



10 CFR 50.4  
10 CFR 50, Appendix E

April 7, 1994

OCAN049402

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Mail Station P1-137  
Washington, DC 20555

Subject: Arkansas Nuclear One - Units 1 and 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6  
Emergency Plan Revision 18

Gentlemen:

In accordance with 10 CFR 50.4 and 10 CFR 50 Appendix E, Section V, enclosed is Revision 18 to the Arkansas Nuclear One (ANO) Emergency Plan. Revision 18 incorporates changes made to selected Emergency Action Level (EAL) sections, changes made for clarification as well as several administrative changes. A complete listing of Revision 18 changes is provided as Attachment 1.

A 10 CFR 50.54(q) evaluation was performed and concluded that these changes do not decrease the effectiveness of the approved Emergency Plan. The updated Emergency Plan continues to meet the requirements of 10 CFR 50.47(b) and 10 CFR 50, Appendix E.

Please place the attached pages in your controlled copy (Copy No. 75) of the Emergency Plan, sign, and return the enclosed acknowledgment.

Should you have any questions regarding this submittal, please contact me.

Very truly yours,

Dwight C. Mims  
Director, Licensing

DCM/jrh

Attachments

A045  
11

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ATTACHMENT 1  
ARKANSAS NUCLEAR ONE  
EMERGENCY PLAN REVISION 18 CHANGES

The changes included in Revision 18 are listed below.

- The criteria of "liquid radiological effluents exceeding Technical Specification limits" has been copied from the "criteria" section to the "initiating conditions" section 5 of Unit 1 "Radiological Effluents" EALs on pages D-4 and D-6.
- The criteria of (50 gpm) is being included to define Normal Make-up capacity for Unit 1 on pages D-6 and D-8.
- The statement "RCS Activity >1.0  $\mu\text{Ci/gm}$ " has been copied from the "criteria" section to the "condition" section of Unit 2's Site Area Emergency EAL on page D-16.
- The statement "With Containment Integrity Lost or Challenged" has been copied from the "criteria" section to the "condition" section on page D-18.
- The step calling for the Arkansas Department of Health Communication Center to request that ANO disable its radio repeater on Mt. Nebo, if they have to activate the siren warning system, has been deleted from page J-12.
- The Letters of Agreement with the Pope County Emergency Medical Service and KARV Radio Station have been updated in Appendix 1.
- The Emergency Instructions Brochure has been updated and is included as Appendix 2.
- The remaining changes are administrative in nature.

SET # 075

ENTERGY OPERATIONS INCORPORATED  
ARKANSAS NUCLEAR ONE

CONTROLLED DOCUMENTS TRANSMITTAL

3/16/94

DATE

SEND TO: NRC  
c/o Jim Haley  
DSB

RETURN TO: ARKANSAS NUCLEAR ONE  
DOCUMENT CONTROL  
ROUTE 3 BOX 137G  
RUSSELLVILLE, ARKANSAS  
72801  
(501) 964-5957

THIS FORM TRANSMITS THE FOLLOWING APPROVED DOCUMENT UPDATE:

<u>REVISION 18</u>	ANO-1	[ ]
	ANO-2	[ ]
	GENERIC	[ X ]
	REISSUE	[ ]

DOCUMENTS:

- |  |       |                                     |     |
|--|-------|-------------------------------------|-----|
| ANO STATION POLICY                       | [ ]   | MAINT. PROCEDURE WRITERS GUIDE      | [ ] |
| ALTERNATE SHUTDOWN BASIS DOCUMENT        | [ ]   | OFFSITE DOSE CALCULATION MANUAL     | [ ] |
| AOP TECHNICAL GUIDELINES                 | [ ]   | OPERATIONS PROCEDURE WRITERS GUIDE  | [ ] |
| B&W OWNERS GROUP GENERIC EOP BASES       | [ ]   | OPERATIONS GUIDE                    | [ ] |
| BASIS DOCUMENT ALTERNATE SHUTDOWN        | [ ]   | PMEE'S                              | [ ] |
| CONFIRMATORY ORDERS                      | [ ]   | PRE-FIRE PLAN                       | [ ] |
| CONSUMABLE CHEMICAL MATERIAL LIST (CCML) | [ ]   | PRINCIPLES MANAGE NUCLEAR PERSONNEL | [ ] |
| EOP SETPOINT DOCUMENT                    | [ ]   | QA MANUAL OPERATIONS                | [ ] |
| EMERGENCY PROCEDURE GUIDELINES CEN-152   | [ ]   | QAO'S                               | [ ] |
| EOP BASES DOCUMENT                       | [ ]   | QAD'S                               | [ ] |
| EOP TECHNICAL GUIDELINES                 | [ ]   | QCO'S                               | [ ] |
| EMERGENCY PLAN                           | [ X ] | QAP'S                               | [ ] |
| ENTERGY OPERATION MGMT. MANUAL (VOL. II) | [ ]   | RADIATION SAFETY PROGRAM            | [ ] |
| EMERGENCY TELEPHONE DIRECTORY            | [ ]   | RADIOLOGICAL EMERG. RESPONSE PLAN   | [ ] |
| EMERGENCY RESOURCES MANUAL               | [ ]   | TITLE 49 CFR                        | [ ] |
| FIRE HAZARD ANALYSIS (FHA)               | [ ]   | PIPING & INSTRUMENT DIAGRAMS (P&ID) | [ ] |
| HOLDCARD COMPUTER INSTRUCTION GUIDE      | [ ]   | SAR (SAFETY ANALYSIS REPORT)        | [ ] |
| INDUSTRIAL SECURITY PLAN                 | [ ]   | SAR PROPRIETARY                     | [ ] |
| INDEX (STANDARDS & PROCEDURES)           | [ ]   | SER (SAFETY EVALUATION REPORT)      | [ ] |
| INDEX (OPERATOR'S MANUAL)                | [ ]   | TECH SPECS                          | [ ] |
| LICENSING DIRECTIVES                     | [ ]   |                                     |     |

SIGNATURE

DATE

PLEASE SIGN AND RETURN THIS SHEET

ARKANSAS NUCLEAR ONE  
EMERGENCY PLAN, REVISION NO. 18  
FACILITY OPERATING LICENSE NOS. DPR-51 AND NPF-6  
DOCKET NOS. 50-313 AND 50-368

Revision 18 changes are noted with side bars. Please remove the affected pages from your manuals and replace with Revision 18 pages.

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ACKNOWLEDGEMENT

I have received and incorporated the Arkansas Nuclear One Emergency Plan, Revision 18, into my Controlled Manual, (Copy No. 75).

SIGNED \_\_\_\_\_

DATE \_\_\_\_\_

COPY NO. \_\_\_\_\_

EMERGENCY PLAN  
REVISION 18

Revise the Emergency Plan with the attached pages. Revised pages are identified by revision number and vertical bar indicating the area of change.

REMOVE

Cover Sheet  
Signature Page  
B-24  
B-26  
D-4  
D-6  
D-8  
D-16  
D-18  
J-12  
J-13  
K-1  
K-2  
K-3  
K-9  
Appendix 1 Cover Sheet  
I-56  
I-57  
I-58  
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Appendix 2 Cover Sheet  
Emergency Instructions Booklet  
3-2

ADD

Cover Sheet  
Signature Page  
B-24  
B-26  
D-4  
D-6  
D-8  
D-16  
D-18  
J-12  
J-13  
K-1  
K-2  
K-3  
K-9  
Appendix 1 Cover Sheet  
I-56  
I-57  
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I-65A  
Appendix 2 Cover Sheet  
Emergency Instructions Booklet  
3-2