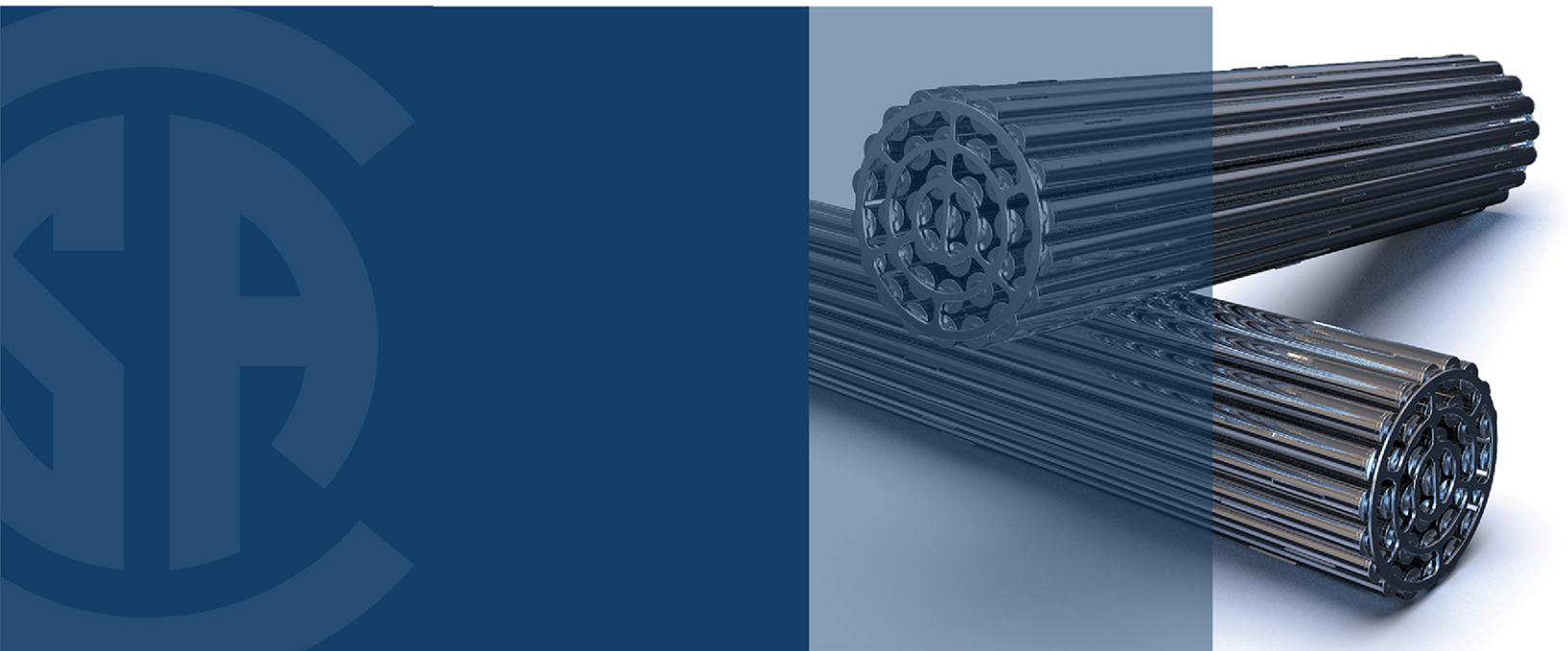




Groundwater protection and monitoring programs for nuclear facilities and uranium mines and mills



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CSA N288.7:23

August 2023

Title: *Groundwater protection and monitoring programs for nuclear facilities and uranium mines and mills*

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***Groundwater protection and
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*Published in August 2023 by CSA Group
A not-for-profit private sector organization
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*ICS 91.140.80
ISBN 978-1-4883-4854-9*

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Preface

This is the second edition of CSA N288.7, *Groundwater protection and monitoring programs for nuclear facilities and uranium mines and mills*. It supersedes the previous edition published in 2015 under the title *Groundwater protection programs at Class I nuclear facilities and uranium mines and mills*.

Major changes in this edition include:

- a) alignment with the CSA N288 series of Standards; and
- b) improved guidance and clarity.

The purpose of this Standard is to provide requirements and guidance which facilitate groundwater protection and monitoring at nuclear facilities and uranium mines and mills. Compliance with the Standard will allow facilities to demonstrate that they will not pose an unreasonable risk to the environment or the health and safety of humans and non-human biota from groundwater.

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 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 can provide more specific direction for meeting those requirements.

This Standard addresses the design, implementation, and management of groundwater protection and monitoring programs that incorporate best practices in Canada and internationally.

Users of this Standard are reminded that additional and site-specific requirements might be specified by federal, provincial/territorial, or municipal authorities. This Standard should not be considered a replacement for the requirements contained in any

- a) applicable federal/territorial or provincial statute, including the *Nuclear Safety and Control Act*; or
- b) regulation, licence, or permit issued pursuant to an applicable statute.

This Standard was prepared by the Subcommittee on Groundwater Protection Programs at Class I Nuclear Facilities and Uranium Mines and Mills under the jurisdiction of the Technical Committee on Environmental Management for Nuclear Facilities and the Nuclear Strategic Steering Committee, and has been formally approved by the Technical Committee.

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