

## 15.6 ADMINISTRATIVE CONTROLS

### 15.6.1 RESPONSIBILITY

15.6.1.1 The Manager - Point Beach Nuclear Plant (hereinafter referred to as the Manager) shall be responsible for overall facility operation and shall delegate in writing the succession to this responsibility during absences from the Point Beach Nuclear Plant area of greater than 48 hours and where ready contact by telephone or other means is not assured.

15.6.1.2 The Duty Shift Superintendent (or during his absence from the control room, the Duty Operating Supervisor) shall be responsible for the Control Room Command function.

### 15.6.2 ORGANIZATION

15.6.2.1 Onsite and offsite organizations shall be established for plant operation and corporate management, respectively.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Point Beach Nuclear Plant Final Safety Analysis Report, or plant procedures.
- b. The Manager shall be responsible for overall plant safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.

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- c. The Vice President - Nuclear Power shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

#### FACILITY STAFF

15.6.2.2 Facility staffing shall be subject to the following requirements:

- a. Each on-duty shift shall normally be composed of at least the minimum shift crew composition (for all modes except with a unit defueled) as follows:\*\*
  - 1. Shift Superintendent (SRO)\* - one per shift
  - 2. Duty Technical Advisor - one per shift
  - 3. Operating Supervisor (SRO)\* - one per shift
  - 4. Operator (RO)\* - two per shift for one unit operation
    - three per shift for two unit operation
  - 5. Operator - two per shift for one unit operation
    - three per shift for two unit operation
  - 6. The Duty Technical Advisor is located on-site on ten minute call to the control room.

- b. At least one licensed Operator shall be in the control room when fuel is in either reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.
- d. An individual qualified in radiation protection procedures shall be on site when fuel is in either reactor.\*\*
- e. All core alterations shall be directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.
- f. A Fire Brigade of at least 5 members shall be maintained onsite at all times.\*\* This excludes 3 members of the minimum shift crew necessary for safe shutdown of the plant and any personnel required for other essential functions during a fire emergency.
- g. The ~~Superintendent~~ Operations ~~Manager~~ shall hold a senior reactor operator license.

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\*SRO = NRC Senior Reactor Operator License

RO = NRC Reactor Operator License

\*\*This shift may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence of personnel, provided immediate action is taken to restore the shift makeup to within the minimum requirements.

#### 15.6.2.3 Duty & Call Superintendent

- a. To assist and counsel the Shift Superintendent in case of significant operating events, a Duty & Call Superintendent group has been established. The Duty & Call Superintendent group shall consist of qualified persons designated in writing by the Manager.
- b. In the event of a reportable occurrence, the Shift Superintendent shall communicate with at least one Duty & Call Superintendent before taking other than the immediate on-the-spot action required. One Duty & Call Superintendent will be assigned to be "on call" at all times.

15.6.3 FACILITY STAFF QUALIFICATIONS

15.6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions or as clarified in 15.6.3.2 through 15.6.3.4.

15.6.3.2 Except as provided in 15.6.3.3, the ~~Superintendent~~ Health Physics ~~Manager~~ shall meet the following requirements:

- a. The individual shall have a bachelor's degree or the equivalent in a science or engineering subject, including some formal training in radiation protection. For purposes of this paragraph, "equivalent" is as follows:
  - (1) Four years of formal schooling in science or engineering; or
  - (2) Four years of applied radiation protection experience at a nuclear facility; or
  - (3) Four years of operational or technical experience or training in nuclear power; or
  - (4) Any combination of the above totalling four years.
- b. Except as provided in d., below, the individual shall have at least five years of professional experience in applied radiation protection. A master's degree in a related field is equivalent to one year of experience and a doctor's degree in a related field is equivalent to two years of experience.
- c. Except as provided in d., below, at least three of the five years of experience shall be in applied radiation protection work in a nuclear facility dealing with radiological problems similar to those encountered in nuclear power plants.
- d. If the individual has a bachelor's degree specifically in health physics, radiological health, or radiation protection, at least three years of professional experience is required; if the individual has a master's or a doctor's degree specifically in health physics, radiological health, or radiation protection, at least two years of professional experience is required. This experience shall be in applied radiation protection in a nuclear facility dealing with radiological problems similar to those encountered in nuclear power plants.

15.6.3.3 In the event the position of ~~Superintendent~~ Health Physics ~~Manager~~ is vacated and the proposed replacement does not meet all the qualifications of 15.6.3.2, but is determined to be otherwise well qualified, the concurrence of NRC shall be sought in approving the qualification of that individual.

15.6.3.4 The Duty Technical Advisor shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design and response and analysis of the plant for transients and accidents. The Duty Technical Advisor shall also receive training in plant design and layout including the capabilities of instrumentation and controls in the control room.



15.6.4 TRAINING

15.6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Superintendent Training Manager and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.

15.6.4.2 A training program for the Fire Brigade shall meet or exceed the requirements of Section 27 of the NFPA Code-1976, except that the meeting frequency may be quarterly.

15.6.5 REVIEW AND AUDIT

15.6.5.1 Manager's Supervisory Staff

15.6.5.1.1 The Manager's Supervisory Staff (MSS) shall function to advise the Manager on all matters related to nuclear safety.

15.6.5.1.2 The Manager's Supervisory Staff shall be selected and designated by the Manager from a list of qualified individuals in the following disciplines:

Operations  
Maintenance  
Health Physics  
Engineering  
Licensing  
Training  
Chemistry

~~The Manager's Supervisory Staff shall be selected from the following:~~

~~Chairman: Manager — Point Beach Nuclear Plant  
Member: General Superintendent — Maintenance  
Member: General Superintendent — Operations  
Member: Superintendent — Operations  
Member: Superintendent — Maintenance  
Member: Superintendent — Technical Services  
Member: Superintendent — Training  
Member: Superintendent — Chemistry  
Member: Superintendent — Health Physics~~

Member: ~~Superintendent~~ ~~Instrumentation &~~  
~~Control~~

15.6.5.1.3 Each individual representing a MSS discipline shall meet or exceed the qualification requirements specified in Section 4.2 of ANSI N13.1-1971, except as described in Specification 15.6.3.2 for the Health Physics Manager.

15.6.5.1.4 The MSS Chairman shall be selected by the Manager from a group specifically designated by the Manager and shall meet or exceed the qualification requirements specified in Section 4.2.1 of ANSI N18.1-1971. The Chairman shall ensure that the proper disciplines are present to address the items to be brought to the MSS for review in accordance with Specification 15.6.5.1.8. ~~Alternate members may be appointed by the MSS Chairman to serve on a temporary basis; however, no more than two alternates shall vote in MSS at any one time. Such appointment shall be in writing.~~

15.6.5.1.45 The MSS shall meet at least once per calendar month and as convened by the MSS Chairman.

15.6.5.1.55 A quorum of the MSS shall consist of the Chairman and four members representing four different disciplines. In addition, the quorum shall be representative of the issues being discussed. ~~or his designated alternate and five members including alternates.~~



15.6.5 REVIEW AND AUDIT (Continued)

15.6.5.1 Manager's Supervisory Staff (Continued)

15.6.5.1.7 A list of MSS members shall be maintained and shall be updated at least annually.

15.6.5.1.6 8 The MSS shall have the following duties:

- a. Review procedures as required by these Technical Specifications. Review other procedures or changes thereto which affect nuclear safety as determined by the Manager.
- b. Review all proposed tests and experiments related to nuclear safety and the results thereof when applicable.
- c. Review all proposed changes to Technical Specifications.
- d. Review all proposed changes or modifications to plant systems or equipment where changes affect nuclear safety.
- e. Periodically review plant operations for ~~nuclear safety hazards~~ potential hazards to nuclear safety.
- f. ~~Investigate~~ Review violations or suspected violations of Technical Specifications, such investigations reviews to include reports, evaluations and recommendations.

15.6.5 REVIEW AND AUDIT (Continued)

15.6.5.1 Manager's Supervisory Staff (Continued)

- g. Perform special reviews, investigations or prepare reports thereon as requested by the Chairman of the Off-Site Review Committee.
- h. Review the Facility Fire Protection Program ~~and implementing procedures~~ at least once per 24 months to ensure the program meets established commitments and requirements.
- i. Investigate, review, and report on all reportable events.
- j. Review every release of radioactive material to the environment in excess of the limits specified in Section 15.7.5. Such review will include a summary of evaluation, recommendation and disposition of corrective action to prevent recurrence.
- k. Review all changes to the PCP and ODCM.

15.6.5.1.7 9 The Manager's Supervisory Staff shall have the following responsibility:

- a. Serve as an advisory committee to the Manager.
- b. Make recommendations to the Manager for proposals under items a. through d. above. In the event of disagreement between a majority of the Supervisory Staff and decisions by the Manager, the course of

15.6.5 REVIEW AND AUDIT (Continued)

15.6.5.1 Manager's Supervisory Staff (Continued)

15.6.5.1.7 (Continued)

action will be determined by the Manager and the disagreement recorded in the Staff minutes.

- c. Make recommendations as to whether or not proposals considered by the Staff involve unreviewed safety questions.
- d. Review and approve the contents of a report for each reportable event. Copies of all such reports shall be submitted to the Vice President - Nuclear Power and the Chairman of the Off-Site Review Committee.
- e. Written minutes of each meeting shall be reviewed by staff members and copies shall be provided to the Vice President - Nuclear Power and Chairman of the Off-Site Review Committee.