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(reaffirmed 2020)

Technical specification requirements for nuclear power plant components

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Preface

This is the first edition of CSA N290.8, *Technical specification requirements for nuclear power plant components*.

This Standard is intended to ensure that technical specifications used to procure components are concise, consistent, and complete (i.e., identify all of the technical requirements and acceptance criteria). This Standard is not intended to add new requirements, codes, and standards, or interpretations to the component's design basis.

This Standard has been written as a general standard for specifying components that will be installed in nuclear power plants. It establishes the requirements for design, procurement, installation, commissioning/testing, operation, maintenance, packaging, shipping that are to appear in the technical specifications for components.

This Standard is one of a series of standards on reactor control systems, safety systems, and instrumentation for nuclear power plants.

The CSA N-Series of Standards provides an interlinked set of requirements for the management of nuclear facilities and activities. CSA N286 provides overall direction to management to develop and implement sound management practices and controls, while the other CSA nuclear Standards provide technical requirements and guidance that support the management system. This Standard works in harmony with CSA N286 and does not duplicate the generic requirements of CSA N286; however, it may provide more specific direction for those requirements.

Users of this Standard are reminded that the design, manufacture, construction, commissioning, operation, and decommissioning of nuclear facilities in Canada are subject to the provisions of the *Nuclear Safety and Control Act* and its supporting Regulations.

This Standard was prepared by the Subcommittee on Technical Specification Requirements for Nuclear Power Plant Components, under the jurisdiction of the Technical Committee on Reactor Control Systems, Safety Systems, and Instrumentation of Nuclear Power Plants and the Strategic Steering Committee on Nuclear Standards, and has been formally approved by the Technical Committee.

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