

10 CFR/12VAC5-481 COMPARISON

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37.23	451 B 2	Access authorization program requirements	
37.25	451 B 3	Background investigations	
37.27	451 B 4	Requirements for criminal history records checks of individuals granted unescorted access to category 1 or category 2 quantities of radioactive material	
37.29	451 B 5	Relief from fingerprinting, identification, and criminal history records checks and other elements of background investigations for designated categories of individuals permitted unescorted access to certain radioactive material	
37.31	451 B 6	Protection of information	
37.33	451 B 7	Access authorization program review	
37.41	451 C 1	Security program	
37.43	451 C 2	General security program requirements	
37.45	451 C 3	LLEA coordination	
37.47	451 C 4	Security zones	

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10 CFR	12 VAC	TITLE	COMMENTS
37.49	451 C 5	Monitoring, detection, and assessment	
37.51	451 C 6	Maintenance and testing	
37.53	451 C 7	Requirements for mobile devices	
37.55	451 C 8	Security program review	
37.57	451 C 9	Reporting of events	
37.71	451 D 1	Additional requirements for transfer of category 1 and category 2 quantities of radioactive material	
37.73	451 D 2	Applicability of physical protection of category 1 and category 2 quantities of radioactive material during transit	
37.75	451 D 3	Preplanning and coordination of shipment of category 1 or category 2 quantities of radioactive material	
37.77	451 D 4	Advance notification of shipment of category 1 quantities of radioactive material	
37.79	451 D 5	Requirements for physical protection of category 1 and category 2 quantities of radioactive material during shipment	
37.81	451 D 6	Reporting of events	
37.101	451 E 1	Form of records	
37.103	451 E 2	Record retention	
37.105	110	Inspections	
37.107	110	Violations	
37.109	110	Criminal Penalties	
10 CFR 39			
39.1	3140/3150	Purpose and scope	
39.2	10	Definitions	
39.11	450	Application for a specific license	
39.13	3151	Specific license for well logging	
39.15	3160	Agreement with well owner or operator	
39.17		Request for written statements	
39.31	3190/3250/3300	Labels, security, and transportation precautions	
39.33	3200	Radiation detection instruments	
39.35	3210	Leak testing of sealed sources	
39.37	3220	Physical inventory	

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10 CFR	12 VAC	TITLE	COMMENTS
39.39	3230	Records of material use	
39.41	3240	Design and performance criteria for sources	
39.43	3260	Inspection, maintenance, and opening of a source or source holders	
39.45	3320	Subsurface tracer studies	
39.47	3261	Radioactive markers	
39.49	3262	Uranium sinker bars	
39.51	3240	Use of a sealed source in a well without a surface casing	
39.53	3240	Energy compensation source	
39.55		Tritium neutron generator target sources	
39.61	3270	Training	
39.63	3280	Operating and emergency procedures	
39.65	3290	Personnel monitoring	
39.67	3340	Radiation surveys	
39.69		Radioactive contamination control	
39.71		Security	
39.73	3350	Documents and records required at field stations	
39.75	3360	Documents and records required at temporary jobsites	
39.77	3370	Notification of incidents and host sources, abandonment procedures for irretrievable sources	
39.91		Application for exemptions	
39.101	110	Violations	
39.103	110	Criminal penalties	
10 CFR 40			
40.1	380	Purpose and scope	
40.2	380	Purpose and scope	
40.2a		Coverage of inactive tailings sites	
40.3	380	Purpose and scope	
40.4	10	Definitions	
40.5	150	Communications	
40.6		Interpretations	
40.7		Employee protection	
40.8		Information collection requirements: OMB approval	

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10 CFR	12 VAC	TITLE	COMMENTS
40.9		Completeness and accuracy of information	
40.10	30	Deliberate misconduct	
40.11	90	U.S. DOE and NRC contractors	
40.12	390 A	Exemptions of source material	
40.13	390 B-D	Exemptions of source material	
40.14	90	Specific exemptions	
40.20	410	Types of licenses	
40.21	420 B	General license authorizing receipt of title to source material	
40.22	420 A	Small quantities of source material	
40.23		General license for carriers of transient shipments of natural uranium other than in the form of ore or ore residue	NRC
40.24		Reserved	
40.25	420 C	General license relating to depleted uranium in industrial products and devices	
40.26		General license for possession and storage of byproduct material as defined in this part	NRC
40.27		General license for custody and long-term care of residual radioactive material disposal sites	NRC
40.28		General license for custody and long-term care of uranium or thorium byproduct materials disposal sites	NRC
40.31		Filing application for specific licenses	NRC
40.32	450	General requirements for the issuance of specific licenses	
40.33		Issuance of a license for a uranium enrichment facility	NRC
40.34	480 K	Requirements for license to manufacture and distribute industrial products containing depleted uranium for mass-volume applications	
40.35	480 K	Requirements for license to manufacture and distribute industrial products containing depleted uranium for mass-volume applications	
40.36	450 C	Financial assurance and records for decommissioning	
40.38		Ineligibility of certain applicants	NRC
40.41	500	Specific terms and conditions of licenses	
40.42	510	Expiration and termination of licenses and decommissioning of sites and separate buildings or outdoor areas	
40.43	520	Renewal of licenses	
40.44	530	Amendment of licenses at request of licensee	

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10 CFR	12 VAC	TITLE	COMMENTS
40.45	540	Agency action on applications to renew or amend	
40.46	500	Specific terms and conditions of licenses	
40.51	570	Transfer of material	
40.54	421 A	Requirements for license to initially transfer source material for use under the 'small quantities of source material' general license.	
40.55	421 B	Conditions of licenses to initially transfer source material for use under the 'small quantities of source material' general license: Quality control, labeling, safety instructions, and records and reports.	
40.60	1110	Reporting requirements	
40.61	100	Records	
40.62	110	Inspections	
40.63	180	Tests	
40.64		Reports	NRC
40.65		Effluent monitoring reporting requirements	NRC
40.66		Requirements for advance notice of export shipments of natural uranium	NRC
40.67		Requirement for advance notice for importation of natural uranium from countries that are not party to the Convention on the Physical Protection of Nuclear Materials	NRC
40.71	580	Modification and revocation of licenses	
40.81	110	Enforcement	
40.82	110	Criminal penalties	
Appendix A		Criteria relating to the operation of uranium mills and the disposition of tailings or wastes produced by the extraction or concentration of source material from ores processed primarily for their source material content	NRC
10 CFR 61		Licensing requirements for land disposal of radioactive waste	
61.1	2330	Purpose and scope	
61.2	10	Definitions	
61.3	2340	License required	
61.4	150	Communications	
61.5		Interpretations	
61.6	90	Exemptions	
61.7		Concepts	
61.8		Information collection requirements: OMB	

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10 CFR	12 VAC	TITLE	COMMENTS
61.9	30	Employee protection	61.96 Deliberate Misconduct
61.10	2350	Content of application	
61.11	2360	General information	
61.12	2370	Specific technical information	
61.13	2380	Technical analyses	
61.14	2390	Institutional information	
61.15	2400	Financial information	
61.16		Other information	NRC
61.20		Filing and distribution of application	
61.21		Elimination of repetition	
61.22		Updating of application	
61.23	2410	Requirements for issuance of a license	
61.24	2420	Conditions of licenses	
61.25		Changes	
61.26		Amendment of license	
61.27	2430	Application for renewal or closure	
61.28	2440	Contents of application for closure	
61.29	2450	Post-closure observation and maintenance	
61.30	2460	Transfer of license	
61.31	2470	Termination of license	
61.40	2480	General requirements	
61.41	2490	Protection of the general population from releases of radioactivity	
61.42	2500	Protection of individuals from inadvertent intrusion	
61.43	2510	Protection of individuals during operations	
61.44	2520	Stability of the disposal site after closing	
61.50	2530	Disposal site suitability requirements for land disposal	
61.51	2540	Disposal site design for land disposal	
61.52	2550	Land disposal facility operation and disposal site closure	
61.53	2560	Environmental monitoring	
61.54	2570	Alternative requirements for design and operations	
61.55	2571	Waste classification	
61.56	2572	Waste characteristics	

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10 CFR	12 VAC	TITLE	COMMENTS
61.57	2573	Labeling	
61.58	2590	Alternative requirements for waste classification and characteristics	
61.59	2580	Institutional requirements	
61.61	2600	Application qualifications and assurances	
61.62	2610	Funding for disposal site closure and stabilization	
61.63	2620	Financial assurances for institutional controls	
61.70		Scope	
61.71		State and tribal government consultation	
61.72		Filing of proposals for State and Tribal participation	
61.73		Commission approval of proposals	
61.80	2630	Maintenance of records, reports and transfers	
61.81	2640	Tests at land disposal facilities	
61.82	2650	Agency inspections of land disposal facilities	
61.83	110	Violations	
61.84	110	Criminal penalties	
10 CFR 70			
70.1	380	Purpose and scope	
70.2	380	Purpose and scope	
70.3	380	License requirements	
70.4	10	Definitions	
70.5	150	Communications	NRC
70.6		Interpretations	NRC
70.7	2310	Request by workers for an inspection	
70.8		Information collection requirements: OMB approval	NRC
70.9		Completeness and accuracy of information	NRC
70.10	30	Deliberate misconduct	
70.11	90	U.S. DOE and NRC contractors	
70.12	400 G	Exemptions from the regulatory requirements (1) General Exemptions	
70.13		Department of Defense	NRC
70.14		Foreign military aircraft	NRC
70.17	90	Exemptions from the regulatory requirements (1) General	

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10 CFR	12 VAC	TITLE	COMMENTS
70.18	410	Types of licenses	
70.19	430 F	General license relating to calibration and reference sources	
70.20	430 E	General license relating to ownership of radioactive material	
70.20a		General license to possess special nuclear material for transport	NRC
70.20b		General license for carriers of transient shipments of formula quantities of strategic special nuclear material, special nuclear material of moderate strategic significance, special nuclear material of low strategic significance, and irradiated reactor fuel	NRC
70.21		Filing	NRC
70.22		Contents of applications	NRC
70.23	450	General requirements for the issuance of specific licenses	
70.23a		Hearing required for uranium enrichment facility	NRC
70.24		Criticality accident requirements	NRC
70.25	450 C	Financial assurance and records for decommissioning	
70.31	490	Issuance of specific licenses	
70.32	500	Specific terms and conditions of licenses	
70.33	520	Renewal of licenses	
70.34	530	Amendment of licenses at request of licensee	
70.35	540	Agency action on applications to renew or amend	
70.36	500	Specific terms and conditions of licenses	
70.37		Disclaimer of warranties	NRC
70.38	510	Expiration and termination of licenses and decommissioning of sites and separate buildings or outdoor areas	
70.39	480 E	Special requirements for license to manufacture calibration or reference sources containing americium-241, plutonium or radium-226 for distribution to persons generally licensed under s. HFS 157.11 (2) (e)	
70.40		Ineligibility of certain applicants	NRC
70.41	500	Specific terms and conditions of licenses	
70.42	570	Transfer of material	
70.44		Creditor regulations	NRC
70.50	1110	Reports	
70.51	571	Records	
70.52		Reports of accidental criticality or loss or theft or attempted theft of special nuclear material	NRC

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10 CFR	12 VAC	TITLE	COMMENTS
70.53		Material status reports	NRC
70.54		Nuclear material status reports	NRC
70.55	110	Inspections	
70.56	180	Tests	
70.57		Measurement control programs for special nuclear materials control and accounting	NRC
70.58		Fundamental nuclear material controls	NRC
70.59		Effluent monitoring reporting requirements	NRC
70.60		Applicability	NRC
70.61		Performance requirements	NRC
70.62		Safety program and integrated safety analysis	NRC
70.64		Requirements for new facilities or new processes at existing facilities	NRC
70.65		Additional content of application	NRC
70.66		Additional requirements for approval of license application	NRC
70.72		Facility changes and change process	NRC
70.74		Additional reporting requirements	NRC
70.76		Backfitting	NRC
70.81	580	Modification and revocation of licenses	
70.82		Suspension and operation in war or national emergency	NRC
70.91	110	Enforcement	
70.92	110	Criminal penalties	
10 CFR 71			
71.0	2950	Purpose and scope	
71.1	150	Communications and records	
71.2		Interpretations	
71.3	2960	Requirement for license	
71.4	10	Definitions	
71.5	2980	Transportation of licensed material	
71.6		Information collection requirements: OMB approval	
71.7		Completeness and accuracy of information	
71.8	30	Deliberate misconduct	
71.9		Employee protection	

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10 CFR	12 VAC	TITLE	COMMENTS
71.10		Public inspection of application	
71.11		Reserved	
71.12	90	Specific exemptions	
71.13	2970 D	Exemption of physicians	
71.14	2970 B	Exemption for low-level materials	
71.15	2970 C	Exemption from classification as fissile material	
71.16		Reserved	
71.17	3000	General license: NRC-approved package	
71.18		Reserved	
71.19			
71.20	3020	General license: DOT specification container	
71.21	3030	General license: Use of foreign approved package	
71.22	3040	General license: Fissile material	
71.23	3051	General license: Plutonium-beryllium special form material	
71.24		Reserved	
71.25		Reserved	
71.31		Contents of application	NRC
71.33		Package description	NRC
71.35		Package evaluation	NRC
71.37		Quality assurance	NRC
71.38		Renewal of a certificate of compliance or quality assurance program approval	NRC
71.39		Requirement for additional information	NRC
71.41		Demonstration of compliance	NRC
71.43		General standards for all packages	NRC
71.45		Lifting and tie-down standards for all packages	NRC
71.47	3080.10	External radiation standards for all packages	IR
71.51		Additional requirements for Type B packages	NRC
71.53		Reserved	
71.55		General requirements for fissile material packages	NRC
71.57		Reserved	NRC
71.59		Standards for arrays of fissile material packages	NRC
71.61		Special requirements for Type B packages containing more than 10 ⁵ A ₂	NRC
71.63		Special requirements for plutonium shipments	NRC

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10 CFR	12 VAC	TITLE	COMMENTS
71.64		Special requirements for plutonium air shipments	NRC
71.65		Additional requirements	NRC
71.71		Normal conditions of transport	NRC
71.73		Hypothetical accident conditions	NRC
71.74		Accident conditions for air transport of plutonium	NRC
71.75		Qualification of special form radioactive material	NRC
71.77		Qualification of LSA-III material	NRC
71.81		Transportation of licensed material	NRC
71.83	3060	Assumptions as to unknown properties of fissile material	
71.85	3070	Preliminary determinations	
71.87	3090	Routine determinations	
71.88	3090	Air transport of plutonium	
71.89	3091	Opening instructions	
71.91	3100	Shipment records	
71.93		Inspections and tests	
71.95	3110	Reports	
71.97	3120	Advance notification of transport of nuclear waste	
71.99	110	Enforcement	
71.100	110	Criminal penalties	
71.101	3130	Quality assurance requirements	
71.103	3130	Quality assurance organization	
71.105	3130	Quality assurance program	
71.107		Package design control	
71.109		Procurement document control	
71.111		Inspections, procedures and drawings	
71.113		Document control	
71.115		Control of purchased material, equipment and services	
71.117		Identification and control of materials, parts and components	
71.119		Control of special processes	
71.121		Internal inspection	
71.123		Test control	
71.125		Control of measuring and test equipment	
71.127		Handling, storage and shipping control	

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10 CFR	12 VAC	TITLE	COMMENTS
71.129		Inspection, test and operating status	
71.131		Nonconforming materials, parts or components	
71.133		Corrective action	
71.135		Quality assurance requirements	
71.137		Audits	
Appendix A	3770	Determination of A₁ and A₂	
10 CFR 150			
150.1		Purpose	
150.2		Scope	
150.3	10	Definitions	
150.4		Communications	
150.5		Interpretations	
150.7		Persons in offshore waters not exempt	
150.8		Information collection requirements: OMB approval	
150.10		Persons exempt	
150.11	10	Definitions	
150.14		Commission regulatory authority for physical protection	
150.15		Persons not exempt	
150.15a		Continued Commission authority pertaining to byproduct material	
150.16		Submission to Commission of nuclear material transfer reports	
150.17		Submission to Commission of source material reports	
150.17a		Compliance with requirements of US/IAEA safeguards agreement	
150.19		Submission to Commission of tritium reports	
150.20	590	Reciprocity	
150.21		Transportation of special nuclear material by aircraft	
150.30		Enforcement	
150.31		Requirements for agreement state regulation of byproduct material	
150.32		Funds for reclamation or maintenance of byproduct material	
150.33		Criminal penalties	