



DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF RADIATION CONTROL

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October 4, 2001

Fred Combs, Deputy Director  
U.S. Nuclear Regulatory Commission (NRC)  
Office of State and Tribal Programs  
OWFM/3 D20  
Mail Stop 3 C10  
Washington, D.C. 20555-0001

RE: Regulation Assessment Tracking System; RATS Data Sheet ID #2000-1

Dear Mr. Combs:

The purpose of this letter is to advise you that the proposed rule pertaining to R313-38, "Radiation Safety Requirements for Wireline Service Operation and Subsurface Tracer Studies," was adopted and made effective on September 14, 2001. Since the NRC's review, no additional changes were made to this rule. A copy of the "as published" rule is provided for your review. An electronic copy will be sent to you via electronic mail and a computer readable format is attached to this letter.

If you have questions about the enclosed rule, please contact Julie Felice at (801) 536-4250.

Sincerely,

William J. Sinclair, Director  
Division of Radiation Control

Enclosure: As Stated

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**R313. Environmental Quality, Radiation Control.**

**R313-38. Licenses and Radiation Safety Requirements for Well Logging.**

**R313-38-1. Purpose and Authority.**

(1) Rule R313-38 prescribes requirements for the issuance of a license authorizing the use of licensed materials including sealed sources, radioactive tracers, radioactive markers, and uranium sinker bars in well logging in a single well. This rule also prescribes radiation safety requirements for persons using licensed materials in these operations.

(2) The rules set forth herein are adopted pursuant to the provisions of Subsections 19-3-104(3) and 19-3-104(6).

(3) The provisions and requirements of Rule R313-38 are in addition to, and not in substitution for, the other requirements of these rules. In particular, the provisions of Rules R313-15, R313-18, R313-19, and R313-22 apply to applicants and licensees subject to these rules.

**R313-38-2. Scope.**

(1) The requirements of Rule R313-38 do not apply to the issuance of a license authorizing the use of licensed material in tracer studies involving multiple wells, such as field flooding studies, or to the use of sealed sources auxiliary to well logging but not lowered into wells.

**R313-38-3. Clarifications or Exceptions.**

For purposes of Rule R313-38, 10 CFR 39 (2001), is incorporated by reference with the following clarifications or exceptions:

(1) The exclusion of the following 10 CFR sections: 39.1, 39.5, 39.8, 39.11, 39.101, and 39.103;

(2) The exclusion of the following 10 CFR references within 10 CFR 39: Sec. 40.32, and Sec. 70.33;

(3) The exclusion of "licensed material" in 10 CFR 39.2 definitions;

(4) The substitution of the following wording:

(a) License for reference to NRC license;

(b) Utah Radiation Control Rules for the references to:

(i) The Commission's regulations;

(ii) The NRC regulations;

(iii) NRC regulations; and

(iv) Pertinent Federal regulations;

(c) Executive Secretary for reference to Commission, except as stated in Subsection R313-38-3(4)(d);

(d) Representatives of the Executive Secretary for the references to the Commission in:

(i) 10 CFR 39.33(d);

(ii) 10 CFR 39.35(a);

(iii) 10 CFR 39.37;

(iv) 10 CFR 39.39(b); and

(v) 10 CFR 39.67(f);

(e) Executive Secretary or the Executive Secretary for references to:

- (i) NRC in:
  - (A) 10 CFR 39.63(1);
  - (B) 10 CFR 39.77(c)(1)(i) and (ii); and
  - (C) 10 CFR 39.77(d)(9); and
- (ii) Appropriate NRC Regional Office in:
  - (A) 10 CFR 39.77(a);
  - (B) 10 CFR 39.77(c)(1); and
  - (C) 10 CFR 39.77(d);
- (f) Executive Secretary, the U.S. Nuclear Regulatory Commission or an Agreement State for the references to:
  - (i) Commission or an Agreement State in:
    - (A) 10 CFR 39.35(b); and
    - (B) 10 CFR 39.43(d) and (e); and
  - (ii) Commission pursuant to Sec. 39.13(c) or by an Agreement State in:
    - (A) 10 CFR 39.43(c); and
    - (B) 10 CFR 39.51;
  - (g) In 10 CFR 39.35(d)(1), persons specifically licensed by the Executive Secretary, the U.S. Nuclear Regulatory Commission, or an Agreement State for the reference to an NRC or Agreement State licensee that is authorized; and
  - (h) In 10 CFR 39.35(d)(2), reports of test results for leaking or contaminated sealed sources shall be made pursuant to Section R313-15-1208, for the reference to the following statement:
    - (i) The licensee shall submit a report to the appropriate NRC Regional Office listed in appendix D of part 20 of this chapter, within 5 days of receiving the test results. The report must describe the equipment involved in the leak, the test results, any contamination which resulted from the leaking source, and the corrective actions taken up to the time the report is made; and
    - (i) In 10 CFR 39.75(e), a U.S. Nuclear Regulatory Commission or an Agreement State for the reference to the Agreement State;
  - (5) The substitution of the following Title R313 references for specific 10 CFR references:
    - (a) Section R313-12-3 for the reference to Sec. 20.1003 of this chapter;
    - (b) Section R313-12-54 for the reference to 10 CFR 39.17;
    - (c) Subsection R313-12-55(1) for the reference to 10 CFR 39.91;
    - (d) Rule R313-15 for references to:
      - (i) Part 20; and
      - (ii) Part 20 of this chapter;
    - (e) Subsection R313-15-901(1) for the reference to Sec. 20.1901(a);
    - (f) Section R313-15-906 for the reference to Sec. 20.205 of this chapter;
    - (g) Sections R313-15-1201 through R313-15-1203 for the references to:
      - (i) Secs. 20.2201-20.2202; and
      - (ii) Sec. 20.2203;
    - (h) Rule R313-18 for the reference to part 19;
    - (i) Section R313-19-30 for the reference to Sec. 150.20 of this chapter;

- (j) Section R313-19-50 for the references to:
  - (i) Sec. 30.50; and
  - (ii) Part 21 of this chapter;
- (k) Section R313-19-71 for the reference to Sec. 30.71;
- (l) Section R313-19-100 for the references to:
  - (i) 10 CFR Part 71; and
  - (ii) Sec. 71.5 of this chapter; and
- (m) Section R313-22-33 for the reference to 10 CFR 30.33;

**KEY: radioactive material, well logging, surveys, subsurface  
tracer studies**

**September 14, 2001**

**19-3-104**

**Notice of Continuation January 25, 1999**

**19-3-108**