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10CFR50.71(e)
10CFR50.4(b)(6)

April 10, 2000

OCAN040001

U. S. Nuclear Regulatory Commission
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Subject: Arkansas Nuclear One - Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
Amendment Number 16 To The ANO-1 Updated Safety Analysis Report And
Revision 6 To The ANO-1 & 2 Fire Hazards Analysis

Gentlemen:

In accordance with 10CFR50.71(e) and 10CFR50.4(b)(6), enclosed are copies of Amendment 16 of the Arkansas Nuclear One, Unit 1 (ANO-1) Safety Analysis Report (SAR) and copies of Revision 6 of the Fire Hazards Analysis (FHA) for ANO, Units 1 and 2. As approved in the NRC letter to Michael A. Krupa dated March 24, 2000, the enclosed copies consist of the original, one paper copy, and four CD-ROM copies. Pursuant to 10CFR50.71(e)(4), these documents are being submitted within six months following the previous ANO-1 refueling outage (1R15) which ended October 10, 1999.

A summary of the 10CFR50.59 evaluations associated with Amendment 16 of the ANO-1 SAR and Revision 6 of the FHA will be provided under a separate cover letter within 30 days as part of the ANO-1 10CFR50.59 Report.

As required by 10CFR50.71(e)(2), I hereby certify that to the best of my knowledge and belief, the information contained in Amendment 16 of the ANO-1 SAR and Revision 6 of the FHA accurately reflects changes made since the previous submittal. The changes to these documents reflect information and analyses submitted to the Commission, prepared pursuant to Commission requirements, or made under the provisions of 10CFR50.59.

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U. S. NRC
April 10, 2000
OCAN040001 Page 2

Attached is a SAR replacement page instruction listing. The FHA replaces the previous revision in its entirety.

Very truly yours,



CGA/dh
Attachment
Enclosure

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Unit 1
 Amendment 16
 Section/Figure Replacement Instructions

All text pages and designated figures for the SAR sections/figures listed below are to be removed and replaced with the corresponding Amendment 16 SAR sections. The Master Table of Contents is to be removed and replaced in its entirety. The Table of Contents section for each chapter that was affected by the current amendment is to be removed and replaced with the corresponding Amendment 16 Table of Contents section. Remove only the figures listed for each chapter and replace them with correspondingly numbered figures designated Amendment 16 unless otherwise instructed. All other figures remain the same as in the previous amendment. Any special filing instructions, new sections, figures, etc., are also listed below.

<u>AMENDMENT 16 PAGES</u>	<u>SPECIAL INSTRUCTIONS</u>
<u>SAR Cover Page</u>	Replace the SAR cover page located at the front of the Master Table of Contents.
<u>Chapter 1</u>	
Chapter 1 Table of Contents	
Sections 1.3, 1.4, 1.6, 1.7, and 1.11	File pages 1.11-9 through 1.11-35 behind the Q-List tab.
Figures 1-2 and 1-3	
Figures 1-5 and 1-6	
Figure 1-10	
<u>Chapter 2</u>	
Chapter 2 Table of Contents	
Sections 2.1, 2.3, 2.8, and 2.10	
Figures 2-32, 2-33, and 2-34	
<u>Chapter 3</u>	
Chapter 3 Table of Contents	
Sections 3.2, 3.3, 3.4, and 3.5	
Figure 3-32	
<u>Chapter 3A</u>	Replace Chapter 3A in its entirety.

Chapter 4	
Chapter 4 Table of Contents	
Sections 4.1, 4.2, 4.3, 4.5, and 4.6	
Figure 4-1 Sheet 2	
Figure 4-9	
Chapter 5	
Chapter 5 Table of Contents	
Sections 5.1, 5.2, and 5.5	
Figure 5-7 Sheet 1	
Chapter 6	
Chapter 6 Table of Contents	
Sections 6.1, 6.2, 6.6, and 6.7	
Figure 6-3	
Figures 6-10 and 6-11	
Figure 6-15	
Chapter 7	
Chapter 7 Table of Contents	
Sections 7.1, 7.2, 7.3, 7.4, and 7.6	
Figure 7-7	
Figure 7-15	
Figure 7-20 Sheet 2	
Figure 7-22 Sheets 1 and 2	
Figure 7-23	
Chapter 8	
Chapter 8 Table of Contents	
Sections 8.2 and 8.3	
Figure 8-1	
Figure 8-3 Sheets 2, 3, and 4	
Figures 8-6, 8-7, and 8-8	

Chapter 9	
Chapter 9 Table of Contents	
Sections 9.1 through 9.9, 9.13, 9A, and 9D	
Figure 9-3 Sheets 1, 2, and 3	
Figure 9-4	
Figure 9-5 Sheet 1	
Figures 9-7 through 9-9	
Figure 9-10 Sheets 1 and 2	
Figures 9-11 through 9-13	
Figure 9-14 Sheets 2, 3, and 4	
Figure 9-16 Sheets 1 and 4	
Figure 9-48	
Figure 9-49A	Figure 9-49A is a new figure and should be filed behind Figure 9-49.
Chapter 10	
Chapter 10 Table of Contents	
Sections 10.1, 10.3, and 10.4	
Figure 10-1	
Figure 10-2 Sheet 5	
Chapter 11	
Chapter 11 Table of Contents	
Sections 11.1, 11.2, 11.3, and 11.5	
Figure 11-1 Sheet 1	
Figure 11-2 Sheet 1	
Figure 11-6	
Chapter 12	
Chapter 12 Table of Contents	
Sections 12.1, 12.2, 12.4, and 12.5	
Figure 12-6	

Chapter 14	
Chapter 14 Table of Contents	
Sections 14.1 and 14.2	
Figure 14-5	
Appendix A	
Appendix A Table of Contents	
Figures A-1 and A-2	
Figures A-4 through A-6	
Figure A-8	
Figure A-12	