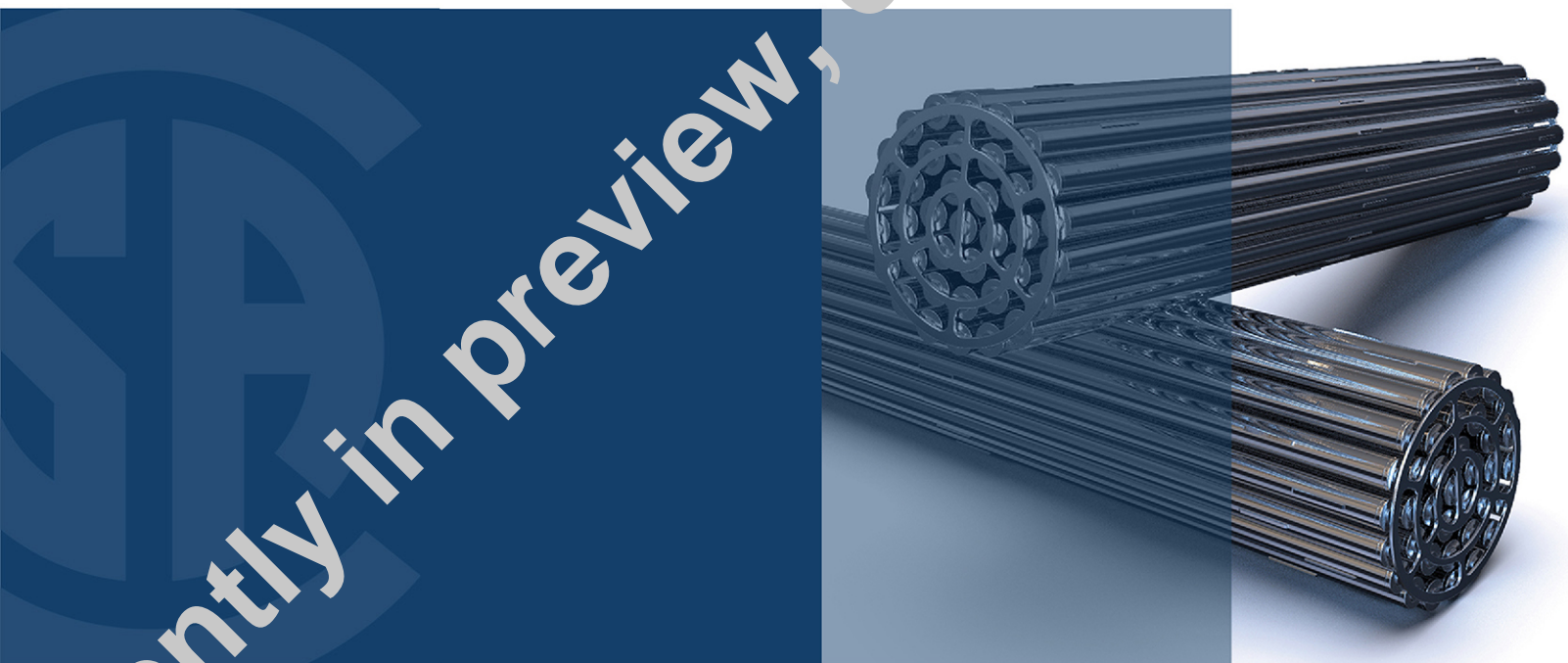


Decommissioning of facilities containing nuclear substances



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The members of the Technical Committee who developed the 1992 draft Standard for nuclear decommissioning

① Preface

This is the first edition of CSA N294, *Decommissioning of facilities containing nuclear substances*.

This Standard was developed in response to a need for direction on decommissioning consistent with Canadian and international recommendations. It incorporates current best practices and existing regulatory requirements. This Standard also draws on the decommissioning experience of the Canadian nuclear industry.

The CSA N-Series Standards provide 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 Group Nuclear Standards provide specific 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 additional and site-specific requirements might be specified by federal, provincial, or municipal authorities. This Standard should not be considered as a replacement for the requirements contained in the *Nuclear Safety and Control Act* and its Regulations or in other legislation, standards, or guides.

This Standard was prepared by the Technical Committee on the Decommissioning of Nuclear Facilities, under the jurisdiction of the Strategic Steering Committee on Nuclear Standards, and has been formally approved by the Technical Committee.

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.*
- 3) *This Standard was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this Standard.*
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 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*

CSA N294:09

Decommissioning of facilities containing nuclear substances

① **0 Introduction**

Note: The information in Clause 0 is informative.

0.1 General

This Standard is one of the CSA N-Series of Standards, a set of Standards which provide an interlinked set of requirements for the management of nuclear facilities. This Standard provides direction on defining, planning and executing decommissioning work, and supports the requirements identified in CSA N286, *Management system requirements for nuclear facilities*.

0.2 Background

This Standard was developed to consolidate and incorporate into one document, decommissioning principles, Canadian and international decommissioning experience, international guidance, and regulatory expectations that could be applied to the decommissioning of all facilities and sites where nuclear substances were used or stored.

The Standard is consistent with and supplements current Canadian policy and regulatory guidance as follows:

- CNSC Regulatory Policy P-290, Managing Radioactive Waste (July 2004);
- CNSC Regulatory Guide G-219, Decommissioning Planning for Licensed Activities (June 2000); and
- CNSC Regulatory Guide G-206, Financial Guarantees for the Decommissioning of Licensed Activities (June 2000).

0.3 Application

The application of this Standard is intended for all nuclear decommissioning activities in Canada and is mandatory when referenced as a requirement in a CNSC licence or via another regulatory requirement. The Standard is intended to be appropriate for use in decommissioning facilities and sites under CNSC licences, military facilities regulated by the Director Nuclear Safety, and non-licensed facilities and sites containing nuclear substances.

The main body of this Standard provides the requirements for the management of decommissioning; the Annexes have been developed to provide information related to specific aspects of decommissioning.

0.4 Interface with other CSA Group Standards

This Standard has been developed to capture nuclear decommissioning requirements, but recognizes that the process of decommissioning is complex and interface with other CSA N-Series Standards will be required.

It is recommended that the user of this Standard consider reviewing the following CSA N-Series Standards to determine if the requirements contained within these Standards affect and influence their decommissioning:

- N285 series on pressure retaining components and systems;