Smith

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



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE 57 of 64
REVISION 8 DATE 01/28/83
CHANGE DATE

ATTACHMENT 4

EMERGENCY MEDICAL TEAM ROSTER/CALL LIST

NOTE: During non-routine working hours, notify the Shift Maintenance Medical Team - 3142/3411.

	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
TEAM LEADER:			
•Dennis Calloway			•
ALTERNATE TEAM LEADERS:			
•Charles Adams			•
MEMBERS:			
•Richard Moredock			•
•Steve Stork			•
•Mike Hoyt			•
•Gerald Bartlett			•
•Debby Moore			•
•Bill McCord			•
•Wayne Cheatham			•
•Shirman Yancy			•
•KaSandra Delph			•
•Eileen Goulet			•
•Paul Ford			•
•Curt Bailey			•

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



PLANT MANUAL SECTION:

EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:

EMERGENCY ACTION LEVEL RESPONSE

NO:

1903.10

ARKANSAS NUCLEAR ONE

PAGE

61 of 64

REVISION

8

DATE

01/28/83

CHANGE

DATE

ATTACHMENT 8

REMAINING EMERGENCY RESPONSE ORGANIZATION
(PLANT STAFF) ROSTER/CALL LIST

<u>NAME</u>	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
•L. W. Humphrey			•
•J. D. Moore			•
•R. L. Cole			•
CONTROL ROOM/TECHNICAL SUPPORT CENTER COMMUNICATIONS PERSONNEL ROSTER/CALL LIST			
•W. E. Converse			•
•K. Morton			•
•L. S. Bramlett			•
•M. A. Smith			•
•M. J. Konya			•
•D. B. Lomax			•
•R. M. Copp			•
•R. T. Blankenship			•

EMERGENCY CONTROL CENTER COMMUNICATIONS PERSONNEL ROSTER/CALL LIST

•G. D. Provencher	•
•J. R. Brown	•
•R. M. McFarland	•
•R. M. Cooper	•
•B. L. Bata	•

TECHNICAL ADVISORY PERSONNEL ROSTER/CALL LIST

•J. Vandergrift	•
•J. Waid	•
•D. Barton	•
•R. Hargrove	•
•J. Simmons	•
•E. Force	•

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