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15. TECHNICAL SPECIFICATIONS

SMUD is preparing the technical specifications in accordance with the guidelines set forth in 10 CFR 50.

An outline is as follows:

1.0 DEFINITIONS

- Operable
- Containment Integrity
- Channel Check
- Channel Test
- Channel Calibration

2.0 REACTOR CORE

- Applicability
- Objective
- Specification
- Basis
- References

3.0 REACTOR COOLANT SYSTEM

3.1.1 Maximum Reactor Coolant Activity

- Applicability
- Objective
- Specification
- Basis
- References

3.1.2 Operational Components

- Applicability
- Objective
- Specification
- Basis
- References

3.1.3 Combined Heat-Up, Cool-Down and Pressure Limitations

- Applicability
- Objective
- Specification
- Basis
- References

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3.1.4 Leakage

Applicability
Objective
Specification
Basis

3.2 MAKE-UP AND PURIFICATION AND CHEMICAL ADDITION SYSTEMS

Applicability
Objective
Specification
Basis
Reference

3.3 EMERGENCY SAFETY INJECTION AND CONTAINMENT COOLING AND SPRAY SYSTEMS

3.3.1 Operating Status

Applicability
Objective
Specification
Basis
References

3.3.2 Shutdown Status

Applicability
Objective
Specification
Basis
Reference

3.3.3 Minimum Water Volume and Boron Concentration in the Borated Water Storage Tank

Applicability
Objective
Specification
Basis
Reference

3.4 TURBINE CYCLE

Applicability
Objective
Specification
Basis
References

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3.5 INSTRUMENTATION AND CONTROL

3.5.1 Operational Safety Instrumentation

Applicability
Objective
Specification
Basis
References

3.5.2 Control Group Insertion Limits

Applicability
Objective
Specification
Basis
Reference

3.6 CONTAINMENT

Applicability
Objective
Specification
Basis
References

3.7 AUXILIARY ELECTRICAL SUPPLY

Applicability
Objective
Specification
Basis
References

3.8 REFUELING

Applicability
Objective
Specification
Basis
References

4.1 OPERATIONAL SAFETY ITEMS

Applicability
Objective
Specification
Basis

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4.2 EMERGENCY SAFETY INJECTION AND CONTAINMENT COOLING AND
SPRAY SYSTEM PERIODIC TESTING

Applicability
Objective
Specification
Basis
Reference

4.3 CONTAINMENT TESTING

Applicability
Objective
Specification
Basis
References

4.4 EMERGENCY POWER SYSTEM PERIODIC TESTING

Applicability
Objective
Specification
Basis
Reference

4.5 RADIOACTIVE WASTE RELEASE

Applicability
Objective
Specification
Basis
Reference

4.6 REACTOR COOLANT SYSTEM AND CONTROL ROD ASSEMBLY

Applicability
Objective
Specification
Basis

4.7 REACTIVITY ABNORMALITIES

Applicability
Objective
Specification
Basis

5.1 SITE DESCRIPTION

Basis

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5.2 CONTAINMENT

Basis
Reference

5.3 REACTOR

Basis

5.4 AUXILIARY EQUIPMENT

Basis

6.0 ADMINISTRATION STANDARDS

6.1 REVIEW AND AUDIT

Safety Review and Audit

Action to be Taken if Maximum Safety Settings or a Limiting Condition
for Operation is Violated

Action to be Taken if a Safety Limit is Exceeded

6.2 PLANT OPERATING PROCEDURES

6.3 RADIOLOGICAL PROCEDURES

6.4 RECORDS AND LOGS

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