

October 2, 1995

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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  
Revision 18 to the Quality Assurance Manual Operations

Gentlemen:

In accordance with 10CFR50.54(a)(3) and 10CFR50.71(e), enclosed are three controlled copies (Copy Nos. 1-3) of Revision 18 to the Arkansas Nuclear One (ANO) Quality Assurance Manual Operations (QAMO). Controlled copies (Copy Nos. 8 and 9) are also being forwarded to Region IV.

The changes made in Revision 18 to the QAMO have been evaluated as required by 10CFR50.54(a) to determine if quality commitments have been reduced. Results of these evaluations have determined that these changes do not reduce any commitments in the quality program description previously accepted by the NRC. Also, Revision 18 of the QAMO incorporates changes that have been submitted to the Staff and approved under the provisions of 10CFR50.54(a)(3). The record of revision section of the QAMO identifies changes implemented by this revision.

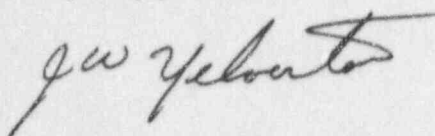
As required by 10CFR50.71(e)(2), I hereby certify that to the best of my knowledge and belief, the information contained in Revision 18 to the QAMO accurately represents changes made since the previous submittal. These changes reflect information and analysis submitted to the Commission or prepared pursuant to Commission requirements or changes made under the provision of 10CFR50.54(a)(3).

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Very truly yours,



JWY/nbm

Attachment

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## RECORD OF REVISIONS

PAGE NO.	SECTION	DESCRIPTION
RR-1-51		Deleted Record of Revisions for Revision 1-17 and added Record of Revision for Rev. 18.
Page A-1		Deleted Director, Quality from fourth, fifth and sixth paragraphs and Director, Licensing from fourth paragraph and replaced with Director, Nuclear Safety due to reorganization.
Page A-2		Deleted Director, Quality from first and second paragraphs and replaced with Director, Nuclear Safety due to reorganization.
C-4		Changed definition of "modification" back to Rev. 16 definition due to NRC request.
C-6		Changed Qualified Vendors List to Qualified Suppliers List for correction in terminology.
C-8		Changed Director, Quality to Director, Nuclear Safety due to reorganization.
1-2	1.3	Changed Director, Quality and Director, Licensing to Director, Nuclear Safety due to reorganization.
1-2	1.3	Added (9) implementing the EOI Welding Program due to reorganization.
1-3	1.3.1	Added Manager, Standards. Changed title Manager, Radiation Protection and Radwaste to Manager, Radiation Protection/Chemistry. Removed Manager Ops Certification Training due to reorganization.
1-3	1.3.1.1	Removed Superintendent, Chemistry, Unit 2 and Manager, Standards, Unit 1 due to reorganization. Removed (8) Senior Engineers as exceeding necessary level of organization detail.
1-6	1.3.1.1.6	Deleted last sentence and (1) and (2) - below level of detail necessary. Deleted "Fire Protection" which was transferred to Engineering.
1-6	1.3.1.1.7	Deleted. Function changed to report to Manager, Radiation Protection/Chemistry.
1-6	1.3.1.2	Changed job title to Manager, Radiation Protection/Chemistry throughout.
1-7	1.3.2	Changed to reflect the Quality organization reporting to the Director, Nuclear Safety. Removed qualification requirements of Director, Quality as level of detail is not consistent with other QAMO position descriptions.
1-8	1.3.2.1	Changed Director, Quality to Director, Nuclear Safety throughout.
1-9	1.3.2.2 1.3.2.2	Changed Director, Quality to Director, Nuclear Safety throughout.
1-9	1.3.2.2 1.3.2.3	Changed Director, Quality to Director, Nuclear Safety throughout.

<b>ENERGY OPERATIONS</b>	QA MANUAL OPERATIONS	REV. 18
ARKANSAS NUCLEAR ONE	SECTION: RECORD OF REVISIONS	DATE 10/3/95
		PAGE RR-1

## RECORD OF REVISIONS

PAGE NO.	SECTION	DESCRIPTION
1-10	1.3.2.3(7)	Removed Quality responsibility for review/approval of QA requirements placed upon contractors or vendors due to review function being assumed by Materials, Purchasing & Contracts organization.
1-10	1.3.3	Changed Manager, Materials, Purchasing & Contracts reporting from Director, Support to Director, Materials, Purchasing & Contracts.
1-11	1.3.3.1	Changed Manager, Materials, Purchasing & Contracts reporting from Director, Support to Director, Materials, Purchasing & Contracts. Removed reporting of Superintendent, Procurement Engineering due to reorganization.
1-11	1.3.4	Changed Director, Licensing to Director, Nuclear Safety and revised following write-up to reflect Quality organization reporting to this position. Section 1.3.4 renumbered 1.3.2.
1-12	1.3.4.1/2	Changed Director, Licensing to Director, Nuclear Safety due to reorganization.
1-13	1.3.4.3/4	Changed Director, Licensing to Director, Nuclear Safety due to reorganization.
1-15	1.3.6(6)	Deleted "Support" from job title to better describe job function.
1-15	1.3.7	Director, Design Engineering description changed to incorporate reporting functions. Reporting positions deleted to remove excessive detail.
1-24	1.3.8.2.3.2	Added "n." to reflect deletion of item from Technical Specifications.
1-25	1.4.2	Changed Director, Materials, Purchasing and Contracts reporting from Executive VP & COO to VP, Operations Support due to reorganization.
1-26/27	1.4.2.1 1.4.2.1.1 1.4.2.1.2 1.4.2.3 1.4.2.4 1.4.2.4.1	Reworded section under Vice President, Operations Support to reflect headquarters reorganization.
2-3	2.2.5	Changed Director, Licensing to Director, Nuclear Safety. Deleted "Supervisor, Quality Assurance" to reflect change in SLQL review responsibility.
2-4	2.3.3	"Manager, Quality" and "Supplier QA" changed to "Manager, Material Requirements" and "Material Requirements" to reflect headquarters reorganization.
2-5	2.3.4 2.5.1	Changed Director, Quality to Director, Nuclear Safety due to reorganization.

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PAGE NO.	SECTION	<u>DESCRIPTION</u>
2-6	2.5.2 2.5.3	Changed Director, Quality to Director, Nuclear Safety due to reorganization.
2-8	2.7.1	Changed Director, Quality to Director, Nuclear Safety due to reorganization.
3-4	3.5.4	Changed to reflect Quality responsibility.
4-2	4.3	Changed "Quality" to "ANO" and added section 4.3.2 to reflect procurement document quality review responsibility.
5-2/3	5.3.2	Deleted "and 6.5.1" and "respectively".
7-1/3	7.2.1/2 7.3.1/2/3	Changed "Manager, Quality" and "Supplier QA" to "Manager, Material Requirements" and "Material Requirements" to reflect headquarters reorganization.
7-3		Reworded to reflect current procurement document review responsibilities.
10-3	10.3.2.3	Changed "Quality" to "ANO" to clarify the intent of the requirement. Changed Director, Quality to Director, Nuclear Safety due to reorganization.
10-4	10.4.1	Changed Director, Quality to Director, Nuclear Safety due to reorganization.
13-2	13.3.2	Changed Manager, Radiation Protection and Radwaste title to Manager, Radiation Protection/Chemistry due to reorganization.
15-4	15.5	Changed Director, Licensing to Director, Nuclear Safety due to reorganization.
16-2	16.3	Changed "Supplier QA" to "Material Requirements" due to headquarters reorganization.
16-3	16.5.2	Changed Director, Licensing to Director Nuclear Safety due to reorganization.
18-2	18.3.1	Changed Director, Quality to Director, Nuclear Safety due to reorganization.
18-5	18.4.4	Changed Director, Quality to Director, Nuclear Safety due to reorganization.
18-1	18.2.1	Changed title Manager, Quality to Manager, Material Requirements due to headquarters reorganization.
18-3	18.3.3	Changed title Manager, Quality to Manager, Material Requirements due to headquarters reorganization.
18-5	18.4.5	Changed Supplier QA to Material Requirements due to headquarters reorganization.

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PAGE NO.	SECTION	DESCRIPTION
18-4	18.4.3	Changed wording to reflect change in audit finding corrective action document from QA Finding Report (QAFR) to Condition Report (CR)
18-5/6	18.6	Changed Manager, Quality to Manager, Material Requirements and Supplier QA to Material Requirements due to headquarters reorganization.
18-5	18.4.5	Changed distribution of external audit results and findings from Superintendent, Procurement Engineering to ANO Records.
18-6	18.6	Changed distribution of external audit results and findings from Superintendent, Procurement Engineering to ANO Records.
T1-16		Adds exception/interpretations regarding recurrence control for significant findings vice all findings resulting from QA Audit, and changes QA Audit finding Corrective Action Medium from QA Finding Report (QAFR) to Condition Report (CR).
T2-1		Changed "NQA-1" to "QAD-1"; "NQA-4" to "QAD-3"; "SQA0-3" to "SQAP-07 02/03/04/05"; "SQA0-5" to "SQAP-07/01"; "SQA0-4" to "SQAP-18/04/07/09/10" to reflect administrative change and deleted OP-1000.010 "Control of Procurement" in lieu of 1033.005 "Control and Use of Material/Requests Procedure". Deleted OP-5000.010 "Engineering Procedure Control" in lieu of OP-1000.006 "Procedure Control".
T3-2	4	Changed Director, Quality to Director, Nuclear Safety. Changed Supplier Quality to Material Requirements.
AA-4		Updated NRC Approval of QA Program for Radioactive Material Package.
AB-3/4	3	Changed Manager, Standards responsibilities due to reorganization. Changed reporting from Plant Manager, Unit 2 to General Manager, Plant Operations due to reorganization.
AB-5	5/6	Changed Director, Quality to Director, Nuclear Safety. Changed Director, Licensing to Director, Nuclear Safety. Changed Manager, Engineering Program's responsibilities due to reorganization.
Figure F-1		Organization chart revised to reflect current organization and text of QAMO, Rev. 18.
Figure F-2		Added Manager, Standards due to reorganization. Changed job title to Manager, Radiation Protection/Chemistry.
Figure F-3		Deleted Manager, Standards due to reorganization.
Figure F-4		Deleted Superintendent, Chemistry due to reorganization.
Figure F-5		Deleted Quality Assurance Engineers/Specialists/Inspectors/NDE Technicians as below necessary level of detail. Deleted one QC Supervisor position.

## RECORD OF REVISIONS

PAGE NO.	SECTION	<u>DESCRIPTION</u>
Figure F-6		Deleted Manager, Materials, Purchasing and Contracts due to reorganization.
Figure F-7		Changed Director, Licensing to Director, Nuclear Safety
Figure F-8		Deleted Figure F-8 as below necessary level of detail.