

# MAINE STATE LEGISLATURE

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STATE OF MAINE  
HOUSE OF REPRESENTATIVES  
115TH LEGISLATURE  
FIRST REGULAR SESSION

COMMITTEE AMENDMENT "B" to H.P. 557, L.D. 800, Bill, "An Act to Protect the Public Health by Strengthening Maine's Radiation Protection Program"

Amend the bill by striking out everything after the enacting clause and before the statement of fact and inserting in its place the following:

Sec. 1. 22 MRSA §664, sub-§2, as enacted by PL 1987, c. 519, §1, is amended to read:

2. **Monitoring.** Each nuclear power plant licensee shall permit monitoring, for the purposes of this chapter, of the premises, equipment and materials, including source, special nuclear and by-product materials, in its possession or use, or subject to its control. For the purposes of this subsection, ~~monitoring~~ "monitoring" means observing the conduct of operations, including maintenance, quality assurance activities, the preparation, transportation and handling of radioactive waste, emissions monitoring, radiation protection and the observation of emergency preparedness tests and drills. Nothing in this chapter prohibits a State Nuclear Safety Inspector from participating in licensee training activities which that are scheduled for licensee personnel.

Sec. 2. 22 MRSA §674, sub-§4, ¶¶L and M, as enacted by PL 1987, c. 769, Pt. A, §69, are amended to read:

L. Shall establish and maintain a continuous radiation monitoring system to record the radioactive levels of gaseous and liquid discharges from any commercial nuclear power facility operating in the State; and

2 M. Shall establish and maintain an off-site monitoring  
network to provide continuous monitoring of gamma radiation  
4 levels within the vicinity of any commercial nuclear power  
facility operating in the State. Portable off-site  
6 monitoring devices shall must be made available to members  
of the public to establish a network of volunteer monitors  
8 who shall report to the department their findings. For this  
purpose, the department shall make Geiger Rate meters  
available to 50 volunteer monitors. In addition to the  
10 placement of Geiger Rate meters, the department shall  
procure 20 Gamma Scintillation Detection Devices and place  
12 16 of them in homes of members of the public who volunteer  
to participate in the program. The 4 additional devices  
14 shall must be maintained by the department in reserve. The  
volunteers with Gamma Scintillation Detection Devices shall  
16 must also be provided with 2-way radios so they can report  
their findings in the case of emergency. All volunteers  
18 will shall assist the department in its continuous  
monitoring network. All off-site monitoring devices shall  
20 must be geographically distributed throughout the  
surveillance area to provide the most effective monitoring  
22 network. The department shall adopt rules to provide for  
the selecting of the volunteers, the appropriate and  
24 accurate use of the meters and devices and the method and  
frequency of reporting to the department and other  
26 procedures necessary to implement the program; and

28 **Sec. 3. 22 MRSA §674, sub-§4, ¶N** is enacted to read:

30 N. Shall provide 24-hour-per-day coverage of existing  
radiation monitors through the use of a dialer-server  
32 computer system and the use of pagers.

34 **Sec. 4. 22 MRSA §680, sub-§1**, as amended by PL 1987, c. 882,  
§3, is further amended to read:

36  
1. **Nuclear power plants.** The annual registration fee for  
38 operating nuclear power plants is ~~\$310,000~~ \$138,000 for the  
fiscal year ~~ending-1989, 1991-92~~ and \$100,000 ~~thereafter~~ per year  
40 in subsequent fiscal years.

42 **Sec. 5. Radiation Monitoring Issues Committee.** In addition to  
the ongoing duties described in the Maine Revised Statutes, Title  
44 5, section 52, the State Nuclear Safety Advisor shall convene and  
chair a special committee to study certain issues relating to the  
46 monitoring of radiation emissions from any nuclear electricity  
generating station located within the State. In particular, the  
48 committee shall consider the adequacy of existing monitoring  
systems and evaluate the need for, and potential nature of,  
50 additional systems. The committee consists of one representative  
of the general public from the community surrounding any nuclear

2 station, one representative from the scientific or medical  
community having knowledge of the effects of radiation on public  
4 health, the State Nuclear Safety Inspector and one representative  
of any nuclear station. The committee members, with the  
6 exception of the State Nuclear Safety Inspector, must be selected  
by the State Nuclear Safety Advisor. Committee members who are  
8 not state employees must be reimbursed for expenses in accordance  
with Title 5, chapter 379. The State Planning Office may include  
10 the costs of this special committee in calculating the amount of  
the fee assessed under Title 25, section 52, subsection 3. The  
12 committee shall prepare a report of its findings and  
recommendations and present that report to the Joint Standing  
Committee on Human Resources no later than January 1, 1992.

14 **Sec. 6. Allocation.** The following funds are allocated from  
16 Other Special Revenue to carry out the purposes of this Act.

18 1991-92

20 **EXECUTIVE DEPARTMENT**

22 **State Planning Office**

24 All Other \$25,000

26 Provides for an allocation of funds for  
consultant services to assist the Radiation  
28 Monitoring Issues Committee in conducting a  
study of radiation monitoring systems.

30 **EXECUTIVE DEPARTMENT**  
32 **TOTAL** \$25,000

34 **HUMAN SERVICES, DEPARTMENT OF**

36 **Special Revenue - Health**

38 Capital Expenditures \$38,000

40 Provides for an allocation of funds to  
purchase computer software and pagers  
42 necessary for 24-hour coverage of existing  
radiation monitors.

44 **DEPARTMENT OF HUMAN SERVICES**  
46 **TOTAL** \$38,000

48 **TOTAL ALLOCATIONS** \$63,000

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FISCAL NOTE

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1991-92

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APPROPRIATIONS/ALLOCATIONS

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Other Funds

\$63,000

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REVENUES

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Other Funds

\$63,000

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This bill provides allocations of Other Special Revenue funds to the Department of Human Services and the Executive Department for consultant services to assist the Radiation Monitoring Issues Committee and for capital expenditures. There will be an increase in dedicated revenue in the amount of \$38,000 in fiscal year 1991-92 from an increase in the annual registration fee for operating nuclear power plants and \$25,000 from the fee assessed to each nuclear power plant licensee.

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The costs associated with reimbursing individual committee member expenses will be absorbed within the budgeted resources of the State Nuclear Safety Advisor.'

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STATEMENT OF FACT

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This amendment replaces the on-line, automated liquid and gaseous effluent monitoring systems required by the original bill with an enhancement of the current radiation monitoring system to allow 24-hour-per-day coverage of monitors. Fees paid by the Maine Yankee Nuclear Power Plant are increased in fiscal year 1991-92 to pay for new equipment required.

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This amendment also provides for a study of the adequacy of existing radiation monitoring systems in place at Maine Yankee Nuclear Power Plant. The Radiation Monitoring Issues Committee will be chaired by the State Nuclear Safety Advisor, located in the State Planning Office. The State Planning Office is authorized to increase an existing assessment for the costs of the committee.

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Reported by the Committee on Human Resources  
Reproduced and distributed under the direction of the Clerk of the House  
(6/11/91) (Filing No. H-631)