

6.2.3 Independent Safety Engineering Group (ISEG)

Function

- 6.2.3.1 The ISEG shall function to responsively and proactively 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. Such recommendations shall be submitted through the General Manager, Nuclear Quality Assurance to the Executive Vice President-Nuclear.

Composition

- 6.2.3.2 The Peach Bottom ISEC shall be composed of at least five dedicated, full-time engineers, including the ISEG Superintendent, located onsite. The Peach Bottom ISEG shall meet all of the following qualification requirements:
- a. Each member shall have a bachelor's degree in engineering or related science.
 - b. The ISEG Superintendent shall have at least six years of full-time commercial nuclear experience.
 - c. Each of the members shall have at least two years of full-time commercial nuclear experience.
 - d. Not more than one of the members shall have less than three years of full-time commercial nuclear experience.
 - e. Excluding the experience of the Superintendent, the members collectively shall have at least 16 years of full-time commercial nuclear experience.
 - f. The ISEG (Superintendent included) collectively shall have the broad range of knowledge and experience necessary to perform the functions and responsibilities specified in 6.2.3.1 and 6.2.3.3.

Responsibilities

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

Authority

- 6.2.3.4 The ISEG reports to the General Manager, Nuclear Quality Assurance. If any significant nuclear quality concern identified by the ISEG is not adequately resolved, the General Manager, Nuclear Quality Assurance shall notify the Nuclear Review Board, the Executive Vice President-Nuclear, the President, or the Nuclear Committee of the Board. If the ISEG is not satisfied with the resolution of any significant nuclear quality concern by the General Manager, Nuclear Quality Assurance, the ISEG shall notify the Nuclear Review Board of that concern.

Records

- 6.2.3.5 Records of activities performed by the ISEG shall be prepared, maintained, and forwarded each calendar month to the General Manager, Nuclear Quality Assurance.

*Not responsible for sign-off function

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