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To: Members, Arkansas State Board of Health

From: Adelia Oldenbroek, Program Manager
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Division for Health Protection

Date: July 10, 2025

Subject: To request approval by the State Board of Health of the following proposed amendments to the Rules for Control of Sources of Ionizing Radiation.

Authority: Ark. Code Ann. §20-21-201, et seq.

Relevant Acts: Act 854 of 2025

DETAILED SUMMARY –

Page 1-1 RH-3 - from Conference of Radiation Control Program Directors (CRCPD) State Suggested Regulations (SSR) Part H

Page 1-3 RH-6 came from RH-105

Page 1-3 RH-7 came from RH-106

Page 1-3 RH-7.b changed working days to business days to be consistent throughout “Rules”

Page 1-3 RH-8 came from RH-107;

Page 1-3 RH-8 Deliberate Misconduct language from the Nuclear Regulatory Commission (NRC) § 50.5

Page 1-6 RH-10 definitions changes from current RH-200, RH-1800.c. definitions and CRCPD SSR Part F, RH-5100, RH-7002

Page 1-9 RH-21 new types of equipment defined in PART B from CRCPD SSR Part F

Page 1-10 RH-25 additions come from “Rules” RH-31, RH-409, and RH-1611

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Page 1-15 RH-30 & RH-31 were moved to RH-3

Page 1-15 RH-34 clean up language to make it easier to read

Page 1-17 RH-34.f.8 was changed to bulleted format for easier reading

Page 1-21 RH-40.a was changed, to say exemptions shall be proposed and enacted through the “Administrative Procedure Act, Arkansas Code §25-15-201, et seq., as an amendment to this Section.”

Page 1-21 RH-40.b came from RH-5600

Page 1-22 RH-40.c.1-5 the new language is from CRCPD SSR Part H

Page 1-23 RH-40.d-h comes from RH-5600

Page 1-23 RH-41 deleted

Page 1-26 RH-50 deleted, see RH-3

Page 1-26 RH-51 comes from RH-600

Page 1-26 RH-51.a. 1-5 required details the information listed

Page 1-28 RH-51.c. comes from SSR PART E.36

Page 1-28 RH-52 cleans up language for easier reading

Page 1-28 RH-53 deleted and incorporated into RH-52

Page 1-29 RH-55 deleted moved to Part E to Section 1

Page 1-30 RH-57 cleans up language for easier reading, listed required information; See RH-5214 and CRCPD SSR Part E. and Part H.

Page 1-32 RH-57.c, changed working days to business days to be consistent:

Page 1-32 RH-57.d.3. 180 days is defined in NRC Reciprocity

Page 1-32 RH-58 there were no changes to the fees, language changed for easier understanding

Page 1-33 RH-59 from National Council on Radiation Protection & Measurements (NCRP) Report No. 147

Page 1-33 RH-59.a.1.D Qualified Expert is defined in Part B, RH-10 Definitions

Page 1-35 RH-61 from Texas Radiation Rules §289.226(m)(11), describes conditions which loaner equipment is allowed

Page 1-36 RH-70 was changed from RH-60

Page 1-36 RH-70.a was changed from RH-60 and used language from RH-1602.a.7

Page 1-36 Numbering changes

Page 1-37, 38 Appendix A & Appendix B to Section 1 comes from the National Council on Radiation Protection & Measurements (NCRP) Report no. 147

Page 1-40 Appendix C to Section 1 is from RH-1600.- RH-1611.and RH-1613.

Page 2-13 RH-200 some definitions were moved to RH-1800.c. definitions

Page 3-16 RH-1100 definition Protective apron is from RH-1601

Page 3-11 RH-1200.d. is from RH-1311

Page 3-11 RH-1200.g. Licensee and Registrant are defined in RH-1800.c definitions

Page 3-34 RH-1303 clarification of standard X-Ray symbol requires prescribed by Nuclear Regulatory Commission (NRC) <https://www.nrc.gov/reading-rm/basic-ref/glossary/radiation-warning-symbol.html>

Page 3-39 RH-1303.c.1 moved to RH-1303.b

Page 3-40 RH-1303.d.2 see RH-1303.b

Page 3-42 RH-1303.e.2. CRCPD SSR Part D.1602 and 1603

Page 3-52 RH-1303.i-k deleted, moved to RH-1309.b.-c

Page 3-57 RH-1308 deleted, moved to RH-1306

Page 3-96 Part G. RH-1600, RH-1611, and RH-1613 were moved to Section 10.

Page 3-97, 165, 166 RH-1601 images of all formulas in this section of definitions should be removed also, unable to strike out (Page 65 & 137)

Page 3-107 RH-1602.a.6 Gonadal shielding has been removed as discussed with the Board of Health during the April 2025 meeting; see position statements from : National Council on Radiation Protection and Measurements (NCRP); American Association of Physicists in Medicine (AAPM)

Page 3-140 RH-1607-1609 Moved to Section 11 Therapeutic Radiation Machines

Page 3-141 RH-1610 - Changed and moved to RH-9310.m. 21 CFR (Code of Federal Regulations) Part 900.12 (d)(iii) of the FDA's "Mammography Quality Standards Act." All systems designed for mammography shall comply with the Mammography Quality Standards Act of 1994, 42 USC 263b, as in effect on January 1, Page 2025

Page 3-148 RH-1610.c.7.A changed and moved RH-9310.m 2 -Pursuant to Act 854 of 2025

Page 3-160 RH-1612. - deleted. See Section 13.

Page 3-164 RH-1613 definitions- images of formulas to be removed unable to strike through

Page 3-173 RH-1800 – RH-1804, and Schedule B to Section 3, language changes made to directly reflect Nuclear Regulatory Commission (NRC) language regarding industrial radiographic operations.

Page 3-173 RH-1800.a. - Radiation Generating Devices (RGD's) defined RH-12100 Definitions

Page 3-174 RH-1800.b. - adds explanation of where to find information

Page 3-175 RH-1800.b.2.J. - NRC uses 180 days; CRCPD SSR Part E

Page 3-177 RH-1800.c - Definitions- Cabinet definitions moved to RH-12100 Part B. Definitions

Page 3-197 RH-1801.a.1 corrected suite number

Page 3-231 RH-1803.g – was moved to RH-12200, Radiation Generating Device (RGD)

Page 3-241 Schedule B to Section 3- II.2.C - Registrant/Licensee defined in Part B, RH-10 Definitions

Page 3-289 RH-2900.- RH-2905. moved to Section 13

Page 3-290 RH-2901 Definitions moved to RH-12100, Part C

Page 3-290 RH-2900 – RH-2905 Moved to Part C

Page 6-3 RH-5006 clean up language, see Part G

Page 6-3 RH-5006.b. changed working days to business days to be consistent throughout Rules

Page 6-3 RH- 5007 - Deliberate Misconduct language is from NRC § 50.5

Page 9-148 RH-8800 is from NRC Subpart M—Reports § 35.3045 Report and notification of a medical event.

Page 10-1 Section 10 moved from Part G. RH-1600-RH1699

Page 10-40 RH-9305 CRCPD SSR Part 5 to comply with 21 CFR 1020.32

Page 10-45 RH-9305.e. - From RH-1603.a.4.C; CRCPD SSR Part 5 to comply with 21 CFR 1020.32

Page 10-69 RH-9310.m.1.- Refer to 21 CFR Part 900.12 (d)(iii) of the FDA’s “Mammography Quality Standards Act.” as Federal regulation require/define mammography compliance. All systems designed for mammography shall comply with the Mammography Quality Standards Act of 1994, 42 USC 263b, as in effect on January 1, 2025

Page 10-69 RH-9310.m.2 -Pursuant to Act 854 of 2025

Page 10-87 RH-9600 moved from Part I, RH-2110

Page 11-4 RH-10100 moved from RH-200

Page 11-21 RH-10200.e. updated language RTL is no longer sending certificates, only a license card

Page II Section 13 from RH-2900-2999 (Page 201-208)

Page II RH-12400 from RH-5600