



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 ☐

DUTIES OF THE EMERGENCY EVACUATION TEAM

1903.40 Rev. 4

UN- Controlled Copy # 107

| PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# |
|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|

| | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 1 | 4 | | | | | | | | | | | | | |
| 2 | 4 | | | | | | | | | | | | | |
| 3 | 4 | | | | | | | | | | | | | |
| 4 | 4 | | | | | | | | | | | | | |

8407240374 830628
PDR ADOCK 05000313
F PDR

APPROVED BY:

[Signature]
(General Manager)

APPROVAL DATE

6-23-83

REQUIRED EFFECTIVE DATE:



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
EVACUATION TEAM

NO:

1903.40

ARKANSAS NUCLEAR ONE

PAGE 1 of 4

REVISION 4 DATE 05/27/83

CHANGE DATE

1.0 PURPOSE

The purpose of this procedure is to provide guidance on the responsibilities and duties of the Emergency Evacuation Team for emergency situations.

2.0 SCOPE

This procedure is applicable to emergency situations involving Unit One and/or Unit Two.

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 1903.10, "Emergency Action Level Response"

3.2.2 1903.30, "Plant Evacuation"

3.2.3 1903.31, "Exclusion Area Evacuation"

3.3 Related ANO Procedures:

3.3.1 1903.71, "Pope County Sheriff's Department"

4.0 DEFINITIONS

4.1 Exclusion Area Evacuation - The orderly withdrawal of personnel from that portion of the Exclusion Area that could receive 0.5 Rem whole body dose or 1.0 Rem child thyroid dose over a period of twelve months as a result of the incident.

4.2 Plant Evacuation - The orderly withdrawal of all personnel from the protected area except those personnel required to respond to the situation.

4.3 Operational Support Center (OSC) - The ANO Administration Building; the Emergency Evacuation Team (Materials Management) assembly area should be the old guard house [the Training personnel may assemble at the secondary OSC (Emergency Control Center)].



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
EVACUATION TEAM

NO:

1903.40

ARKANSAS NUCLEAR ONE

PAGE 2 of 4

REVISION 4 DATE 05/27/83

CHANGE DATE

5.0 RESPONSIBILITIES

5.1 The Emergency Evacuation Team Leader is responsible for coordinating the evacuation of plant personnel in the event of an Exclusion Area Evacuation and directing the Emergency Evacuation Team in assisting security personnel during other emergencies such as a Plant Evacuation.

5.1.1 The Evacuation Team Leader is responsible for the initial and continued accountability of team members.

5.1.2 The Emergency Evacuation Team Leader is also responsible for performing quarterly phone number verifications of team members per Form 1072.004B (to be provided by the Emergency Planning Coordinators).

5.2 The Emergency Evacuation Alternate Team Leader is responsible for assisting in coordinating the evacuation of personnel as directed by the Emergency Evacuation Team Leader. If the designated Team Leader is not available to respond, then an Alternate Team Leader should assume the responsibilities of the Team Leader.

5.3 The Emergency Evacuation Team is responsible for assisting Security personnel in the evacuation of personnel as requested by the Duty Guard Sergeant/Security Coordinator and responding to Emergency Action Levels as described in this procedure.

NOTE: The first Emergency Evacuation Team member to respond shall assume the duties of the Emergency Evacuation Team Leader until relieved by the designated team leader or alternate.

6.0 NOTIFICATIONS

6.1 During routine work hours, the Emergency Evacuation Team personnel on-site should be contacted by the most expedient means available.

6.2 After routine work hours, Evacuation Team personnel may be contacted as follows:

6.2.1 Refer to the roster/call list contained in Attachment 2, 1903.10, "Emergency Action Level Response."

6.2.2 Contact a Team Leader/Alternate Team Leader.

6.2.3 Provide the individual contacted with appropriate information and request them to ensure that contact is attempted with the remaining team personnel, as needed.



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
EVACUATION TEAM

NO:

1903.40

ARKANSAS NUCLEAR ONE

PAGE 3 of 4

REVISION 4 DATE 05/27/83

CHANGE DATE

6.3 The following information should be provided to the notified personnel as indicated:

6.3.1 If team personnel are to respond to an Emergency Action Level (EAL) that may or may not involve an evacuation, they should be provided the following information, as known:

- A. Affected unit.
- B. EAL declared.
- C. Immediate response required.
- D. Other information, as the situation dictates.

7.0 EVACUATION INSTRUCTIONS

7.1 If an immediate response is required, the Emergency Evacuation Team should take the following actions:

7.1.1 The Emergency Evacuation Team shall report to the appropriate assembly area. The Team Leader shall expeditiously account for his team member and provide the results to the Technical Support Center •(Ext. [REDACTED] giving names and badge numbers of all accounted for team members.

7.1.2 The Emergency Evacuation Team should respond as requested by the Duty Guard Sergeant/Site Security Coordinator.

7.1.3 Evacuation activities should be performed in accordance with the following procedures:

- A. 1903.30, "Plant Evacuation"
- B. 1903.31, "Exclusion Area Evacuation"

7.1.5 After the initial team response, the Emergency Evacuation Team should report as directed by the Duty Emergency Coordinator/Site Security Coordinator.

8.0 EMERGENCY ACTION LEVEL (EAL) RESPONSE GUIDELINES

8.1 Unusual Event

No action is required by the Emergency Evacuation Team unless the situation dictates the need for an evacuation. In that case, refer to Section 7.0 of this procedure.

The material contained within the symbols (•) is proprietary or private information.



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
EVACUATION TEAM

NO:
1903.40

ARKANSAS NUCLEAR ONE

| | | | |
|----------|--------|------|----------|
| PAGE | 4 of 4 | | |
| REVISION | 4 | DATE | 05/27/83 |
| CHANGE | | DATE | |

8.2 Alert

If the emergency situation does not require an evacuation, the Evacuation Team personnel shall be placed on "standby status" as long as the Alert EAL is effective.

8.2.1 Notifications should be made in accordance with Section 6.0 of this procedure.

8.2.2 When on-site, the team leader should report to the Duty Emergency Coordinator to obtain further instructions, as necessary.

8.3 Site Emergency/General Emergency

NOTE: The transition from an Alert to a Site/General Emergency activates the long-term Emergency Response Organization. Upon arrival onsite and an appropriate turnover from the Duty Emergency Coordinator, the Site Security Coordinator will coordinate the activities of the Security/Emergency Evacuation Team personnel.

If the emergency situation does not involve an evacuation, the following actions should be taken:

8.3.1 Notifications should be made in accordance with Section 6.0 of this procedure.

8.3.2 The Emergency Evacuation Team personnel shall report to their respective assembly area, provide team accountability results to the Site Security Coordinator and await further instructions.

9.0 ATTACHMENTS AND FORMS

None



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 ☐

DUTIES OF THE EMERGENCY FIRE TEAM

1903.41 REV.4

UN- Controlled Copy # 107

| PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# |
|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|

| | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 1 | 4 | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2 | 4 | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 3 | 4 | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 4 | 4 | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|

APPROVED BY:

[Signature]
(General Manager)

APPROVAL DATE

6-23-83

REQUIRED EFFECTIVE DATE:



PLANT MANUAL SECTION:
EMERGENCY
PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY FIRE TEAM

NO:

1903.41

ARKANSAS NUCLEAR ONE

PAGE 1 of 4

REVISION 4 DATE 05/27/83

CHANGE DATE

1.0 PURPOSE

The purpose of this procedure is to provide guidance on the responsibilities and duties of the Emergency Fire Team for emergency situations.

2.0 SCOPE

This procedure is applicable to emergency situations involving Unit One and/or Unit Two.

3.0 REFERENCES

3.1 References Used in Procedure Preparation:

3.1.1 Arkansas Nuclear One Emergency Plan

3.2 References to be Used in Conjunction with this Procedure:

3.2.1 1903.10, "Emergency Action Lever Response"

3.2.2 1903.22, "Fire or Explosion"

3.2.3 1903.70, "Russellville Fire Department"

3.3 Related ANO Procedures:

None

4.0 DEFINITIONS

4.1 Operational Support Center (OSC) - The ANO Administration Building; the Emergency Fire Team assembly area should be the 2nd floor conference room.

4.2 Fire Locker - A compilation of fire-fighting equipment located in the general vicinity of the: (1) Fire Locker A; Unit 1 Turbine Building, Elevation 354', south end; (2) Fire Locker B; Unit 2 Turbine Building, Elevation 354', North end; (3) Fire Locker C; Unit 1 Turbine Building, Elevation 386', near the Control Rooms.

5.0 RESPONSIBILITIES

5.1 The Emergency Fire Team Leader is responsible for coordinating fire fighting efforts required to control and extinguish the fire once he arrives on site.

5.1.1 The Fire Team Leader is responsible for the initial and continued accountability of team personnel.



PLANT MANUAL SECTION:
EMERGENCY
PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY FIRE TEAM

NO:

1903.41

ARKANSAS NUCLEAR ONE

PAGE 2 of 4

REVISION 4 DATE 05/27/83

CHANGE DATE

5.1.2 The Fire Team Leader is also responsible for performing quarterly phone number verifications of team members per Form 1072.004B (to be provided by the Emergency Planning Coordinators).

5.2 The Emergency Fire Alternate Team Leader is responsible for assisting in coordinating fire fighting efforts, as necessary. If the designated Team Leader is not available then an Alternate Team Leader should assume the responsibilities of the Team Leader.

5.3 The Emergency Fire Team is responsible for fighting fires within the plant boundary and responding to Emergency Action Levels as described in this procedure.

NOTE: The first Fire Team member at the scene of the fire shall assume the duties of the Emergency Fire Team Leader until relieved by the designated team leader or alternate.

6.0 NOTIFICATIONS

6.1 During routine work hours, the Emergency Fire Team personnel on-site should be contacted by the most expedient means available.

6.2 After routine work hours, the Emergency Fire Team personnel may be contacted as follows:

6.2.1 Refer to one of the following roster/call list contained in the indicated procedures as necessary.

A. Attachment 3, 1903.10, "Emergency Action Level Response"

B. Attachment 1, 1903.22, "Fire or Explosion"

6.2.2 Contact a Team Leader/Alternate Team Leader.

6.2.3 Provide the individual contacted with appropriate information and request them to ensure that contact is attempted with the remaining team personnel, as needed.

6.3 The following information should be provided to the notified Emergency Fire Team personnel as indicated:

6.3.1 If team personnel are to respond to a fire that does not involve an Emergency Action Level, they should be provided with the location and type of the fire, as known.

6.3.2 If team personnel are to respond to an Emergency Action Level that may or may not involve a fire, they should be provided the following information, as known:



PLANT MANUAL SECTION:
EMERGENCY
PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY FIRE TEAM

NO:

1903.41

ARKANSAS NUCLEAR ONE

PAGE 3 of 4

REVISION 4 DATE 05/27/83

CHANGE DATE

- A. Affected unit.
- B. EAL declared.
- C. Immediate response required.
- D. Other information, as the situation dictates.

7.0 FIRE FIGHTING INSTRUCTIONS

7.1 If an immediate response is required, the Emergency Fire Team should take the following actions:

NOTE: Emergency hand-held radios may be obtained from the Main Guard Station upon request.

- 7.1.1 Equipment should be obtained from the appropriate fire locker, if necessary.
- 7.1.2 Fire Team personnel should then respond to the scene of the emergency, unless otherwise instructed.
- 7.1.3 The Emergency Fire Team Leader should take over the duties of the Fire Brigade Leader and coordinate the fire fighting efforts of the Emergency Fire Team.
- 7.1.4 The Emergency Fire Team should respond to fires in accordance with the following procedures:
 - A. 1903.22, "Fire or Explosion"
 - B. 1903.70, "Russellville Fire Department"
- 7.1.5 The team leader should provide an assessment of the situation to the Shift Supervisor/Duty Emergency Coordinator.
- 7.1.6 After the initial team response, the Emergency Fire Team should report as directed by the Shift Supervisor/Duty Emergency Coordinator.

8.0 EMERGENCY ACTION LEVEL (EAL) RESPONSE GUIDELINES

8.1 Unusual Event

No action is required by the Emergency Fire Team unless the unusual event is declared as a result of a fire. In that case, refer to Section 7.0 of this procedure.



PLANT MANUAL SECTION:
EMERGENCY
PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY FIRE TEAM

NO:

1903.41

ARKANSAS NUCLEAR ONE

PAGE 4 of 4

REVISION 4 DATE 05/27/83

CHANGE DATE

8.2 Alert

If the emergency situation does not involve a fire, the Emergency Fire Team personnel shall be placed on a "standby status" as long as the Alert EAL is in effect.

8.2.1 Notifications should be made in accordance with Section 6.0 of this procedure.

8.2.2 When on-site, the team leader should report to the Duty Emergency Coordinator to obtain further instructions, as necessary.

8.3 Site Emergency/General Emergency

NOTE: The transition from an Alert to a Site/General Emergency activates the long-term Emergency Response Organization. Upon arrival on-site and an appropriate turnover from the Duty Emergency Coordinator, the Emergency Services Coordinator will coordinate the actions of the on-site fire response personnel.

If the emergency situation does not involve a fire, the following actions should be taken:

8.3.1 Notifications should be made in accordance with Section 6.0 of this procedure.

8.3.2 The Emergency Fire Team personnel shall report to the assigned assembly area. The Team Leader shall expeditiously account for the team members and report the results to the Technical Support Center •(Ext. [REDACTED])• giving the names and badge numbers of all accounted for team members. The team shall then await further instructions.

9.0 ATTACHMENTS AND FORMS

None

The information contained within the symbols (•) is proprietary or private information.



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 ☐

DUTIES OF THE EMERGENCY MEDICAL TEAM
1903.42 REV. 5

JN - Controlled Copy # 107

| PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# |
|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| 1 | 5 | | | | | | | | | | | | | |
| 2 | 5 | | | | | | | | | | | | | |
| 3 | 5 | | | | | | | | | | | | | |
| 4 | 5 | | | | | | | | | | | | | |
| 5 | 5 | | | | | | | | | | | | | |

APPROVED BY:


J. M. Levine
(General Manager)

APPROVAL DATE

6-23-83

REQUIRED EFFECTIVE DATE:



PLANT MANUAL SECTION:

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY PLAN

DUTIES OF THE EMERGENCY

MEDICAL TEAM

1903.42

ARKANSAS NUCLEAR ONE

PAGE

1 of 5

REVISION

5

DATE

5/27/83

CHANGE

DATE

1.0 PURPOSE

The purpose of this procedure is to provide guidance on the responsibilities and duties of the Emergency Medical Team for emergency situations.

2.0 SCOPE

This procedure is applicable to personnel emergency situations involving Unit One and/or Unit Two.

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 1903.10, "Emergency Action Level Response"

3.2.2 1903.23, "Personnel Emergency"

3.2.3 1903.72, "St. Mary's Hospital"

3.2.4 1903.73, "Millard-Henry Clinic"

3.2.5 1903.74, "Pope County Ambulance Service"

3.3 Related ANO Procedures:

3.3.1 1903.22, "Fire and Explosion"

3.3.2 1903.60, "Emergency Supplies and Equipment"

3.4 Regulatory correspondence containing NRC commitments which are implemented in this procedure include:

3.4.1 Letter OCAN108213, Appendix A, Item 1

A. Section 5.4

4.0 DEFINITIONS

4.1 Operational Support Center (OSC) - The ANO Administration Building; the Emergency Medical Team assembly area should be the First Aid Room (Admin. Bldg. - 2nd floor) and the 2nd floor breakroom.

4.2 Medical Kits - A compilation of first aid supplies located in the four following places: (1) First Aid Room, (2) Fire Locker A (Unit 1 Turbine Building, Elev. 354', South end), (3) Fire Locker B (Unit 2 Turbine Building, Elev. 354', North End), and (4) Fire Locker C (Unit 1/2 Turbine Building, Elev. 386', Near the Control Rooms).



PLANT MANUAL SECTION:

EMERGENCY PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY

MEDICAL TEAM

NO:

1903.42

ARKANSAS NUCLEAR ONE

PAGE 2 of 5

REVISION 5 DATE 5/27/83

CHANGE DATE

5.0 RESPONSIBILITIES

5.1 The Emergency Medical Team Leader is responsible for coordinating emergency medical response efforts, as necessary, once he arrives on site and for responding to Emergency Action Levels as described in this procedure.

5.1.1 The Medical Team Leader is responsible for the initial and continued accountability of team personnel.

5.1.2 The Emergency Medical Team Leader is also responsible for performing quarterly phone number verifications of team members per Form 1072.004B (to be provided by the Emergency Planning Coordinators).

5.2 The Emergency Medical Alternate Team Leader is responsible for assisting in coordinating emergency medical response efforts. If the designated Team Leader is not available then an Alternate Team Leader should assume the responsibilities of the Team Leader.

5.3 The Emergency Medical Team is responsible for performing the following functions under the direction of the Emergency Medical Team Leader and for responding to Emergency Action Levels as described in this procedure:

NOTE: The first Emergency Medical Team member at the scene of a medical emergency shall assume the duties of the Emergency Medical Team Leader until relieved by the designated team leader or alternate.

5.3.1 Providing emergency first aid and decontamination of injured persons.

5.3.2 Performing, in conjunction with the Emergency Radiation Team, onsite rescue operations.

5.4 The Shift Maintenance Medical Team shall assume the responsibilities of the Emergency Medical Team during non-routine work hours. They will not respond to medical emergencies during routine work hours unless specifically requested to do so.



PLANT MANUAL SECTION:

EMERGENCY PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY

MEDICAL TEAM

NO:

1903.42

ARKANSAS NUCLEAR ONE

PAGE 3 of 5

REVISION 5 DATE 5/27/83

CHANGE DATE

6.0 NOTIFICATIONS

- 6.1 During routine work hours, the Emergency Medical Team personnel on-site should be contacted by the most expedient means available.
- 6.2 After routine work hours, the Shift Maintenance Medical Team may be contacted by the most expedient means available, i.e. ext. 3142/3411 and plant paging system. In the event that additional support is needed by the Shift Maintenance Medical Team, the Emergency Medical Team may be contacted as follows:
- 6.2.1 Refer to the roster/call list contained in Attachment 4, 1903.10, "Emergency Action Level Response".
 - 6.2.2 Contact a Team Leader/Alternate Team Leader.
 - 6.2.3 Provide the individual contacted with appropriate information and request them to ensure that contact is attempted with the remaining team personnel, as needed.
- 6.3 The following information should be provided to the notified Emergency Medical Team personnel as indicated:
- 6.3.1 If team personnel are to respond to a medical emergency that does not involve an Emergency Action Level, they should be provided with the location and type of the medical emergency, as known.
 - 6.3.2 If team personnel are to respond to an Emergency Action Level that may or may not involve a medical emergency, they should be provided the following information, as known:
 - A. Affected unit.
 - B. EAL declared.
 - C. Immediate response required.
 - D. Other information, as the situation dictates.

7.0 MEDICAL RESPONSE INSTRUCTIONS

- 7.1 If an immediate response is required, the Emergency Medical Team should take the following actions:

NOTE: Emergency hand-held radios may be obtained from the Main Guard Station upon request.



PLANT MANUAL SECTION:

EMERGENCY PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY

MEDICAL TEAM

NO:

1903.42

ARKANSAS NUCLEAR ONE

PAGE 4 of 5

REVISION 5 DATE 5/27/83

CHANGE DATE

7.1.1 Equipment should be obtained from the appropriate medical kit, if necessary.

7.1.2 Medical Team personnel should then respond to the scene of the emergency, unless otherwise instructed.

NOTE: If necessary, directions to the scene of the emergency (or an escort) may be obtained from the appropriate control room (preferably contact the control room which was responsible for making the emergency announcement over the PA system).

Unit 1 Control Room 3101, 3102

Unit 2 Control Room 3201, 3202

7.1.3 The Emergency Medical Team should respond to emergencies in accordance with the following procedures.

A. 1903.23, "Personnel Emergency"

B. 1903.72, "St. Mary's Hospital"

C. 1903.73, "Millard-Henry Clinic"

D. 1903.74, "Pope County Ambulance Service"

7.1.4 The team leader should provide an assessment of the situation to the Shift Supervisor/Duty Emergency Coordinator.

7.1.5 After the initial team response, the Emergency Medical Team should report as directed by the Shift Supervisor/Duty Emergency Coordinator.

8.0 EMERGENCY ACTION LEVEL (EAL) RESPONSE GUIDELINES**8.1 Unusual Event**

No action is required by the Emergency Medical Team unless the unusual event is declared as a result of a medical emergency. In that case, refer to Section 7.0 of this procedure.

8.2 Alert

If the emergency situation does not involve a medical emergency, the Emergency Medical Team personnel shall be placed on a "standby status" as long as the Alert EAL is in effect.

8.2.1 Notifications should be made in accordance with Section 6.0 of this procedure.



PLANT MANUAL SECTION:

EMERGENCY PLAN

PROCEDURE/WORK PLAN TITLE:

DUTIES OF THE EMERGENCY

MEDICAL TEAM

NO:

1903.42

ARKANSAS NUCLEAR ONE

PAGE 5 of 5

REVISION 5 DATE 5/27/83

CHANGE DATE

8.2.2 When on-site, the team leader should report to the Duty Emergency Coordinator to obtain further instructions, as necessary.

8.3 Site Emergency/General Emergency

NOTE: The transition from an Alert to a Site/General Emergency activates the long-term Emergency Response Organization. Upon arrival on-site and an appropriate turnover from the Duty Emergency Coordinator, the Emergency Services Coordinator will coordinate the actions of the on-site medical response personnel.

If the emergency situation does not involve a medical emergency, the Emergency Medical Team personnel shall report to the First Aid Room/Break Room Area (2nd floor - Admin. Bldg.) unless otherwise directed. The Team Leader shall expeditiously account for the team members and report the results to the Technical Support Center • (Ext. [REDACTED]) • giving the names and badge numbers of all accounted for team members. The team shall then await further instructions.

9.0 ATTACHMENTS AND FORMS

None

The information contained within the symbols (*) is proprietary or private information.



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

TITLE: RECORD OF CHANGES AND REVISIONS

FORM NO. 1000. 5A

EMERGENCY PLAN PROCEDURE

REV. # 12 PC #

Safety Related YES ☒ NO ☐

DUTIES OF THE EMERGENCY RADIATION TEAM

UN-Controlled Copy

107

| PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# | PAGE | REV | PC# |
|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|

1 6

2 6

3 6

4 6

5 6

6 6

7 6

8 6

9 6

APPROVED BY:

[Signature]
(General Manager)

APPROVAL DATE

6-23-83

REQUIRED EFFECTIVE DATE:



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:

1903.43

ARKANSAS NUCLEAR ONE

PAGE 1 of 9

REVISION 6 DATE 5/27/83

CHANGE DATE

1.0 PURPOSE

The purpose of this procedure is to provide guidance on the responsibilities and duties of the Emergency Radiation Team for emergency situations.

2.0 SCOPE

This procedure is applicable to emergency situations involving Unit One and/or Unit Two.

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 1903.10, "Emergency Action Level Response"

3.3 Related ANO Procedures:

3.3.1 1903.30, "Plant Evacuation"

3.3.2 1903.60, "Emergency Supplies and Equipment"

3.3.3 1904.02, "Offsite Dose Projection Procedures"

3.3.4 1904.03, "Aux. Bldg. Ventilation Exhaust Emergency Radiation Monitor"

4.0 DEFINITIONS

4.1 Operational Support Center (OSC) - The ANO Administration Building; the Emergency Radiation Team assembly area should initially be the First Floor Maintenance Coordinator office area. [Upon team assignments being made, the On-site Radiological Monitoring Section should continue to operate from this location (unless otherwise instructed); the Offsite Radiological Monitoring Section should operate from the Emergency Control Center (Technical Analysis Classroom)].

4.2 Emergency Kit - A compilation of supplies and equipment for determination of radiological hazards; these kits are located in the general vicinity of the: (1) Unit 1 Control Room, (2) Maintenance Coordinator Office Area (First Floor, Admin. Bldg.) (3) Emergency Control Center (1st Floor), and (4) St. Mary's Hospital (Emergency Room).



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:

1903.43

ARKANSAS NUCLEAR ONE

PAGE 2 of 9

REVISION 6 DATE 5/27/83

CHANGE DATE

5.0 RESPONSIBILITIES

5.1 The Emergency Radiation Team Leader is responsible for coordinating the efforts to determine radiological hazards and for responding to Emergency Action Levels as described in this procedure.

5.1.1 The Radiation Team Leader is responsible for the initial and continued accountability of team personnel.

5.1.2 The Emergency Radiation Team Leader is also responsible for performing quarterly phone number verifications of team members per Form 1072.004B (to be provided by the Emergency Planning Coordinators).

5.2 The Emergency Radiation Alternate Team Leaders are responsible for assisting in coordinating the efforts to determine radiological hazards. If the designated Team Leader is not available, then an Alternate Team Leader should assume the responsibilities of the Team Leader.

5.3 The Emergency Radiation Team is responsible for the following areas, as indicated:

NOTE: The first Emergency Radiation Team member that responds shall assume the duties of the Emergency Radiation Team Leader until relieved by the designated team leader or alternate.

5.3.1 The Onsite Radiological Monitoring Section is responsible for:

- A. Determining onsite radiological hazards, conducting radiological surveys, monitoring and sampling.
- B. Performing, in conjunction with the Emergency Medical Team, onsite rescue operations.
- C. Making initial and subsequent re-entries into plant areas that present a radiological hazard, as required.

5.3.2 The Offsite Radiological Monitoring Section is responsible for:

- A. Determining off-site radiological hazards.
- B. Conducting required off-site surveys, monitoring, and sampling.



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:

1903.43

ARKANSAS NUCLEAR ONE

PAGE 3 of 9

REVISION 6 DATE 5/27/83

CHANGE DATE

6.0 NOTIFICATIONS

- 6.1 During routine work hours, the Emergency Radiation Team personnel on-site should be contacted by the most expedient means available.
- 6.2 After routine work hours, the Emergency Radiation Team personnel may be contacted as follows:
 - 6.2.1 Refer to the roster/call list contained in Attachment 5 - 1903.10, "Emergency Action Level Response" as necessary.
 - 6.2.2 Contact a Team Leader/Alternate Team Leader.
 - 6.2.3 Provide the individual contacted with appropriate information and request them to ensure that contact is attempted with the remaining team personnel, as needed.
- 6.3 The following information should be provided to the notified Radiation Team personnel as indicated:
 - 6.3.1 If team personnel are to respond to an Emergency Action Level that may or may not involve a radiological emergency, they should be provided the following information, as known:
 - A. Affected unit.
 - B. EAL declared.
 - C. Immediate response required.
 - D. Other information, as the situation dictates.

7.0 RADIOLOGICAL RESPONSE INSTRUCTIONS

- 7.1 If an immediate response is required, the Emergency Radiation Team should take the following actions:
 - 7.1.1 Notified team personnel should report to their designated initial assembly area in the Operational Support Center.
 - 7.1.2 The team leader shall assign personnel to the following sections (including designation of section leaders, as needed) to perform the indicated actions:
 - A. Onsite Radiological Monitoring Section (performs initial surveys, sampling, and posting of applicable on-site areas and accompanies other emergency response teams during initial entry and subsequent re-entries, as required).



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:
1903.43

ARKANSAS NUCLEAR ONE

| | | | |
|----------|--------|------|---------|
| PAGE | 4 of 9 | | |
| REVISION | 6 | DATE | 5/27/83 |
| CHANGE | | DATE | |

- B. Offsite Radiological Monitoring Section (performs initial surveys, sampling, and posting of applicable off-site areas, assists in collection of appropriate environmental samples and assists, as directed, the Arkansas Department of Health Radiological Response Team).

NOTE: Emergency hand-held radios may be obtained from the Main Guard Station upon request.

NOTE: The following vehicles are available for use by the Offsite Radiological Monitoring Section (keys are available at the Main Guard Station as necessary):

1. Dedicated

One vehicle is dedicated for initial offsite response. (It is normally restricted to being within 15 minutes of site and can be recalled by radio (or other means). This may include but is not necessarily limited to a four-wheel drive vehicle.

2. Available

Any AP&L vehicle on-site is available for use. (Hand-held radios are available for the vehicles which are not radio-equipped.)

7.1.3 Each section should then report to their designated assembly area (as indicated in Section 4.0) to make ready the appropriate emergency kit equipment, as necessary.

7.1.4 If not previously done, the team leader should contact the appropriate person in the current chain of command, per Attachment 1, to determine the current radiological response needs.

7.1.5 The Emergency Radiation Team should respond, as directed, to radiological incidents in accordance with the following emergency procedures, as appropriate:

NOTE: Activation of the Emergency Plan does not supercede the use of routine Health Physics procedures unless it is specifically stated so. Therefore, the guidance contained in the 1600/2600 series Technical Analysis Procedures should be followed.



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:

1903.43

ARKANSAS NUCLEAR ONE

PAGE 5 of 9

REVISION 6 DATE 5/27/83

CHANGE DATE

- A. 1903.30, "Plant Evacuation"
- B. 1903.33, "Re-entry Guidelines"
- C. 1903.76, "Arkansas Department of Health"
- D. 1904.02, "Offsite Dose Projection"

7.1.6 The team leader should provide a periodic update of the team's status to the appropriate individual, per Attachment 1.

7.1.7 After the initial team response, the Emergency Radiation Team should report as directed by the appropriate individual, per Attachment 1.

8.0 EMERGENCY ACTION LEVEL (EAL) RESPONSE GUIDELINES

8.1 Unusual Event

No action is required by the Emergency Radiation Team unless the Unusual Event is declared as a result of a radiological incident. In that case, refer to Section 7.0.

8.2 Alert

If the emergency does not involve a radiological incident, the Emergency Radiation Team personnel shall be placed on "standby status" as long as the Alert EAL is in effect.

8.2.1 Notifications should be made in accordance with Section 6.0 of this procedure.

8.2.2 When onsite, the team leader should report to the Duty Emergency Coordinator to obtain further instructions, as necessary.

8.3 Site Emergency/General Emergency

NOTE: The transition from an Alert to a Site/General Emergency activates the long-term Emergency Response Organization. Upon arrival on-site and an appropriate turnover from the Duty Emergency Coordinator, the following individuals will coordinate the actions of the indicated sections of the Emergency Radiation Team:

- A. Onsite Monitoring & HP Supervisor (Onsite Radiological Monitoring Section)



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:
1903.43

ARKANSAS NUCLEAR ONE

| | | | |
|----------|--------|------|---------|
| PAGE | 6 of 9 | | |
| REVISION | 6 | DATE | 5/27/83 |
| CHANGE | | DATE | |

B. Offsite Monitoring Supervisor (Offsite Radiological Monitoring Section)

8.3.1 Notifications should be made in accordance with Section 6.0 of this procedure.

8.3.2 If the emergency situation does not involve a radiological incident, the notified Emergency Radiation Team personnel shall report to their designated assembly area. The Team Leader shall expeditiously account for the team members and report the results to the Technical Support Center •(Ext. ~~XXXX~~ • giving the names and badge numbers of the accounted for team members.

9.0 ATTACHMENTS AND FORMS

9.1 Attachment 1 - EAL Organizational Structure

9.2 Attachment 2 - Checklist (Team Leader)

The material contained within the symbols (•) is proprietary or private information.



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:

1903.43

ARKANSAS NUCLEAR ONE

PAGE 7 of 9

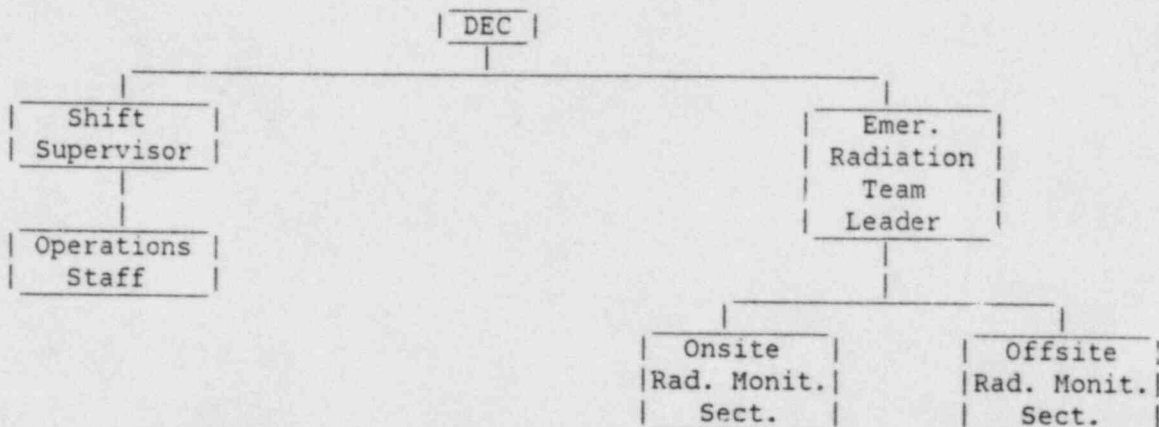
REVISION 6 DATE 5/27/83

CHANGE DATE

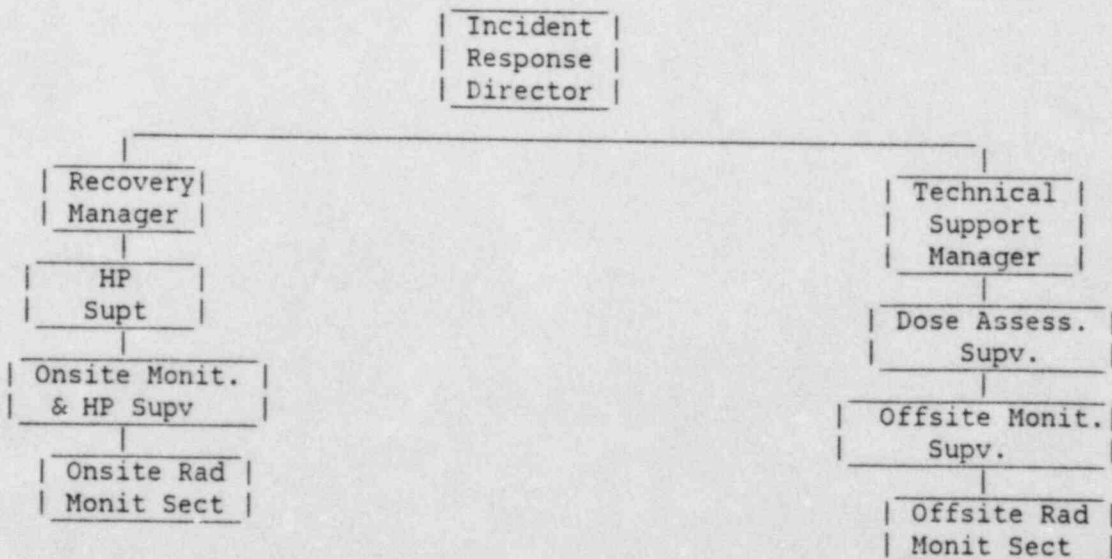
ATTACHMENT 1

EAL ORGANIZATIONAL STRUCTURE

- A. Initial Response Organization (Unusual Event, Alert EAL's, unless otherwise indicated).



- B. Emergency Response Organization (Site/General Emergency EAL's, unless otherwise indicated).





PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:
1903.43

ARKANSAS NUCLEAR ONE

| | | | |
|----------|--------|------|---------|
| PAGE | 8 of 9 | | |
| REVISION | 6 | DATE | 5/27/83 |
| CHANGE | | DATE | |

ATTACHMENT 2

Page 1 of 2

CHECKLIST (TEAM LEADER)

The following items should be considered by the Emergency Radiation Team Leader, and action should be taken, as necessary:

- 1.0 Contact should be attempted with team members by the most expedient method available.
 - 1.1 Arrangements should be made to re-initiate attempts to contact personnel that were not able to be contacted initially.
- 2.0 Personnel should be assigned to the Onsite and Offsite Radiological Monitoring Sections (This includes appointment of section leaders, as necessary).
- 3.0 Determine immediate response needs.
 - 3.1 Offsite sampling points.
 - 3.2 Onsite surveys, sample required.
 - 3.3 Initial re-entries by other emergency teams (Obtain approval from the Duty Emergency Coordinator/Recovery Manager).
 - 3.4 Equipment from routine stock that must be retrieved for use.
- 4.0 Monitor radiation levels, etc., in the activated Emergency Response Centers
 - 4.1 Control Room
 - 4.2 TSC/OSC
 - 4.3 ECC
- 5.0 Establish contamination control points/measures for the appropriate response centers.
 - 5.1 Control Room
 - 5.2 TSC/OSC
 - 5.3 ECC
- 6.0 Issue emergency dosimetry/respiratory equipment, as necessary.



PLANT MANUAL SECTION:
EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
DUTIES OF THE EMERGENCY
RADIATION TEAM

NO:

1903.43

ARKANSAS NUCLEAR ONE

| | | | |
|----------|--------|------|---------|
| PAGE | 9 of 9 | | |
| REVISION | 6 | DATE | 5/27/83 |
| CHANGE | | DATE | |

ATTACHMENT 2

Page 2 of 2

7.0 Be prepared to take the following actions, as necessary:

- 7.1 Personnel/vehicle monitoring/decontamination at the Emergency Control Center (or as the situation dictates, including relocation of portal monitors, etc., as necessary).
- 7.2 Relocate the TLD reader to the Emergency Control Center (or as the situation dictates).
- 7.3 Relocate the SCBA air compressor to the Emergency Control Center (or as the situation dictates).
- 7.4 Determine additional equipment needs and make appropriate recommendations to management.
- 7.5 Set up a personnel shift schedule for an extended incident.

8.0 Provide periodic updates to the team personnel and management personnel.



ARKANSAS POWER & LIGHT COMPANY
Arkansas Nuclear One

TITLE: TRANSMITTAL

FORM NO. 1013.02H

REV. # 12 PC #

Arkansas Nuclear One
Russellville, Arkansas
Date June 23, 1983

PAGE 1 of 2

50-313

MEMORANDUM

TO: 103-NRC

FROM: ANO DOCUMENT CONTROL

SUBJECT: ANO MASTER PLANT MANUAL UPDATE

PROCEDURE NUMBER 1903.40 REV. # 4 PC # TC #

PROCEDURE TITLE DUTIES OF THE EMERGENCY EVACUATION TEAM

PROCEDURE NUMBER 1903.41 REV. # 4 PC # TC #

PROCEDURE TITLE DUTIES OF THE EMERGENCY FIRE TEAM

PROCEDURE NUMBER 1903.42 REV. # 5 PC # TC #

PROCEDURE TITLE DUTIES OF THE EMERGENCY MEDICAL TEAM

The following pages of the indicated procedure (s) contains items which involve personal privacy or proprietary material. PLEASE REMOVE THE INDICATED MATERIAL PRIOR TO DISTRIBUTION TO PUBLIC DOCUMENT ROOMS, ETC.

PROCEDURE (S)

1903.40

1903.41

PAGE (S)

3

2

1903.41 4
[] PROCEDURE (S) HAS BEEN PLACED IN YOUR SET OF THE PLANT MANUAL.

☒ PROCEDURE (S) SHOULD BE PLACED IN YOUR SET OF THE PLANT MANUAL.

NOTE: PLEASE RETURN SIGNED TRANSMITTAL TO DOCUMENT CONTROL - 4TH FLOOR:

SIGNATURE _____ DATE _____
UPDATED

UPDATED

~~0308280823 080623~~
~~GF ADDCK 03080513~~
~~GF~~

4005
1/10



ARKANSAS POWER & LIGHT COMPANY
Arkansas Nuclear One

TITLE: TRANSMITTAL

FORM NO. 1013.02H

REV. # 12 PC #

Arkansas Nuclear One
Russellville, Arkansas
Date June 23, 1983

PAGE 1 of 2

MEMORANDUM

TO: 107-NRC

FROM: ANO DOCUMENT CONTROL

SUBJECT: ANO MASTER PLANT MANUAL UPDATE

PROCEDURE NUMBER 1903.40 REV. # 4 PC # _____ TC # _____

PROCEDURE TITLE DUTIES OF THE EMERGENCY EVACUATION TEAM

PROCEDURE NUMBER 1903.41 REV. # 4 PC # TC #

PROCEDURE TITLE DUTIES OF THE EMERGENCY FIRE TEAM

PROCEDURE NUMBER 1903.42 REV. # 5 PC # TC #

PROCEDURE TITLE DUTIES OF THE EMERGENCY MEDICAL TEAM

The following pages of the indicated procedure (s) contains items which involve personal privacy or proprietary material. PLEASE REMOVE THE INDICATED MATERIAL PRIOR TO DISTRIBUTION TO PUBLIC DOCUMENT ROOMS, ETC.

| PROCEDURE (S) |
|---------------|
| 1903.40 |
| 1903.41 |

| |
|----------|
| PAGE (S) |
| 3 |
| 4 |

1903.41 4

☐ PROCEDURE (S) HAS BEEN PLACED IN YOUR SET OF THE PLANT MANUAL.

☒ PROCEDURE (S) SHOULD BE PLACED IN YOUR SET OF THE PLANT MANUAL.

NOTE: PLEASE RETURN SIGNED TRANSMITTAL TO DOCUMENT CONTROL - 4TH FLOOR:

SIGNATURE _____ DATE _____
UPDATED

ARKANSAS POWER & LIGHT COMPANY
Arkansas Nuclear One

TITLE: TRANSMITTAL

FORM NO. 1013.02H

REV. # 12 PC #

Arkansas Nuclear One
Russellville, Arkansas
Date June 23, 1983

PAGE 2 of 2

MEMORANDUM

TO: 107-NRC

FROM: ANO DOCUMENT CONTROL

SUBJECT: ANO MASTER PLANT MANUAL UPDATE

PROCEDURE NUMBER 1903.43 REV. # 6 PC # TC #

PROCEDURE TITLE DUTIES OF THE EMERGENCY RADIATION TEAM

PROCEDURE NUMBER _____ REV. # _____ PC # _____ TC # _____

PROCEDURE TITLE _____

PROCEDURE NUMBER _____ REV. # _____ PC # _____ TC # _____

PROCEDURE TITLE _____

The following pages of the indicated procedure (s) contains items which involve personal privacy or proprietary material. PLEASE REMOVE THE INDICATED MATERIAL PRIOR TO DISTRIBUTION TO PUBLIC DOCUMENT ROOMS, ETC.

PROCEDURE (S)

PAGE (S)

1903.42

4

1903.43

6

1903.43 6
[] PROCEDURE (S) HAS BEEN PLACED IN YOUR SET OF THE PLANT MANUAL.

☒ PROCEDURE (S) SHOULD BE PLACED IN YOUR SET OF THE PLANT MANUAL.

NOTE: PLEASE RETURN SIGNED TRANSMITTAL TO DOCUMENT CONTROL - 4TH FLOOR:

SIGNATURE _____ DATE _____
UPDATED



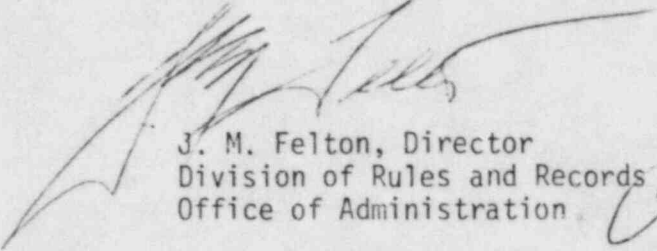
UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

July 17, 1984

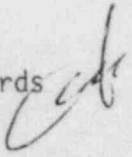
50-313 Arkansas Nuclear One

MEMORANDUM FOR: Chief, Document Management Branch, TIDC
FROM: Director, Division of Rules and Records, ADM
SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.



J. M. Felton, Director
Division of Rules and Records
Office of Administration



Attachment: As stated