10 CFR Part 71: Compatibility with the International Atomic Energy Agency (60 FR 50248 & 61 FR 28724) **RATS ID 1996-1** Effective 4/1/96

Change to NRC Section	Title	State Section	Compatibility Category	Summary of Change	Difference Yes/No	Significant Yes/No	If Difference, Why or Why Not Was a Comment Generated				
NEW PART 71PACKAGING AND TRANSPORTATION OF RADIOACTIVE MATERIAL											
Subpart A-	-General Provisions	s Sec.									
71.0 Purpo	71.0 Purpose and scope.										
71.1 Comn	nunications and rec	ords.									
71.2 Interp	retations.										
71.3 Requi	rement for license.										
71.4 Defini	tions.										
71.5 Trans	portation of license	d material.									
Subpart B-	-Exemptions										
71.6 Inform	nation collection rec	quirements:	OMB approval.								
71.7 Comp	leteness and accur	acy of infor	mation.								
71.8 Specit	fic exemptions.										
71.9 Exem	ption of physicians.										
71.10 Exer	nption for low-level	materials.									
71.11 [Res	erved]										
Subpart C	General Licenses	· · · · · · · · · · · · · · · · · · ·									
71.12 Gene	eral license: NRC-a	pproved pa	ickage.								
71.13 Prev	iously approved pa	ckage.	_								
71.14 Gene	eral license: DOT s	pecification	container.								
71.16 Gene	eral license: Use of	foreign app	proved package.								
71.18 Gene	eral license: Fissile	material, lir	nited quantity per	package.							
71.20 Gene	eral license: Fissile	material, lir	nited moderator p	er package.							
71.22 Gene	eral license: Fissile	material, lir	nited quantity, cor	trolled shipment.							
71.24 Gene	71.24 General license: Fissile material, limited moderator, controlled shipment.										
Subpart D-	Subpart DApplication for Package Approval										
71.31 Cont	ents of application.										
71.33 Pack	age description.										
71.35 Pack	age evaluation.										
71.37 Quai	ity assurance.										
71.30 Kene	irement for additio	nal informat	tion	nance program approval.							

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Subpart E-	Subpart EPackage Approval Standards 71.41 Demonstration of compliance.										
71 43 Gene	71.41 Demonstration of compliance. 71.43 General standards for all packages										
71.45 L iftin	a and tie-down star	ndards for a	Il packages								
71.47 Exte	rnal radiation stand	ards for all	packages.								
71.51 Addit	tional requirements	for Type B	packages.								
71.52 Exen	nption for low-speci	ific-activity (LSA) packages.								
71.53 Fissi	le material exempti	ons.									
71.55 Gene	eral requirements for	or fissile ma	terial packages.								
71.57 [Res	erved]										
71.59 Stan	dards for arrays of	fissile mate	rial packages.								
71.61 Spec	cial requirement for	irradiated n	uclear fuel shipm	ents.							
71.63 Spec	cial requirements fo	r plutonium	shipments.								
71.64 Spec	cial requirements fo	r plutonium	air shipments.								
71.65 Addit	tional requirements	<u>.</u>	- · ··· -								
Subpart F	Package, Special I	Form, and L	SA-III Tests								
71.71 Norm	hal conditions of tra	insport.									
71.73 Hypc	othetical accident co	onditions.	the first state in the sec								
71.74 ACCIO	dent conditions for a	air transpor	t of plutonium.								
71.75 Quai	ilication of special i	Votoriol Suk	cuve material.	a Controla and Brazaduraa							
71.77 Quai	incation of coording	vialenai Sul	phant GOperating	g Controls and Procedures							
71.01 Appli	icability of operating	y controls a	tios								
71.85 Preli	minary determinatio	nown piopei Sac	1103.								
71.87 Rout	ine determinations	5113.									
71.88 Air tr	ansport of plutoniu	m									
71.89 Ope	71.89 Opening instructions										
71.91 Reco	71.91 Records.										
71.93 Inspe	ection and tests.										
71.95 Repo	orts.										
71.97 Adva	ance notification of s	shipment of	irradiated reactor	fuel and nuclear waste.							
71.99 Viola	itions.	-									
71.100 Crir	minal penalties.										
Subpart H	Quality Assurance	e									

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71.101 Qua 71.103 Qua 71.105 Qua 71.107 Pao 71.109 Pro 71.111 Inst 71.113 Do 71.115 Cor 71.115 Cor 71.117 Idea 71.121 Inte 71.123 Tes 71.125 Cor 71.127 Har 71.129 Insj 71.131 Nor 71.135 Qua 71.135 Qua 71.137 Auc Appendix A	ality assurance requ ality assurance orga ality assurance orga ality assurance prog ckage design contro curement document fructions, procedure fructions, pr	uirements. anization. gram. ol. at control. es, and drav naterial, equ rol of materi esses. and test equ shipping c perating sta als, parts, o ords.	wings. uipment, and serv ials, parts, and co lipment. ontrol. tus. or components.	ices. mponents.			

Changes contained in 61 FR 28724 follow below

Change to NRC Section	Title	State Section	Compatibility Category	Summary of Change	Difference Yes/No	Significant Yes/No	If Difference, Why or Why Not Was a Comment Generated
§71.4	Definitions		В	Amended Definition: Low Specific Activity (LSA) material: (2) ***(ii) Material in which the radioactive material is distributed throughout, and the average specific activity does not exceed 10- 4 A ₂ /g for solids and gases, and 10- 5 A ₂ /g for liquids. (3) * * (i) The radioactive material is distributed throughout a solid or a collection of solid objects, or is essentially uniformly distributed in a solid compact binding agent (such as concrete, bitumen, ceramic, etc.); and *****			

Change to NRC Section	Title	State Section	Compatibility Category	Summary of Ch	ange	Difference Yes/No	Significant Yes/No	t If Difference, Why or Why Not Was a Comment Generated				
Table A-1 a. For the eb. For the ec. For the ec. For the ed. For the ee. For the ef. For the eg. For the eh. For the ei. For the ek. For the ek. For the el. For the em. For the en. For the ea. The entrep. For the eIn Appendix A*****Table A-2.	of Appendix A to I entry ``Ag-110m," C entry ``Am-242m," (entry ``Ar-39," Colur entry ``Br-82," Colur entry ``C-11," Colur ntry ``Cd-113m," C entry ``Cd-113m," C entry ``Cm-244," Cc entry ``Es-253," Colur nd Column A ₂ (Ci) ntry ``Eu-150," Colur ntry ``Eu-155," Colur entry ``Fe-59," Colur entry ``Fe-18," Co d Column A ₂ (Ci) is entry ``Gd-148," Co y for MFP is correct entry ``Pt-197m," Ce ix A to Part 71, Ta A to Part 71Detern	Part 71 is a column (TBc Column (Ci/g mn (TBq/g) mn A_1 (Ci) is olumn (TBq olumn A_1 (Ci) is olumn A_1 (Ci umn A_1 (Ci umn A_1 (TB is revised to umn (Ci/g) is olumn A_1 (T revised to read olumn (TBq/g) ted to read olumn (TBq/g ted to read olumn (TBq/g ted to read olumn (TBq/g	mended as follow q/g) is revised to read is revised to read is revised to read revised to read q/g) is revised to read q/g is revised to read q/g) is revised to read q/g	ws: ead ``1.8 x 10^2 ." ad ``1.0 x 10^1 ." ``1.3." ``10.8." .`27." ead ``8.3." ad ``108" and Column (Ci/ ad ``200," Column A ₁ (Ci ^{-1." ``1.6 x 10^6." .`4.9 x 10^2." ``3.5 x 1 10^6." 5.0 x 10^4." ead ``10," Column A₁ (Ci ad ``1.2" and Column (Ci/ n products, use formula for ead ``3.7 x 10^5." d to read as follows:}	g) is revised to) is revised to) is revised to g) is revised to or mixtures or	o read ``8.1 x ' read ``5400," (read ``270," C o read ``3.2 x ' table A-2."	10 ¹ .'' Column A ₂ (T olumn A ₂ (TE	ΓΒq) is revised to read ``2 8q) is revised to read ``8 x				
	 A <inf>1 A<inf>2</inf></inf>											
	Contents (Ci) (Tbq) (Tbq) (Ci)											
Only beta- Alpha-emit	Only beta- or gamma-emitting nuclides are known to be present. 0.2 5 0.02 0.5 Alpha-emitting nuclides are known to be present, or no relevant data are available 0.10 2.70 $2x10^{-5}$ $5.41x10^{-4}$											
Table A-3Activity-mass Relationships for Uranium												

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Table A-3	-Activity-mass Re	elationship	s for Uranium					
	richmont (CLID) 1			Specific	Activity			
0.45 0.72 1.0 1.5 5.0 10.0 20.0 35.0 50.0 90.0 93.0 95.0			1	TBq/g $.8 \times 10^{-8}$ $.6 \times 10^{-8}$ $.8 \times 10^{-8}$ $.7 \times 10^{-8}$ $.0 \times 10^{-7}$ $.8 \times 10^{-7}$ $.7 \times 10^{-7}$ $.4 \times 10^{-7}$ $.3 \times 10^{-7}$ $.2 \times 10^{-6}$ $.6 \times 10^{-6}$	Ci/g 5.0×10^{-7} 7.1×10^{-7} 7.6×10^{-7} 1.0×10^{-6} 2.7×10^{-6} 4.8×10^{-6} 1.0×10^{-5} 2.0×10^{-5} 2.5×10^{-5} 5.8×10^{-5} 7.0×10^{-5} 9.1×10^{-5}			