

1 10A NCAC 15 .1613 is proposed for amendment as follows:

2
3 **10A NCAC 15 .1613 SURVEYS**

4 (a) Licensees and registrants shall conduct surveys, and monitor for radiation and radiation exposure in accordance
5 with the provisions of 10 CFR 20.1501.

6 (b) The exposure of individual monitoring devices, individual monitoring equipment, or personnel monitoring
7 equipment to radiation from any source for the purpose of falsifying exposure records shall be prohibited.

8 (c) Notwithstanding Rule .0117 of this Chapter, the regulations cited in this Rule from 10 CFR Chapter I (2015) are
9 hereby incorporated by reference, excluding subsequent amendments and editions. Copies of these regulations are
10 available free of charge at [http://www.ecfr.gov/cgi-bin/text-](http://www.ecfr.gov/cgi-bin/text-idx?SID=2beece594411a03e50b2468ae31f89b&pid=20160101&tpl=/ecfrbrowse/Title10/10tab_02.tpl)
11 idx?SID=2beece594411a03e50b2468ae31f89b&pid=20160101&tpl=/ecfrbrowse/Title10/10tab_02.tpl.

12 ~~(a) Each licensee or registrant shall make or cause to be made, surveys that:~~

13 ~~(1) — may be necessary for the licensee or registrant to comply with the rules in this Section; and~~

14 ~~(2) — are reasonable under the circumstances to evaluate:~~

15 ~~(A) — the magnitude and extent of radiation levels;~~

16 ~~(B) — concentrations or quantities of radioactive material; and~~

17 ~~(C) — the potential radiological hazards that could be present.~~

18 ~~(b) The licensee or registrant shall ensure that instruments and equipment used for quantitative radiation~~
19 ~~measurements (e.g., dose rate and effluent monitoring) are calibrated at the frequency committed to in accordance~~
20 ~~with the requirements of Rules .0207 or .0317 of this Chapter for the radiation measured.~~

21 ~~(c) All personnel dosimeters (except for direct and indirect reading pocket ionization chambers and those dosimeters~~
22 ~~used to measure the dose to the extremities) that require processing to determine the radiation dose and that are used~~
23 ~~by licensees or registrants to comply with Rule .1604 of this Section, with other applicable provisions of this Chapter,~~
24 ~~or with conditions specified in a license shall be processed and evaluated by a dosimetry processor:~~

25 ~~(1) — Holding current personnel dosimetry accreditation from the National Voluntary Laboratory~~
26 ~~Accreditation Program (NVLAP) of the National Institute of Standards and Technology; and~~

27 ~~(2) — Approved in this accreditation process for the type of radiation or radiations included in the NVLAP~~
28 ~~program that most closely approximates the type of radiation or radiations for which the individual~~
29 ~~wearing the dosimeter is monitored.~~

30 ~~(d) Exposure of a personnel monitoring device to deceptively indicate a dose delivered to an individual is prohibited.~~

31
32 *History Note: Authority G.S. 104E-7(a)(2);*

33 *Eff. January 1, 1994;*

34 *Amended Eff. August 1, 2002;*

35 *Transferred and Recodified from 15A NCAC 11 .1613 Eff. February 1, 2015; 2015;*

36 *Amended Eff. March 1, 2017.*