

SEP 10 1986

ALL AGREEMENT STATES

CHRONOLOGY OF AMENDMENTS TO BE CONSIDERED BY THE AGREEMENT STATES

Enclosed is the revised Chronology of Amendments to the HRC Regulations to be used by the Agreement States when amending their regulations. Those items marked with an '*' are matters of compatibility. Note that the July 16, 1986 amendments to 10 CFR Part 34 are a matter of compatibility. This determination had not been made previously. If you have any questions, contact Kathleen N. Schneider at 301-492-9893.

Original signed by:
D. Nussbaumer

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Office of Governmental and Public Affairs

Enclosure:
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Chrono of Amendments - KNS

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DATE	09/16/87 9d	09/16/87					

CHRONOLOGY

Amendments to be Considered
by Agreement States
(from September 1971.)

<u>Effective Date</u>	<u>10 CFR Part</u>	<u>Regulations ¹</u>	<u>Summary</u>
Sept. 24, 1971	20 30	Part C, Sch. B Part D, App. B	*Addition of an exempt quantity for Ba-133.
March 26, 1971	20 30 40 70 71	A.3 C.40 C.100 D.207	*Addition and modification of transport and packaging procedures.
Nov. 2, 1972	20	Part D, App. A	*Changes in values of radionuclides of all concentrations in air and water.
Sept. 17, 1973	19	Part J	*Requirements for notices, instructions and reports by licensees to workers, and options available to workers with regard to inspections.
Oct. 24, 1973	20 30 32	A.2(i) Part B, Sch. A Part D, App. A and App. B	*Change to abbreviations for "curie" and "micro-curie," and addition of definition for "milli-curie."
Jan. 10, 1974	31 32	C.22(i) C.28(h)	Authorization to use C-14 in <u>in vitro</u> clinical or laboratory tests.
March 11, 1974	30 31 40 70 150	C.40	*Requirement that suppliers must verify that customers are authorized to receive the material shipped.
July 29, 1974	30	A.2(i) Part D, App. A	*Special curie definitions and concentration values for U and Th.

*Compatibility Item.

¹ Refers to the Suggested State Regulations for Control of Radiation prepared by the Conference of Radiation Control Program Directors, Inc.

<u>Effective Date</u>	<u>10 CFR Part</u>	<u>Regulations</u>	<u>Summary</u>
Aug. 16, 1974	31 32 35	C.22(h) C.26(c) C.28(h) C.28(j)	Addition of H-3 and Fe-59 to <u>in vitro</u> tests and extension of Medical Group licensing.
Jan. 15, 1975	31 32	C.22(d) C.28(d)	*Modification of requirements for distribution of 31.5 GL devices.
Jan. 19, 1975	--	A.3(c)	*Clarification of AEC contractors exemption pursuant to Energy Reorganization Act.
June 25, 1975	20	D.206	*Requirements for control of licensed material in <u>unrestricted areas</u> and <u>not in storage</u> .
June 25, 1975	35	Part C, Sch. C	Addition of I-125 seeds for interstitial treatment of cancer to Group VI.
Jan. 19, 1976	20	D.1(a)	*Incorporation of "As Low As Is Reasonably Achievable (ALARA)" wording.
Jan 29, 1976	20	Part D, App. A	*Modification of occupational exposure limit for Rn-222.
Feb. 23, 1976	35	Part C, Sch. C	Addition of Sn-113/In-113m generators to Group III.
April 19, 1976	35	Part C, Sch. C	Addition of Yb-169 DTPA for cisternography to Group II.
June 2, 1976	20 31 32 35 40 70 150	Parts C, D and E	Requirements for preservation of certain records required by the regulations
Aug. 4, 1976	34	E.203	Personnel monitoring requirements for industrial radiographers.

*Compatibility Item.

<u>Effective Date</u>	<u>10 CFR Part</u>	<u>Regulations</u>	<u>Summary</u>
Aug. 16, 1976	35	Part C, Sch. C	Addition of I-125 fibrinogen for detection of deep vein thrombosis to Group II.
Dec. 29, 1976	20	D.103	*Authorizes use of respirators. Bases internal exposure limits on intake into the body.
Jan. 5, 1977	40	C.21(d)	Establishes GL for depleted uranium products.
March 7, 1977	40	C.3(c)	*Exemption for personnel neutron dosimeters containing thorium.
May 31, 1977	31 32	C.22(i) C.28(h)	Addition of Se-75 to <u>in vitro</u> GL.
June 27, 1977	31 32	C.22(i) C.28(h)	Addition of Mock Iodine-125 calibration sources to <u>in vitro</u> GL.
Aug. 15, 1977	35	C.26(b)	Modification of requirements for individual physician use of radioactive material for human use.
Jan. 6, 1978	40	C.21(a)	Extends small quantity source material GL to Federal, State and local governments for operational purposes.
Jan 16, 1978	35	Part C, Sch. C	Addition of Tc-99m human serum albumin for heart blood pool imaging to Group III.
Feb. 7, 1978	35	Part C, Sch. C	Addition of Tc-99m medronate sodium for bone imaging to group III.
Feb. 16, 1978	30	C.4(c)	*Exemption for spark gap irradiators containing Co-60.
March 14, 1978	20	D.203(c)	*Additional requirements for controlling areas in which radiation levels in excess of 500 rems/hr exist.

*Compatibility Item.

<u>Effective Date</u>	<u>10 CFR Part</u>	<u>Regulations</u>	<u>Summary</u>
June 16, 1978	35	Part C, Sch. C	Addition of Tc-99m gluceptate sodium for brain and renal perfusion imaging to Group III.
June 23, 1978	20	D.203(f)	*Removal or defacing of radioactive material labels on empty containers.
Sept. 7, 1978	35	Part C, Sch. C	Addition of Tc-99m human serum albumin microspheres for venography to Group III.
Dec. 28, 1978	35	G.2(c)	Requirement to perform survey of patients to confirm that implants have been removed.
March 22, 1979	35	Part C, Sch. C	Deletion of diagnostic procedures from medical groups.
June 5, 1979	30 40 70	C.31(d)	Notice of discontinued licensed operations.
July 9, 1979	35	G.3(d), (e), (f),(g),(h)	Teletherapy calibrations
Aug. 20, 1979	19 20	D.1, D.101, D.102 J.13	*Control of radiation to transient workers.
Sept. 27, 1979	71	C.100	*Modification of transportation requirements.
March 3, 1980	34	Part E C.26(e)	Amendments to industrial radiography requirements.
March 28, 1980	71	A.3(b) C.101	*Correction to reference to Postal Service regulations.
Sept. 2, 1980	35	C.26(c)	Testing of radioisotope generators.
Sept. 19, 1980	40	C.21(a)	Deletion of GL for source material medicinals.

*Compatibility Item.

<u>Effective Date</u>	<u>10 CFR Part</u>	<u>Regulations</u>	<u>Summary</u>
Nov. 10, 1980	35	D.409	Medical misadministration reporting.
Nov. 17, 1980	40	A.2 C.25(e),(f) (g), (h) C.29 Part C, Sch. E	*Requirements to implement the Uranium Mill Tailings Act.
Dec. 1, 1980	20	D.106(g)	*Reference to 40 CFR 190 for uranium fuel cycle operations.
Jan. 28, 1981	20	D.304	*Deletion of waste burial authorization.
March 6, 1981	35	Part C, Sch. C	Addition of Tc-99m oxidronate sodium to Group III.
March 13, 1981	34	E.203(b)	Disposal of dosimeter records.
March 31, 1981	20	D.306	Biomedical waste rule.
May 13, 1981	30	C.4(c)	*Exemption for survey instrument calibration sources.
Sept. 23, 1981	30	C.4(c)	*Addition of Am-241 to exemption for survey instrument calibration sources.
Nov. 30, 1981	20	D.201	*Radiation protection survey requirement.
Dec. 24, 1981	40	C.3(c)(6)	*Clarification of exemption for uranium shielding in shipping containers.
March 26, 1982	35	Part C, Sch. C	Addition of Tc-99m labeled disofenin to Group III.
April 15, 1982	20	D.103	Placement of provisions of Reg. Guide 8.15 in regulations.

*Compatibility Item.

<u>Effective Date</u>	<u>10 CFR Part</u>	<u>Regulations</u>	<u>Summary</u>
June 29, 1982	35	Part C, Sch. C	Addition of Tc-99m labeled succimer to Group III.
July 6, 1982	71	C.104	*Advance notification of transport of waste.
Sept. 13, 1982	35	C.26(a)	Change medical isotope committee to radiation safety committee.
Jan. 26, 1983	61	Part M D.307	*Licensing requirements for land disposal of radioactive waste, and waste classification.
Dec. 27, 1983**	20	D.311	*Transfer for disposal and manifests.
March 4, 1983	35	G.4(h),(1)	Teletherapy room monitors and servicing of source exposure mechanisms.
March 7, 1983	35	C.26(c)	Exemption from requirements for use of approved radiopharmaceuticals for unapproved procedures.
June 28, 1983	35	Part C, Sch. C	Addition of I-125 sealed source in portable device to Group VI.
Aug. 15, 1983	30 40 70	C.32	Expiration and termination of licenses.
Sept. 6, 1983	71	Part T (proposed)	*Transportation regs compatibility with IAEA.
Sept. 28, 1983	30 70 150	W.501	Irretrievable well logging source.
Sept. 11, 1984	40	C.3(c)	*Elimination of exemption for glass enamel and glass enamel frit.

*Compatibility Item.

**Published in conjunction with Part 61.

<u>Effective Date</u>	<u>10 CFR Part</u>	<u>Regulations</u>	<u>Summary</u>
Sept. 10, 1985	35	C.26(c)	Addition of T-99m labeled pharmaceuticals for gastro-esophageal imaging and other clinical procedures.
Nov. 15, 1985	40 Appendix A 150	Part U (proposed)	*Uranium Mill Tailings EPA Standards
July 16, 1986	34	Part E	*Industrial radiography storage surveys and quarterly audits
Feb. 11, 1987	30 40 61 70	Part C,M,U	*Bankruptcy notification
March 24, 1987	35	Part G, (proposed) Part C	Exemption for use of aerosols.
April 1, 1987	35	Part G, (proposed) Part C	Revision for medical use. *Medical misadministration reporting
July 14, 1987	39	Part W	*Requirements for well logging.
Feb. 12, 1988	20	Part D	*NVLAP certification of dosimetry processors.

*Compatibility Item.