

10A NCAC 15 .1512 WASTE MANAGEMENT AND REDUCTION REQUIREMENTS

(a) The purpose of this Rule is to define those elements which may constitute a sound waste management program and to require each applicant for a site access license or renewal of an existing site access license to explain how each element is implemented or, if not implemented, why its omission is justified.

(b) Those elements and sub-elements which constitute sound waste management practices include, but are not limited to, the following:

- (1) waste avoidance:
 - (A) process controls;
 - (B) training;
 - (C) material selection;
 - (D) leak prevention;
 - (E) segregation;
 - (F) recycling;
 - (G) reduction in size of facility contaminated areas; and
 - (H) radionuclide selection;
- (2) volume or activity reduction:
 - (A) storage for decay:
 - (i) waste containing no radionuclides with a radioactive half-life exceeding 90 days:
 - (I) hold for decay of contained radioactivity and subsequent disposal as non low-level radioactive waste; and
 - (II) hold for partial decay;
 - (ii) waste containing radionuclides with a radioactive half-life exceeding 90 days - hold for partial decay;
 - (B) decontamination of equipment, materials or other items:
 - (i) on-site; and
 - (ii) off-site;
 - (C) sorting:
 - (i) on-site; and
 - (ii) off-site;
 - (D) compaction:
 - (i) on-site:
 - (I) super compaction; and
 - (II) other compaction;
 - (ii) off-site super compaction;
 - (E) incineration:
 - (i) on-site; and
 - (ii) off-site.

(c) The applicant shall indicate the extent to which each of the elements and sub-elements listed in Paragraph (b) of this Rule and any other waste management practices are being employed in the applicant's waste management program.

(d) For each element and sub-element listed in Paragraph (b) of this Rule that is not employed in the applicant's waste management program, the applicant shall provide a justification for its omission which shall include an evaluation of the omission in accordance with the ALARA principle and shall include a schedule for implementation, if future implementation is planned.

*History Note: Authority G.S. 104E-10.3; 104E-27;
Eff. January 1, 1995;
Transferred and Recodified from 15A NCAC 11 .1512 Eff. February 1, 2015.*