

## Chapter 1 Table of Contents

List of Tables .....	iii
List of Figures .....	v
1.0 Introduction and General Description of Plant .....	1.1-1
1.1 Introduction.....	1.1-1
1.1.1 Format and Content .....	1.1-1
1.1.2 Lungmen NPS Scope.....	1.1-1
1.1.3 Engineering Documentation .....	1.1-1
1.1.4 Design Process.....	1.1-2
1.1.5 Type of License Required .....	1.1-2
1.1.6 Number of Plant Units.....	1.1-2
1.1.7 Description of Location.....	1.1-2
1.1.8 Type of Nuclear Steam Supply.....	1.1-2
1.1.9 Type of Containment.....	1.1-2
1.1.10 Core Thermal Power Levels.....	1.1-2
1.2 General Plant Description.....	1.2-1
1.2.1 Principal Design Criteria .....	1.2-1
1.2.2 Plant Description .....	1.2-7
1.3 Comparison Tables .....	1.3-1
1.3.1 Nuclear Steam Supply System Design Characteristics .....	1.3-1
1.3.2 Engineered Safety Features Design Characteristics .....	1.3-1
1.3.3 Containment Design Characteristics .....	1.3-1
1.3.4 Structural Design Characteristics .....	1.3-1
1.4 Identification of Agents and Contractors.....	1.4-1
1.4.1 GE Nuclear Energy (GENE) .....	1.4-1
1.4.2 Stone & Webster (S&W).....	1.4-1
1.4.3 Mitsubishi Heavy Industries (MHI) .....	1.4-1
1.5 Requirements for Further Technical Information.....	1.5-1
1.6 GE Topical Reports and Other Documents .....	1.6-1
1.7 Drawings.....	1.7-1
1.7.1 Piping and Instrumentation and Process Flow Drawings.....	1.7-1
1.7.2 Instrument, Control and Electrical Drawings.....	1.7-1
1.7.3 ASME Standard Units to Preferred Metric Conversion Factors .....	1.7-1
1.7.4 Preferred Metric Conversion to ASME Standard Units .....	1.7-1
1.7.5 Drawing Standards .....	1.7-1
1.8 Conformance with Standard Review Plan and Applicability of Codes and Standards .....	1.8-1
1.8.1 Conformance with Standard Review Plan.....	1.8-1
1.8.2 Applicability of Codes and Standards .....	1.8-1
1.8.3 Applicability of Experience Information.....	1.8-1

**Table of Contents (Continued)**

**Appendices**

1A Response to TMI Related Matters ..... 1A-1

1AA Plant Shielding to Provide Access to Vital Areas and Protective Safety Equipment for  
Post-Accident Operation [II.B.2] ..... 1AA-1

1B Response to Construction Permit or Manufacturing License (CP/ML) Rule 10 CFR  
50.34(f)..... 1B-1

1C Resolution of Applicable Unresolved Safety Issues and Generic Safety Issues ..... 1C-1

1D Lungmen Nuclear Power Station (NPS) Station Blackout Considerations (SBO)..... 1D-1