

Chapter 3

Radiation Protection Standards

Section 1. Purpose.

(a) This Chapter establishes standards for protection against ionizing radiation resulting from activities conducted pursuant to licenses issued by the Department.

(b) This Chapter is designed to control the receipt, possession, use, transfer, or disposal of licensed material such that the total dose to an individual, excluding radiation dose from background sources, does not exceed the standards for protection against radiation as outlined in this Chapter.

(c) The limits provided for in this Chapter do not apply to doses due to background, from medical diagnosis or therapy, from individuals administered radioactive material and released, or from voluntary participation in medical research.

Section 2. Scope.

This Chapter applies to persons licensed by the Department to acquire, own, possess, use, transfer, offer or receive for transport, or dispose of source material recovered from any mineral resources processed primarily for purposes other than obtaining the source material content.

Section 3. Implementation.

Any existing license condition imposed by the Department that is more restrictive than this Chapter remains in force until there is an amendment or renewal of the license.

Section 4. Incorporation by Reference of 10 Code of Federal Regulations (C.F.R.) Part 20; Standards for Protection Against Radiation.

(a) Any reference in these rules to requirements, or procedures contained in 10 C.F.R., Part 20, Sections 20.1001 through 20.2402 shall constitute the full adoption by reference of that part and subparts as they appear in 10 C.F.R., revised as of January 1, 2025, including any notes and appendices therein, unless expressly provided otherwise in these rules. These rules do not include any later amendments or editions of the incorporated matter.

(b) The following 10 C.F.R. sections, as of January 1, 2025, are excluded from these rules and are not incorporated by reference: 20.1001, 20.1002, 20.1003, 20.1004(a), 20.1004(b), 20.1005, 20.1006, 20.1007, 20.1008, 20.1009, 20.1206, 20.1301(c) and (e), 20.1403(c)(2), 20.1406(b), 20.1601(f), 20.1903(b), 20.1903(d), 20.1905(g), 20.2003(b), 20.2008, 20.2104 (b), 20.2105, 20.2106(d), 20.2201(a)(2)(i), 20.2201(b)(2)(i), 20.2201(c), 20.2202(d)(1), 20.2202(e), 20.2203(c), 20.2204, 20.2206, 20.2401, 20.2402, and Appendix D.

(c) Any references in the federal rules adopted by reference to “NRC Headquarters Operations Center,” or any component thereof, in 10 C.F.R. Part 20 shall be deemed to be a reference to the Department and the Source Material Program.

(d) Any references in the federal rules adopted by reference to the United States Nuclear Regulatory Commission (NRC), or any component thereof, shall be deemed to be a reference to the Department and the Source Material Program.

(e) Any reference in the federal rules to 10 C.F.R. Parts 30, 50, 52, 54, 60, 63, 72, and 76 are not adopted under the incorporation by reference of 10 C.F.R. Part 20.

(f) When incorporating 10 CFR 20.1406(a), any references to 10 CFR Part 52 are not incorporated by reference.

(g) In order to reconcile incorporation by reference where federal rules may be incorrectly incorporated, the following language is added to provide clarity:

(i) Reports and notifications referenced in 10 C.F.R. 20.2201 – 20.2207 (except as excluded in paragraph (b) of this Section), shall be directed to the Department.

(ii) In 10 C.F.R. 20.1201, references to “20.1206” are not incorporated by reference.

(iii) In 10 C.F.R. 20.1004(c), references to “20.1004(b) means Chapter 1, Section 6 of these rules.

(iv) In 10 C.F.R. 20.1401(a) a reference to “this subpart” means “10 C.F.R. 20.1401 – 1405”.

(v) In 10 C.F.R. 20.1401(a) a reference to “facilities licensed under Part 40” means “facilities licensed under these rules”.

(vi) In 10 C.F.R. 20.1403(d) and 20.1404(a)(4) the reference to “40.42(d)” means “Chapter 4, Section 16(a) – (c) of these rules”.

(vii) In 10 C.F.R. 20.1501(b) the phrase “§§ 30.35(g), 40.36(f), 50.75(g), 70.25(g), or 72.30(d)” means Section 7 of Chapter 6 of these rules.

(viii) In 20.1906 references to “§ 71” and “Part 71 of this chapter” mean the specified section in “10 C.F.R. 71”, as incorporated by reference in Chapter 9 of these rules.

(ix) The notifications required by 10 C.F.R. 20.1906(d) and 20.2201(a)(2) must be made to the Department on the 24-hour spill hotline at 307-777-7501 or using the spill and complaints website at <http://deq.wyoming.gov/spill-and-complaints/>.

(x) In 10 C.F.R. 20.2108 “§§ 30.51, 40.61, 70.51, and 72.80” means “10

C.F.R. 40.61”, as incorporated by reference in Chapter 1, Section 11(c) of these rules.

(xi) In 10 C.F.R. 20.2205, the reference to “20.2204” is not incorporated.