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

October 30, 1998

OCAN109810

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station OP1-17
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
Amendment Number 15 To The ANO-1 Updated Safety Analysis Report And
Revision 5 To The ANO-1 & 2 Fire Hazards Analysis

Gentlemen:

In accordance with 10CFR50.71(e) and 10CFR50.4(b)(6), enclosed are 10 copies of Amendment 15 of the Arkansas Nuclear One, Unit 1 (ANO-1) Safety Analysis Report (SAR) (Controlled Copies I-102 through I-111) and 10 copies of Revision 5 of the Fire Hazards Analysis (FHA) for ANO, Units 1 and 2 (Controlled Copies 1 through 10). Pursuant to 10CFR50.71(e)(4), these documents are being submitted within six months following the previous ANO-1 refueling outage (1R14) which ended May 10, 1998.

A summary of the 10CFR50.59 evaluations associated with Amendment 15 of the ANO-1 SAR and Revision 5 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 15 of the ANO-1 SAR and Revision 5 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.

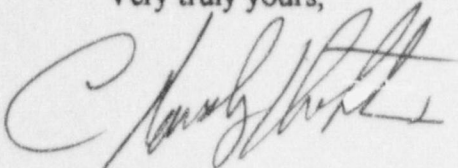
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Attached is a SAR replacement page instruction listing. The FHA revision replaces the previous revision in its entirety.

Very truly yours,



CRH/dc

Attachment
Enclosure

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Unit 1
Amendment 15
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 15 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 15 Table of Contents sections. Remove only the figures listed for each chapter and replace them with correspondingly numbered figures designated Amendment 15 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.

AMENDMENT 15 PAGES

SPECIAL INSTRUCTIONS

SAR Cover Page

Replace the SAR cover page located at the front of the Master Table of Contents.

Chapter 1

Chapter 1 Table of Contents
Sections 1.1, 1.2, 1.4, 1.5, 1.6, 1.7,
and 1.11
Figures 1-2 through 1-10

File pages 1.11-9 through 1.11-35 behind
the Q-List Tab

Chapter 2

Chapter 2 Table of Contents
Sections 2.2, 2.3, 2.6, 2.7, 2.8,
and 2.10
Figures 2-12, 2-28, and 2-35

Chapter 3

Chapter 3 Table of Contents
Sections 3.1 through 3.5

Chapter 3A

Replace Chapter 3A in its entirety.

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Amendment 15
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Figures 1-2 through 1-10

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the Q-List Tab

Chapter 2

Chapter 2 Table of Contents
Sections 2.2, 2.3, 2.6, 2.7, 2.8,
and 2.10
Figures 2-12, 2-28, and 2-35

Chapter 3

Chapter 3 Table of Contents
Sections 3.1 through 3.5

Chapter 3A

Replace Chapter 3A in its entirety.

Chapter 4

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Figures 4-5 and 4-13
Figures 4-17 and 4-17A
Figures 4-18 through 4-23
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Figures 4-28 through 4-30

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Figures 7-5 and 7-6
Figure 7-12
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Figure 7-21 Sheets 1 and 2
Figure 7-22 Sheet 2
Figure 7-25

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and 9D

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Figure 9-3 Sheets 1, 2, and 3

Figure 9-4

Figure 9-5 Sheet 4

Figures 9-6 and 9-7

Figure 9-9

Figure 9-10 Sheets 1, 2, and 4

Sheet 4 is a new figure and should be filed
behind Sheet 2.

Figures 9-12 and 9-13

Figure 9-14 Sheets 1, 3, 4, and 8

Figure 9-16 Sheets 1 through 6

Figures 9-17 through 9-20

Figures 9-33 and 9-34

Figures 9-54 and 9-54A

Figures 9-56 and 9-57

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Figure 11-1 Sheet 1

Figure 11-2 Sheet 1

Figure 11-3

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Figures 14-62, 14-62A, and 14-62B
Figures 14-63, 14-64, and 14-65
Figure 14-110

Figure 14-110 is a new figure and should be
filed behind Figure 14-109.

Appendix A

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