

TABLE OF CONTENTS

9.0 RADIOACTIVE WASTE CONTROL SYSTEMS

| | | |
|-------|--|--------|
| 9.1 | Summary Description | 9.1-1 |
| 9.2 | Liquid Radwaste System | 9.2-1 |
| 9.2.1 | Power Generation Objective | 9.2-1 |
| 9.2.2 | Power Generation Design Basis | 9.2-1 |
| 9.2.3 | Safety Design Basis | 9.2-1 |
| 9.2.4 | Description | 9.2-1 |
| 9.2.5 | Power Generation Evaluation | 9.2-5 |
| 9.2.6 | Safety Evaluation | 9.2-6 |
| 9.2.7 | Inspection and Testing | 9.2-7 |
| 9.3 | Solid Radwaste System | 9.3-1 |
| 9.3.1 | Power Generation Objective | 9.3-1 |
| 9.3.2 | Power Generation Design Basis | 9.3-1 |
| 9.3.3 | Safety Design Basis | 9.3-1 |
| 9.3.4 | Description (See Figures 9.2-3a, 9.2-3d, 9.2-3e, and 9.2-3f) | 9.3-1 |
| 9.3.5 | Power Generation Evaluation | 9.3-5 |
| 9.3.6 | Safety Evaluation | 9.3-5 |
| 9.3.7 | Inspection and Testing | 9.3-6 |
| 9.4 | Gaseous Radwaste System (Deleted) | 9.4-1 |
| 9.5 | Gaseous Radwaste System (Modified) | 9.5-1 |
| 9.5.1 | Power Generation Objective | 9.5-1 |
| 9.5.2 | Power Generation Design Basis | 9.5-1 |
| 9.5.3 | Safety Design Basis | 9.5-1 |
| 9.5.4 | Description | 9.5-1 |
| 9.5.5 | Safety Evaluation | 9.5-6 |
| 9.5.6 | Inspection and Testing | 9.5-10 |

LIST OF TABLES
RADIOACTIVE WASTE CONTROL SYSTEMS

| <u>Table</u> | <u>Title</u> |
|--------------|--|
| 9.2-1 | Deleted |
| 9.2-2 | Deleted |
| 9.2-3 | Normal and Maximum Concentration of Liquid Radioactive Wastes and Volumes of Radwaste Tankage |
| 9.2-4 | Radioactivity Contents of Tanks and Systems not Designed to withstand Tornado, Maximum Probable Flood or Design Basis Earthquake |
| 9.5-1 | Estimated Offgas Release Rates Per Unit Sheets 1-2 |
| 9.5-2 | Process Instrument Alarms |
| 9.5-3 | Offgas System Major Equipment Items Sheets 1-2 |
| 9.5-4 | Equipment Malfunction Analysis Sheets 1-2 |
| 9.5-5 | Isotopic Inventory - Charcoal Offgas System Sheets 1-5 |
| 9.5-6 | Radiological Exposures - Modified Offgas System Component Failure |
| 9.5-7 | Effluent - Gland Seal Offgas Subsystem |

LIST OF ILLUSTRATIONS
RADIOACTIVE WASTE CONTROL SYSTEMS

| <u>Figure</u> | <u>Title</u> |
|---------------|--|
| 9.2-1a | (Deleted) |
| 9.2-1b | (Deleted) |
| 9.2-2 | (Deleted) |
| 9.2-3a | Radwaste System - Flow Diagram |
| 9.2-3b | Radwaste System - Flow Diagram |
| 9.2-3c | Radwaste System - Flow Diagram |
| 9.2-3d | Radwaste System - Flow Diagram |
| 9.2-3e | Radwaste System - Flow Diagram |
| 9.2-3f | Radwaste System - Flow Diagram |
| 9.2-3g | Radwaste System - Flow Diagram |
| 9.2-3h | Radwaste System - Flow Diagram |
| 9.2-3i | Radwaste System - Flow Diagram |
| 9.2-3j | Radwaste System - Mechanical Control Diagram |
| 9.2-3k | Radwaste System - Mechanical Control Diagram |
| 9.2-3l | Radwaste System - Mechanical Control Diagram |
| 9.2-3m | Radwaste System - Mechanical Control Diagram |
| 9.2-3n | Radwaste System - Mechanical Control Diagram |
| 9.2-3o | Radwaste System - Mechanical Control Diagram |
| 9.2-3p | Radwaste System - Mechanical Control Diagram |
| 9.2-3q | Radwaste System - Mechanical Control Diagram |
| 9.2-3r | Radwaste System - Mechanical Control Diagram |
| 9.2-3s | Radwaste System - Mechanical Control Diagram |
| 9.2-3t | Radwaste System - Mechanical Control Diagram |
| 9.2-4 | (Deleted) |
| 9.2-4a | (Deleted) |
| 9.2-4b | (Deleted) |
| 9.2-4c | (Deleted) |
| 9.2-4d | (Deleted) |
| 9.2-4e | (Deleted) |
| 9.2-4f | (Deleted) |
| 9.3-1a | (Deleted) |
| 9.3-1b | (Deleted) |
| 9.3-2a | (Deleted) |
| 9.3-2b | (Deleted) |
| 9.5-1 sht 1 | Offgas System Flow Diagram |
| 9.5-1 sht 2 | Offgas System - Flow Diagram |
| 9.5-1 sht 3 | Offgas System - Flow Diagram |
| 9.5-1 sht 4 | Offgas System - Flow Diagram |
| 9.5-1 sht 5 | Offgas System - Flow Diagram |
| 9.5-1 sht 6 | Offgas System - Flow Diagram |

LIST OF ILLUSTRATIONS
RADIOACTIVE WASTE CONTROL SYSTEMS

Figure

Title

| | |
|-------|------------------------------|
| 9.5-2 | Offgas System - Flow Diagram |
| 9.5-3 | Offgas System - Flow Diagram |
| 9.5-4 | Offgas System - Flow Diagram |