

10A NCAC 15 .1646 NOTIFICATION OF INCIDENTS

(a) Notwithstanding any other requirements for notification, each licensee or registrant shall immediately report any event involving a source of radiation possessed by the licensee or registrant that may have caused or threatens to cause any of the following conditions:

- (1) an individual to receive:
 - (A) a total effective dose equivalent of 25 rems (0.25 Sv) or more; or
 - (B) an eye dose equivalent of 75 rems (0.75 Sv) or more; or
 - (C) a shallow-dose equivalent to the skin or extremities of 250 rads (2.5 Gy) or more; or
- (2) the release of radioactive material, inside or outside of a restricted area, except locations where personnel are not normally stationed during routine operations, such as hot-cells or process enclosures, so that, had an individual been present for 24 hours, the individual could have received an intake five times the occupational annual limit on intake; or
- (3) a loss of one working week or more of the operation of any facilities affected; or
- (4) damage to property in excess of \$200,000.

(b) Each licensee or registrant shall, within 24 hours of discovery of the event, report any event involving loss of control of any source of radiation possessed by the licensee or registrant that may have caused, or threatens to cause, any of the following conditions:

- (1) an individual to receive, in a period of 24 hours:
 - (A) a total effective dose equivalent exceeding five rems (0.05 Sv);
 - (B) an eye dose equivalent exceeding 15 rems (0.15 Sv); or
 - (C) a shallow-dose equivalent to the skin or extremities exceeding 50 rems (0.5 Sv);
- (2) the release of radioactive material, inside or outside of a restricted area, except locations where personnel are not normally stationed during routine operations, such as hot-cells or process enclosures, so that, had an individual been present for 24 hours, the individual could have received an intake in excess of one occupational annual limit on intake;
- (3) a loss of one day or more of the operation of any facilities affected; or
- (4) damage to property in excess of \$2,000.

(c) The licensee or registrant shall prepare any report filed with the agency pursuant to this Rule so that names of individuals who have received exposure to radiation or radioactive material are stated in a separate and detachable part of the report.

(d) Reports made by licensees or registrants in response to the requirements of this Rule shall be addressed to the agency as specified in Rule .0111 of this Chapter.

(e) The provisions of this Rule do not include doses that result from planned special exposures, that are within the limits for planned special exposures, and that are reported pursuant to Rule .1648 of this Section.

*History Note: Authority G.S. 104E-7(a)(2); 104E-12(a);
Eff. January 1, 1994;
Transferred and Recodified from 15A NCAC 11 .1646 Eff. February 1, 2015.*