



# **Safety and Control Areas: Regulations and CNSC Document Listings**



Canadian Nuclear  
Safety Commission

Commission canadienne  
de sûreté nucléaire

Canada






## Table of Contents

Conventional Health and Safety .....	4
Regulations .....	4
CNSC Documents.....	4
Emergency Management and Fire Protection.....	4
Regulations .....	4
CNSC Documents.....	4
Environmental Protection .....	5
Regulations .....	5
CNSC Documents.....	5
Fitness for Service.....	6
Regulations .....	6
CNSC Documents.....	6
Human Performance Management .....	6
Regulations .....	6
CNSC Documents.....	7
Management System.....	7
Regulations .....	7
CNSC Documents.....	8
Operating Performance .....	8
Regulations .....	8
CNSC Documents.....	9
Other: Financial Guarantees .....	9
Regulations .....	9
CNSC Documents.....	9
Other: Licensee Public Information Program .....	9
Regulations .....	9
CNSC Documents.....	10
Packaging and Transport.....	10
Regulations .....	10
CNSC Documents.....	10








Physical Design.....	10
Regulations .....	10
CNSC Documents.....	11
Radiation Protection.....	11
Regulations .....	11
CNSC Documents.....	12
Safeguards.....	13
Regulations .....	13
CNSC Documents.....	13
Safety Analysis .....	13
Regulations .....	13
CNSC Documents.....	14
Security .....	14
Regulations .....	14
CNSC Documents.....	15
Waste Management.....	15
Regulations .....	15
CNSC Documents.....	16

## Conventional Health and Safety

### Regulations








Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Substances and Radiation Devices Regulations	
Uranium Mines and Mills Regulations	

### CNSC Documents








P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-299	Regulatory Fundamentals	
RD-360	Life Extension of Nuclear Power Plants	








## Emergency Management and Fire Protection

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Security Regulations	
Nuclear Substances and Radiation Devices Regulations	
Radiation Protection Regulations	
Uranium Mines and Mills Regulations	






### CNSC Documents

P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-211	Compliance	
G-225	Emergency Planning at Class I Nuclear Facilities and Uranium Mines and Mills	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-299	Regulatory Fundamentals	
















P-325	Nuclear Emergency Management	
G-306	Severe Accident Management Programs for Nuclear Reactors	
G-323	Ensuring the Presence of Sufficient Qualified Staff at Class I Nuclear Facilities - Minimum Staff Complement	
RD-310	Safety Analysis for Nuclear Power Plants	
RD-360	Life Extension of Nuclear Power Plants	
RD-346	Site Evaluation for New Nuclear Power Plants	
RD-353	Testing the Implementation of Emergency Measures	

## Environmental Protection

### Regulations






Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Substances and Radiation Devices Regulations	
Uranium Mines and Mills Regulations	

### CNSC Documents




















P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-223	Protection of the Environment	
G-228	Developing and Using Action Levels	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-299	Regulatory Fundamentals	
G-296	Developing Environmental Protection Policies, Programs and Procedures at Class I Nuclear Facilities and Uranium Mines and Mills	
S-296	Environmental Protection Policies, Programs and Procedures at Class I Nuclear Facilities and Uranium Mines and Mills	
G-320	Assessing the Long Term Safety of Radioactive Waste Management	
RD-360	Life Extension of Nuclear Power Plants	
RD-337	Design of New Nuclear Power Plants	
RD-346	Site Evaluation for New Nuclear Power Plants	
RD/GD-120	Licence Application Guide - Radiotherapy	

## Fitness for Service

### Regulations


Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Substances and Radiation Devices Regulations	
Uranium Mines and Mills Regulations	







### CNSC Documents

R-10	The Use of Two Shutdown Systems in Reactors	
R-7	Requirements for Containment Systems for CANDU Nuclear Power Plants	
R-8	Requirements for Shutdown Systems for CANDU Nuclear Power Plants	
R-9	Requirements for Emergency Core Cooling Systems for CANDU Nuclear Power Plants	
P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
G-276	Human Factors Engineering Program Plans	
G-278	Human Factors Verification and Validation Plans	
P-299	Regulatory Fundamentals	
S-98 rev 1	Reliability Programs for Nuclear Power Plants	
G-306	Severe Accident Management Programs for Nuclear Reactors	
S-210	Maintenance Programs for Nuclear Power Plants	
RD-360	Life Extension of Nuclear Power Plants	
RD-337	Design of New Nuclear Power Plants	
RD/GD-254	Application Guide – Certification of Radiation Devices or Class II Prescribed Equipment	
GD-327	Guidance for Nuclear Criticality Safety	






## Human Performance Management

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	






General Nuclear Safety and Control Regulations	
Nuclear Security Regulations	
Nuclear Substances and Radiation Devices Regulations	
Packaging and Transport of Nuclear Substances Regulations	
Radiation Protection Regulations	
Uranium Mines and Mills Regulations	

## CNSC Documents

P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
G-276	Human Factors Engineering Program Plans	
G-278	Human Factors Verification and Validation Plans	
P-299	Regulatory Fundamentals	
P-325	Nuclear Emergency Management	
S-106 rev 1	Technical and Quality Assurance Requirements for Dosimetry Services	
G-306	Severe Accident Management Programs for Nuclear Reactors	
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	
G-323	Ensuring the Presence of Sufficient Qualified Staff at Class I Nuclear Facilities - Minimum Staff Complement	
RD-204	Certification of Persons Working at Nuclear Power Plants	
RD-360	Life Extension of Nuclear Power Plants	
RD-363	Nuclear Security Officer Medical, Physical, and Psychological Fitness	
RD-337	Design of New Nuclear Power Plants	























## Management System

### Regulations

Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Security Regulations	
Nuclear Substances and Radiation Devices Regulations	
Packaging and Transport of Nuclear Substances Regulations	

Radiation Protection Regulations	
Uranium Mines and Mills Regulations	

## CNSC Documents

R-26	Preparation of a Quarterly Report on the Operation of a Uranium Refinery or Uranium Chemical Conversion Facility	
G-219	Decommissioning Planning for Licensed Activities	
P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-223	Protection of the Environment	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-290	Managing Radioactive Waste	
P-299	Regulatory Fundamentals	
P-325	Nuclear Emergency Management	
S-106 rev 1	Technical and Quality Assurance Requirements for Dosimetry Services	
G-306	Severe Accident Management Programs for Nuclear Reactors	
G-320	Assessing the Long Term Safety of Radioactive Waste Management	
G-323	Ensuring the Presence of Sufficient Qualified Staff at Class I Nuclear Facilities - Minimum Staff Complement	
RD-204	Certification of Persons Working at Nuclear Power Plants	
RD-360	Life Extension of Nuclear Power Plants	
RD-363	Nuclear Security Officer Medical, Physical, and Psychological Fitness	
RD-353	Testing the Implementation of Emergency Measures	
RD-337	Design of New Nuclear Power Plants	
RD-336	Accounting and Reporting of Nuclear Material	
RD/GD-120	Licence Application Guide - Radiotherapy	













## Operating Performance

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Security Regulations	


Nuclear Substances and Radiation Devices Regulations	
Radiation Protection Regulations	
Uranium Mines and Mills Regulations	

### **CNSC Documents**




R-26	Preparation of a Quarterly Report on the Operation of a Uranium Refinery or Uranium Chemical Conversion Facility	
P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-299	Regulatory Fundamentals	
P-325	Nuclear Emergency Management	
G-306	Severe Accident Management Programs for Nuclear Reactors	
G-323	Ensuring the Presence of Sufficient Qualified Staff at Class I Nuclear Facilities - Minimum Staff Complement	
RD-360	Life Extension of Nuclear Power Plants	
RD-336	Accounting and Reporting of Nuclear Material	

### **Other: Financial Guarantees**

#### **Regulations**


Class I Nuclear Facilities Regulations	
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#### **CNSC Documents**




G-206	Financial Guarantees for the Decommissioning of Licensed Activities	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
RD-360	Life Extension of Nuclear Power Plants	

### **Other: Licensee Public Information Program**

#### **Regulations**






Class I Nuclear Facilities Regulations	
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## CNSC Documents











G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
G-217	Licensee Public Information Programs	
RD-360	Life Extension of Nuclear Power Plants	

## Packaging and Transport

### Regulations






Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Substances and Radiation Devices Regulations	
Packaging and Transport of Nuclear Substances Regulations	

## CNSC Documents

P-242	Considering Cost-benefit Information	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-208	Transportation Security Plans for Category I, II or III Nuclear Material	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-299	Regulatory Fundamentals	
RD-360	Life Extension of Nuclear Power Plants	
RD-364	Joint Canada - United States Guide for Approval of Type B(U) and Fissile Material Transportation Packages	
RD-336	Accounting and Reporting of Nuclear Material	
RD/GD-254	Application Guide – Certification of Radiation Devices or Class II Prescribed Equipment	
























## Physical Design

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Security Regulations	
Nuclear Substances and Radiation Devices Regulations	


Uranium Mines and Mills Regulations	
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## CNSC Documents

R-10	The Use of Two Shutdown Systems in Reactors	
R-7	Requirements for Containment Systems for CANDU Nuclear Power Plants	
R-8	Requirements for Shutdown Systems for CANDU Nuclear Power Plants	
R-9	Requirements for Emergency Core Cooling Systems for CANDU Nuclear Power Plants	
P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
G-149	Computer Programs Used in Design and Safety Analyses of Nuclear Power Plants and Research Reactors	
P-211	Compliance	
G-225	Emergency Planning at Class I Nuclear Facilities and Uranium Mines and Mills	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
G-276	Human Factors Engineering Program Plans	
G-278	Human Factors Verification and Validation Plans	
P-299	Regulatory Fundamentals	
S-98 rev 1	Reliability Programs for Nuclear Power Plants	
G-144	Trip Parameter Acceptance Criteria for the Safety Analysis of CANDU Nuclear Power Plants	
G-306	Severe Accident Management Programs for Nuclear Reactors	
S-210	Maintenance Programs for Nuclear Power Plants	
RD-310	Safety Analysis for Nuclear Power Plants	
RD-360	Life Extension of Nuclear Power Plants	
RD-337	Design of New Nuclear Power Plants	
RD-346	Site Evaluation for New Nuclear Power Plants	
GD-327	Guidance for Nuclear Criticality Safety	



















## Radiation Protection

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	

General Nuclear Safety and Control Regulations	
Nuclear Substances and Radiation Devices Regulations	
Radiation Protection Regulations	
Uranium Mines and Mills Regulations	

## CNSC Documents














G-121	Radiation Safety in Educational, Medical and Research Institutions	
P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-223	Protection of the Environment	
G-228	Developing and Using Action Levels	
P-211	Compliance	
G-225	Emergency Planning at Class I Nuclear Facilities and Uranium Mines and Mills	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
G-147	Radiobioassay Protocols for Responding to Abnormal Intakes of Radionuclides	
G-221	A Guide to Ventilation Requirements for Uranium Mines and Mills	
G-91	Ascertaining and Recording Radiation Doses to Individuals	
G-4	Measuring Airborne Radon Progeny at Uranium Mines and Mills	
G-218	Preparing Codes of Practice to Control Radiation Doses at Uranium Mines and Mills	
S-260	Making Changes to Dose-Related Information Filed with the National Dose Registry	
P-299	Regulatory Fundamentals	
S-106 rev 1	Technical and Quality Assurance Requirements for Dosimetry Services	
G-306	Severe Accident Management Programs for Nuclear Reactors	
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	
RD-360	Life Extension of Nuclear Power Plants	
RD-58	Thyroid Screening for Radioiodine	
RD-337	Design of New Nuclear Power Plants	
RD-346	Site Evaluation for New Nuclear Power Plants	
GD-150	Designing and Implementing a Bioassay Program	
RD/GD-254	Application Guide – Certification of Radiation Devices or Class II Prescribed Equipment	

## Safeguards

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Non-Proliferation Import and Export Control Regulations	
Nuclear Security Regulations	
Nuclear Substances and Radiation Devices Regulations	
Uranium Mines and Mills Regulations	

### CNSC Documents

P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-208	Transportation Security Plans for Category I, II or III Nuclear Material	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-299	Regulatory Fundamentals	
RD-360	Life Extension of Nuclear Power Plants	
RD-336	Accounting and Reporting of Nuclear Material	
GD-336	Guidance for Accounting and Reporting of Nuclear Material	
RD/GD-254	Application Guide – Certification of Radiation Devices or Class II Prescribed Equipment	
RD-321	Criteria for Physical Protection Systems and Devices at High-Security Sites	
RD-361	Criteria for Explosive Substance Detection, X-ray Imaging, and Metal Detection Devices at High-Security Sites.	






















## Safety Analysis

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Security Regulations	
Nuclear Substances and Radiation Devices Regulations	
Packaging and Transport of Nuclear Substances Regulations	

Uranium Mines and Mills Regulations	
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## CNSC Documents

R-10	The Use of Two Shutdown Systems in Reactors	
R-7	Requirements for Containment Systems for CANDU Nuclear Power Plants	
R-8	Requirements for Shutdown Systems for CANDU Nuclear Power Plants	
R-9	Requirements for Emergency Core Cooling Systems for CANDU Nuclear Power Plants	
P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
G-149	Computer Programs Used in Design and Safety Analyses of Nuclear Power Plants and Research Reactors	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
G-276	Human Factors Engineering Program Plans	
G-278	Human Factors Verification and Validation Plans	
P-299	Regulatory Fundamentals	
S-294	Probabilistic Safety Assessment (PSA) for Nuclear Power Plants	
S-98 rev 1	Reliability Programs for Nuclear Power Plants	
G-144	Trip Parameter Acceptance Criteria for the Safety Analysis of CANDU Nuclear Power Plants	
G-306	Severe Accident Management Programs for Nuclear Reactors	
RD-310	Safety Analysis for Nuclear Power Plants	
RD-360	Life Extension of Nuclear Power Plants	
RD-337	Design of New Nuclear Power Plants	
GD-327	Guidance for Nuclear Criticality Safety	

















## Security

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Non-Proliferation Import and Export Control Regulations	
Nuclear Security Regulations	






Nuclear Substances and Radiation Devices Regulations	
Packaging and Transport of Nuclear Substances Regulations	
Radiation Protection Regulations	
Uranium Mines and Mills Regulations	

## CNSC Documents

P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-274	Security Programs for Category I or II Nuclear Material or Certain Nuclear Facilities	
G-208	Transportation Security Plans for Category I, II or III Nuclear Material	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
G-205	Entry to Protected and Inner Areas	
P-299	Regulatory Fundamentals	
RD-360	Life Extension of Nuclear Power Plants	
RD-363	Nuclear Security Officer Medical, Physical, and Psychological Fitness	
RD-346	Site Evaluation for New Nuclear Power Plants	
RD/GD-120	Licence Application Guide - Radiotherapy	
RD/GD-254	Application Guide – Certification of Radiation Devices or Class II Prescribed Equipment	
RD-321	Criteria for Physical Protection Systems and Devices at High-Security Sites	
RD-361	Criteria for Explosive Substance Detection, X-ray Imaging, and Metal Detection Devices at High-Security Sites.	

## Waste Management

### Regulations

Class I Nuclear Facilities Regulations	
Class II Nuclear Facilities and Prescribed Equipment Regulations	
General Nuclear Safety and Control Regulations	
Nuclear Substances and Radiation Devices Regulations	
Uranium Mines and Mills Regulations	

## CNSC Documents

G-219	Decommissioning Planning for Licensed Activities	
P-242	Considering Cost-benefit Information	
P-119	Policy on Human Factors	
P-223	Protection of the Environment	
P-211	Compliance	
S-99	Reporting Requirements for Operating Nuclear Power Plants	
G-273	Making, Reviewing and Receiving Orders under the Nuclear Safety and Control Act	
P-290	Managing Radioactive Waste	
P-299	Regulatory Fundamentals	
G-320	Assessing the Long Term Safety of Radioactive Waste Management	
RD-360	Life Extension of Nuclear Power Plants	
RD-337	Design of New Nuclear Power Plants	
RD-336	Accounting and Reporting of Nuclear Material	