

## “CURRENT” REGULATORY DOCUMENTS

POLICY	SERVICE LINES →	Uranium Mines and Mills	Uranium Processing Facilities	Nuclear Power Plants	Nuclear Research and Test Establish- ments	Non- Power Reactors	Nuclear Substance Processing Plants - Class IB Facilities	Waste Management Facilities- Class IB Facilities	Particle Accelerators		Irradiators - Class II Facilities	Nuclear Substances and Radiation Devices (Class II Equipment)	Packaging and Transport	Dosimetry Services	
STANDARD									Class IB Facilities	Class II Facilities					
GUIDE	PROGRAMS														
SAFETY AREAS ↓	↓														
1. Operating Performance	Organization and Plant Management		R-89, R-27 R-25, R-26	S-99											
	G-217														
	Operations														
	Occupational Health and Safety (non radiological)														
2. Performance Assurance	Quality Management													S-106	
	Human Factors G-278, G-276														
	Training											G-229			
3. Design and Analysis	Safety Analysis			G-149		G-149									
	Safety Issues														
	Design			R-7, R-8, R-9 R-10, R-77			R-72					R-52			
4. Equipment Fitness for Service	Maintenance											R-117			
	Structural Integrity														
	Reliability			S-294, S-98											
	Equipment Qualification														
5. Emergency Preparedness		G-225													
6. Environmental Performance	Environmental Management Systems														
	Effluent and Environmental Monitoring														
7. Radiation Protection	Personnel Exposure	S-260													
		G-91, G-129, G-228													
		G-147									G-147				
		G-218, G-4, G-221		R-105, R-100			R-58						R-58		
			R-58		R-58						G-121				
	Plant Waste Management	P-290													
		R-85													
8. Site Security				G-205, G-274										G-208	
9. Safeguards															
10. Regulatory	General	G-273													
		G-219, G-206													
										R-71				R-116	R-116
		P-211, P-223, P-242, P-119, P-299													

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### **Document Number and Title**

#### **Regulatory Policies**

P-119	Policy on Human Factors
P-211	Compliance
P-223	Protection of the Environment
P-242	Considering Cost-Benefit Information
P-290	Managing Radioactive Waste
P-299	Regulatory Fundamentals

#### **Regulatory Standards**

S-98	Reliability Programs for Nuclear Power Plants
S-99	Reporting Requirements for Operating Nuclear Power Plants
S-106	Technical and Quality Assurance Standards for Dosimetry Services in Canada
S-260	Making Changes to Dose-Related Information Filed with the National Dose Registry
S-294	Probabilistic Safety Assessment (PSA) for Nuclear Power Plants
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
R-25	Preparation of a Quarterly Report on the Operation of a Uranium Refinery or Uranium Chemical Conversion Facility
R-26	Preparation of a Quarterly Health Physics Compliance Report for a Uranium Fuel Fabrication Plant
R-27	Preparation of an Annual Compliance Report for a Uranium Fuel Fabrication Plant
R-52	Design Guide for Basic and Intermediate Level Radioisotope Laboratories
R-58	Bioassay Requirements for I-125 and I-131 in Medical, Teaching and Research Institutions
R-89	The Preparation of Reports of a Significant Event at a Uranium Processing or Uranium Handling Facility
R-116	Requirements for Leak Testing Selected Sealed Radiation Sources
R-117	Requirements for Gamma Radiation Survey Meter Calibration

#### **Regulatory Guides**

G-4	Measuring Airborne Radon Progeny at Uranium Mines and Mills
G-91	Ascertaining and Recording Radiation Doses to Individuals
G-121	Radiation Safety in Educational, Medical and Research Institutions
G-129 rev.1	Guidelines on How to Meet the Requirement to Keep All Exposures As Low As Reasonably Achievable
G-141	Licence Application Guide for Laboratory Studies: Licensed Activities 836, 837, and 838

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- G-147 Radiobioassay Protocols for Responding to Abnormal Intakes of Radionuclides
- G-149 Computer Programs Used in Design and Safety Analyses of Nuclear Power Plants and Research Reactors
- G-205 Entry to Protected and Inner Areas
- G-206 Financial Guarantees for the Decommissioning of Licensed Activities
- G-208 Transportation Security Plans for Category I, II or III Nuclear Material
- G-217 Licensee Public Information Programs
- G-218 Preparing Codes of Practice to Control Radiation Doses at Uranium Mines and Mills
- G-219 Decommissioning Planning for Licensed Activities
- G-221 A Guide to Ventilation Requirements for Uranium Mines and Mills
- G-225 Emergency Planning at Class I Nuclear Facilities and Uranium Mines and Mills
- G-228 Developing and Using Action Levels
- G-229 Certification of Exposure Device Operators
- G-273 Making, Reviewing and Receiving Orders under the *Nuclear Safety and Control Act*
- G-274 Security Programs for Category I or II Nuclear Materials or Certain Nuclear Facilities
- G-276 Human Factors Engineering Program Plans
- G-278 Human Factors Verification and Validation Plans
- R-10 The Use of Two Shutdown Systems in Reactors
- R-71 Deep Geological Disposal of Nuclear Fuel Waste: Background Information and Regulatory Requirements Regarding the Concept Assessment Phase
- R-72 Geological Considerations in Siting a Repository for Underground Disposal of High-Level Radioactive Waste
- R-77 Overpressure Protection Requirements for Primary Heat Transport Systems in CANDU Power Reactors Fitted with Two Shutdown Systems
- R-85 Radiation Protection Requisites for the Exemption of Certain Radioactive Materials from Further Licensing Upon Transferral for Disposal
- R-100 The Determination of Effective Doses from the Intake of Tritiated Water
- R-105 The Determination of Radiation Doses from the Intake of Tritium Gas