

C.7.18

**C.7.18 Advance Notification of Shipment of Nuclear Waste.**

- (a) (1) As specified in C.7.18(b), (d) and (e), each licensee shall provide advance notification to the governor of a State, or governor's designee<sup>47</sup>, of the shipment of licensed material, within, or across the boundary of the State, before the transport, or delivery to a carrier, for transport, of licensed material outside the confines of the licensee's plant or other place of use or storage.
- (2) As specified in C.7.18(b), (d) and (e), each licensee shall provide advance notification to the Tribal official of participating Tribes\*, or the official's designee, of the shipment of licensed material, within or across the boundary of the Tribe's reservation, before the transport, or delivery to a carrier, for transport, of licensed material outside the confines of the licensee's plant or other place of use or storage.
- (b) Advance notification is required under C.7.18 for shipment of licensed material, other than irradiated fuel, meeting the following three (3) conditions:
- (1) The licensed material is required by C.7 to be in Type B packaging for transportation;
  - (2) The licensed material is being transported to or across a state boundary enroute to a disposal facility or to a collection point for transport to a disposal facility; and
  - (3) The quantity of licensed material in a single package exceeds the least of the following:
    - (i) Three thousand (3000) times the A<sub>1</sub> value of the radionuclides as specified in Table I of Appendix G to Part C for special form radioactive material;
    - (ii) Three thousand (3000) times the A<sub>2</sub> value of the radionuclides as specified in Table I of Appendix G to Part C for normal form radioactive material; or
    - (iii) One thousand (1000) terabecquerel (27,000 Ci).
- (c) **Information to be Furnished in Advance Notification of Shipment.** Each advance notification required by C.7.18(a) shall contain the following information:
- (1) The name, address, and telephone number of the shipper, carrier, and receiver of the nuclear waste shipment;
  - (2) A description of the nuclear waste contained in the shipment as specified by the regulations of the U.S. Department of Transportation in 49 CFR 172.202 and 172.203(d);
  - (3) The point of origin of the shipment and the seven (7)-day period during which departure of the shipment is estimated to occur;
  - (4) The seven (7)-day period during which arrival of the shipment at state boundaries or Tribal reservation boundaries is estimated to occur;
  - (5) The destination of the shipment, and the seven (7)-day period during which arrival of the shipment is estimated to occur; and
  - (6) A point of contact with a telephone number for current shipment information.

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<sup>47</sup> A list of the names and mailing addresses of the governors' designees and Tribal official's designees of participating Tribes is available upon request from the Director, Division of Intergovernmental Liaison and Rulemaking, Office of Federal and State Materials and Environmental Management Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. The list of governor's designees and Tribal official's designees of participating Tribes will be published annually in the Federal Register on or about June 30 to reflect any changes in information.

C.7.18(d)

(d) **Procedures for Submitting Advance Notification.** The notification required by C.7.18(a) shall be made in writing to the office of each appropriate governor, or governor's designee, the office of each appropriate Tribal official or Tribal official's designee, to the Agency and to the Director, NRC Division of Security Policy, Office of Nuclear Security and Incident Response.

(1) A notification delivered by mail shall be postmarked at least seven (7) days before the beginning of the seven (7)-day period during which departure of the shipment is estimated to occur.

(2) A notification delivered by any other means than mail shall reach the office of the governor, or governor's designee or the Tribal official or Tribal official's designee at least four (4) days before the beginning of the seven (7)-day period during which departure of the shipment is estimated to occur.

(3) The licensee shall retain a copy of the notification shall be retained by the licensee for three (3) years.

(e) **Revision Notice.** A licensee who finds that schedule information previously furnished to a governor, or governor's designee or a Tribal official or Tribal official's designee, pursuant to C.7.18(a) will not be met, shall telephone a responsible individual in the office of the governor of the State or of the governor's designee or the Tribal official or the Tribal official's designee and inform that individual of the extent of the delay beyond the schedule originally reported. The licensee shall maintain for three (3) years a record of the name of the individual contacted.

(f) **Cancellation Notice.** Each licensee who cancels a nuclear waste shipment, for which advance notification has been sent, shall send a cancellation notice, identifying the advance notification that is being canceled, to the governor, or governor's designee previously notified, each Tribal official or to the Tribal official's designee previously notified, to the Agency and to the Director, NRC Division of Security Policy, Office of Nuclear Security and Incident Response. A copy of the notice shall be retained by the licensee as a record for three (3) years.

**C.7.19 Quality Assurance Requirements.**

(a) **Purpose.** C.7.19 describes quality assurance requirements applying to purchase, handling, shipping, storing, cleaning, assembly, inspection, operation, maintenance, and repair of components of packaging that are important to safety. As used in C.7.19, *quality assurance* comprises all those planned and systematic actions necessary to provide adequate confidence that a system or component will perform satisfactorily in service. Quality assurance includes *quality control*, which comprises those quality assurance actions related to control of the physical characteristics and quality of the material or component to predetermined requirements. Each licensee is responsible for the quality assurance provision which applies to its use of a packaging for the shipment of licensed material subject to C.7.

(b) **Establishment of Program.** Each licensee shall establish, maintain, and execute a quality assurance program satisfying each of the applicable criteria of C.7.19 and 10 CFR 71.101 through 71.137 and satisfying any specific provisions that are applicable to the licensee's activities including procurement of packaging. The licensee shall execute the applicable criteria in a graded approach to an extent that is commensurate with the quality assurance requirements importance to safety.

(c) **Approval of Program.** Before the use of any package for the shipment of licensed material subject to this C.7.19, each licensee shall obtain Agency approval of its quality assurance program by submitting a description of its quality assurance program, including a discussion of which requirements of C.7.19 are applicable and how they will be satisfied.