

WSES-FSAR-UNIT-3

CHAPTER 13

ORGANIZATIONAL STRUCTURE

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→(DRN 04-979, R14; LBDCR 13-015, R308)

13.1-11 DELETED

←(DRN 04-979, R14; LBDCR 13-015, R308)

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CHAPTER 13 ORGANIZATIONAL STRUCTURE

→(DRN 00-737; 01-279, R11-A ; DRN 01-462, R11-A; 00-1928, R11-A; DRN 01-1339, R11-B; DRN 00-1819, R12; DRN 04-979, R14; EC-14568, R303; EC-27124, R305; EC-31856, R306 LBDCR 13-015, R308)

13.1 ORGANIZATION AND RESPONSIBILITY

Operation and maintenance of the Waterford 3 facility is the responsibility of the Entergy Nuclear organization. The management organization and functional responsibilities as they relate to the operation, maintenance and technical support of the Waterford 3 facility are discussed in the Quality Assurance Program Manual (QAPM).

13.1.1 Organizational Arrangement

The corporate officer with direct responsibility for the plants shall be responsible for overall facility activities. The General Manager, Plant Operations is responsible for overall safe operation and has control over those onsite activities necessary for safe operation and maintenance of the plant. The Site Management organization down to the manager level is shown in Figures 13.1-1, 13.1-2 and 13.1-3.

The organization during declared emergencies is the Emergency Planning organization controlled by the "Waterford 3 Emergency Plan" and Waterford 3 Emergency Plan implementing procedures.

→(LBDCR 16-009, R309)

Independent oversight activities and support of quality related functions are conducted by the organization responsible for quality assurance/independent oversight and the QAPM.

←(LBDCR 16-009, R309)

A fire brigade is maintained on the site. The organization, operation and training of the fire brigade is discussed in the document under separate cover entitled, "Fire Protection Program", in Waterford 3 Site Procedure, UNT-005-013.

The facility organization, duty shift composition, control room occupancy, and other requirements for reactor operational and refueling personnel are in accordance with the Technical Specifications.

13.1.2 Facility Staff Qualifications

The minimum qualifications with regard to educational background and experience for plant staff positions will meet or exceed the minimum qualifications of ANSI / ANS 3.1-1978 as discussed in the Quality Assurance Program Manual.

13.1 FIGURES

Figure No.	Title
Figure 13.1-1	Waterford 3 Site Management Structure
Figure 13.1-2	Waterford 3 Operations Management Structure
Figure 13.1-3	Waterford 3 Site Projects & Maintenance Services Management Structure

←(DRN 00-737; 01-279, R11-A ; DRN 01-462, R11-A; 00-1928, R11-A; DRN 01-1339, R11-B; DRN 00-1819, R12; DRN 04-979, R14; EC-14568, R303; EC-27124, R305; EC-31856, R306 LBDCR 13-015, R308)

WATERFORD 3 STAFFING

➔ (LBDCR 13-015, R308)

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➔ (LBDCR 13-015, R308)

SELECTED NUCLEAR PLANT OPERATIONS PERSONNEL
QUALIFICATION REQUIREMENTS

➡ (DRN 01-462, R11-A; DRN 03-658, R12-C; DRN 03-1136, R13; DRN 04-979, R14; EC-31856, R306; LBDCR 13-005, R307; LBDCR 13-015, R308)

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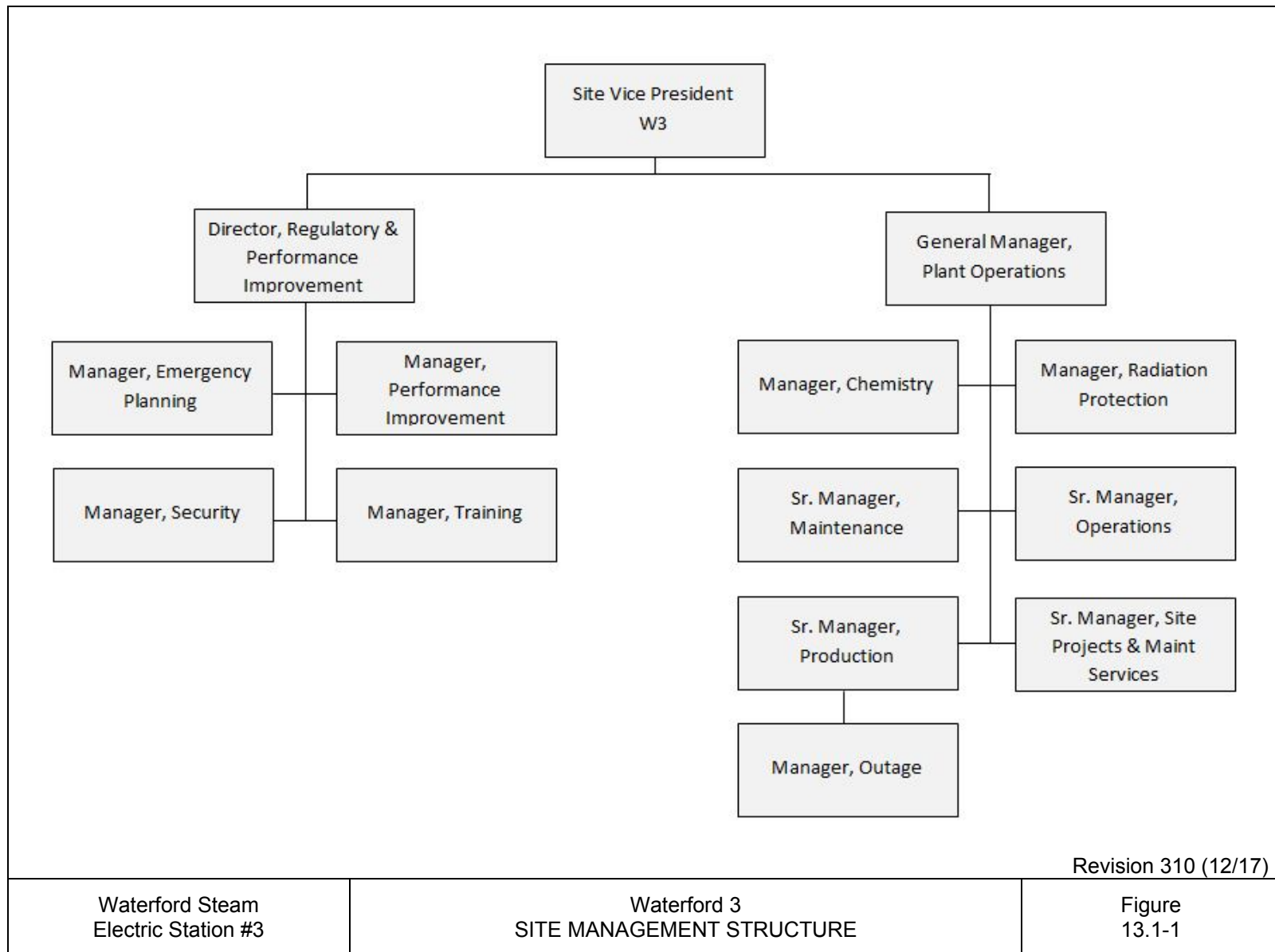
⬅ (DRN 01-462, R11-A; DRN 03-658, R12-C; DRN 03-1136, R13; DRN 04-979, R14; EC-31856, R306; LBDCR 13-005, R307; LBDCR 13-015, R308)

QUALIFICATIONS OF KEY TECHNICAL PERSONNEL
(NON-PLANT OPERATIONS STAFF)

➔ (DRN 01-462, R11-A; DRN 01-1339, R11-B; DRN 04-979, R14; EC-27124, R305; LBD CR 13-015, R308)

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➔ (DRN 01-462, R11-A; DRN 01-1339, R11-B; DRN 04-979, R14; EC-27124, R305; LBD CR 13-015, R308)



→(LBDCR 14-027, R308)

FIGURE 13.1-2 INTENTIONALLY DELETED.

←(LBDCR 14-027, R308)

→(LBDCR 14-027, R308)

FIGURE 13.1-3 INTENTIONALLY DELETED.

←(LBDCR 14-027, R308)

➔ (LBDCR 13-015, R308)

FIGURE 13.1-4 INTENTIONALLY DELETED

➔ (LBDCR 13-015, R308)

➔ (LBDCR 13-015, R308)

FIGURE 13.1-5 INTENTIONALLY DELETED

➔ (LBDCR 13-015, R308)

➔ (LBDCR 13-015, R308)

FIGURE 13.1-6 INTENTIONALLY DELETED

➔ (LBDCR 13-015, R308)

➔ (LBDCR 13-015, R308)

FIGURE 13.1-7 INTENTIONALLY DELETED

➔ (LBDCR 13-015, R308)

➔ (LBDCR 13-015, R308)

FIGURE 13.1-8 INTENTIONALLY DELETED

➔ (LBDCR 13-015, R308)

→(LBDCR 13-015, R308)

FIGURE 13.1-9 INTENTIONALLY DELETED.

←(LBDCR 13-015, R308)

➔(LBDCR 13-015, R308)

➔(LBDCR 13-015, R308)

FIGURE 13.1-10 INTENTIONALLY DELETED.

➔ (LBDCR 13-015, R308)

FIGURE 13.1-11 INTENTIONALLY DELETED

➔ (LBDCR 13-015, R308)

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➔(DRN 99-1099; DRN 01-462, R11-A; LBDCR 13-005, R307; LBDCR 13-012, R308; LBDCR 13-015, R308)

13.2 TRAINING

A retraining and replacement training program for the facility staff is maintained and meets or exceeds the requirements and recommendations of Section 5.5 of ANSI / ANS 3.1-1978, 10 CFR Part 55 and the requirements of the Technical Specifications.

An emergency plan training program is maintained to cover licensee and non-licensee individuals or groups assigned to the various functional areas of emergency activity.

Radiation protection training is given to personnel requiring unescorted access to controlled areas of the plant.

The initial and requalification training programs for Operating personnel include training in the use of installed systems to control or mitigate accidents that severely damage the core as required by NUREG-0737.

These training programs incorporate the instructional requirements necessary to provide personnel to operate and maintain the facility in a safe manner in all modes of operation.

13.2.1 Deleted

13.2.2 Deleted

13.2.3 Deleted

➔(DRN 99-1099; DRN 01-462, R11-A; LBDCR 13-005, R307; LBDCR 13-012, R308; LBDCR 13-015, R308)

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➔ (LBDCR 13-015, R308)

13.3 WRITTEN PROCEDURES

The Site, Administrative, Entergy Nuclear procedures govern the operation and maintenance of the facility in a safe and efficient manner. Written procedures and administrative policies are established, implemented, and maintained in accordance with the Quality Assurance Program described in the QAPM.

⬅ (LBDCR 13-015, R308)

➔(LBDCR 13-015, R308)

13.4 RECORDS

Records retention requirements are addressed in the Entergy QAPM. Plant Administrative Procedures define the responsibility for, and provide a method for the collection, filing, indexing, storing, maintenance and disposition of those records subject to the provisions of US NRC Regulatory Guide 1.88, Revision 2, and American National Standards Institute (ANSI) N45.2.9-1974 and National Fire Protection Association Standard 232-1975. The procedures define records as those documents which furnish evidence of the quality of items and/or activities affecting quality, excluding correspondence, and list the records, their retention period, their source, and the organization responsible for storage.

In addition, the QAPM specifies NQA-1, 1983; "Quality Assurance Program Requirements for Nuclear Facilities." NQA-1 includes requirements for the long term storage facility used for the storage of quality records.

Records are maintained on paper, microfilm/aperture cards, or optical disk storage media. Procedures for maintenance of optical disk records comply with the guidance of NRC Generic Letter 88-18 "Plant Record Storage on Optical Disks."

13.4.1 Deleted

13.4.2 Deleted

13.4.3 Deleted

←(LBDCR 13-015, R308)

13.5 REVIEW AND AUDIT OF OPERATIONS

Matters such as design changes to the facility which require a license amendment, changes to operating procedures, or changes to the Technical Specifications, are conducted in accordance with the requirements of 10 CFR 50 and the QAPM. To assist in this function, Entergy has chartered two committees specifically for the review of safety-related items. These committees (i.e., the On-Site Safety Review Committee and the Safety Review Committee) function in accordance with the requirements of the QAPM.

A continuing review of facility operations is performed by the station operating staff and at the executive level.

13.5.1 On-Site Safety Review Committee (OSRC)

The On-Site Safety Review Committee functions to advise on all matters related to nuclear safety in accordance with the requirements of the QAPM. The membership, meeting frequency, responsibilities, records and charter of the OSRC are addressed in the QAPM.

13.5.2 Safety Review Committee (SRC)

The Safety Review Committee functions to provide independent review and audit of designated activities and plant operations in accordance with the requirements of the QAPM. This committee provides independent review and audit of designated activities related to nuclear safety. The composition, responsibilities, and review functions of the SRC are described in the QAPM and implemented procedures.

13.5.3 Qualification of Inspection, Examination, Testing, and Audit Personnel

Entergy's commitments and exceptions related to the qualification of inspection, examination, testing, and audit personnel are described in the QAPM.

➔ (LBDCR 13-015, R308)

13.6 PLANT SECURITY

The program for ensuring the physical security of the Waterford 3 station has been reviewed by the NRC and found acceptable. The fully implemented security plan provides the protection needed to meet the general performance requirements of 10 CFR 73.55(a) and the objectives of the specific requirements of 10 CFR 73.55, paragraphs (b) through (r), without impairing the ability to operate the plant safely. The approved plant security program, titled "Waterford 3, Physical Security, Training and Qualification, Safeguards Contingency Plan, and ISFSI", is addressed in the facility operating license. The approved security plan documents and the NRC Security Plan Evaluation Report have been withheld from public disclosure pursuant to 10 CFR 2.790(d).

➔ (LBDCR 13-015, R308)

➔(LBDCR 13-015, R308)

13.7 EMERGENCY PREPAREDNESS

13.7.1 Emergency Plan

In accordance with 10 CFR 50.54 (q), a document titled “Waterford 3 SES Emergency Plan” is maintained and submitted by Entergy to the NRC.

13.7.2 Emergency Response Facilities

The Emergency Operations Facility (EOF) provides for the management of overall emergency response, coordination of radiological and environmental assessments, and determination of recommended public protective actions. An alternate Emergency Operations Facility is located outside of the 10-mile emergency planning zone.

⬅(LBDCR 13-015, R308)

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APPENDIX 13A

APPENDIX 13A (RESUMES)

INTENTIONALLY REMOVED

➔(LBDCR 17-014, R310)

13.8 TECHNICAL REQUIREMENTS

Based on the NRC's Final Policy Statement on Technical Specification Improvements for nuclear power plants, and 10CFR50.36 as amended in Final Rule published in the Federal Register dated July 13, 1995, certain requirements may be relocated from the Technical Specifications to other licensee controlled documents (FSAR, ODCM, administrative procedures). In an effort to centralize the requirements relocated from the Technical Specifications and to ensure the necessary administrative controls are applied to these requirements, the Waterford 3 Technical Requirements Manual (TRM) has been developed. The TRM is intended for use as an operator aid that provides one location for all relocated items in a familiar format. In addition to retaining the current Technical Specification numbering and format for relocated items, the TRM provides a reference to the Technical Specification when appropriate to assist the user in connecting the relocated information to the applicable Technical Specification.

13.8.1 Regulatory Status/Requirements

Although the TRM itself is not legally binding (e.g., Technical Specifications), the requirements in the TRM are part of the licensing bases and treated as if they are still Technical Specifications. For example: The LCO, Action and Surveillance requirements will be applied to TRM requirements. Violations of TRM requirements are documented by the Waterford 3 Corrective Action Program.

These controls are necessary because the purpose of relocating the requirements from TS is not to reduce the level of control on the items but to provide flexibility, if necessary. Any deviation from the TRM will be screened for reportability in accordance with the applicable administrative procedures and regulatory requirements.

13.8.1.2 Changes to the Technical Requirements Manual (TRM)

Design modifications, procedure changes, license amendments, etc. have the potential to affect the TRM. The TRM is part of the FSAR and any changes to the TRM are subject to the criteria of 10 CFR 50.59. Specific administrative controls describing the necessary requirements to process a TRM change are included in Waterford 3 Site Procedures.

⬅(LBDCR 17-014, R310)