

# CHAPTER 298a

## ATOMIC ENERGY

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**Sec. 16a-100. (Formerly Sec. 19-404). Declaration of policy.** (a) The state of Connecticut endorses the action of the Congress of the United States in enacting the Atomic Energy Act of 1954 to institute a program to encourage the widespread participation in the development and utilization of atomic energy for peaceful purposes to the maximum extent consistent with the common defense and security and with the health and safety of the public; and therefore declares the policy of the state to be (1) to cooperate actively in the program thus instituted; and (2) to the extent that the regulation of special nuclear materials and by-product materials, of production facilities and utilization facilities and of persons operating such facilities may be within the jurisdiction of the state, to provide for the exercise of the state's regulatory authority so as to conform, as nearly as may be, to the Atomic Energy Act of 1954 and regulations issued thereunder, to the end that there may, in effect, be a single harmonious system of regulation within the state.

(b) The state of Connecticut recognizes that the development of industries producing or utilizing atomic energy may result in new conditions calling for changes in the laws of the state and in regulations issued thereunder with respect to health and safety, working conditions, workers' compensation, transportation, public utilities, life, health, accident, fire and casualty insurance, the conservation of natural resources, including wildlife, and the protection of streams, rivers and airspace from pollution, and therefore

declares the policy of the state to be (1) to adapt its laws and regulations to meet the new conditions in ways that will encourage the healthy development of industries producing or utilizing atomic energy while at the same time protecting the public interest; (2) to initiate continuing studies of the need for changes in the relevant laws and regulations of the state by the respective agencies of the state which are responsible for their administration; and (3) to assure the coordination of the studies thus undertaken, particularly with other atomic industrial development activities of the state and with the development and regulatory activities of other states and of the government of the United States.

(June, 1955, S. 1933d; P.A. 79-376, S. 25.)

History: P.A. 79-376 replaced “workmen's compensation” with “workers' compensation” in Subsec. (b); Sec. 19-404 transferred to Sec. 16a-100 in 1983.

Cited. 243 C. 66.

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**Sec. 16a-101. (Formerly Sec. 19-405). Definitions.** As used in this chapter:

(1) “Atomic energy” means all forms of energy released in the course of nuclear fission or nuclear transformation;

(2) “By-product material” means any radioactive materials, except special nuclear materials, yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing special nuclear materials;

(3) “Production facility” means (A) any equipment or device capable of the production of special nuclear material in such quantity as to be of significance to the common defense and security, or in such manner as to affect the health and safety of the public; or (B) any important component part especially designed for such equipment or device;

(4) “Special nuclear material” means (A) plutonium and uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Governor declares by order to be special nuclear material after the United States Atomic Energy Commission has determined the material to be such; or (B) any material artificially enriched by any of the foregoing;

(5) “Utilization facility” means (A) any equipment or device, except an atomic weapon, capable of making use of special nuclear materials in such quantity as to be of significance to the common defense and security, or in such manner as to affect the health and safety of the public, or peculiarly adapted for making use of atomic energy in such quantity as to be of significance to the common defense and security, or in such manner as to affect the health and safety of the public; or (B) any important component part especially designed for such equipment or device.

(June, 1955, S. 1934d.)

History: Sec. 19-405 transferred to Sec. 16a-101 in 1983.

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**Sec. 16a-102. (Formerly Sec. 19-409). Coordination of atomic development activities by the Commissioner of Energy and Environmental Protection.** (a) The Commissioner of Energy and Environmental Protection shall coordinate all atomic development activities in the state. Said commissioner or his designee shall (1) advise the Governor with respect to atomic industrial development within the state; (2) act as coordinator of the development and regulatory activities of the state relating to the industrial and commercial uses of atomic energy; (3) act as deputy of the Governor in matters relating to atomic energy, including participation in the activities of any committee formed by the New England states to represent their interests in such matters and also cooperation with other states and with the government of the United States; (4) coordinate the studies, recommendations and proposals of the several departments and agencies of the state required by section 16a-103 with each other and also with the programs and activities of the development commission. So far as practicable, he shall coordinate the studies conducted, and the recommendations and proposals made, in this state with like activities in the New England and other states and with the policies and regulations of the Energy Research and Development Administration and the Nuclear Regulatory Commission. In carrying out his duties, he shall proceed in close cooperation with the development commission.

(b) The several agencies of the state which are directed by section 16a-103 to initiate and pursue continuing studies are directed to keep the Commissioner of Energy and Environmental Protection fully and currently informed as to their activities relating to atomic energy. No regulation or amendment to a regulation applying specifically to an atomic energy matter which any such agency may propose to issue shall become effective until thirty days after it has been submitted to the Commissioner of Energy

and Environmental Protection, unless, upon a finding of emergency need, the Governor by order waives all or any part of this thirty-day period.

(c) The Commissioner of Energy and Environmental Protection or his designee shall keep the Governor and the several interested agencies informed as to private and public activities affecting atomic industrial development and shall enlist their cooperation in taking action to further such development as is consistent with the health, safety and general welfare of this state.

(d) Within amounts appropriated for the purposes of this section, the Commissioner of Energy and Environmental Protection may retain on a contractual or other basis such assistance as is required to carry out the purposes of this section.

(June, 1955, S. 1938d; 1967, P.A. 134, S. 1; 1969, P.A. 181, S. 1; P.A. 75-537, S. 51, 55; P.A. 77-614, S. 53, 610; P.A. 11-80, S. 1.)

History: 1967 act added Subsec. (f); 1969 act replaced coordinator of atomic development activities with state planning council and commissioner of finance and control, made former Subsec. (b) a Subdiv. of Subsec. (a), deleted Subsec. (e) re per diem and expense reimbursement for abolished coordinator and relettered remaining Subsecs. accordingly; P.A. 75-537 replaced commissioner of finance and control with commissioner of planning and energy policy and United States Atomic Energy Commission with energy research and development administration and nuclear regulatory commission; P.A. 77-614 replaced state planning council and commissioner of planning and energy policy with secretary of the office of policy and management; Sec. 19-409 transferred to Sec. 16a-102 in 1983; pursuant to P.A. 11-80, “Secretary of the Office of Policy and Management” and “secretary” were changed editorially by the Revisors to “Commissioner of Energy and Environmental Protection” and “commissioner”, respectively, effective July 1, 2011.

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**Sec. 16a-103. (Formerly Sec. 19-408). State agencies to study laws and regulations.** Each of the following-named state agencies is directed to initiate and to pursue continuing studies as to the need, if any, for changes in the laws and regulations administered by it that would arise from the presence within the state of special nuclear materials and by-product materials and from the operation herein of production or utilization facilities, and, on the basis of such studies, to make such recommendations for the enactment of laws or amendments to law administered by it, and such proposals for amendments to the regulations issued by it, as may appear necessary and

appropriate: (1) The Department of Public Health, particularly as to hazards, if any, to the public health and safety; (2) the Labor Department, particularly as to hazardous working conditions, if any; (3) the Workers' Compensation Commission, particularly as to the time and character of proof of claims or injuries and the extent of the compensation allowable therefor; (4) the Department of Motor Vehicles and the Division of State Police within the Department of Emergency Services and Public Protection, particularly as to the transportation of special nuclear materials and by-product materials on highways of the state; (5) the Public Utilities Regulatory Authority, particularly as to the transportation of special nuclear materials and by-product materials by common carriers not in interstate commerce and as to the participation by public utilities subject to its jurisdiction in projects looking to the development of production or utilization facilities for industrial or commercial use; (6) the Insurance Commissioner, particularly as to the insurance of persons and property from hazards to life and property resulting from atomic development; (7) the Commissioner of Energy and Environmental Protection, particularly as to the hazards, if any, to the natural resources of the state, including, without limitation, wildlife, air pollution and the protection, if necessary, of all waterways, including, without limitation, tidal waters, rivers, lakes and streams, from pollution; and (8) such other agencies as the Governor may direct and for the purposes specified by him. No additional employees shall be hired for the purpose of carrying on such studies.

(June, 1955, S. 1937d; 1957, P.A. 4; 364, S. 8; 1971, P.A. 872, S. 153; P.A. 75-486, S. 49, 69; P.A. 77-614, S. 162, 163, 323, 486, 610; P.A. 79-376, S. 26; P.A. 80-482, S. 173, 348; P.A. 93-381, S. 9, 39; P.A. 95-257, S. 12, 21, 58; P.A. 11-51, S. 134; 11-80, S. 1.)

History: 1971 act deleted reference to air pollution as hazard to public health and safety in Subdiv. (a), replaced board of fisheries and game with commissioner of environmental protection in Subdiv. (g), included air pollution and merged Subdiv. (h) into Subdiv. (g), deleting reference to water resources commission, and relettered former Subdiv. (i) as Subdiv. (h); P.A. 75-486 replaced public utilities commission with public utilities control authority in Subdiv. (e); P.A. 77-614 replaced public utilities control authority with division of public utility control within the department of business regulation, and department of health with department of health services in Subdiv. (a), placed insurance commissioner within the department of business regulation and made insurance department a division within that department in Subdiv. (f) and made state police department a division within the department of public safety in Subdiv. (d), effective January 1, 1979; P.A. 79-376 replaced "workmen's compensation" with "workers' compensation" in Subdiv. (c); P.A. 80-482 made division of public utility control an independent department, restored insurance commissioner as head of independent insurance department and deleted references to abolished department of business regulation; Sec. 19-408 transferred to Sec. 16a-103 in

1983 and alphabetic Subdiv. indicators changed editorially by the Revisors to numeric indicators; P.A. 93-381 replaced department of health services with department of public health and addiction services, effective July 1, 1993; P.A. 95-257 replaced Commissioner and Department of Public Health and Addiction Services with Commissioner and Department of Public Health, effective July 1, 1995; (Revisor's note: In 1997 references throughout the general statutes to "Motor Vehicle(s) Commissioner" and "Motor Vehicle(s) Department" were replaced editorially by the Revisors with "Commissioner of Motor Vehicles" or "Department of Motor Vehicles", as the case may be, for consistency with customary statutory usage); pursuant to P.A. 11-51, "Department of Public Safety" was changed editorially by the Revisors to "Department of Emergency Services and Public Protection" in Subdiv. (4), effective July 1, 2011; pursuant to P.A. 11-80, "Department of Public Utility Control" was changed editorially by the Revisors to "Public Utilities Regulatory Authority" in Subsec. (5) and "Commissioner of Environmental Protection" was changed editorially by the Revisors to "Commissioner of Energy and Environmental Protection" in Subdiv. (7), effective July 1, 2011.

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**Sec. 16a-104. (Formerly Sec. 19-406). License or permit for certain activity.** No person shall manufacture, construct, produce, transfer, acquire or possess any special nuclear material, by-product material, production facility or utilization facility, or act as an operator of a production or utilization facility wholly within this state, unless he has first obtained a license or permit for the activity in which he proposes to engage from the United States Atomic Energy Commission if, pursuant to the Atomic Energy Act of 1954, the commission requires a license or permit to be obtained by persons proposing to engage in activities of the same type over which it has jurisdiction.

(June, 1955, S. 1935d.)

History: Sec. 19-406 transferred to Sec. 16a-104 in 1983.

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**Sec. 16a-105. (Formerly Sec. 19-407). Attorney General to enforce statutes.** Whenever, in the opinion of the Attorney General, any person is violating or is about to violate section 16a-104, the Attorney General may apply to the appropriate



court for an order enjoining the person from engaging or continuing to engage in the activity violative of this chapter and, upon a showing that such person has engaged, or is about to engage, in any such activity, a permanent or temporary injunction, restraining order or other order may be granted.

(June, 1955, S. 1936d.)

History: Sec. 19-407 transferred to Sec. 16a-105 in 1983.

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**Sec. 16a-106. (Formerly Sec. 19-409d). Transporting of radioactive materials in the state. Permit required. Regulations. Exemptions. Penalty.** (a) No person shall transport into or through the state any of the following materials: (1) Any quantity of radioactive material specified as a “large quantity” by the Nuclear Regulatory Commission in 10 CFR, Part 71, entitled “Packaging of Radioactive Material for Transport”, (2) any quantity of radioactive waste which has been produced as part of the nuclear fuel cycle and which is being shipped from or through the state to a waste disposal site or facility, or (3) any shipment of radioactive material or waste which is carried by commercial carrier and which is required in 10 CFR or 49 CFR to have a placard unless such person has been granted a permit to transport such materials from the Commissioner of Transportation.

(b) Prior to the transporting of such materials, such person shall apply to the Commissioner of Transportation for a permit and provide said commissioner with the following information: (1) Name of shipper, (2) name of carrier, (3) type and quantity of radioactive material or waste, (4) proposed date and time of shipment, (5) starting point, scheduled route, and destination, and (6) any other information required by the commissioner. Said commissioner shall grant such permit upon a finding that the transporting of such material shall be accomplished in a manner necessary to protect the public health and safety of the citizens of the state. Such permit shall be granted or denied not later than three days, Saturdays and Sundays excluded, after such person has applied for such permit, except that if the commissioner determines that additional time is required to evaluate such application, the commissioner shall notify such person not later than such three-day period that such additional time is required. Said commissioner may require changes in dates, routes or time for the transporting of such material or the use of escorts in the transporting of such material or waste if necessary to protect the public health and safety. The commissioner may consult with the Commissioner of Energy and Environmental Protection and the Commissioner of Emergency Services

and Public Protection prior to the granting of such permit and shall immediately notify the Commissioner of Emergency Services and Public Protection of the granting of any permit and of the terms and conditions of such permit. The Commissioner of Emergency Services and Public Protection shall establish an inspection procedure along scheduled routes to ensure compliance with permit conditions and with regulations adopted by the Commissioner of Transportation pursuant to subsection (c) of this section.

(c) The Commissioner of Transportation shall, after consultation with the Commissioner of Energy and Environmental Protection, the Commissioner of Emergency Services and Public Protection, representatives of the federal Nuclear Regulatory Commission and the United States Department of Transportation, adopt regulations, pursuant to chapter 54, to carry out the provisions of this section. The Commissioner of Transportation shall, after consultation with the Commissioner of Emergency Services and Public Protection, establish by regulations adopted pursuant to chapter 54 a permit fee schedule commensurate with the cost of administering the provisions of this section.

(d) This section 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.

(e) Notwithstanding the provisions of the Freedom of Information Act, as defined in section 1-200, the Commissioner of Transportation shall not disclose to any person other than the Commissioner of Energy and Environmental Protection or the Commissioner of Emergency Services and Public Protection any information provided the Commissioner of Transportation pursuant to subsection (b) of this section prior to the completion of such shipment to which such information relates.

(f) Any person who violates any provision of this section shall be fined not more than ten thousand dollars for each violation.

(P.A. 76-321, S. 1, 2; P.A. 77-162; 77-614, S. 19, 486, 610; P.A. 79-527, S. 1; P.A. 90-230, S. 22, 101; P.A. 97-47, S. 21; P.A. 04-219, S. 8; P.A. 07-217, S. 68; P.A. 11-51, S. 157; 11-80, S. 1.)

History: P.A. 77-162 prohibited transport of radioactive material or waste carried by commercial carrier and required to have a placard without permit in Subsec. (a); P.A. 77-614 replaced commissioner of planning and energy policy with secretary of the office of policy and management and, effective January 1, 1979, replaced commissioner of state police with commissioner of public safety and made state police department a



division within department of public safety; P.A. 79-527 required notification of public safety commissioner when permit issued, required public safety commissioner to establish inspection procedure and required transportation commissioner to consult with public safety commissioner concerning regulations; Sec. 19-409d transferred to Sec. 16a-106 in 1983; P.A. 90-230 corrected a reference to the director of emergency management in Subsec. (c); P.A. 97-47 amended Subsec. (e) by substituting “the Freedom of Information Act, as defined in Sec. 1-18a” for list of sections; P.A. 04-219 amended Subsec. (c) to substitute Commissioner of Emergency Management and Homeland Security for director of emergency management, effective January 1, 2005; P.A. 07-217 made technical changes in Subsecs. (a) and (b), effective July 12, 2007; P.A. 11-51 replaced “Commissioner of Public Safety” and “Commissioner of Emergency Management and Homeland Security” with “Commissioner of Emergency Services and Public Protection” and made a technical change, effective July 1, 2011; pursuant to P.A. 11-80, “Commissioner of Environmental Protection” and “Secretary of the Office of Policy and Management” were changed editorially by the Revisors to “Commissioner of Energy and Environmental Protection”, effective July 1, 2011.

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**Sec. 16a-107. (Formerly Sec. 19-409e). Authority of Commissioner of Transportation concerning transport of radioactive material or waste supersedes any municipal ordinance.** No municipality shall adopt an ordinance which in any way restricts the authority of the Commissioner of Transportation to designate the dates, routes or time for the transporting of such radioactive material or waste and said commissioner's authority shall supersede the provisions of any existing municipal ordinance to the contrary.

(P.A. 79-527, S. 2.)

History: Sec. 19-409e transferred to Sec. 16a-107 in 1983.

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**Sec. 16a-108.** Reserved for future use.

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