

GRAND GULF NUCLEAR GENERATING STATION
Updated Final Safety Analysis Report (UFSAR)

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CHAPTER 13.0 CONDUCT OF OPERATIONS

13.1 ORGANIZATIONAL AND RESPONSIBILITY

Operation and maintenance of the Grand Gulf Nuclear (GGNS) 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 GGNS facility are discussed in the Quality Assurance Program Manual (QAPM).

13.1.1 Organizational Arrangement

The corporate office with direct responsibility for the plant 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 department managers is shown in Figure 13.1-1.

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

Independent oversight activities and support of quality related functions are conducted through the Quality Assurance/Oversight organization and the QAPM.

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 QAPM.

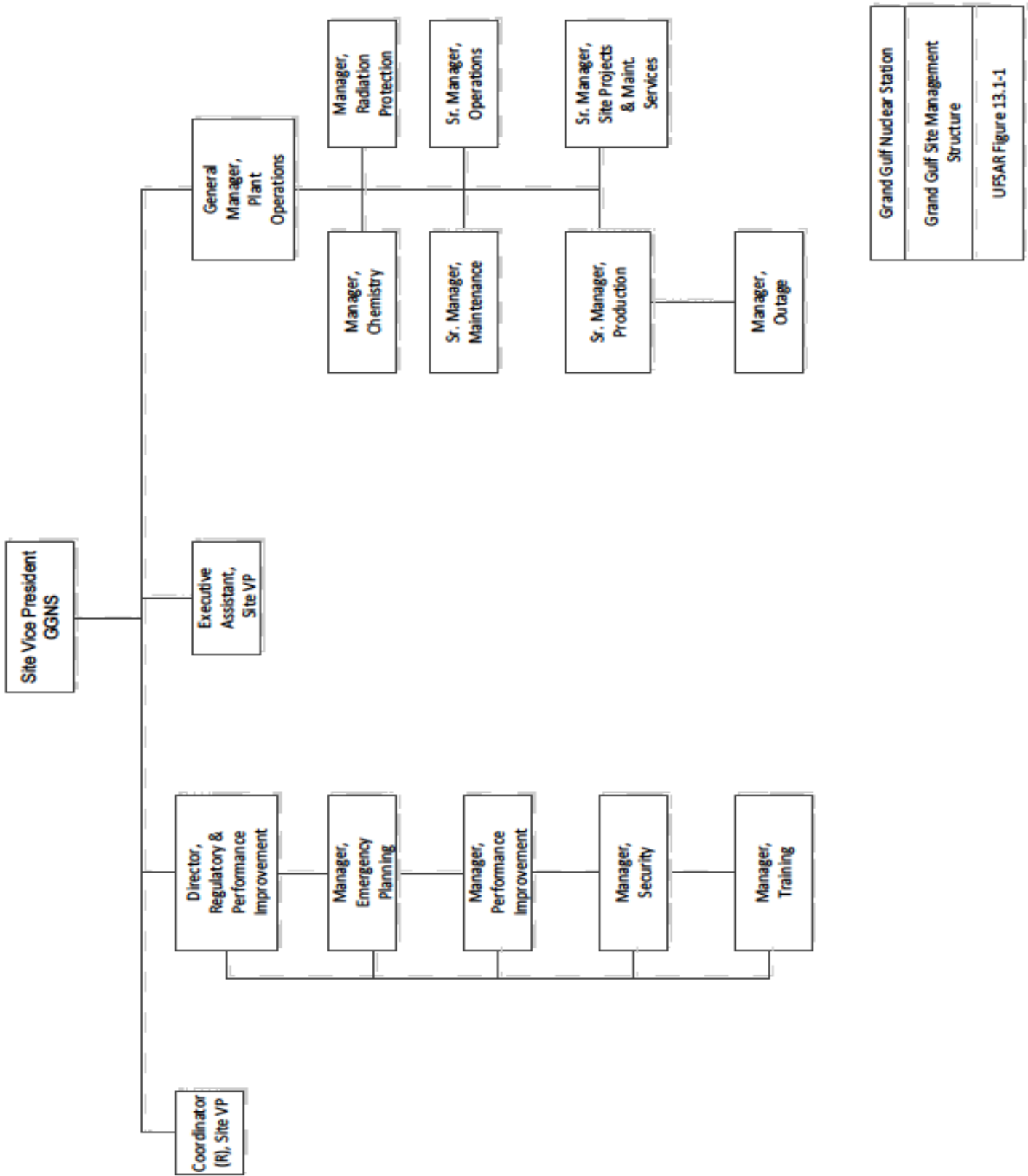
TABLE 13.1-1: DELETED

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TABLE 13.1-2: DELETED

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Grand Gulf Nuclear Station
Grand Gulf Site Management Structure
UFSAR Figure 13.1-1

FIGURE 13.1-2: DELETED

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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.

- a. 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.

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13.3 WRITTEN PROCEDURES

The Site, Administrative, Entergy Nuclear South (ENS) procedures, and Entergy Nuclear (EN) 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.

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13.4 RECORDS

Record retention requirements are addressed in the Entergy QAPM. Plant Administrative Procedures define the responsibility for, and provide a method for the collection, filling, indexing, storing, maintenance and disposition of those records subject to the provisions of US NRC Regulatory Guide 1.88, Revision 2, and American National 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."

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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 implementing 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.

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13.6 PLANT SECURITY

The program for ensuring the physical security of GGNS 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 (h), without impairing the ability to operate the plant safely. The approved plant security program, titled "Grand Gulf Nuclear Station, Physical Security Plan," 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).

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13.7 EMERGENCY PREPAREDNESS

13.7.1 Emergency Plan

In accordance with 10 CFR 50.54(q), a document titled "Grand Gulf Nuclear Station 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.

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