

ADMINISTRATIVE CONTROLS

6.2.3 INDEPENDENT SAFETY ENGINEERING GROUP (ISEG)

FUNCTION

6.2.3.1 The ISEG shall function to examine unit operating characteristics, NRC issuances, industry advisories, Licensee Event Reports, and other sources of unit design and operating experience information, including units of similar design, which may indicate areas for improving unit safety. The ISEG shall make detailed recommendations for revised procedures, equipment modifications, maintenance activities, operations activities, or other means of improving unit safety to the ~~Manager Licensing and Safety, Director Nuclear Safety,~~ and to members of the Nuclear Review and Audit Group (NRAG).

COMPOSITION

Manager - Nuclear Assessment

6.2.3.2 The ISEG shall be composed of a least five, dedicated, full-time members located on site. Each ISEG member shall have either:

- (1) A bachelor's degree in engineering or related science and at least three years of professional-level experience in his field which shall include at least one year of nuclear power experience, or
- (2) At least five years of nuclear experience and hold or have held a Clinton Power Station Senior Reactor Operator license.

As a minimum, four of the ISEG members shall have the qualifications specified in (1) above.

RESPONSIBILITIES

6.2.3.3 The ISEG shall be responsible for maintaining surveillance of unit activities to provide independent verification¹ that these activities are performed correctly and that human errors are reduced as much as practical.

RECORDS

6.2.3.4 Records of activities performed by the ISEG shall be prepared, maintained, and forwarded each calendar month to the ~~Director Nuclear Safety,~~ to the ~~Manager Licensing and Safety,~~ and to members of the NRAG.

Manager - Nuclear Assessment

¹ Not responsible for signoff function.

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6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall provide advisory technical support to the Shift Supervisor in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to safe operation of the unit. The Shift Technical Advisor shall have a bachelor's degree or equivalent in a scientific or engineering discipline and shall have received specific training in the response and analysis of the unit for transients and accidents, and in unit design and layout, including the capabilities of instrumentation and controls in the control room.

6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed minimum qualifications of ANSI/ANS 3.1-1978. The Director - Plant Operations shall have held an SRO license for Clinton Power Station; the Assistant Director - Plant Operations shall hold an SRO license for Clinton Power Station.

6.4 TRAINING

6.4.1 A retraining and replacement training program for the unit staff shall be maintained under the direction of the Director - ~~Nuclear Training~~ and shall meet or exceed the requirements of 10 CFR Part 55.

6.5 REVIEW AND AUDIT

Operations Training

6.5.1 FACILITY REVIEW GROUP (FRG)

6.5.1.1 The FRG shall function to advise the Manager - Clinton Power Station on all matters related to nuclear safety.

COMPOSITION

6.5.1.2 The FRG shall be composed of a chairman and supervisory (supervisor or higher) members collectively having the experience and competence in areas of plant operations, maintenance (control and instrumentation, electrical maintenance, mechanical maintenance), radiation protection, chemistry and nuclear engineering, necessary to perform the required review function.

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6.5.2 NUCLEAR REVIEW AND AUDIT GROUP (NRAG)

FUNCTION

6.5.2.1 The NRAG shall function to provide independent review and audit of designated activities in the areas of:

- a. Nuclear power plant operations,
- b. Nuclear engineering,
- c. Chemistry and radiochemistry,
- d. Metallurgy,
- e. Instrumentation and control,
- f. Radiological safety,
- g. Mechanical and electrical engineering,
- h. Quality assurance practices,
- i. Non-destructive testing,
- j. Administrative controls, and
- k. Other appropriate fields associated with the unique characteristics of Clinton Unit 1.

COMPOSITION

6.5.2.2 The NRAG, as a minimum, shall be composed of a Director and four members. ~~Senior representatives from Nuclear Station Engineering, Quality Assurance, Plant Staff, Licensing and Safety, and Nuclear Training shall be members of the committee.~~ Individuals filling positions as required by ANSI/ANS 3.1-1978, Section 4.7.2, shall meet the education and experience requirements of the same section. The NRAG Director shall be appointed by the Vice President. The members shall be appointed by the Director. Current membership rosters, signed by the Director, shall be maintained.

ALTERNATES

6.5.2.3 All alternate members shall be appointed in writing by the NRAG Director to serve on a temporary basis; however, no more than two alternates shall participate as voting members in NRAG activities at any one time.

CONSULTANTS

6.5.2.4 Consultants shall be utilized as determined by the NRAG Director to provide expert advice to the NRAG.

MEETING FREQUENCY

6.5.2.5 The NRAG shall meet at least once per calendar quarter during the initial year of unit operation following fuel loading and at least once per 6 months thereafter.