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## **Transport of Radioactive Material**

### **Sec. 19-409d-51. Purpose**

To prescribe the Connecticut Department of Transportation regulations relating to the transport of large quantities of radioactive material or any quantity of radioactive waste, produced as a part of the nuclear fuel cycle and being shipped from or through the State of Connecticut to a waste disposal site or facility. These regulations are to assure the degree of control necessary to protect the public health and safety of the travelling public and the citizens of Connecticut and are promulgated in accordance with the provisions of Section 19-409d of the General Statutes of Connecticut as revised (PA 76-321).

(Effective August 25, 1977)

### **Sec. 19-409d-52. Applicability**

The provisions of these regulations pertain to any person transporting or causing the transportation of, by motor vehicle, certain specified radioactive material referred to in Section 19-409d of the General Statutes of Connecticut as revised (PA 76-321).

Persons transporting radioactive material by any other mode of transportation shall be deemed in compliance with these regulations provided they conform to all other applicable Federal and State regulations.

This regulation shall not apply to radioactive materials shipped by or for the United States Government for Military or National security purposes or which are related to National Defense. Nothing herein shall be construed as requiring the disclosure of any defense information or restricted data as defined in the Atomic Energy Act of 1954 and the Energy Reorganization Act of 1974, as amended.

(Effective August 25, 1977)

### **Sec. 19-409d-53. Definitions**

**Application** — Any written or verbal request to the Commissioner for a permit.

**Carrier** — See motor carrier.

**Commissioner** — Means the Commissioner of the Department of Transportation appointed pursuant to title 13b of the Connecticut General Statutes as amended.

**Confirmation of Permit** — A permit shall be deemed valid when the operator of the vehicle, upon request, can produce the permit, any reproduction of the permit, or an authorized telegram, telex, or twx sent by the Commissioner.

**Large Quantity** — When used in this section refers to the Nuclear Regulatory Commission definition contained in Title 10 of the Code of Federal Regulations, Part 71, entitled "Packaging of Radioactive Material for Transport," a copy of which is on file with the Commissioner of Transportation.

**Motor Carrier** — The term "Motor Carrier" or "Carrier" includes a common carrier by motor vehicle, a contract carrier by motor vehicle and a private carrier of property by motor vehicle.

**Nuclear Fuel Cycle** — The series of steps involved in supplying fuel for nuclear power reactors. It includes mining, refining, the original fabrication of fuel elements, their use in a reactor, chemical processing to recover the fissionable material remaining in the spent fuel or other disposition of spent fuel, or reenrichment or reuse of the fuel material and refabrication into new fuel elements.

**Permit** — A written document allowing the use of certain specified Connecticut highways for the transport of radioactive material issued by the Commissioner to a permittee.

**Permittee** — Any person who has applied for and has been issued a permit to transport radioactive material over certain Connecticut highways.

**Person** — Any individual, corporation, partnership, firm, association, trust, estate, public or private institution, group, agency, political subdivision of this state, any other state or political subdivision or agency thereof, and any legal successor, representative, agent or agency of the foregoing.

**Radiation** — Ionizing radiation which includes any or all of the following: alpha rays, beta rays, gamma rays, X-rays, neutrons and other atomic particles but not sound or radiowaves or visible, infrared or ultraviolet light.

**Radioactive Material** — “Any object, material or combination thereof which spontaneously emits ionizing radiation and either (1) is considered a “Large Quantity,” as defined in this Section 13(b)-17-53 or (2) consists of radioactive waste which has been produced as part of the nuclear fuel cycle.”

**Radioactive Waste** — Any radioactive material that has served its primary purpose.

**Shipper** — Any person, with a federal license, authorized to possess, use or transfer radioactive material.

**Waste Disposal Site or Facility** — Any site or facility to which radioactive waste is transported for permanent disposal or reprocessing.

(Effective August 25, 1977)

#### **Sec. 19-409d-54. Application for permit to transport radioactive material**

No person shall transport radioactive material over Connecticut highways until a permit has been issued by the Commissioner of Transportation.

All applications for a permit to transport radioactive material shall be made to the Connecticut Department of Transportation. Application may be made to the Commissioner of Transportation during normal working hours, Monday thru Friday; Holidays, Saturdays and Sundays excluded.

No applications will be processed without a two hour advance notice nor will an application be accepted more than one working day in advance of the scheduled move except that the Commissioner reserves the right to waive the advance notice requirement when it is in the best interest of public health and safety.

No application will be considered until the applicant has submitted the following certificates to the Commissioner of Transportation:

A written statement from the Shipper certifying that the articles described in the shipping papers are properly classified, described, packaged, marked and labeled, and that the articles are in proper condition for transportation, according to the applicable regulations of the Nuclear Regulatory Commission and the Federal Department of Transportation.

A written statement from the carrier certifying that the packaged radioactive material has been loaded, blocked and properly secured onto the transport vehicle. The certification shall also state that the vehicle and load are in compliance with the applicable motor carrier safety regulations of the Federal Department of Transportation.

In addition to the required certifications from the shipper and the carrier, each applicant shall provide the following information:

1. Name of the shipper.
2. Name and mail address of the carrier.
3. Type of major isotopes, quantity (in curies) and type of label.
4. Date and time of shipment.

5. Origin, scheduled route and destination. (All routing will be via limited access highways and the shortest practicable route to and from them.)

6. Year, make, color, State of registration and plate number of both the tractor and trailer.

7. Driver(s) and name(s).

8. Any additional information as required.

This permit or a confirmation of such permit shall be retained in the possession of the operator of the vehicle while transporting the radioactive material over Connecticut highways.

(Effective August 25, 1977)

#### **Sec. 19-409d-55. Conditions of a permit**

In the interest of public health and safety, the following requirements are to be considered a condition of the permit.

1. All routes will be determined by the Connecticut department of transportation.

2. All shipments are to be made during daylight hours between the hours of 9:00 A.M., thru 4:00 P.M.

3. The permit is void on Saturdays, Sundays and Holidays.

4. The permit or a confirmation of it must be in the possession of the operator of the vehicle while transporting the radioactive material over Connecticut state highways.

5. The provisions of Title 49 of the Code of Federal Regulations concerning the transport of hazardous material, a copy of which is on file with the commissioner of transportation, shall be deemed as part of the conditions of this permit.

6. The person, firm, or corporation to whom the permit is granted shall pay a fee of \$25.00, payable in advance, for each single trip permit. Refunds will not be made for unused permits.

The commissioner reserves the right to waive or alter any of these conditions when it is considered to be in the best interest of public health and safety.

(Effective August 13, 1980)

#### **Sec. 19-409d-56. Permittee**

Any permittee who fails to comply with the provisions of any permit to transport radioactive material shall be deemed to have no permit and is subject to the penalties cited in Section 19-409d of the General Statutes of Connecticut, as revised. (PA 76-321)

(Effective August 25, 1977)

#### **Sec. 19-409d-57. Other regulatory control**

Nothing herein shall be construed to be in conflict with any federal regulations concerning the transport of hazardous material.

(Effective August 25, 1977)