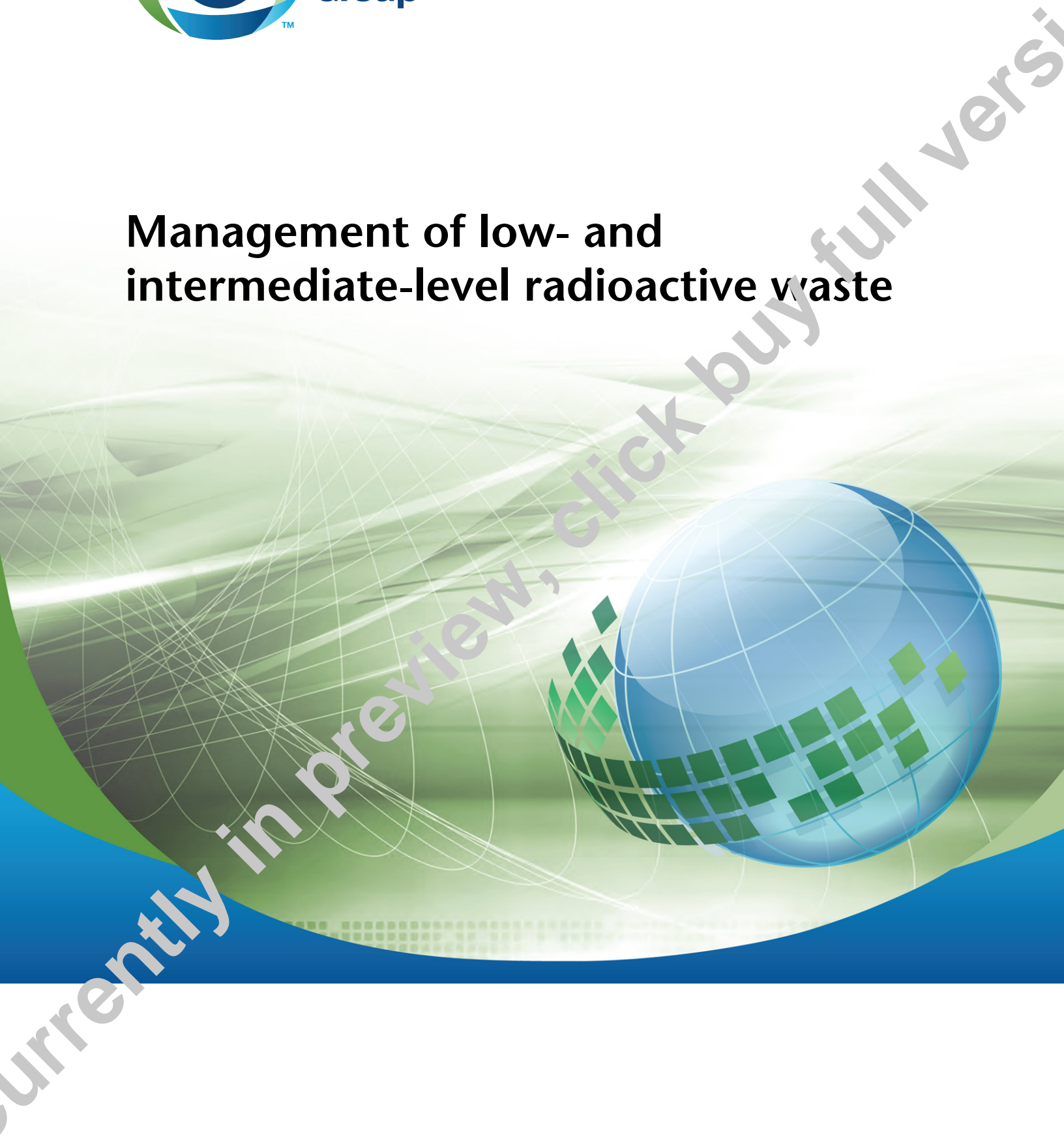




**CSA  
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**N292.3-08**  
*(reaffirmed 2013)*

# Management of low- and intermediate-level radioactive waste



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# Preface

This is the first edition of CSA N292.3, *Management of low- and intermediate-level radioactive waste*.

This Standard specifies requirements for the management of radioactive waste to protect the health and safety of people, physical security, and the environment for the life cycle of radioactive waste.

This Standard was developed in response to a need for guidelines consistent with international recommendations. It incorporates current best practices and existing regulatory requirements. This Standard also draws on the operating experience of radioactive waste generators, waste brokers, and those who regulate, operate, and conduct research and development on radioactive waste processing, storage, and long-term management facilities in Canada.

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 other legislation, standards, or guides.

This Standard was prepared by the Subcommittee on the Management of Low- and Intermediate-Level Radioactive Waste, under the jurisdiction of the Technical Committee on Radioactive Waste Management and the Strategic Steering Committee on Nuclear Standards, and has been approved by the Technical Committee.

March 2008

## 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 publication 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 publication.
- (4) CSA Standards are subject to periodic review, and suggestions for their improvement will be referred to the appropriate committee.
- (5) All enquiries regarding this Standard, including requests for interpretation, should be addressed to Canadian Standards Association, 5060 Spectrum Way, Suite 100, Mississauga, Ontario, Canada L4W 5N6.  
Requests for interpretation should
  - (a) define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;
  - (b) provide an explanation of circumstances surrounding the actual field condition; and
  - (c) be phrased where possible to permit a specific “yes” or “no” answer.

Committee interpretations are processed in accordance with the CSA Directives and guidelines governing standardization and are published in CSA's periodical Info Update, which is available on the CSA Web site at [www.csa.ca](http://www.csa.ca).

# N292.3-08

## **Management of low- and intermediate-level radioactive waste**

### **1 Scope**

#### **1.1**

This Standard specifies requirements for the management of low- and intermediate-level radioactive waste in solid, liquid, or gaseous states.

#### **1.2**

This Standard applies to organizations and facilities that generate, possess, manage, and transport low- and intermediate-level radioactive waste, including power reactors, research institutes, laboratories, and industrial facilities.

#### **1.3**

This Standard applies to facilities of all sizes (i.e., from storage cupboards to large purpose-built sites dedicated to the management of radioactive waste).

#### **1.4**

The following types of radioactive waste are not addressed in this Standard:

- (a) irradiated nuclear fuel;
- (b) naturally occurring radioactive material (NORM);
- (c) technologically enhanced, naturally occurring radioactive material (TENORM);
- (d) uranium mine and mill tailings; and
- (e) exempt waste (see [Clause 3](#)).

#### **1.5**

In CSA Standards, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; “may” is used to express an option or that which is permissible within the limits of the standard; and “can” is used to express possibility or capability. Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material. Notes to tables and figures are considered part of the table or figure and may be written as requirements. Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.

### **2 Reference publications**

This Standard refers to the following publications, and where such reference is made, it shall be to the editions listed below, including all amendments published thereto.

#### **CSA (Canadian Standards Association)**

N286-05

*Management system requirements for nuclear power plants*