



# **119th MAINE LEGISLATURE**

# **SECOND REGULAR SESSION-2000**

Legislative Document

No. 2496

S.P. 955

In Senate, January 24, 2000

An Act to Clarify the Authority of State Environmental and Public Health Officials to Monitor and Regulate Nuclear Power Plant Decommissioning, Site Cleanup and Restoration Activities.

(EMERGENCY)

Approved for introduction by a majority of the Legislative Council pursuant to Joint Rule 203.

Reference to the Committee on Natural Resources suggested and ordered printed.

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JOY J. O'BRIEN Secretary of the Senate

Presented by Senator TREAT of Kennebec. Cosponsored by Representative SHIAH of Bowdoinham and Senator NUTTING of Androscoggin, Representatives: COWGER of Hallowell, DUPLESSIE of Westbrook, LaVERDIERE of Wilton, RINES of Wiscasset. **Emergency preamble. Whereas,** Acts of the Legislature do not 2 become effective until 90 days after adjournment unless enacted as emergencies; and

Whereas, it is crucial that the Legislature clarify the
necessary authority of state environmental and health agencies to
identify and properly oversee the cleanup of radioactive and
toxic contamination at the Maine Yankee nuclear power plant site
during decommissioning; and

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Whereas, without this necessary authority neither the public nor businesses interested in potential reuse of the Maine Yankee site can be assured that the site meets the environmental and health standards established by the State; and

16 Whereas, the decommissioning of the Maine Yankee nuclear power plant is currently underway on a "fast track" and within 18 the next year the existing structure will be demolished or shipped off site; and

nature Whereas, due to the fast-track of the decommissioning, if the necessary authority of state agencies is 22 not clarified as soon as possible by the Legislature, the decommissioning process will proceed beyond the point at which 24 state environmental and health agencies can adequately determine 26 that state standards have been met and public health and the environment have been protected; and

Whereas, in the judgment of the Legislature, these facts 30 create an emergency within the meaning of the Constitution of Maine and require the following legislation as immediately 32 necessary for the preservation of the public peace, health and safety; now, therefore,

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#### Be it enacted by the People of the State of Maine as follows:

Sec. 1. 22 MRSA §664, sub-§2, as amended by PL 1997, c. 686, 38 §5, is further amended to read:

40 2. Monitoring. Each facility licensee shall permit monitoring, for the purposes of this chapter, of the premises, 42 equipment and materials, including source, special nuclear and by-product materials, in its possession or use, or subject to its 44 control and any vehicle or means of transportation used to remove materials or equipment from the site, including, but not limited 46 to, by rail, water, roadway or air. For the purposes of this subsection, "monitoring" means observing the conduct of 48 operations, including maintenance, quality assurance activities, the preparation, transportation and handling of radioactive emissions monitoring, radiation protection 50 waste, and the observation of emergency preparedness tests and drills. Nothing in this chapter prohibits a State Nuclear Safety Inspector from 52

participating in licensee training activities that are scheduled for licensee personnel.

4	For the purposes of this subsection, "monitoring" also means taking analytical radiological measurements and samples to
6	provide or oversee the following: quality assurance activities; the preparation, transportation and handling of radioactive
8	waste; emissions monitoring; radiation protection and confirmatory studies intended to verify facility licensee
10	measurements submitted to the United States Nuclear Regulatory Commission for the purposes of terminating all or a portion of
12	the facility license. "Monitoring" also means taking other measurements and samples determined necessary by the commissioner
14	to protect public health. When required and permissible by state and federal law, radioactive samples may be transferred from the
16	facility licensee to the State Nuclear Inspector Office in accordance with facility licensee procedures.
18	Sec. 2. 38 MRSA §1303-C, sub-§34, ¶J, as enacted by PL 1989, c.
20	585, Pt. E, $\S4$ , is amended to read:
22	J. Spent filter media and residue; and
24	Sec. 3. 38 MRSA §1303-C, sub-§34, ¶J-1 is enacted to read:
26	J-1. Construction and demolition debris or soil materials, rock, bricks or concrete that are mixed with other waste or
28	<u>otherwise contaminated, including radioactive contamination;</u> and
30	Sec. 4. 38 MRSA §1305-B, sub-§1, as enacted by PL 1999, c.
32	366, §1, is amended to read:
34	<ol> <li>Disposal; notice. A person may not dispose of decommissioning waste or transfer decommissioning waste to a</li> </ol>
36	facility defined in section 1303-C, subsection 30 or 31 in this State without giving notice to the municipality in which the
38	decommissioning waste is to be disposed of. Notice must be given at least 5 working days before the first scheduled disposal. The
40	notice must include:
42	A. The type of decommissioning waste to be delivered to the landfill;
44	B. The anticipated amount of decommissioning waste to be
46	delivered to the landfill;
48	C. The anticipated number of loads that will be delivered to the landfill; and
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52	D. The estimated delivery schedule of the decommissioning waste, including dates for delivery.

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### Sec. 5. 38 MRSA §1455 is enacted to read:

## 4 §1455. Cumulative risk level

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6	Notwithstanding any provision of Title 22, chapter 159-A or
8	160, the cumulative risk level for radioactive contamination and toxic chemical contamination at a site in which the decommissioning of a nuclear power plant has been completed may
10	not exceed one in 1,000,000. For purposes of this section, "risk level" means the ratio of the number of people adversely affected
12	by a level of contamination that results in a medical condition requiring ongoing medical treatment as compared to the number of
14	people exposed. The department may adopt routine technical rules pursuant to Title 5, chapter 375, subchapter II-A to carry out
16	the purposes of this section.
18	<b>Emergency clause.</b> In view of the emergency cited in the preamble, this Act takes effect when approved.
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22	SUMMARY
24	This bill clarifies the monitoring and decommissioning of Maine Yankee by:
<b>24</b> 26	Maine Yankee by:
26	Maine Yankee by: 1. Adding vehicles leaving the Maine Yankee site to the
26 28	Maine Yankee by: 1. Adding vehicles leaving the Maine Yankee site to the list of monitored equipment and materials;
26 28 30	Maine Yankee by: 1. Adding vehicles leaving the Maine Yankee site to the list of monitored equipment and materials; 2. Clarifying the definition of "monitoring"; 3. Adding contaminated construction and demolition debris
26 28 30 32	Maine Yankee by: 1. Adding vehicles leaving the Maine Yankee site to the list of monitored equipment and materials; 2. Clarifying the definition of "monitoring"; 3. Adding contaminated construction and demolition debris to the definition of "special waste";
26 28 30 32 34	Maine Yankee by: 1. Adding vehicles leaving the Maine Yankee site to the list of monitored equipment and materials; 2. Clarifying the definition of "monitoring"; 3. Adding contaminated construction and demolition debris to the definition of "special waste"; 4. Requiring notice to a municipality that has a solid waste facility or solid waste disposal facility in its