



Regulatory Instrument Index by *NSCA* Regulations

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Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Canada

Overview

The Canadian Nuclear Safety Commission's (CNSC) Regulatory Documents Listings provides different views of the documents contained in the CNSC's Regulatory Framework, which includes laws, regulations and Regulatory Documents the CNSC has put in place under the Nuclear Safety and Control Act (NSCA). This listing provides an extensive list of the documents directly linked to Regulations created under the NSCA. Two additional internal administrative regulations — *By-laws* and *Rules of Procedure* — are not the subject of regulatory documents.

Nuclear Safety and Control Act

The Nuclear Safety and Control Act came into force on May 31, 2000, when it replaced the Atomic Energy Control Act. It provides the Canadian Nuclear Safety Commission (CNSC) with its regulatory authority.

Disclaimer

The CNSC Regulatory Instruments Index is provided solely for the convenience of users. This Index is intended to be an "evergreen" document and will be revised from time to time in response to users' needs. While attempts are made to keep listings as up-to-date and accurate as possible, the Canadian Nuclear Safety Commission does not offer any guarantee of accuracy, and is not legally responsible for any errors or omissions contained within the index.

Users should be aware that information offered by non-Government of Canada sites that are not subject to the Official Languages Act and to which the Canadian Nuclear Safety Commission links, may be available only in the language(s) used by the sites in question.

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Regulation: *General Nuclear Safety and Control Regulations*

<http://lois.justice.gc.ca/en/showtdm/cr/SOR-2000-202//?showtoc=&instrumentnumber=SOR-2000-202><http://laws.justice.gc.ca/en/n-28.3/sor-2000-202/153798.html>

CNSC Regulatory Documents

RD-337 Design of New Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-337-e.pdf

<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd337>

RD-346 Site Evaluation for New Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-346-e.pdf

<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd346>

G-206 Financial Guarantees for the Decommissioning of Licensed Activities

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G206_e.pdf

G-217 Licensee Public Information Programs

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G217_e.pdf

G-219 Decommissioning Planning for Licensed Activities

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G219_e.pdf

G-273 Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G273_e.pdf

G-276 Human Factors Engineering Program Plans

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/44019-G276E.pdf

G-278 Human Factors Verification and Validation Plans

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G278_e.pdf

G-320 Assessing the Long-term Safety of Radioactive Waste Management

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-320_Final_e.pdf

P-119 Policy on Human Factors

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P-119_e.pdf

P-211 Compliance

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P211_e.pdf

P-223 Protection of the Environment

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P-223_e.pdf

P-242 Considering Cost-benefit information

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P-242_e.pdf

P-290 Managing Radioactive Waste

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P290_e.pdf

P-299 Regulatory Fundamentals

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P-299FinalPublicationApril05_e.pdf

S-260 Making Changes to Dose-Related Information Filed with Dose Registry

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S260_e.pdf

R-71 Deep Geological Disposal of Nuclear Fuel Waste: Background Information and Regulatory Requirements Regarding the Concept Assessment Phase

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-71e.pdf

R-72 Geological Considerations in Siting a Repository for Underground Disposal of High-Level Radioactive Waste

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-72e.pdf

Regulation: *Radiation Protection*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-203/154458.html>

CNSC Regulatory Documents

RD-58 Thyroid Screening for Radioiodine

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/RD-58_pdf_e.pdf
<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd58>

RD-337 Design of New Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-337-e.pdf
<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd337>

G-91 Ascertaining and Recording Radiation Doses to Individuals

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/44019-G91E.pdf

G-121 Radiation Safety in Educational, Medical and Research Institutions

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G121_EE.pdf

G-129 Rev 1 Keeping Radiation Exposure and Doses As Low as Reasonably Achievable (ARLA)

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G129rev1_e.pdf

G-147 Radiobioassay Protocols for Responding to Abnormal Intakes of Radionuclides

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/44019-G147E.pdf

G-218 Preparing Codes of Practice to Control Radiation Doses at Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-218_e.pdf

G-221 A Guide to Ventilation Requirements for Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/44019-G221E.pdf

G-228 Developing and Using Action Levels

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G228_e.pdf

S-106 rev 1 Technical and Quality Assurance Standards for Dosimetry Services

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S106R1_e.pdf

R-52 rev 1 Design Guide for Basic and Intermediate Level Radioisotope Laboratories

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-52e1.pdf

R-85 Radiation Protection Requisites for the Exemption of Certain Radioactive Material from Further Licensing Upon Transferral for Disposal

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-85e.pdf

R-105 The Determination of Radiation Doses from the Intake of Tritium Gas

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-105E.pdf

R-100 The Determination of Effective Doses from the Intake of Tritiated Water

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-100E.pdf

R-117 Requirements for Gamma Radiation Survey Meter Calibration

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-117E.pdf

Regulation: *Class I Nuclear Facilities*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-204/153624.html>

CNSC Regulatory Documents

RD-204 Certification of Persons at Working Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/RD-204_e_PDF.pdf

RD-310 Safety Analysis for Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/RD-310_e_PDF.pdf

RD-337 Design of New Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-337-e.pdf

<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd337>

RD-346 Site Evaluation for New Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-346-e.pdf

<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd346>

RD-353 Testing the Implementation of Emergency Measures

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-353-e.pdf

<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd353>

RD-360 Life Extension of Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/RD-360_e_PDF.pdf

G-144 Trip Parameter Acceptance Criteria for the Safety Analysis of CANDU Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-144_e.pdf

G-149 Computer Research Programs used in Design and Safety Analyses of Nuclear Power Plants and Research Reactors

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G149_e.pdf

G-205 Entry into Protected and Inner Areas

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-205_e.pdf

G-225 Emergency Planning at Class I Nuclear Facilities and Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G225_e.pdf

G-228 Developing and Using Action Levels

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G228_e.pdf

G-274 Security Programs for Category I or II Nuclear Material or Certain Nuclear Facilities

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-274_e.pdf

G-296 Environmental Protection Policies, Programs and Procedures at Class I Nuclear Facilities and Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-296_E.pdf

G-306 Severe Accident Management Programs for Nuclear Reactors

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-306_e.pdf

G-323 Ensuring the Presence of Sufficient Qualified Staff at Class I Nuclear Facilities – Minimum Staff Complement

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-323_e.pdf

P-325 Nuclear Emergency Management

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P-325_e.pdf

S-98 Rev 1 Reliability Programs for Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S98Rev1_e.pdf

S-99 Reporting Requirements for Operating Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S99en.pdf

S-210 Maintenance Programs for Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S-210_e.pdf

S-294 Probabilistic Safety Assessment for Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S-294_e.pdf

S-296 Environmental Protection Policies, Programs and Procedures at Class I Nuclear Facilities and Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S-296_E.pdf

R-7 Requirements for Containment Systems for CANDU Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-7E.pdf

R-8 Requirements for Shutdown Systems for CANDU Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-8E.pdf

R-9 Requirements for Emergency Core Cooling Systems for CANDU Nuclear Power Plants

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-9E.pdf

R-10 The Use of Two Shutdown Systems in Reactors

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-10E.pdf

R-77 Overpressure Protection Requirements for Primary Heat Transport Systems in CANDU Power Reactors Fitted with Two Shutdown Systems

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-77E.pdf

Regulation: *Class II Nuclear Facilities and Prescribed Equipment*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-205/153698.html>

CNSC Regulatory Documents

G-313 Radiation Safety Training Programs for Workers Involved in Licensed Activities with Nuclear Substances and Radiation Devices, and with Class II Nuclear Facilities and Prescribed Equipment

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-313_e.pdf

R-116 Requirements for Leak Testing Selected Sealed Radiation Sources

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-116E.pdf

Regulation: *Uranium Mines and Mills*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-206/154580.html>

CNSC Regulatory Documents

RD-353 Testing the Implementation of Emergency Measures

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-353-e.pdf
<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd353>

G-4 Measuring Airborne Radon Progeny at Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/44019-G4E.pdf

G-218 Preparing Codes of Practice to Control Radiation Doses at Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-218_e.pdf

G-221 A Guide to Ventilation Requirements for Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/44019-G221E.pdf

G-225 Emergency Planning at Class I Nuclear Facilities and Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G225_e.pdf

G-228 Developing and Using Action Levels

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G228_e.pdf

G-296 Environmental Protection Policies, Programs and Procedures at Class I Nuclear Facilities and Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-296_E.pdf

S-296 Environmental Protection Policies, Programs and Procedures at Class I Nuclear Facilities and Uranium Mines and Mills

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S-296_E.pdf

R-25 Preparation of a Quarterly Report on the Operation of a Uranium Refinery of Uranium Chemical Conversion Facility

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-25e.pdf

R-26 Preparation of a Quarterly Health Physics Compliance Report for a Uranium Fuel Fabrication Plan

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-26e.pdf

R-27 Preparation of an Annual Compliance Report for a Uranium Fuel Fabrication Plant

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-27e.pdf

R-89 The Preparation of Reports of a Significant Event at a Uranium Processing or Uranium Handling Facility

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-89e.pdf

Regulation: *Nuclear Substances and Radiation Devices*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-207/154139.html>

CNSC Regulatory Documents

G-121 Radiation Safety in Educational, Medical and Research Institutions

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G121_EE.pdf

G-229 Certification of Exposure Devices Operators

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-229_E.pdf

G-313 Radiation Safety Training Programs for Workers Involved in Licensed Activities with Nuclear Substances and Radiation Devices and with Class I Nuclear Facilities and Prescribed Equipment

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-313_e.pdf

S-260 Making Changes to Dose-Related Information Files with the National Dose Registry

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/S260_e.pdf

R-52 rev 1 Design Guide for Basic and Intermediate Level Radioisotope Laboratories

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-52e1.pdf

R-116 Requirements for Leak Testing Selected Sealed Radiation Sources

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-116E.pdf

R-117 Requirements for Gamma Radiation Survey Meter Calibration

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/R-117E.pdf

Regulation: *Packaging and Transport of Nuclear Substances*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-208/154290.html>

CNSC Regulatory Documents

RD-364 Joint Canada - United States Guide for Approval of Type B(U) and Fissile Material Transportation Packages

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-364-e.pdf

<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd364/>

G-208 Transportation Security Plans for Category I, II or III Nuclear Material

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G208_e.pdf

Regulation: *Nuclear Security*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-209/153978.html>

CNSC Regulatory Documents

RD-363 Nuclear Security Officer Medical, Physical, and Psychological Fitness

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/rd-363-e.pdf

<http://www.nuclearsafety.gc.ca/eng/lawsregs/regulatorydocuments/published/rd363>

G-274 Security Programs for Category I or II Nuclear Material or Certain Nuclear Facilities

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/G-274_e.pdf

P-325 Nuclear Emergency Management

http://www.nuclearsafety.gc.ca/pubs_catalogue/uploads/P-325_e.pdf

Regulation: *Nuclear Non-Proliferation Import and Export Control Regulations*

<http://laws.justice.gc.ca/en/n-28.3/sor-2000-210/153934.html>

CNSC Regulatory Documents

None

Regulation: *CNSC Cost Recovery Fees Regulations*

<http://laws.justice.gc.ca/en/n-28.3/sor-2003-212/153330.html>

CNSC Regulatory Documents

None