

**PROPOSED REVISIONS TO THE ASBH
RULES FOR CONTROL OF SOURCES OF IONIZING RADIATION**

JULY 2023 RULE PACKAGE

The Radiation Control Section is initiating the process for the revision of the Arkansas State Board of Health Rules for Control of Sources of Ionizing Radiation. The Section regulates the possession and use of x-ray machines, accelerators, and radioactive material in the State of Arkansas. Revisions to radioactive material rules are driven by our agreement with the U.S. Nuclear Regulatory Commission (NRC). The State of Arkansas, as an Agreement State, must have rules that are compatible with NRC regulations. In order to maintain this compatibility, the following NRC regulation amendments are being addressed, as listed below.

- **Medical Use of Byproduct Material – Medical Event Definitions, Training and Experience, and Clarifying Amendments:**

The objective of this rule is to amend current NRC regulations to address technological advances and changes in medical procedures and to enhance patient safety. *(Sections 2 and 9)(pgs. 11-16, 42-109)*

- **Organizational Changes and Conforming Amendments:**

The purpose of this rule is to reflect internal organizational changes and make conforming amendments. *(Section 4)(pg. 36)*

- **Individual Monitoring Devices:**

The purpose of this rule is to amend current NRC regulations to authorize the use of modern individual monitoring devices in industrial radiographic, irradiator, and well logging operations. These amendments will align personnel dosimetry requirements in these areas with the requirements for all other NRC licensees. *(Sections 3 and 8)(pgs. 24-28, 30-31, 42)*

- **Social Security Number Fraud Prevention:**

The objective of this rule is to amend current NRC regulations to implement the Social Security Number Fraud Prevention Act of 2017. This statute directed agencies to issue regulations that prohibit the inclusion of an individual's Social Security account number on any document sent through the mail unless the head of the agency deems it necessary and the appropriate precautions are taken to protect the Social Security number. *(Section 9)(pgs. 102-103)*

- **Miscellaneous Corrections – 10 CFR Parts 1, 2, 19, 20, 21, 30, 34, 35, 40, 50, 51, 52, 60, 61, 62, 63, 70, 71, 72, 73, 74, 75, 76, 110, and 140:**

The purpose of this rule is to make miscellaneous corrections including redesignating footnotes and correcting references, typographical errors, nomenclature, titles, e-mail addresses, and contact information. *(Sections 2, 3, 4, and 9)(pgs. 21-23, 37, 76, 90, 91, 99, 100)*

- **Miscellaneous Corrections – 10 CFR Parts 2, 11, 20, 25, 32, 35, 37, 50, 52, 55, 70, 72, 73, 95, and 110:**

The objective of this rule is to correct mailing addresses, typographical errors, grammatical errors, references, spelling, agency names, and office titles; remove outdated reporting requirements; clarify language; add metric units; and insert missing language. *(Sections 2, 3, 9, and 12)(pgs. 24, 57, 60, 64)*

- **Miscellaneous Corrections – 10 CFR Parts 9, 37, 40, 50, 51, 52, 55, 71, 73, and 110:**

The objective of this rule is to correct a grammatical error, punctuation, a reference, formatting, a mathematical formula, and spelling; clarify language; revise contact information; and update an authority citation and internal procedures. (*Section 12*)(pg. 112)

Also, the following sections not in conjunction with a particular NRC regulation amendment have been added, revised, or deleted in keeping with NRC compatibility. Substituting “rule” for “regulation” in accordance with **Act 315 of 2019** (pgs. 113-176) and some general clean-up is being performed as well.

RULE SECTION	TITLE
RH-103.	License fees. (license code and description clean up)*
RH-301.b.1.	Certain items containing radioactive material.
RH-401.a.2.C	Small quantities of source material.
RH-401.c.5. and c.6.	Certain industrial products or devices.
RH-402.e.	Certain detecting, measuring, gauging, or controlling devices and certain devices for producing light or an ionized atmosphere.
RH-402.f.5.	Luminous safety devices in aircraft.
RH-402.g.5.	Calibration and reference sources.
RH-402.i.4.	Ice detection devices.
RH-402.j.2. and j.5.	Products containing radium-226.
RH-402.k.7.	Use of radioactive material for certain in vitro clinical or laboratory testing.
RH-402.n.	Incidentally produced radioactive material generated by the operation of a particle accelerator.
RH-409.g.1.	Bankruptcy notification.
RH-600.a.	Receipt, transfer, and disposal.
RH-750.a.2. and b.2.	Reciprocal Recognition of Licenses.
RH-1300.c.	Surveys.
RH-1915.	Agreement with Well Owner or Operator.
RH-1931.a.2.	Labels.
RH-1961.e. (RH-1992.)	Training.
Appendix I to Section 3, Form X	Notice to Employees
RH-5002.c.	Purpose and Scope. Production of radioactive material.
RH-5003.	Fees. (description clean up)*
RH-5200.	License Requirement.
RH-5212.	Licensure of Out-of-State Particle Accelerators for Non-Industrial Use.
RH-5214.	Reciprocal Recognition of Out-of-State Particle Accelerator Licenses for Industrial Use.
RH-8400.	Quality Control of Diagnostic Equipment.
RH-8409.	Storage and Control of Volatiles and Gases.
RH-8712.	Records of Decay-in-Storage.
RH-8801.d.1.E.	Reports and Notifications of a Dose to an Embryo/Fetus or a Nursing Child.
RH-10308.	Other Use of Electronically-Produced Radiation to Deliver Therapeutic Radiation Dose.

*Revisions reflect provisions in Arkansas Code Annotated § 20-21-217 or codes and category descriptions used by the U.S. Nuclear Regulatory Commission. Obsolete/no longer in use fees have also been deleted.