

WOLF CREEK

TABLE OF CONTENTS

CHAPTER 17.0

QUALITY ASSURANCE

<u>Section</u>	<u>Title</u>	<u>Page</u>
17.0	<u>RELOCATED QUALITY ASSURANCE</u>	17.0-0
17.1	<u>QUALITY ASSURANCE DURING DESIGN AND CONSTRUCTION</u>	17.0-0
17.2	<u>QUALITY ASSURANCE DURING THE OPERATION PHASE</u>	17.0-0
17.2	<u>CROSS REFERENCE BETWEEN USAR 17.2 AND QUALITY PROGRAM MANUAL</u>	Sheets 1-4

WOLF CREEK
TECHNICAL REQUIREMENTS MANUAL

CHAPTER 17.0

RELOCATED QUALITY ASSURANCE

17.1 QUALITY ASSURANCE DURING DESIGN AND CONSTRUCTION

This section is not applicable to the USAR.

17.2 QUALITY ASSURANCE DURING THE OPERATION PHASE

Chapter 17.2, Quality Assurance, has been relocated to the Wolf Creek Quality Program Manual (WCQPM). See the following pages for a cross reference between Chapter 17.2 of the USAR and the WCQPM.

In general, the relocated Chapter 17.2 has been incorporated into the WCQPM with the same form and content it possessed in Chapter 17.2 of the USAR. The information previously located in Chapter 17.2, Quality Assurance During the Operation Phase, is now located in a physically separate document, the WCQPM. Although no longer contained in the USAR, by this specific reference, it is considered part of the USAR and is thereby incorporated by reference. Implementation of, and revision to, the WCQPM is controlled through administrative procedures.

WOLF CREEK

CROSS REFERENCE BETWEEN USAR 17.2 AND QUALITY PROGRAM MANUAL
(Sheet 1 of 4)

<u>SECTION TITLE</u>	<u>CHAPTER 17.2 SECTION</u>	<u>QUALITY PROGRAM MANUAL (QPM) SECTION</u>
QUALITY ASSURANCE DURING THE OPERATION PHASE		
INTRODUCTION	17.2.0	I.0
Scope	17.2.0.1	I.1
Corporate Policy	17.2.0.2	I.2
Program Applicability	17.2.0.3	I.3
Special Scope Programs	17.2.0.4	I.4
ORGANIZATION	17.2.1	1.0
Scope	17.2.1.1	1.1
Responsibility for Quality Program	17.2.1.2	1.2
Quality Branch Personnel Independence	17.2.1.3	1.3
Safety Review Committees	17.2.1.4	1.4
Independent Safety Engineering Group Functions	17.2.1.5	1.5
QUALITY ASSURANCE PROGRAM	17.2.2	2.0
Scope	17.2.2.1	2.1
Identification of Safety-Related Items	17.2.2.2	2.2
Operating Quality Program Implementation	17.2.2.3	2.3
Operating Quality Program Documentation	17.2.2.4	2.4
Control of The Operating Agent Contractors	17.2.2.5	2.5
Operating Quality Program Verification of Implementation	17.2.2.6	2.6
Personnel Training and Qualification	17.2.2.7	2.7
DESIGN CONTROL	17.2.3	3.0
Scope	17.2.3.1	3.1
Design Responsibilities	17.2.3.2	3.2
Design Criteria	17.2.3.3	3.3
Design Process Controls	17.2.3.4	3.4
Design Interface Control	17.2.3.5	3.5
Design Review and Verification	17.2.3.6	3.6
Design/Configuration Changes	17.2.3.7	3.7
Design Review Committees	17.2.3.8	3.8
PROCUREMENT DOCUMENT CONTROL	17.2.4	4.0
Scope	17.2.4.1	4.1
Procurement Responsibility	17.2.4.2	4.2
Procedural Control	17.2.4.3	4.3
Quality Classification	17.2.4.4	4.4
Quality Requirements in Procurement Documents	17.2.4.5	4.5
Purchase Requisitions	17.2.4.6	4.6
Letters of Intent	17.2.4.7	4.7

WOLF CREEK

TABLE 17.2 (Sheet 2 of 4)

Purchase Orders and Contracts	17.2.4.8	4.8
Purchase Order Award	17.2.4.9	4.9
Document Distribution	17.2.4.10	4.10
Change Controls	17.2.4.11	4.11
Records	17.2.4.12	4.12
INSTRUCTIONS, PROCEDURES, AND DRAWINGS	17.2.5	5.0
Scope	17.2.5.1	5.1
Preparation Requirements	17.2.5.2	5.2
Contractor Controls	17.2.5.3	5.3
Operations Documents	17.2.5.4	5.4
Review and Approval	17.2.5.5	5.5
DOCUMENT CONTROL	17.2.6	6.0
Scope	17.2.6.1	6.1
Preparation Controls	17.2.6.2	6.2
Change Control	17.2.6.3	6.3
Distribution Control	17.2.6.4	6.4
Processing and Retention Controls	17.2.6.5	6.5
Procedure Review	17.2.6.6	6.6
CONTROL OF PURCHASED MATERIAL EQUIPMENT, AND SERVICES	17.2.7	7.0
Scope	17.2.7.1	7.1
Source Evaluation and Selection	17.2.7.2	7.2
Bid Evaluations and Award	17.2.7.3	7.3
Bidder Exceptions to Purchase Requirements	17.2.7.4	7.4
Preaward Meetings	17.2.7.5	7.5
Verification Planning	17.2.7.6	7.6
Monitoring of Suppliers	17.2.7.7	7.7
Receiving Inspection	17.2.7.8	7.8
Post-installation Testing	17.2.7.9	7.9
Acceptance of Procured Item and Services	17.2.7.10	7.10
Final Acceptance	17.2.7.11	7.11
Record Retention	17.2.7.12	7.12
IDENTIFICATION AND CONTROL OF MATERIALS, PARTS, AND COMPONENTS	17.2.8	8.0
Scope	17.2.8.1	8.1
Procedural Control	17.2.8.2	8.2
Maintenance of Identification	17.2.8.3	8.3
Verification of Controls	17.2.8.4	8.4
Nonconformance Control	17.2.8.5	8.5
CONTROL OF SPECIAL PROCESSES	17.2.9	9.0
Scope	17.2.9.1	9.1
Procedural Control	17.2.9.2	9.2
Control of Outside Contractors	17.2.9.3	9.3
Records Control	17.2.9.4	9.4

WOLF CREEK

TABLE 17.2 (Sheet 3 of 4)

Qualification of NDE Personnel	17.2.9.5	9.5
INSPECTION	17.2.10	10.0
Scope	17.2.10.1	10.1
Procedural Control	17.2.10.2	10.2
Process Monitoring	17.2.10.3	10.3
Inservice Inspection	17.2.10.4	10.4
Acceptance	17.2.10.5	10.5
Qualification of Inspection Personnel	17.2.10.6	10.6
Qualification of NDE Personnel	17.2.10.7	10.7
Qualification Program Responsibilities	17.2.10.8	10.8
TEST CONTROL	17.2.11	11.0
Scope	17.2.11.1	11.1
Procedural Control	17.2.11.2	11.2
Personnel Qualifications	17.2.11.3	11.3
Test Results	17.2.11.4	11.4
Test Evaluations	17.2.11.5	11.5
Preoperational and Startup Tests	17.2.11.6	11.6
Systems Control	17.2.11.7	11.7
Measuring and Test Equipment	17.2.11.8	11.8
Surveillance Testing	17.2.11.9	11.9
Acceptance Testing	17.2.11.10	11.10
Test Records	17.2.11.11	11.11
CONTROL OF MEASURING AND TEST EQUIPMENT	17.2.12	12.0
Scope	17.2.12.1	12.1
Procedural Control	17.2.12.2	12.2
Program Requirements	17.2.12.3	12.3
Calibration Controls	17.2.12.4	12.4
Nonconformance Controls	17.2.12.5	12.5
Records	17.2.12.6	12.6
HANDLING, STORAGE, AND SHIPPING	17.2.13	13.0
Scope	17.2.13.1	13.1
Procedural Control	17.2.13.2	13.2
Special Procedures	17.2.13.3	13.3
Inspection	17.2.13.4	13.4
Procurement Controls	17.2.13.5	13.5
Radioactive Materials	17.2.13.6	13.6
Records	17.2.13.7	13.7
INSPECTION, TEST, AND OPERATING STATUS	17.2.14	14.0
Scope	17.2.14.1	14.1
Item Status Identification	17.2.14.2	14.2
Operating Status	17.2.14.3	14.3
Sequence Change Control	17.2.14.4	14.4
NONCONFORMING MATERIAL, PARTS OR COMPONENTS	17.2.15	15.0
Scope	17.2.15.1	15.1

WOLF CREEK

TABLE 17.2 (Sheet 4 of 4)

Nonconformance Controls	17.2.15.2	15.2
Disposition	17.2.15.3	15.3
Reportable Nonconformances	17.2.15.4	15.4
Trend Analysis	17.2.15.5	15.5
CORRECTIVE ACTION		
Scope	17.2.16.1	16.1
Condition Reports (CRs)	17.2.16.2	16.2
10 CFR 21 Reports	17.2.16.3	16.3
Trend Analysis	17.2.16.4	16.4
QUALITY ASSURANCE RECORDS		
Scope	17.2.17.1	17.1
Responsibilities	17.2.17.2	17.2
Records Index	17.2.17.3	17.3
Records Receipt	17.2.17.4	17.4
Inspection and Test Records	17.2.17.5	17.5
Records Maintenance and Storage	17.2.17.6	17.6
Records Retrieval	17.2.17.7	17.7
Records Disposition	17.2.17.8	17.8
Record Retention	17.2.17.9	17.9
AUDITS		
Scope	17.2.18.1	18.1
Responsibilities	17.2.18.2	18.2
Auditor Qualifications	17.2.18.3	18.3
Audit Planning	17.2.18.4	18.4
Audit Frequency	17.2.18.5	18.5
Supplier Audits	17.2.18.6	18.6
Audit Team Composition	17.2.18.7	18.7
Audit Records	17.2.18.8	18.8
Audit Program Reviews	17.2.18.9	18.9
LIST OF TABLES		
Controlled Procedure Manuals	17.2-1	ATTACHMEN T A
Operating Quality Program Implementing Procedural Coverage	17.2-2	ATTACHMEN T B
Quality Program Commitments to Regulatory Guides and Endorsed Codes and Standards	17.2-3	ATTACHMEN T C
LIST OF FIGURES		
Hierarchy of Documents	17.2-1	Figure 1
		Rev. 21