



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

EMERGENCY PLAN PROCEDURE

FORM 1000.06A

EMERGENCY ACTION LEVEL RESPONSE
1903.10 REV. 3

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RECORD OF CHANGES AND REVISIONS

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APPROVED BY:

J.P. Harker

(GENERAL MANAGER)

APPROVAL DATE

7-29-81



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APPROVED BY:

J.P. Hunter *M. A. Baker*

(GENERAL MANAGER)

APPROVAL DATE

7-29-81



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ARKANSAS POWER & LIGHT COMPANY
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TITLE: EMERGENCY ACTION LEVEL RESPONSE

FORM NO. 1903.10B

REV. # 3 PC #

UNUSUAL EVENT
SHIFT ADMINISTRATIVE ASSISTANT
NOTIFICATION LIST AND RECORD

Page 1 of 2

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 Shift Supervisor's office; refer to Attachment 1 for telephone numbers as necessary). _____ /
- 2.2 Nuclear Regulatory Commission [Hotline; or (if the region office is contacted, request that this information be forwarded to the Bethesda Emergency Operations Center)]. _____ /
- 2.3 Arkansas Department of Health [(or contact the OES at _____ or via the OES radio channel and request them to notify the Health Department)]. _____ /
- 2.4 Emergency Teams requiring immediate response only (refer to the individual attachment for call list if team personnel are not currently on site):

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

- 2.4.1 Security Personnel () or Evacuation Team (Attachment 2) _____ /

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**ARKANSAS POWER & LIGHT COMPANY**
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DATE _____

INITIALS/TIME

2.4.2 Fire Team (Attachment 3) _____ / _____

2.4.3 Medical Team (Attachment 4) _____ / _____

2.4.4 Radiation Team (Attachment 5) _____ / _____

2.5 Little Rock Control Center (_____) or contact
either the OES or the MSS Dispatch Center and
request them to notify the LRCC.

_____ / _____

2.6 General Manager (_____) _____ / _____

2.7 NRC Resident Inspectors (either one): _____ / _____

2.7.1 W.D. Johnson _____) _____

2.7.2 L.J. Callan _____) _____

3. Provide updates, as necessary, to the following groups:

3.1 Duty Emergency Coordinator

3.2 Nuclear Regulatory Commission

3.3 Arkansas Department of Health

3.4 Little Rock Control Center

4. At the termination of the event, this form and other applicable
information should be turned over to the Duty Emergency Coordinator._____
Shift Administrative Assistant_____
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ARKANSAS POWER & LIGHT COMPANY Arkansas Nuclear One

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FORM NO. 1903.10C

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UNUSUAL EVENT DUTY EMERGENCY COORDINATOR NOTIFICATION LIST AND RECORD

Page 1 of 2

DATE _____

INITIALS/TIME

1. Notified that an Unusual Event Emergency Action Level has been declared, based on the following conditions (List):

2. If on-site, or if deemed necessary to report to site, record the time that the Shift Operations Supervisor was relieved of Duty Emergency Coordinator responsibilities.

_____ / _____

3. If a radiological release is involved:

- 3.1 Relieve the Shift Operations Supervisor of responsibilities for calculating the magnitude of radiological release.

_____ / _____

4. Provide updates to the following groups, as necessary:

4.1 General Manager

4.2 NRC Resident Inspector (initially contacted)

4.2.1 W.D. Johnson

4.2.2 L.J. Callan

5. At the termination of the event, provide a verbal summary to:

5.1 Nuclear Regulatory Commission (Hotline; or

_____ / _____

5.2 Arkansas Department of Health

_____ / _____

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ALERT
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 the situation dictates 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 Shift Supervisor's office; refer to Attachment 1 for telephone numbers as necessary). _____ /

2.2 Nuclear Regulatory Commission [Hotline; or (if the region office is contacted, request that this information be forwarded to the Bethesda Emergency Operations Center)]. _____ /

2.3 Arkansas Department of Health [or contact the OES (or use the OES radio channel) and request them to notify the Health Department]. _____ /

2.4 Emergency Teams requiring immediate response (refer to the indicated attachment for call out list if team personnel are not currently on site).

NOTE: The following minimum information should be provided to the team leader: affected unit, EAL declared, appropriate plant conditions/parameters, required response and suggested protective actions (if necessary).

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DATE _____

INITIALS/TJME

- 2.4.1 Evacuation Team (Attachment 2) _____ / _____
- 2.4.2 Fire Team (Attachment 3) _____ / _____
- 2.4.3 Medical Team (Attachment 4) _____ / _____
- 2.4.4 Radiation Team (Attachment 5) _____ / _____
- 2.5 Operations Management (contact one of the following individuals):
- 2.5.1 B.A. Baker _____ / _____
- 2.5.2 S.J. McWilliams _____ / _____
- 2.5.3 L.A. Taylor _____ / _____
- 2.6 Little Rock Control Center (); or contact _____ / _____
either the OES or the MSS Dispatch Center and request
them to notify the LRCC).
- 2.7 Emergency Teams not requiring immediate response (refer
to the indicated attachment for call list if team
personnel are not currently onsite):

NOTE: The following minimum information should be provided to the team leader: affected unit, EAL declared, appropriate plant conditions/parameters, time team placed "on call."

- 2.7.1 Evacuation Team (Attachment 2) _____ / _____
- 2.7.2 Fire Team (Attachment 3) _____ / _____
- 2.7.3 Medical Team (Attachment 4) _____ / _____
- 2.7.4 Radiation Team (Attachment 5) _____ / _____

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DATE _____

INITIALS/TIME

- 2.8 General Manager _____
- 2.9 NRC Resident Inspectors (either one)
 - 2.9.1 W.D. Johnson _____
 - 2.9.2 L.J. Callan _____
- 2.10 TOCC Liasion
 - 2.10.1 L. W. Schempp _____
- 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
 - 4.3 Arkansas Department of Health (unless otherwise 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 2.7 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

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8.2.5 Emergency Response Team Leaders

- A. The Emergency Response Team Leaders or Alternates are notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Emergency Response Team Leader or Alternates shall call out and assemble the teams. The Team Leader or Alternate shall report to the Duty Emergency Coordinator when the team is assembled.

8.2.6 Incident Response Director

- A. The Incident Response Director is notified by the Little Rock Control Center that a Site Emergency has been declared.
- B. The Incident Response Director shall report to the Emergency Control Center when notified that a Site Emergency has been declared.
- C. The Incident Response Director shall activate the General Office portions of the Emergency Response Organization, as needed.

8.2.7 Recovery Manager

- A. The Recovery Manager is notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Recovery Manager shall immediately report to the Onsite Technical Support Center when notified that a Site Emergency has been declared.

8.2.8 Operations Manager

- A. The Operations Manager is notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Operations Manager shall immediately report to the Onsite Technical Support Center when notified that a Site Emergency has been declared.

8.2.9 Maintenance Manager

- A. The Maintenance Manager is notified by the Shift Administrative Assistant that a Site Emergency has been declared.



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- B. The Maintenance Manager shall immediately report to the Onsite Technical Support Center when notified that a Site Emergency has been declared.

8.2.10 Operations Superintendents

- A. The Operations Superintendent are notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Operations Superintendents shall immediately report to the Control Rooms of their respective Units and inform the Onsite Technical Support Center of his presence in the Control Room.

8.2.11 Health Physics and Chemistry Superintendent

- A. The Health Physics and Chemistry Superintendent is notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Health Physics and Chemistry Superintendent shall immediately report to the Onsite Technical Support Center when notified that a Site Emergency has been declared.

8.2.12 Nuclear and Engineering Support Superintendent

- A. The Nuclear and Engineering Support Superintendent is notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Nuclear and Engineering Support Superintendent shall immediately report to the Onsite Technical Support Center when notified that a Site Emergency has been declared.



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8.2.13 Maintenance Superintendents

- A. The Maintenance Superintendents are notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Maintenance Superintendents shall immediately report to the Onsite Operational Support Center when notified that a Site Emergency has been declared.

8.3 Termination or Escalation of Emergency Action Level

- 8.3.1 The Site Emergency Emergency Action Level may be de-escalated to a lower Emergency Action Level or be terminated by recovery coverly from the event.
- 8.3.2 The Site Emergency Emergency Action Level may be escalated to a General Emergency Emergency Action Level is the criteria of section 9.0 is met.
- 8.3.3 The Site Emergency Emergency Action Level may be closed out after being terminated by a briefing by the Incident Response Director to the appropriate offsite authorities. A written summary of the event shall be transmitted to the NRC and appropriate offsite authorities.

8.4 Forms

- 8.4.1 The following forms describe the notifications and records to be made by the appropriate individuals for the Site Emergency Emergency Action Level. Date the form where indicated (if the date changes before the form is complete, indicate the new date on the appropriate initial/time line). As notifications are completed, initials and time should be placed on the line in the right hand margin by each step. Other pertinent data (e.g. person contacted) may also be noted adjacent to each step, as appropriate.
- 8.4.2 Form 1903.10G - Site Emergency Shift Operations Supervisor Notification List and Record.
- 8.4.3 Form 1903.10H - Site Emergency Shift Administrative Assistant Notification List and Record.
- 8.4.4 Form 1903.10I - Site Emergency Duty Emergency Coordinator Notification List and Record.



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ARKANSAS POWER & LIGHT COMPANY
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REV. # 3	PC #

SITE EMERGENCY
SHIFT ADMINISTRATIVE ASSISTANT
NOTIFICATION LIST AND RECORD

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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 the situation dictates 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 Shift Supervisor's office; if not on-site, refer to Attachment 1 for telephone numbers as necessary). _____ /

2.2 Nuclear Regulatory Commission [Hotline; or (if the region office is contacted, request that this information be forwarded to the Bethesda Emergency Operations Center)]. _____ /

NOTE: If the Technical Operations Control Center has been activated, the Technical Operations Control Officer may be contacted in lieu of the Health Department.

2.3 Arkansas Department of Health [or contact the OES (or use the OES radio channel) and request them to notify the Health Department]. _____ /

2.4 Emergency Teams requiring immediate response (refer to the indicated attachment for call list if team personnel are not currently onsite).

NOTE: The following minimum information should be provided to the team leader: affected unit, EAL declared, appropriate plant conditions/parameters, required response and suggested protective actions (if necessary).

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DATE _____

INITIALS/TIME

2.4.1 Evacuation Team (Attachment 2) _____ / _____

2.4.2 Fire Team (Attachment 3) _____ / _____

2.4.3 Medical Team (Attachment 4) _____ / _____

2.4.4 Radiation Team (Attachment 5) _____ / _____

NOTE: If the Emergency Control Center has been activated, the Incident Response Director may be contacted in lieu of the Little Rock Control Center.

2.5 Little Rock Control Center () or contact either the OES or the MSS Dispatch Center and request them to notify the LRCC). _____ / _____2.6 Emergency Teams not requiring immediate response (refer to the indicated attachment for call list if team personnel are not currently onsite).

NOTE: The following minimum information should be provided to the team leader: affected unit, EAL declared, appropriate plant conditions/parameters, a request to assemble the team onsite and suggested protective actions (if necessary).

2.6.1 Evacuation Team (Attachment 2) _____ / _____

2.6.2 Fire Team (Attachment 3) _____ / _____

2.6.3 Medical Team (Attachment 4) _____ / _____

2.6.4 Radiation Team (Attachment 5) _____ / _____

NOTE: If the Technical Support Center has been activated, this center may be contacted in lieu of individual contacts.

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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 W.D. Johnson _____)

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

4.3 Arkansas Department of Health or Technical Operations Control Center (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

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DATE _____

INITIALS/TIME _____

- 9.4 Area Evacuation (if an Area Evacuation is deemed necessary, contact one of the following groups (call in the order indicated until contact is made):
- 9.4.1 Arkansas Department of Health or Technical Operations Control Center (as directed)
 - 9.4.2 Arkansas Nuclear Planning & Response Program (968-7171)
 - 9.4.3 Appropriate County Sheriff (Refer to Attachment 1, "Emergency Telephone Numbers" for phone numbers)
10. When the following Emergency Response Organization personnel arrive onsite, transfer the indicated responsibilities to them:
- 10.1 Recovery Manager (Assumes responsibility for direction of corrective and recovery actions) _____ / _____
 - 10.2 Site Security Coordinator (Assumes responsibility for direction of Security/Evacuation Team personnel) _____ / _____
 - 10.3 Emergency Services Coordinator (Assumes responsibility for direction of the Fire and Medical Team personnel) _____ / _____
 - 10.4 Health Physics & Chemistry Superintendent (Assumes responsibility for direction of the Onsite Radiological Monitoring Section of the Emergency Radiation Team) _____ / _____
 - 10.5 Technical Support Manager (Assumes responsibility for direction of the Offsite Radiological Monitoring Section of the Emergency Radiation Team and dose assessment activities). _____ / _____
 - 10.6 Incident Response Director (Assumes responsibilities for direction of the overall response to the incident). _____ / _____
11. When item (10) has been completed, turn over this notification. List and record and other pertinent documents to the Recovery Manager.
12. At the termination of the event, the following summaries shall be provided:
- 12.1 A verbal summary to:
 - 12.1.1 Nuclear Regulatory Commission _____ / _____
 - 12.1.2 Arkansas Department of Health _____ / _____
 - 12.2 A written summary of the event (provided to the groups indicated in step 12.1).

Duty Emergency Coordinator



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- B. The Emergency Response Team Leader or Alternates shall call out and assemble the teams. The Team Leader or Alternate shall report to the Duty Emergency Coordinator when the team is assembled.

9.2.6 Incident Response Director

- A. The Incident Response Director is notified by the Little Rock Control Center that a General Emergency has been declared.
- B. The Incident Response Director shall report to the Emergency Control Center when notified that a General Emergency has been declared.
- C. The Incident Response Director shall activate the General Office portions of the Emergency Response Organization, as needed.

9.2.7 Recovery Manager

- A. The Recovery Manager is notified by the Shift Administrative Assistant that a General Emergency has been declared.
- B. The Recovery Manager shall immediately report to the Onsite Technical Support Center when notified that a General Emergency has been declared.

9.2.8 Operations Manager

- A. The Operations Manager is notified by the Shift Administrative Assistant that a General Emergency has been declared.
- B. The Operations Manager shall immediately report to the Onsite Technical Support Center when notified that a General Emergency has been declared.

9.2.9 Maintenance Manager

- A. The Maintenance Manager is notified by the Shift Administrative Assistant that a Site Emergency has been declared.
- B. The Maintenance Manager shall immediately report to the Onsite Technical Support Center when notified that a Site Emergency has been declared.



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9.2.10 Operations Superintendents

- A. The Operations Superintendent are notified by the Shift Administrative Assistant that a General Emergency has been declared.
- B. The Operations Superintendent shall immediately report to the Control Room of their respective units and inform the Onsite Technical Support Center of their presence in the Control Room.

9.2.11 Health Physics and Chemistry Superintendent

- A. The Health Physics and Chemistry Superintendent is notified by the Shift Administrative Assistant that a General Emergency has been declared.
- B. The Health Physics and Chemistry Superintendent shall immediately report to the Onsite Technical Support Center when notified that a General Emergency has been declared.

9.2.12 Nuclear and Engineering Support Superintendent

- A. The Nuclear and Engineering Support Superintendent is notified by the Shift Administrative Assistant that a General Emergency has been declared.
- B. The Nuclear and Engineering Support Superintendent shall immediately report to the Onsite Technical Support Center when notified that a General Emergency has been declared.

9.2.13 Maintenance Superintendents

- A. The Maintenance Superintendents are notified by the Shift Administrative Assistant that a General Emergency has been declared.



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B. The Maintenance Superintendents shall immediately report to the Onsite Operational Support Center when notified that a General Emergency has been declared.

9.3 Termination of Emergency Action Level

9.3.1 The General Emergency Emergency Action Level may be de-escalated to a lower Emergency Action Level or be terminated by recovery from the event.

9.3.2 The General Emergency Emergency Action Level may be closed out after being terminated by a briefing by the Incident Response Director of the appropriate offsite authorities. A written summary of the event shall be transmitted to the NRC and appropriate offsite authorities.

9.4 Forms

9.4.1 The following forms describe the notifications and records to be made by the appropriate individuals for the General Emergency Emergency Action Level. Date the form where indicated (if the date changes before the form is complete, indicate the new date on the appropriate initial/time line). As notifications are completed, initials and time should be placed on the line in the right hand margin by each step. Other pertinent data (e.g. person contacted) may also be noted adjacent to each step, as appropriate.

9.4.2 Form 1903.10J - General Emergency Shift Operations Supervisor Notification List and Record.

9.4.3 Form 1903.10K - General Emergency Shift Administrative Assistant Notification List and Record.

9.4.4 Form 1903.10L - General Emergency Duty Emergency Coordinator Notification List and Record.



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GENERAL EMERGENCY
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 the situation dictates 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 Shift Supervisor's office; if not on-site, refer to Attachment 1 for telephone numbers as necessary). _____ /

2.2 Nuclear Regulatory Commission [Hotline; or (if the region office is contacted, request that this information be forwarded to the Bethesda Emergency Operations Center)]. _____ /

NOTE: If the Technical Operations Control Center has been activated, the Technical Operations Control Officer may be contacted in lieu of the Health Department.

2.3 Arkansas Department of Health [or contact the OES (or use the OES radio channel) and request them to notify the Health Department]. _____ /

- 2.4 Emergency Teams requiring immediate response (refer to the indicated attachment for call list if team personnel are not currently onsite).

NOTE: The following minimum information should be provided to the team leader: affected unit, EAL declared, appropriate plant conditions/parameters, required response and suggested protective actions (if necessary).

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DATE _____

INITIALS/TIME

- 2.4.1 Evacuation Team (Attachment 2) _____ / _____
- 2.4.2 Fire Team (Attachment 3) _____ / _____
- 2.4.3 Medical Team (Attachment 4) _____ / _____
- 2.4.4 Radiation Team (Attachment 5) _____ / _____

NOTE: If the Emergency Control Center has been activated, the Incident Response Director may be contacted in lieu of the Little Rock Control Center.

- 2.5 Little Rock Control Center (∇ _____ ∇); or contact either the OES or the MSS Dispatch Center and request them to notify the LRCC) _____ / _____

2.6 Emergency Teams not requiring immediate response (refer to the indicated attachment for call list if team personnel are not currently onsite).

NOTE: The following minimum information should be provided to the team leader: affected unit, EAL declared, appropriate plant conditions/parameters, a request to assembly the team onsite and suggested protective actions (if necessary).

- 2.6.1 Evacuation Team (Attachment 2) _____ / _____
- 2.6.2 Fire Team (Attachment 3) _____ / _____
- 2.6.3 Medical Team (Attachment 4) _____ / _____
- 2.6.4 Radiation Team (Attachment 5) _____ / _____

NOTE: If the Technical Support Center has been activated, this center may be contacted in lieu of individual contacts.

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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 W.D. Johnson (_____) 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

4.3 Arkansas Department of Health or Technical Operations Control Center (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 AssistantTHE MATERIAL CONTAINED WITHIN THE SYMBOLS () IS PROPRIETARY OR PRIVATE INFORMATION.



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

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REV. # 1 PC #

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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:

<input type="checkbox"/> A. UNUSUAL EVENT	<input type="checkbox"/> D. GENERAL EMERGENCY
<input type="checkbox"/> B. ALERT	<input type="checkbox"/> E. NONE
<input type="checkbox"/> C. SITE EMERGENCY	
7. Conditions Requiring EAL: _____

8. Areas Affected (Sectors/Distances): _____

9. Onsite Situation:
 - A. Prognosis of Situation:
 - 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



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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 RESPONSE
 CHARACTERS CHALLENGED 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: _____



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ATTACHMENT 1

DUTY EMERGENCY COORDINATOR ROSTER/CALL LIST

<u>NAME</u>	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
▽ Basil Baker	110		✓
▽ Tom Cogburn	151		▽
▽ Early Ewing	400		▽
▽ Jim McWilliams	261		7
▽ Jim O'Hanlon (Gen. Manager)	1		7
▽ Dave Snellings	398		7
▽ Bob Terwilliger	343		7

(DEC = Beeper Number 602)

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ATTACHMENT 2

EMERGENCY EVACUATION TEAM ROSTER/CALL LIST

	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
TEAM LEADER:			
▽ Jackie Crow	160		▽
ALTERNATE TEAM LEADERS:			
▽ J. C. Garrett	395		3 ▽
▽ Bruno Hampton	404		▽
▽ Wes McDaniel	258		▽
MEMBERS:			
▽ Mike Myers	461		▽
▽ John Beaty, Jr.	120		▽
▽ Roger Hooper	217		▽
▽ James Starr	333		▽
▽ Barbara Wade	1063		▽
▽ Barbara Dunn	168		▽
▽ Jim Vandergrift	354		▽
▽ Dennis Barton	115		▽
▽ J. Don Moore	268		▽
▽ Jim Wilson	497		▽
▽ Jim Constantin	153		▽
▽ Ron Hargrove	473		7
▽ Joe Simmons	319		7
▽ Ed Wentz	365		7
▽ Tracey Green	196		7
▽ Ira Mosquito	271		7
▽ Joe Waid	124		7

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ATTACHMENT 3

EMERGENCY FIRE TEAM ROSTER/CALL LIST

	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
TEAM LEADER:			
▽ John Lamb	449		▽
ALTERNATE TEAM LEADERS:			
▽ Jim Bob Jackson	228		▽
▽ Larry Munson	272		▽
MEMBERS:			
▽ David Eichenberger	171		▽
▽ Alex Smith	323		▽
▽ Charles May	255		▽
▽ Barry Waldron	418		▽
▽ Gary Kendrick	239		▽
▽ Tom Wilkins	372		▽
▽ Don Booker	116		▽
▽ Glenn Brooks	134		▽
▽ Kyle Jones	422		▽
▽ James Nichols	328		▽
▽ Chester Wetzel	477		▽
▽ Johnny Walker	362		▽
▽ Marion Hall	202		▽

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ATTACHMENT 4

EMERGENCY MEDICAL TEAM ROSTER/CALL LIST

	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
TEAM LEADER:			
▽ Richard Gillespie	191		▽
ALTERNATE TEAM LEADERS:			
▽ Charles Adams	102		▽
▽ Dennis Calloway	139		▽
MEMBERS:			
▽ Bob Jackson	406		▽
▽ Richard Moredock	1850		▽
▽ Alan McArthur	98		▽
▽ Steve Stork	336		▽
▽ Mike Hoyt	222		▽
▽ Gerald Bartlett	114		▽
▽ Albert Lane	243		▽
▽ Douglas Butler	137		▽
▽ Wayne Cheatham	148		▽
▽ Shirman Yancy	498		▽
▽ KaSandra Delph	165		▽
▽ Eileen Goulet	(192)		▽
▽ Debbie Rodgers	285		▽
▽ Royce Moore	269		▽
▽ Bill Bice	144		▽
▽ Paul Ford	1889		▽

() = Laminated Badge

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ATTACHMENT 5

EMERGENCY RADIATION TEAM ROSTER/CALL LIST

	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>
TEAM LEADER:			
∇ Matt Bolanis	88		∇
ALTERNATE TEAM LEADERS:			
∇ Dale Wagner	360		∇
∇ Tom Nickels	332		∇
∇ Robert Green	195		∇
∇ Chuck Burchard	119		∇
∇ Atina Murray	274		∇
MEMBERS			
∇ Roger Owings	283		∇
∇ Jeff Garren	189		∇
∇ Ken Zelnick	382		∇
∇ Tim Smith	327		∇
∇ Steve Fowler	183		∇
∇ David Rebarchik	356		∇
∇ Charles Anderson	430		∇
∇ Maurice Ward	428		∇
∇ Wayne Wright	470		∇
∇ Sarah Nettles	436		∇

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ATTACHMENT 6

TECHNICAL SUPPORT CENTER STAFF ROSTER/CALL LIST

	<u>BADGE</u>	<u>WORK</u>	<u>HOME</u>	<u>TSC</u>
▽ J. P. O'Hanlon	1			
▽ E. L. Sanders	488			
▽ B. A. Baker	110			
▽ D. D. Snellings	110			



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ATTACHMENT 7

OPERATIONAL SUPPORT CENTER STAFF ROSTER/CALL LIST

	<u>BADGE</u>	<u>WORK/OSC</u>	<u>HOME</u>
▽ P. Jones	234		▽
▽ V. C. Pettus	286		▽
▽ H. R. Tucker	350		▽
▽ T. H. Cogburn	151		▽
▽ E. C. Ewing	400		▽
▽ M. J. Bolanis	88		▽
▽ G. L. Fiser	179		▽
▽ T. C. Baker	112		▽
▽ S.R. Lueders	345		▽
▽ J. B. Lamb	449		▽
▽ H. L. Hollis	215		▽
▽ M. K. Bishop	3152		▽

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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	410		∇
∇ J. H. Montgomery	118		∇

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ATTACHMENT 9

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EMERGENCY TELEPHONE NUMBERS
(OUTSIDE ASSISTANCE)

NOTE: All area codes are 501 unless otherwise noted.

FEDERAL

Corps of Engineers (Dardanelle)

Department of Energy
(Radiological Emergency Assistance Team)

Nuclear Regulatory Commission
(Directorate of Regulatory Operations, Region IV)

STATE

Arkansas Nuclear Planning & Response Program (Russellville)

Arkansas State Department of Health
(Bureau of Environmental Health Services)

Arkansas State Police
(Clarksville)

Office of Emergency Services
(Conway)

LOCAL

POPE: Ambulance Service
Sheriff's Department
Emergency Services (Office)
(Home)

YELL: Sheriff's Department
Emergency Services (Home)

JOHNSON: Sheriff's Department
Emergency Services (Office)
(Home)

LOGAN: Sheriff's Department
Emergency Services (Home)



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LOCAL CONT.

RUSSELLVILLE: Millard Henry Clinic

Russellville Fire Department
St. Mary's Hospital

Arkla Gas Company

Missouri-Pacific Railway Co.

KARV

ARKANSAS POWER & LIGHTARKANSAS NUCLEAR ONE: Emergency Control Center
Main Guard Station
Unit One Control Room
Unit Two Control RoomLITTLE ROCK: Senior Vice President, Energy Supply (Office)
(W. Cavanaugh) (Home)Director, Nuclear Operations (Office)
(J. Griffin) (Home)Director, Technical & Environmental Services (Office)
(D. Rueter) (Home)Director, Fossil Operations (Office)
(D. Sikes) (Home)Vice President, Corporate Communications (Office)
(C. Kelly) (Home)Manager, Corporate Security (Office)
(C. Dunn) (Home)

Little Rock Control Center

RUSSELLVILLE: District Office: E. Deaton (Office)
(Home)J. Lee (Office)
(Home)W. Harris (Office)
(Home)

Emergency Control Office

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OTHER AGENCIES

BABCOCK & WILCOX: Site Representative [▽](T. Scott) (Home)
Emergency Response Center [▽]

COMBUSTION ENGINEERING: Site Representative
(A. B. McGregor) (Home)
Emergency Response Center

INSTITUTE OF NUCLEAR POWER OPERATIONS

NUCLEAR SAFETY ANALYSIS CENTER

NUCLEAR ENERGY LIABILITY PROPERTY INSURANCE ASSOCIATION

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ARKANSAS POWER & LIGHT COMPANY
Arkansas Nuclear One

EMERGENCY PLAN

FORM 1000.06A

PERSONNEL EMERGENCY
1903.23 REV. 2

Safety Related

UN - Controlled Copy # 108

RECORD OF CHANGES AND REVISIONS

PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE	PAGE	REVISION	CHANGE
1	2							
2	2							
3	2							
4	2							
5	2							
6	2							

APPROVED BY:

J.P. O'Hanlon
(GENERAL MANAGER)

APPROVAL DATE

7-31-81



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1.0 PURPOSE

The purpose of this procedure is to provide guidance to ANO personnel on how to respond to a personnel emergency. This emergency may be medical or contamination-related medical.

2.0 SCOPE

This procedure outlines the general response to be taken during a personnel emergency. It is not intended to give medical guidance for use during the emergency.

3.0 REFERENCES

3.1 References Used in Procedure Preparation:

- 3.1.1 Arkansas Nuclear One Emergency Plan
- 3.1.2 Red Cross First Aid Instruction Pamphlets
- 3.1.3 NCRP Report No. 39, "Basic Radiation Protection Criteria"
- 3.1.4 NCRP Report No. 65, "Management of Persons Accidentally Contaminated with Radionuclides"

3.2 References Used in Conjunction with this Procedure:

- 3.2.1 1622.010, "Personnel Decontamination"
- 3.2.2 1903.33, "Re-Entry Guidelines"
- 3.2.3 1903.74, "Pope County Ambulance Service"

3.3 Related ANO Procedures:

- 3.3.1 1903.42, "Duties of the Emergency Medical Team"
- 3.3.2 1903.72, "St. Mary's Hospital"
- 3.3.3 1903.73, "Millard-Henry Clinic"

4.0 DEFINITIONS

4.1 A serious injury that requires action specified in this procedure is defined as an injury to any person that has resulted in:

- 4.1.1 More than a momentary loss of consciousness.
- 4.1.2 An actual or suspected fracture.



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- 4.1.3 A head injury.
- 4.1.4 An injury that may have damaged internal organs.
- 4.1.5 A serious burn.
- 4.1.6 Hemorrhaging.
- 4.1.7 Receipt of a large dose of radiation (i.e., greater than 50 R).

5.0 PRECAUTIONS

- 5.1 Personnel administering first aid to an injured person in a suspected or undefined radiation field should be joined by a Health Physics representative as soon as possible.
- 5.2 Entry into evacuated or high radiation areas for the purpose of attending to injured or contaminated individuals shall be in accordance with 1903.33, "Re-entry Guidelines".
- 5.3 If it is not clear that the individual can be moved without harm, he should not be moved until further help arrives, unless the individual would be in danger of loss of life or limb.
- 5.4 Individuals who have suffered any of the conditions described in Section 4.0 should receive a medical examination prior to returning to work.

6.0 IMMEDIATE ACTIONS

- 6.1 In the event of a personnel emergency, personnel in the vicinity of the affected individual should:
 - 6.1.1 Administer immediate first aid and attention. This attention should consist of:
 - A. Stopping bleeding by applying pressure.
 - B. Using resuscitation techniques.
 - C. Keeping the individual calm and comfortable until further help arrives.
 - 6.1.2 Notify either unit's Shift Supervisor (preferred), the Safety & Fire Prevention Coordinator or the individuals Supervisor.
 - 6.1.3 Remain available to provide information to the appropriate medical personnel.



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7.0 FOLLOW-UP ACTIONS

- 7.1 For any medical emergency, either unit's Shift Operations Supervisor should be informed, if not previously done; periodic updates should be provided to the Shift Supervisor initially contacted.
- 7.2 The Shift Operations Supervisor shall direct appropriate medical assistance to the injured individual. The following groups should be called upon (when on-site) to provide assistance:

NOTE: These groups should be contacted by the most expedient means available (if the page is used, the announcement should be repeated several times).

- 7.2.1 Bechtel Nurse ()
- 7.2.2 Emergency Medical Team.
- 7.2.3 Safety & Fire Prevention Coordinator ()

NOTE: Basic First Aid Supplies are maintained in the following locations:

- A. Unit 1 Controlled Access Exit Area (Health Physics).
- B. Unit 2 Controlled Access Entrance Area (Health Physics).
- C. Unit 1 Turbine Building, Elev. 354 South (Fire Locker).
- D. Unit 2 Turbine Building, Elev. 354 North (Fire Locker).
- E. Unit 1/2 Turbine Building Elev. 386 (Fire Locker).
- 7.3 When directed, the appropriate medical personnel onsite should respond to the location where the injured or contaminated individuals are located and:
- 7.3.1 Administer appropriate first aid measures.
- 7.3.2 Provide the Shift Supervisor with an assessment of the situation (to include further needs, if necessary).
- 7.3.3 Gather necessary information from the personnel initially on the scene (to include individual's name for future reference).
- 7.3.4 Obtain the injured person's security badge, dosimeters and TLD for further identification and dose determination.



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7.4 If an individual is potentially contaminated, the following precautionary measures should be taken (as allowed by the nature of the injury), as necessary:

NOTE: The Shift Operations Supervisor shall ensure that a Health Physics representative is assigned to accompany the individual(s) both onsite and to offsite medical facilities, as necessary.

7.4.1 Take precautions (coverings, use of stretcher, etc.) to prevent the spread of contamination during movement and transport of the individual.

7.4.2 Move the individual to a "clean" area, as allowed by step 5.3.

7.4.3 Remove contaminated clothing.

7.4.4 Survey the individual for surface contamination.

NOTE: Contaminated wounds, eyes, etc., should be decontaminated by use of water only; wounds should be covered before and after decontamination efforts.

7.4.5 Decontaminate the affected areas removing as much transferable contamination as possible per 1622.010, "Personnel Decontamination".

7.4.6 Cover remaining contaminated areas.

NOTE: If an individual is potentially contaminated and requires transportation to an offsite medical facility, he should be initially transported to St. Mary's Hospital.

7.5 The Shift Operations Supervisor may make arrangements for treatment based upon the assessment of a qualified medical individual. If a qualified medical individual is not available, the following guidance is provided:

7.5.1 If the injured individual(s) requires attention from a doctor and are judged incapable of travel, the appropriate physicians should be called from Millard-Henry Clinic () or St. Mary's Hospital (), advised of the physical and radiological condition of the injured, and requested to come immediately to ANO. The Pope County Ambulance Service should also be contacted (refer to step 7.5.2).

7.5.2 If the injured individual(s) requires immediate attention from a doctor and are judged capable of travel, the Pope County Ambulance Service should be called at () advised of the physical and radiological condition of the injured and requested to come immediately to ANO. If the situation requires the ambulance personnel to enter a potentially contaminated area, refer to 1903.74, "Pope County Ambulance Service" for further guidance.



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- 7.5.3 If the injured individual(s) do not require immediate attention from a doctor and are judged capable of travel, arrangements should be made to transport the individuals for further examination to Millard-Henry Clinic or St. Mary's Hospital.
- 7.5.4 If the injured individual or individual(s) attending to the injured individual are suspected of having received a radiation dose in excess of 50 R, arrangements should be made to transport those individuals to the University of Arkansas Medical Sciences Hospital in Little Rock for treatment, as necessary, after examination at St. Mary's Hospital.
- 7.6 The Shift Operations Supervisor should notify the Duty Guard Sergeant if off-site medical assistance has been requested to report onsite so that Security personnel may be ready to receive and escort the medical personnel. (Routine access point - North Gate; routine receiving area - Maintenance Facility Breezway, unless otherwise directed.)
- 7.7 If the injured individual is transported to a medical facility, the Shift Operations Supervisor should call the appropriate medical facility and advise them, as known, of the number of individuals involved, a description of the medical emergency and whether or not contamination is involved.
- 7.7.1 Millard Henry Clinic ()
- 7.7.2 St. Mary's Hospital ()
- 7.7.3 University of Arkansas Medical Sciences Hospital ()
- 7.8 An escort, as indicated below, should accompany the injured individual(s) to provide any necessary information or assistance to the medical personnel and provide periodic updates to the Shift Supervisor (or other individual, as directed).
- 7.8.1 If the individual is contaminated, a Health Physics representative shall accompany.
- 7.8.2 If the individual is not contaminated, one of the following individuals should accompany:
- A. Emergency Medical Team Member
 - B. Bechtel Nurse (If Bechtel personnel are involved)
 - C. Safety and Fire Prevention Coordinator



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D. An ANO Management Representative

E. Any knowledgeable member of the plant staff

8.0 ATTACHMENTS AND FORMS

None



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ATTACHMENT 2

Oil Spill Response Team Organization and Responsibilities

The purpose of the ANO Oil Spill Response Team is to minimize the consequences of an oil spill upon the environment of Lake Dardanelle. The Oil Spill Response Team shall be activated per Section 4.4.3 of this procedure. Upon activation the team shall initiate action as described in Section 4.2 and Attachment 1 of this procedure. The Oil Spill Team leader shall be responsible for coordinating oil containment and clean up activities and reporting to the Technical Analysis Superintendent.

Call List For Oil Spill Response Team

	NAME	PHONE
Team Leader	▽ Charles Adams	▽
Alternate Team Leader	▽ Dennis Calloway	▽
Alternate Team Leader	▽ Tom Baker	▽
Members	▽ Gary Lipham	▽
	▽ Tom Blakenship	▽
	▽ Clyde Butts	▽
	▽ Larry Greathouse	▽
	▽ Al Morgan	▽
	▽ Steve DeYoung	▽
	▽ Sid Hawkins	▽
	▽ Mike Hall	▽

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



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ARKANSAS POWER & LIGHT COMPANY Arkansas Nuclear One

TITLE: NOTIFICATION RECORD

FORM NO. 1903.24B

REV. # 0 PC #

AGENCY	PERSON CONTACTED	PHONE	DATE/TIME CONTACTED
USCG National Response Center	_____	▽ _____	_____
State Dept. Pollution Control & Ecology	_____	_____	_____
AP&L G&C Technical Analysis	▽ Dale L. Swindle	Office Home	▽ _____
AP&L G&C Technical Analysis	▽ Edward L. Green	Office Home	▽ _____
AP&L G&C Technical Analysis	▽ Sharon R. Tilley	Office Home	▽ _____

For information purposes, the following numbers are provided:

U.S. Coast Guard (Memphis)
24-Hour Emergency

EPA, Dallas
24-Hour Emergency

Corps of Engineers

Other Agencies Notified:

AGENCY	PERSON CONTACTED	PHONE	DATE/TIME CONTACTED
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Person Making Notification:

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ARKANSAS POWER & LIGHT COMPANY
Arkansas Nuclear One

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FORM 1000.06A

DUTIES OF THE EMERGENCY RADIATION TEAM
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APPROVED BY:

J.P. Hankin *by* *St. Luke*

(GENERAL MANAGER)

APPROVAL DATE

7-29-81



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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, "Magnitude of Release - Unit 1"

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

3.3.5 2904.02, "Magnitude of Release - Unit 2"

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 Classroom and adjoining office. [Upon team assignments being made, the On-site Radiological Monitoring Section should continue to operate from this location (unless otherwise instructed); the Off-site 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) First Floor Classroom (Admin. Bldg), (3) Emergency Control Center (1st Floor), and (4) St. Mary's Hospital (Emergency Room).



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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.
- 5.2 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:
- 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.

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.



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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 onsite areas and accompanies other emergency response teams during initial entry and subsequent re-entries, as required).
- B. Offsite Radiological Monitoring Section (performs initial surveys, sampling, and posting of applicable offsite 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.

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.



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- 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.

- A. 1903.30, "Plant Evacuation"
 - B. 1903.33, "Re-entry Guidelines"
 - C. 1903.76, "Arkansas Department of Health"
 - D. 1904.02 (2904.02), "Magnitude of Release - Unit 1(2)"
- 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.



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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)
- 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, provide team accountability results to the Technical Support Center, and await further instructions.

9.0 ATTACHMENTS AND FORMS

9.1 Attachment 1 - EAL Organizational Structure

9.2 Attachment 2 - Checklist (Team Leader)



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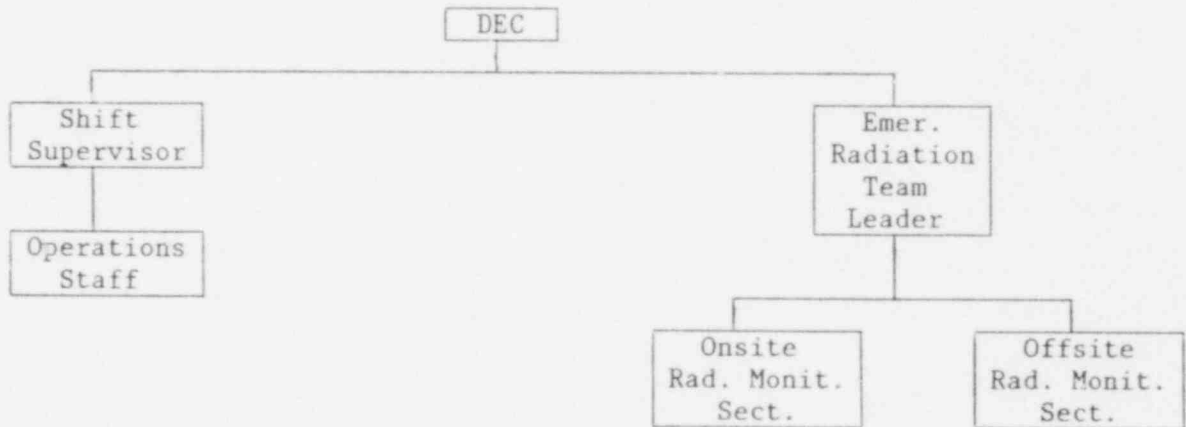
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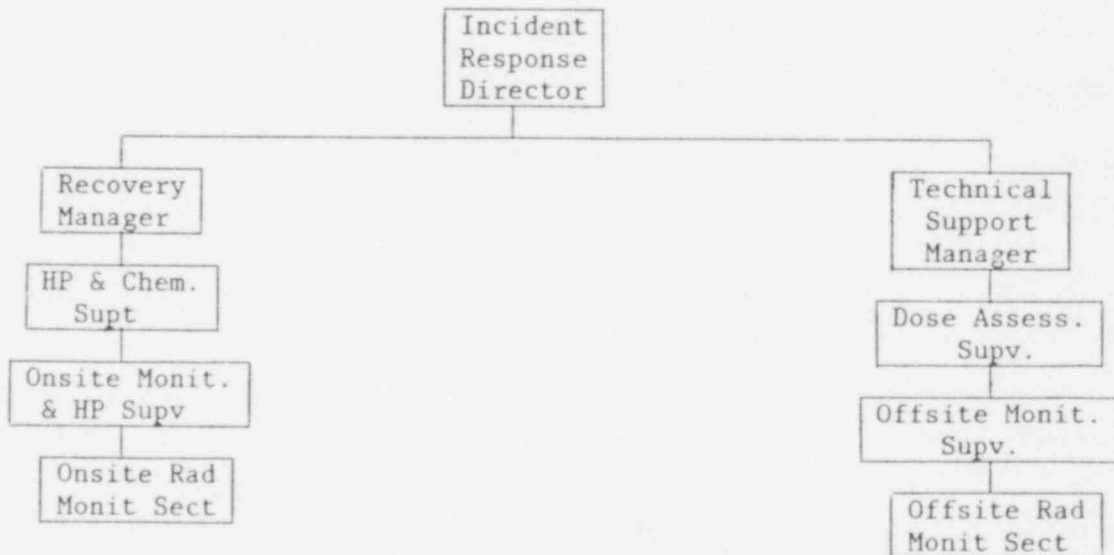
ATTACHMENT 1

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).





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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.



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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.



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APPROVED BY:

J.P. O'Hanlon *B. Baker*
(GENERAL MANAGER)

APPROVAL DATE

7-31-81



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1.0 PURPOSE

The purpose of this procedure is to provide guidance on the responsibilities and duties of the Emergency Recovery 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 1903.33, "Re-Entry Guidelines"

3.3 Related ANO Procedures:

3.3.1 1903.02, "Assignment of Plant Emergency Team Members"

3.3.2 1903.42, "Duties of the Emergency Medical Team"

4.0 DEFINITIONS

4.1 Operational Support Center (OSC) - the ANO Administration Building; the Emergency Recovery Team should initially assemble in the 1st Floor Classroom unless otherwise directed.

5.0 RESPONSIBILITIES

5.1 The Emergency Recovery Team is responsible for performing re-entry operations into evacuated areas involving the following situations:

5.1.1 To ascertain that personnel who were in the affected area have been evacuated and, if necessary, search for unaccounted personnel.

5.1.2 To rescue any injured or trapped personnel from the affected area.



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5.1.3 To perform operations which may decrease the effect of the emergency or hazardous condition.

5.1.4 To determine the nature and extent of the emergency and/or radiological conditions.

5.2 The Emergency Recovery Team Leader is responsible for coordinating the emergency actions of the Emergency Recovery Team.

6.0 PRECAUTIONS

6.1 Procedure 1903.33, "Re-entry Guidelines" shall be followed in regard to the measures to be taken to minimize exposure to re-entry personnel.

6.2 The Emergency Recovery Team must perform their duties in the safest and most efficient manner possible while making every effort to minimize re-entry personnel exposure.

7.0 NOTIFICATIONS

7.1 The Emergency Recovery Team if formed, as required, for the existing emergency condition under the direction of the Duty Emergency Coordinator/Recovery Manager.

7.2 The team leader and team members shall be selected from personnel who have experience in health physics, first aid, operations or maintenance.

7.3 Personnel selected for the team should be notified by the most expedient method available of the location to which they shall report (this location should be the 1st Floor Classroom unless otherwise directed).

8.0 EMERGENCY RECOVERY TEAM INSTRUCTIONS**8.1 Immediate Actions**

8.1.1 The Emergency Recovery Team Leader shall function under the direction of the Duty Emergency Coordinator/Recovery Manager.

A. Re-entry operations shall take place only on the authority of the Duty Emergency Coordinator/Recovery Manager.

B. The Emergency Recovery Team shall be briefed regarding the following subjects:

1. Duties and actions to perform.

2. Expected dose rates and stay times.



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3. Other information as applicable.

- C. The Emergency Recovery Team shall be accompanied by a member of the Emergency Radiation Team during initial entry and subsequent re-entries into plant areas until radiation areas have been marked.
- D. If the situation required re-entry for the purpose of search and rescue, personnel from the Emergency Medical Team and Emergency Radiation Team shall be assigned to the Emergency Recovery Team.

8.1.2 The guidelines contained in 1903.33, "Re-entry Guidelines" shall be followed during re-entry operations.

8.2 Follow-Up Actions

8.2.1 The Emergency Recovery Team shall report and function as directed by the Duty Emergency Coordinator/Recovery Manager.

9.0 ATTACHMENTS AND FORMS

None



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APPROVED BY:

J.P. O'Hanlon by R. Baker
(GENERAL MANAGER)

APPROVAL DATE

7-31-81



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1.0 PURPOSE

The purpose of this procedure is to describe the division of responsibilities of the AP&L Emergency Response Organization (ERO). Portions of this augmented Emergency Response Organization may be activated for Unusual Events and Alerts. The entire organization would be activated for Site and General Emergencies.

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:

None

3.3 Related ANO Procedures:

3.3.1 Procedure 1903.51, "Turnover of Responsibility to the Emergency Response Organization".

4.0 DEFINITIONS

- 4.1 Emergency Response Organization (ERO) - The AP&L emergency response organization, composed of plant and General Office personnel, which is activated to augment the resources of the Initial Response Organization for more serious events. A diagram of this organization is shown in Attachment 1.
- 4.2 Initial Response Organization (IRO) - The emergency response organization, primarily composed of plant personnel, which must be able to report to the plant within 60 minutes of being notified. A diagram of this organization is shown in Attachment 2. This organization is composed of the Operations Staff on duty, the Duty Emergency Coordinator, the Shift Technical Advisor and the Plant Emergency Response Teams.
- 4.3 Onsite Technical Support Center - The location within the ANO Administration Building equipped with instrumentation and communication systems and facilities useful in monitoring the course of an accident; this center is located in the 4th floor Planning & Scheduling area.
- 4.4 Onsite Operational Support Center - The ANO Administration Building; the normal work location for an individual is used as the reporting area in this center with the following exceptions:



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- 4.4.1 Planning & Scheduling Supervisor - 4th floor conference room.
- 4.4.2 Radwaste Coordinator - individual's supervisor's office in the Administration Building.
- 4.4.3 Emergency Team Personnel.
 - A. Evacuation - (Material Management Personnel) Main Guard Station; (Training Personnel) Emergency Control Center
 - B. Fire - 2nd floor conference room.
 - C. Medical - First Aid Room/2nd Floor Break Room.
 - D. Radiation - (Onsite Team) 1st floor classroom (and adjacent offices).
 - E. Recovery - same as 4.4.3.D.

4.5 Emergency Control Center (ECC) - a near-site facility located approximately 0.65 miles northeast of the reactor buildings (the ANO Training Facility).

5.0 RESPONSIBILITIES

NOTE: Unless otherwise indicated, a position should be filled by ANO personnel bearing the same title.

- 5.1 The Emergency Response Organization is divided into four areas of responsibility: recovery, technical support; communications, and (non-technical) support. Recovery is directed by the Recovery Manager with advice and support from the Incident Response Director. Support of the Recovery Manager may be provided both onsite and offsite and is the responsibility of the Incident Response Director.
- 5.2 The Incident Response Director (IRD) is the individual responsible to Arkansas Power & Light corporate management for overall direction of the response to an incident. As such, he is responsible for assuring the continuity of resources (technical, administrative and material) required for continuous operations of the Emergency Response Organization for a protracted period. The Incident Response Director is the primary authority for the Company and must approve public information releases prepared by AP&L. In the absence of the Incident Response Director, the Technical Support Manager shall assume his duties.

This position should be filled by the Senior Vice President of Energy Supply.



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- 5.3 Two assistants are assigned to the Incident Response Director. The Assistants to the Incident Response Director will perform duties assigned by the Incident Response Director and will be available to respond to questions from and provide advice to members of the Emergency Response Organization. In addition, they are responsible for preparing and distributing periodic progress reports to the entire Emergency Response Organization in order to assure that each portion of the organization is working with current and consistent information. The Assistants to the Incident Response Director also coordinate responses to requests for information by non-AP&L groups (local, state, federal, other Utilities, etc.). In the absence of the Incident Response Director and the Technical Support Manager, an Assistant to the Incident Response Director assumes the duties of the Incident Response Director.

These positions should be filled by the Director of Technical and Environmental Services and the Director of Fossil Operations.

- 5.4 The Recovery Manager assumes the duties of the Duty Emergency Coordinator and has authority to take any action he deems necessary to place the plant in a safe configuration. The Recovery Manager has the responsibility for decisions regarding emergency operations at the plant. In the absence of the IRD, the Technical Support Manager and the Assistants to the IRD, the Recovery Manager assumes the duties of the Incident Response Director.

The Operations Manager, the Maintenance Manager, the Maintenance Superintendents, and their staffs report to the Recovery Manager to assist him in planning and directing corrective and recovery actions. The Emergency Recovery Team is assembled by the Recovery Manager and functions under his direction. In the absence of the Recovery Manager, the Operations Manager, the Maintenance Manager or the Operations Superintendent of the unaffected unit (in that order) assumes the duties of the Recovery Manager.

This position should be filled by the ANO General Manager.

- 5.5 The Operations Manager is responsible for assisting the Recovery Manager in planning and directing corrective or recovery actions. In the absence of the Recovery Manager, the Operations Manager assumes the duties of the Recovery Manager.
- 5.6 The Maintenance Manager is responsible for assisting the Recovery Manager in planning and directing corrective or recovery actions. In the absence of the Recovery Manager and the Operations Manager, the Maintenance Manager assumes the duties of the Recovery Manager.



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- 5.7 The Maintenance Superintendents are responsible for necessary repairs and installation of plant equipment modifications and assistance in directing the Emergency Recovery Team.
- 5.8 The Planning and Scheduling Supervisor is responsible for coordinating the activities of plant personnel not assigned to specific teams.
- 5.9 The Operations Superintendent is the primary authority in the Control Room of his designated unit. He shall determine plant conditions, make recommendations and provide updates to the Recovery Manager. In the absence of the Recovery Manager, Operations Manager, and the Maintenance Manager, the Operations Superintendent of the unaffected unit shall assume the duties of the Recovery Manager.
- 5.10 The Shift Technical Advisor shall assist the Shift Operations Supervisor in the Control Room of the affected Unit to follow the course of the emergency and mitigate its consequences.
- 5.11 The Technical Support Manager is responsible for technical support activities. He is also responsible for coordinating AP&L off site radiological monitoring efforts with the Arkansas Department of Health and Nuclear Regulatory Commission. In the absence of the Incident Response Director, the Technical Support Manager assumes his duties.

This position should be filled by the Assistant Vice President of Nuclear Operations.

- 5.12 The Nuclear and Engineering Support Superintendent is responsible for providing advice on plant design and coordinating engineering activities in the areas of analysis, design modifications and system response.

This position should be filled by the ANO Engineering and Technical Support Manager.

- 5.13 The Health Physics and Chemistry Superintendent is responsible for supervising onsite health physics and chemistry activities. These activities include onsite radiological monitoring, decontamination, initial dose assessment calculations, initial magnitude of radiological release calculations, primary side chemistry control and sampling, and secondary side chemistry control and sampling.

This position should be filled by the ANO Technical Analysis Superintendent.



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- 5.14 The Engineering Resources Coordinator is responsible for coordinating the engineering support of the Nuclear Steam Supply System vendors, Architect/Engineer, Middle South Services, other utilities, and consultants.
- This position should be filled by the Director of Generation Engineering.
- 5.15 The Licensing Coordinator is responsible for coordinating activities to respond to Nuclear Regulatory Commission requests.
- This position should be filled by the Manager of Licensing.
- 5.16 The Nuclear Support Supervisor is responsible for coordinating activities related to nuclear engineering and reactor physics.
- This position should be filled by the ANO Plant Analysis Superintendent.
- 5.17 The Site Engineering Supervisor is responsible for coordinating engineering activities at the site.
- This position should be filled by the Plant Engineering Superintendent.
- 5.18 The Dose Assessment Supervisor is responsible for calculating magnitude of radiological releases and doses to individuals offsite.
- This position should be filled by the Manager of Technical Analysis.
- 5.19 The Onsite Monitoring and Health Physics Supervisor is responsible for monitoring onsite radioactivity levels, monitoring personnel exposures and directing Health Physics activities onsite. The Onsite Radiological Section of the Emergency Radiation Team reports to him following activation of the Emergency Response Organization.
- This position should be filled by the ANO Health Physics Superintendent.
- 5.20 The Radiochemistry Supervisor is responsible for sampling and analysis of primary plant coolant and liquid and gaseous radioactive wastes.
- 5.21 The Chemistry Supervisor is responsible for sampling and analysis of secondary plant fluid systems.
- 5.22 The Offsite Monitoring Supervisor is responsible for directing AP&L offsite radiological monitoring activities. This effort shall be supplemented by AP&L laboratory personnel from the Technical Analysis Section of the Technical and Environmental Services Department, located in Little Rock. The Offsite Radiological Monitoring Section of the Emergency Radiation Team reports to him following activation of the Emergency Response Organization.
- This position should be assigned by the Dose Assessment Supervisor from personnel in the Technical Analysis section of the Technical & Environmental Services Department.



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- 5.23 The Radwaste Coordinator is responsible for the packaging, transporting, and disposing of radioactive wastes.
- 5.24 The Support Superintendent is responsible for coordinating non-technical support. He reports directly to the Incident Response Director.
- This position should be filled by the Director of Administrative Services and Project Support.
- 5.25 The Logistics and Procurement Coordinator is responsible for obtaining any additional facilities, equipment, supplies and transportation required to support the Emergency Response Organization.
- This position should be filled by the ANO Administrative Manager.
- 5.26 The Financial Services Coordinator is responsible for maintaining the payroll, and any other required financial assistance.
- This position should be filled by the Manager of Financial Services.
- 5.27 The Office Services Coordinator is responsible for word processing, drafting, maintaining files and documentation in the Little Rock General Office.
- This position should be filled by the Office Services Coordinator.
- 5.28 The Site Security Coordinator is responsible for controlling access to the plant and to the Emergency Control Center. He is responsible for personnel accountability within the exclusion area and at the Emergency Control Center. He shall also coordinate Arkansas Power & Light security efforts with local law enforcement authorities. The Emergency Evacuation Team reports to him following activation of the Emergency Response Organization.
- 5.29 The Facilities Maintenance Coordinator is responsible for repairs and maintenance of the Emergency Control Center and of the equipment and facilities which have been brought in to promote recovery from the incident. He should work closely with the Logistics and Procurement Coordinator to obtain any materials or additional facilities requested of him.
- This position should be filled by the ANO Plant Services Supervisor.



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- 5.30 The Emergency Services Coordinator is responsible for problems which are not immediately related to plant operations, such as a fire or medical emergency. The plant Emergency Fire and Emergency Medical Teams report to him following activation of the Emergency Response Organization. The Emergency Services Coordinator should work closely with the Recovery Manager.

This position should be filled by the ANO Safety and Fire Prevention Coordinator.

- 5.31 The Site Office Services Coordinator is responsible for documentation of decisions and events, as well as word processing, drafting, maintaining files, etc., onsite.

This position should be filled by the ANO Office Services Supervisor.

- 5.32 The Corporate Security Coordinator is responsible for security of the Arkansas Power & Light General Office and executives. He may also be required to implement security for AP&L community offices and for other plant sites.

This position should be filled by the Manager of Corporate Security.

- 5.33 The Communications Superintendent is responsible for releases of information by Arkansas Power & Light. He should provide for recording discussions between the Incident Response Director and the Recovery Manager, the Nuclear Regulatory Commission, the Technical Support Manager, and the Support Superintendent. He shall then prepare information from these discussions for release and obtain approval for release of any information from the Incident Response Director.

The Communications Superintendent, as the media spokesman for Arkansas Power & Light shall then deliver this information to the Governmental Advisory Coordinator and Utility Advisory Supervisor, and then to the TV, radio, and press at interviews or conferences as scheduled by the Media Relations Coordinator. In the absence of the Communications Superintendent, the Media Relations Coordinator assumes his duties.

This position should be filled by the Vice President of Corporate Communications.

- 5.34 The Media Relations Coordinator is responsible for coordinating media requests for information or interviews, and for scheduling interviews, press conferences, etc., for the Communications Superintendent.

This position should be filled by the Assistant Manager of Communications.



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5.35 The Utility Advisory Supervisor is responsible for releasing information to Arkansas Power & Light employees, other utilities, and utility information service organizations such as Atomic Industrial Forum, Electric Power Research Institute, Edison Electric Institute, and the Institute of Nuclear Power Operations.

This position should be filled by the designated Communications Editor.

5.36 The Governmental Advisory Coordinator is responsible for providing information to elected state and federal officials on a regular basis.

This position should be filled by the Director of State Governmental Affairs.

5.37 The Local Advisory Supervisor is responsible for assisting the Governmental Advisory Coordinator by informing the elected officials of the communities and counties in the area of the plant. He is also responsible for ensuring that a representative of the Arkansas Power & Light organization is available to each principal offsite governmental emergency operations center (e.g. County Emergency Operations Center) to provide assistance to the governmental groups.

This position should be filled by the Russellville District Manager.

5.38 The Decision Secretary assists the Emergency Response Organization in decision-making by summarizing alternatives and their consequences.

This position should be filled by the Director of Generation Technology.

5.39 The Planning and Scheduling Coordinator is responsible for preparing schedules to coordinate and track the progress of Emergency Response Organization activities in response to an incident.

This position should be assigned by the Support Superintendent.

5.40 The TOCC Liasion is responsible for providing assistance to the Technical Operations Control Center staff, as necessary.

This position should be filled by the Manager of Quality Control.



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6.0 DESCRIPTION

- 6.1 Changes to the division of responsibilities of the Emergency Response Organization as described in Section 5.0 may be made as necessary at the time of an incident with the approval of the Incident Response Director.
- 6.2 The locations from which the members of the Emergency Response Organization are intended to normally function following an incident are identified in Attachment 3. The suggested communications flow plan is provided as Attachment 4.
- 6.3 A matrix of responsibilities of the Emergency Response Organization versus position is provided in Attachment 5.

7.0 ATTACHMENTS AND FORMS

- 7.1 Attachment 1 - Emergency Response Organization
- 7.2 Attachment 2 - Initial Response Organization
- 7.3 Attachment 3 - Primary Locations of Emergency Response Organization Members
- 7.4 Attachment 4 - Communications Flow Plan
- 7.5 Attachment 5 - Responsibilities Matrix for the Emergency Response Organization.

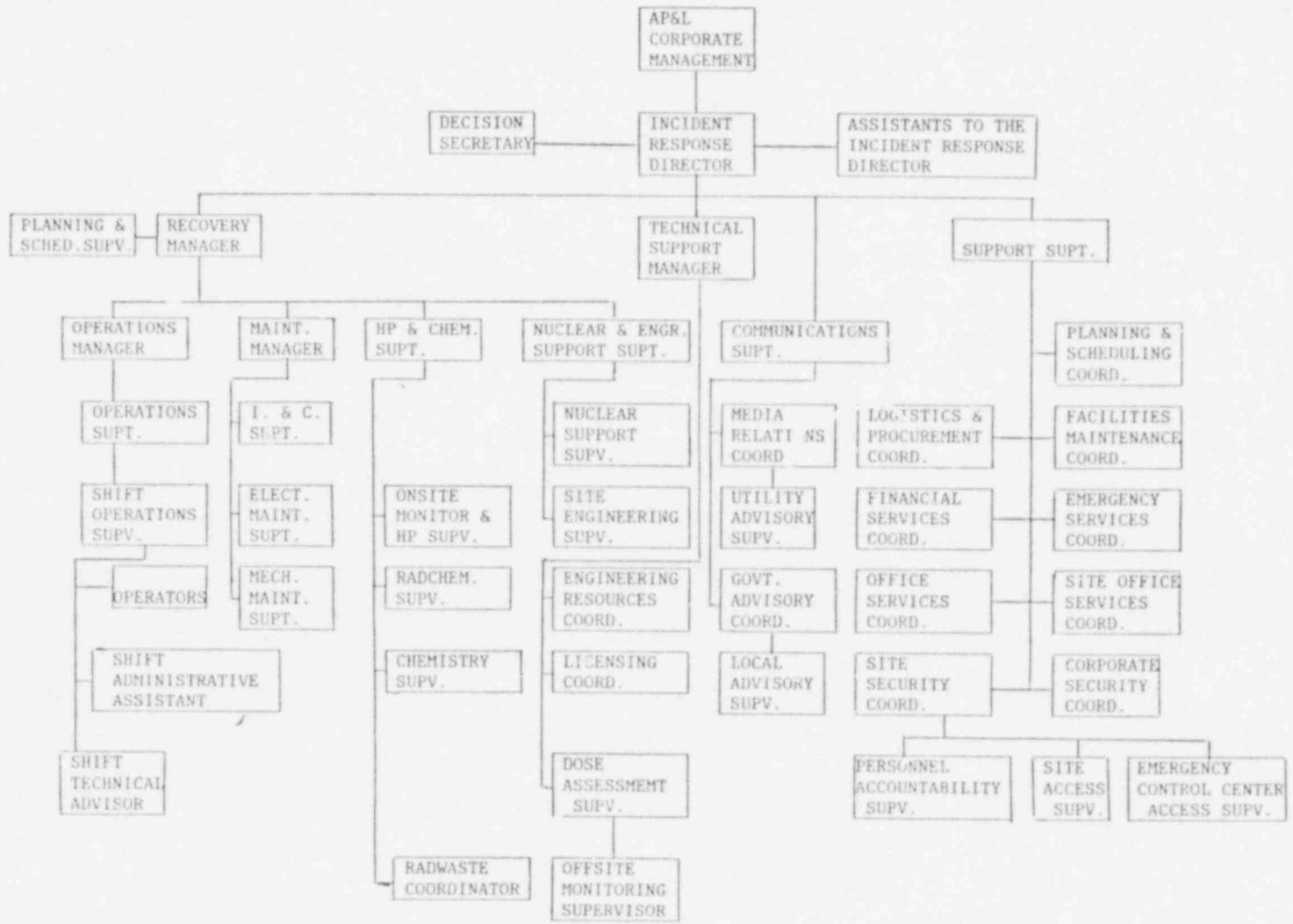


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ATTACHMENT 1 EMERGENCY RESPONSE ORGANIZATION





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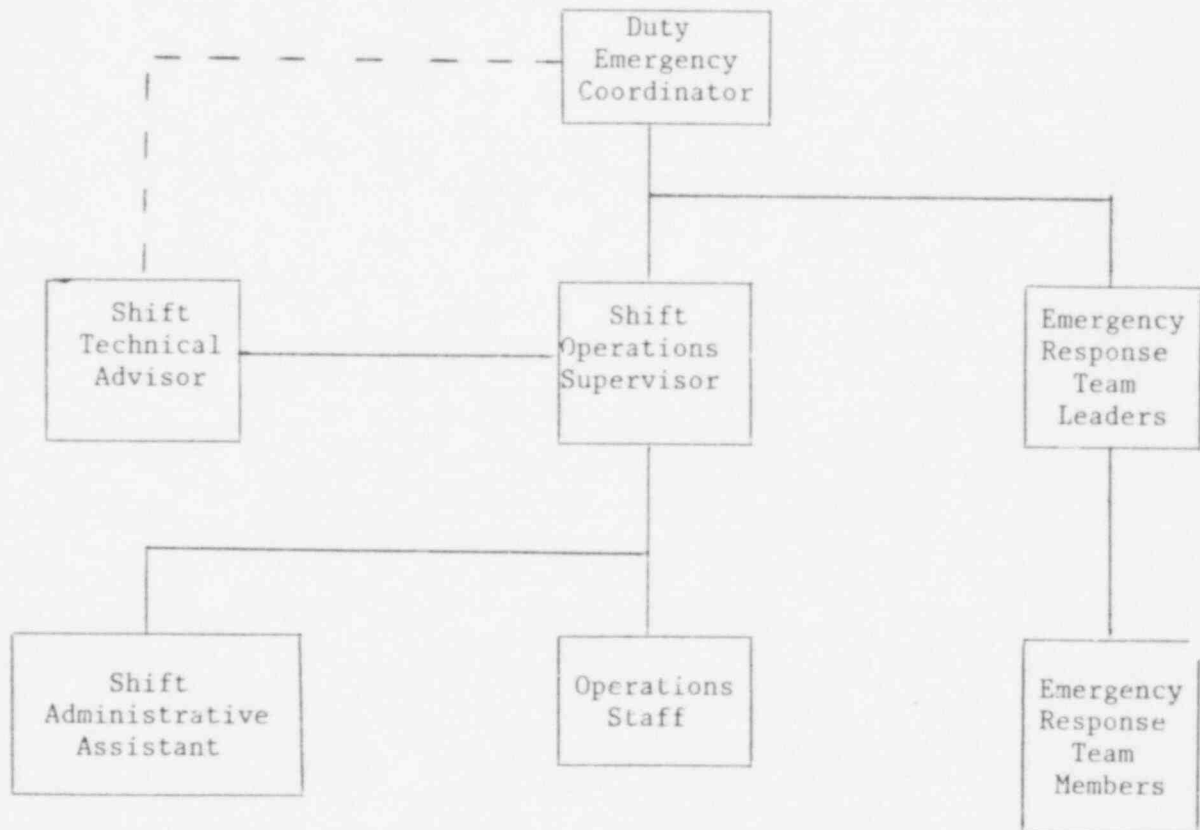
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ATTACHMENT 2

Initial Response Organization



----- Interface as appropriate



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Primary Locations of Members of the Emergency Response Organization

NOTE: In the event the Onsite Technical Support Center or the Onsite Operations Support Center must be evacuated, personnel in these centers will be relocated to the Emergency Control Center.

POSITION TITLE	CONTROL ROOM UNIT 1	CONTROL ROOM UNIT 2	ONSITE TECH. SUPPORT CENTER	ONSITE OPERATIONAL SUPPORT CENTER	EMERGENCY CONTROL CENTER	AP&L GENERAL OFFICE	COUNTY EMERGENCY OPS. CENTER
Ops. Superintendent	X	X					
Shift Ops. Supervisor	X	X					
Shift Technical Advisor*	X	-					
Shift Administrative Assistant	X	X					
Operations Personnel	X	X					
Recovery Manager			X				
Maintenance Manager			X				
Operations Manager			X				
Tech. Support Manager					X		
HP & Chemistry Superintendent			X				
Nuclear & Engr. Support Superintendent			X				
Dose Assessment Supervisor					X		
Maintenance Superintendents				X			
Nuclear Support Supervisor				X			
Site Engineering Supervisor				X			
Onsite Monitoring & HP Supervisor				X			
Radchem. Supervisor				X			
Chemistry Supervisor				X			
Radwaste Coordinator				X			
Emergency Services Coordinator				X			
Site Security Coordinator				X			
Site Office Services Coordinator				X			

*The Shift Technical Advisor functions in the Control Room of the affected Unit.



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POSITION TITLE	CONTROL ROOM UNIT 1	CONTROL ROOM UNIT 2	ONSITE TECH. SUPPORT CENTER	ONSITE OPERATIONAL SUPPORT CENTER	EMERGENCY CONTROL CENTER	AP&L GENERAL OFFICE	COUNTY EMERGENCY OPS. CENTER
Recovery Team				X			
Evacuation Team				X			
Fire Team				X			
Medical Team				X			
Onsite Radiological Monitoring Section of the Radiation Team				X			
Incident Response Director (IRD)					X		
Asst. to the Incident Response Director					X		
Decision Secretary					X		
Support Superintendent					X		
Communications Superintendent					X		
Media Relations Coordinator					X		
Governmental Advisory Coordinator					X		
Local Advisory Coordinator					X		X
Offsite Monitoring Section of the Radiation Team					X		
Engineering Resources Coordinator						X	
Licensing Coordinator						X	
Logistics & Procurement Coordinator					X		
Corporate Security Coordinator						X	
Financial Services Coordinator						X	
Office Services Coordinator						X	
Facilities Maintenance Coordinator					X		
Utility Advisory Supervisor						X	



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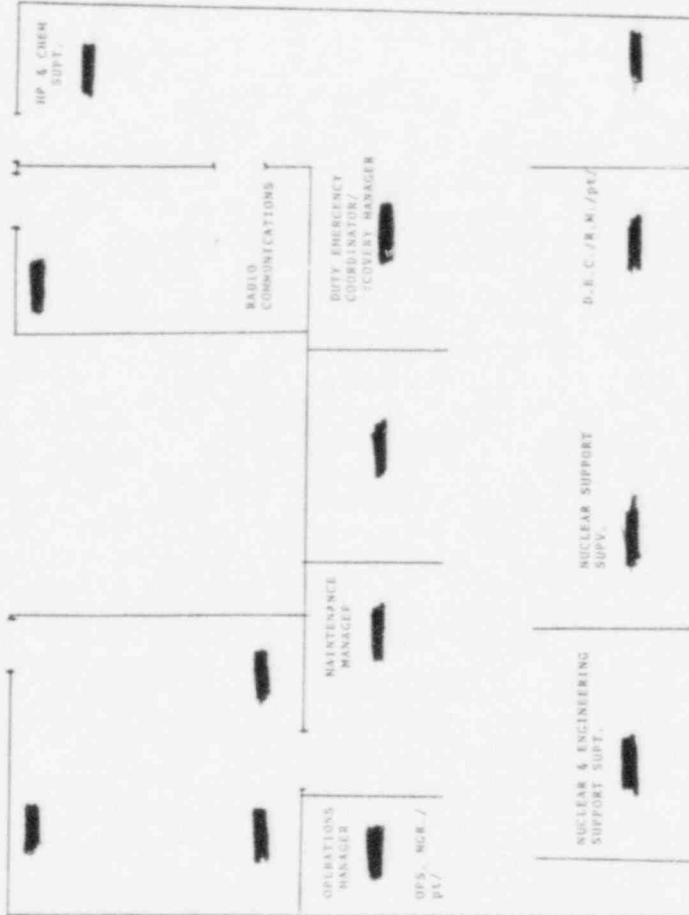
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ON-SITE TECHNICAL SUPPORT
 CENTER
 1425 Floor Planning and
 Scheduling Area)
 Date: 7/19/81



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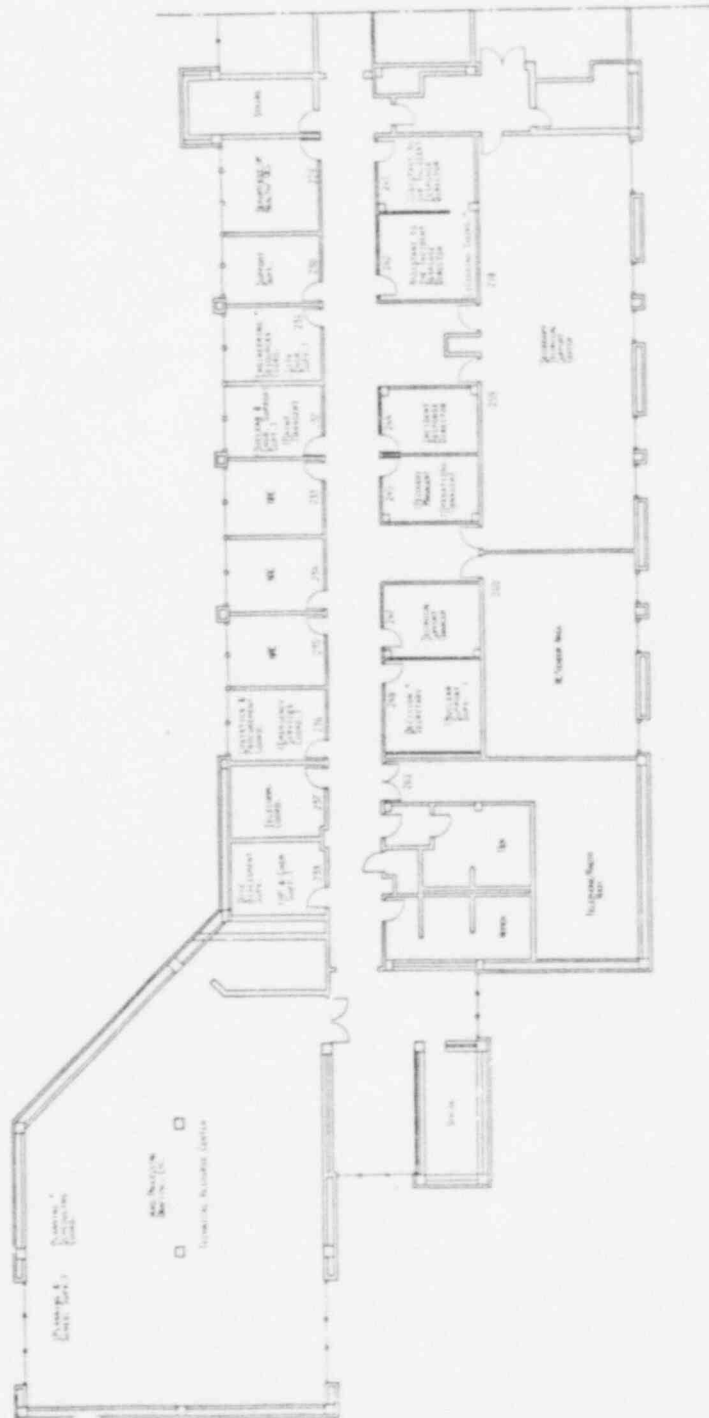
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Emergency Services Center
 Second Floor West Wing
 Emergency Services Center
 Second Floor West Wing
 Emergency Services Center
 Second Floor West Wing
 Emergency Services Center
 Second Floor West Wing

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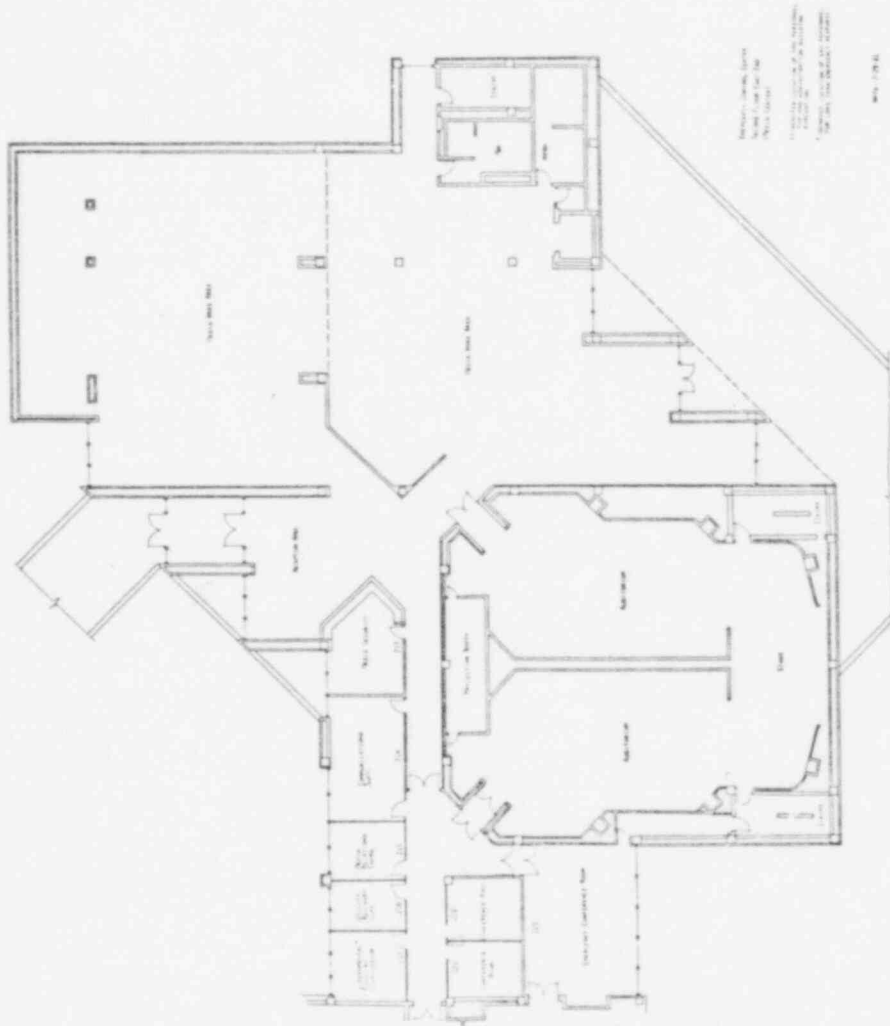
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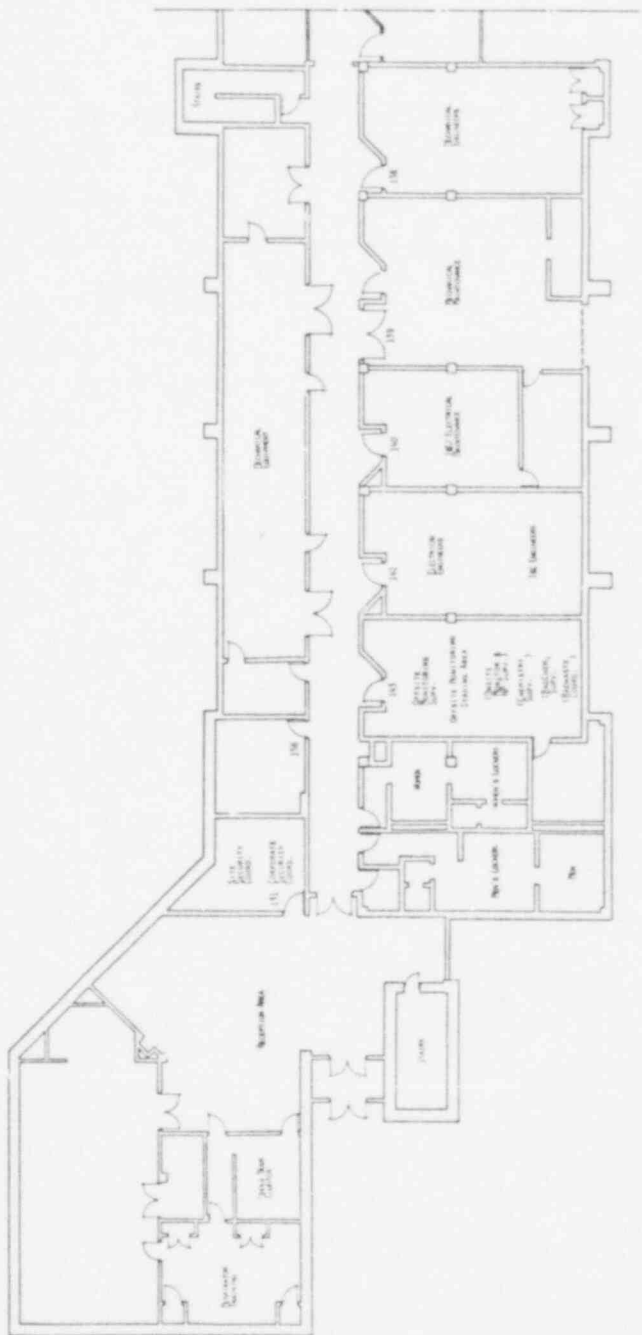
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EMERGENCY PLANNING SECTION
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FOR FURTHER INFORMATION AND PLANNING
 CONTACT THE EMERGENCY PLANNING
 SECTION AT THE PLANT

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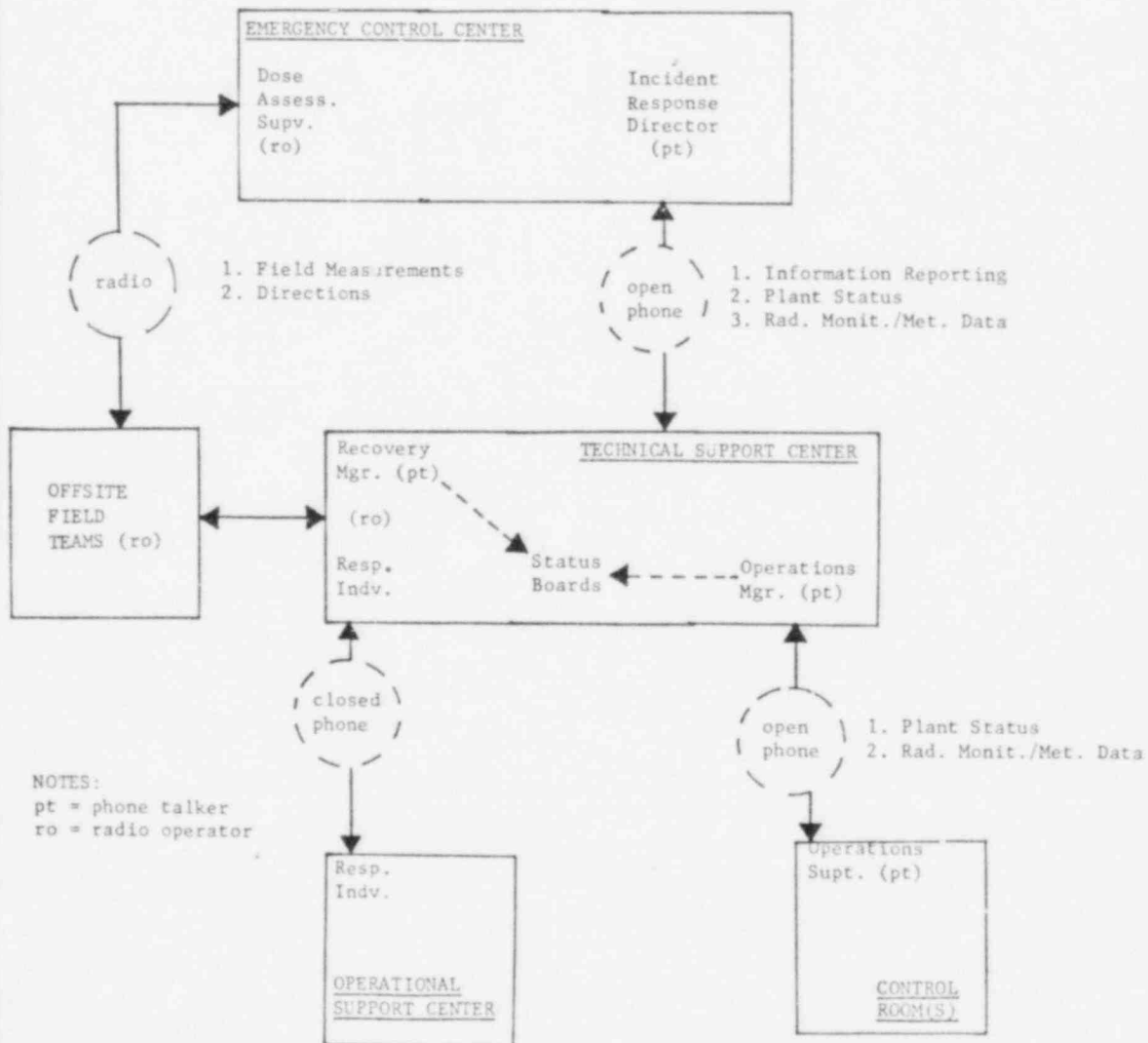
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ATTACHMENT 4 COMMUNICATIONS FLOW PLAN





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ATTACHMENT 5

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Responsibilities Matrix for the
Emergency Response Organization

<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
A. <u>Command and Control</u>	
1. Overall	Incident Response Director
2. Corrective & Recovery Actions	Recovery Manager
3. Offsite Radiological Monitoring	Dose Assessment Supervisor
4. Engineering and Technical Support Activities	Technical Support Manager
5. Non-technical Support Activities	Support Superintendent
6. Communications	Communications Superintendent
B. <u>Warning and Evacuation</u>	
1. Onsite Radiological Monitoring	Onsite Monitoring and Health Physics Supervisor
2. Predicting Offsite Doses	Dose Assessment Supervisor
3. Exclusion Area Evacuation	Site Security Coordinator
4. Site Access Control	Site Security Coordinator
5. Notification of State and Local Emergency Response Groups of Protective Action Recommendations	Incident Response Director
6. Liability Claims	Financial Services Coordinator
C. <u>Communications</u>	
1. Communications with the NRC	Incident Response Director
2. Communications with State Government Agencies	Incident Response Director
3. Communications with Local Government elected officials	Local Advisory Supervisor
4. Communications with other Utilities, EPRI, EEI, INPO, etc.	Utility Advisory Supervisor
5. Communications with the Media	Media Relations Coordinator
6. Approval of Public Information Releases	Incident Response Director
7. Communication with State and Federal elected officials	Governmental Advisory Coordinator



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ATTACHMENT 5 (cont.)

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ACTIVITYRESPONSIBILITYD. Emergency Facilities

- | | |
|---------------------|--|
| 1. Procurement | Logistics & Procurement
Coordinator |
| 2. Maintenance | Facility Maintenance
Coordinator |
| 3. Access Control | Site Security Coordinator |
| 4. Space Allocation | Support Superintendent |

E. Emergency Services

- | | |
|--------------------|-----------------------------------|
| 1. Fire Fighting | Emergency Services
Coordinator |
| 2. Medical Support | Emergency Services
Coordinator |

F. Engineering Support

- | | |
|---|--------------------------------------|
| 1. Coordination with NSSS suppliers,
A/E's, vendors, consultants | Engineering Resources
Coordinator |
| 2. Onsite Engineering Support | Site Engineering Supervisor |
| 3. Nuclear Engineering and Analysis | Nuclear Support Supervisor |
| 4. General Office Engineering | Engineering Resources
Coordinator |
| 5. Design Records | Site Office Services
Coordinator |

G. Recovery and Corrective Actions

- | | |
|----------------------------------|--|
| 1. Planning | Recovery Manager |
| 2. Equipment Manipulation | Ops. Superintendent |
| 3. Radwaste Handling | Radwaste Coordinator |
| 4. Repairs | Maintenance Manager and
Maintenance Superintendents |
| 5. Radiological Exposure Control | Onsite Monitoring and
Health Physics Supervisor |

H. Chemistry and Sampling

- | | |
|-------------------|---------------------------|
| 1. Primary Side | Radiochemistry Supervisor |
| 2. Secondary Side | Chemistry Supervisor |



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

EMERGENCY PLAN PROCEDURE

FORM 1000.06A

TURNOVER OF RESPONSIBILITY TO THE
EMERGENCY RESPONSE ORGANIZATION
1903.51 REV. 1

Safety Related

UN - Controlled Copy # 108

RECORD OF CHANGES AND REVISIONS

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2	1							

APPROVED BY

SPC [Signature]
(GENERAL MANAGER)

APPROVAL DATE

7-27-81



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EMERGENCY PLAN
PROCEDURE

PROCEDURE/WORK PLAN TITLE:
TURNOVER OF RESPONSIBILITY TO THE
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- 5.3 For Site Emergencies and General Emergencies, the Emergency Response Organization shall be activated in parallel with the Initial Response Organization.
- 5.4 When activated, Emergency Response Organization personnel that do not have an active role in the Initial Response Organization shall proceed to their pre-assigned locations and from there call the Technical Support Center for further instructions. The Duty Emergency Coordinator should assign an individual to record the ERO positions that have been reported.
- 5.5 On arrival, the Incident Response Director, the Technical Support Manager, the Recovery Manager, Site Security Coordinator, Emergency Services Coordinator and the HP and Chemistry Superintendent should report to the Duty Emergency Coordinator. The Duty Emergency Coordinator shall then transfer his duties to these individuals as follows:
- 5.5.1 The Incident Response Director assumes responsibility for the overall direction of the Emergency Response Organization.
- 5.5.2 The Recovery Manager assumes responsibility for direction of corrective and recovery actions. He also assumes overall direction of the response organization until the Incident Response Director or one of his Assistants arrives.
- 5.5.3 The Site Security Coordinator assumes responsibility for direction of the Emergency Evacuation Team.
- 5.5.4 The Emergency Services Coordinator assumes responsibility for direction of the Emergency Fire and Medical Teams.
- 5.5.5 The HP & Chemistry Superintendent assumes responsibility for direction of the Onsite Radiological Monitoring Section of the Emergency Radiation Team.
- 5.5.6 The Technical Support Manager assumes responsibility for direction of the Offsite Radiological Monitoring Section of the Emergency Radiation Team and for dose assessment activities.
- 5.6 The Duty Emergency Coordinator retains the title of Duty Emergency Coordinator until the Incident Response Director, Technical Support Manager, Recovery Manager, Site Security Coordinator, Emergency Services Coordinator, and the HP and Chemistry Superintendent have reported on-site and assumed their responsibilities. Once the Duty Emergency Coordinator has transferred his responsibilities to these individuals, he shall appraise the Recovery Manager of this and begin functioning under his position title in the Emergency Response Organization or as directed by the Recovery Manager.

6.0 ATTACHMENTS AND FORMS

NONE



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EMERGENCY PLAN

RUSSELLVILLE FIRE DEPARTMENT

1903.70

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- 5.3 The Russellville Fire Department may verify the authenticity of the request by calling the applicable Arkansas Nuclear One Control Room:
- 5.3.1 Unit One - ▽ ▽
- 5.3.2 Unit Two - ▽ ▽
- 5.4 On arriving, the Russellville Fire Department should report to the North Gate, unless otherwise instructed.
- 5.5 Notify Security that the Russellville Fire Department has been called and inform them of the proper access point. Security guards should meet the fire trucks and escort them through the plant gates and to the scene of the fire.
- 5.6 At the scene of the fire, the Russellville Fire Department shall coordinate its activities with the ANO Emergency Fire Team Leader. In the absence of the Emergency Fire Team Leader, the Fire Department shall request and coordinate the support of other fire departments.
- 5.7 If the Russellville Fire Department and ANO personnel require further assistance to fight a fire, the Russellville Fire Department should request and coordinate the support of other fire departments.
- 5.8 If a fire occurs in a radiation area, ANO personnel trained in radiation protection shall be available to assist the fire-fighting personnel. Fire-fighters should follow the instructions given by these ANO personnel for their protection.

6.0 ATTACHMENTS AND FORMS

None

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EMERGENCY PLAN

POPE COUNTY SHERIFF'S DEPARTMENT

1903.71

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1.0 PURPOSE

The purpose of this procedure is to provide guidance on the Emergency Plan related response of the Pope County Sheriff's Department should their assistance be required at Arkansas Nuclear One.

2.0 SCOPE

This procedure applies to emergency situations involving evacuation requiring assistance from the Pope County Sheriff's Department.

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 Pope County Sheriff's Department and Arkansas Power & Light Company.

3.2 References Used in Conjunction with this Procedure:

None

3.3 Related ANO Procedures:

None

4.0 DEFINITIONS

None

5.0 INSTRUCTIONS

5.1 If the assistance of the Pope County Sheriff's Office is required at Arkansas Nuclear One (ANO), the Pope County Sheriff's Office should be called at _____ or by means of the Sheriff's radio (when installed). Provide them with a description of the assistance required.

5.2 The Pope County Sheriff's Department may verify the authenticity of the request by calling the applicable Arkansas Nuclear One Control Room by means of:

5.2.1 Phone, or

- A. Unit One - ▽ _____ ▽
- B. Unit Two - ▽ _____ ▽

5.2.2 Sheriff's Radio

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ARKANSAS DEPARTMENT OF HEALTH

1903.76

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CHANGE DATE

1.0 PURPOSE

The purpose of this procedure is to provide guidance on the coordination of Arkansas Department of Health and Arkansas Nuclear One activities in the event of an Emergency Action Level (EAL) declaration at Arkansas Nuclear One.

2.0 SCOPE

This procedure is applicable to emergency situations involving Unit One and/or Unit Two which meet Emergency Action Level criteria.

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 Arkansas Department of Health and Arkansas Power & Light Company.

3.2 References Used in Conjunction with this Procedure:

None

3.3 Related ANO Procedures:

- 3.3.1 1903.10, "Emergency Action Level Response"

4.0 DEFINITIONS

None

5.0 INSTRUCTIONS

5.1 In the event of a situation at Arkansas Nuclear One (ANO) which meets the criteria of an Unusual Event, Alert, Site Emergency or General Emergency Emergency Action Level as described in the ANO Emergency Plan, the Arkansas Department of Health will be contacted and provided with a description of the unusual or emergency situation.

5.1.1 Arkansas Department of Health ∇ unless otherwise directed.

5.1.2 Upon activation of the Technical Operations Control Center, follow-up notifications may be provided to this center, if so directed.

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



PLANT MANUAL SECTION:

PROCEDURE/WORK PLAN TITLE:

NO:

EMERGENCY PLAN

U.S. ARMY CORPS OF ENGINEERS

1903.77

ARKANSAS NUCLEAR ONE

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REVISION 0 DATE 8/18/80

CHANGE DATE

1.0 PURPOSE

The purpose of this procedure is to provide guidance on the coordination of the U.S. Army Corps of Engineers Emergency Plan related activities in the event of an unusual or emergency situation at Arkansas Nuclear One.

2.0 SCOPE

This procedure is applicable to emergency situations requiring assistance of the U.S. Army Corps of Engineers.

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 U.S. Army Corps of Engineers and Arkansas Power & Light Company.

3.2 References Used in Conjunction with this Procedure:

None

3.3 Related ANO Procedures:

None

4.0 DEFINITIONS

None

5.0 INSTRUCTIONS

5.1 The U.S. Army Corps of Engineers has agreed to contact Arkansas Nuclear One (Unit One - , Unit Two -) in the following situations in order that appropriate actions may be taken:

- 5.1.1 Dardanelle Lake level increases above elevation 340 feet.
- 5.1.2 Dardanelle Lake level is projected to rise above elevation 340 feet.
- 5.1.3 Dardanelle Lake level must be drawn below elevation 335 feet.

5.2 Radiological Incident

- 5.2.1 Should an incident occur at Arkansas Nuclear One which requires evacuation and control of access to the Arkansas Nuclear One exclusion area, the Duty Emergency Coordinator shall contact the U.S. Army Corps of Engineers to request that boat access to the portions of the Lake Dardanelle within the exclusion area be controlled.

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