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2.4.14 Technical Specifications and Emergency Operation Requirements

(SRI/CEII)

The grade elevation of the Clinch River Nuclear (CRN) Site is 821 ft North American Vertical Datum of 1988 (NAVD88), and the maximum flood level, as indicated in [Subsection 2.4.2.2](#), is [REDACTED] ft National Geodetic Vertical Datum of 1929 (NGVD29) [REDACTED] ft NAVD88). The maximum groundwater elevation, as indicated in [Subsection 2.4.12](#), is 816.1 ft NAVD88. Thus, the site is considered to be dry with respect to the need for flood protection. Accordingly, there are no requirements for emergency protective measures designed to minimize the impact of hydrology-related events on safety-related or risk-significant facilities, and none are incorporated into the technical specifications or emergency operating procedures.

The current designs of the small modular reactors being evaluated for deployment at the CRN Site do not require use of a safety-related source of cooling water from the Clinch River arm of the Watts Bar Reservoir, and thus related technical specifications or emergency operation requirements are not necessary.