

(2) *Low pressure steam or vapor heating boilers and hot water boilers shall receive a certificate inspection biennially.*

(3) *Nuclear vessels within the scope of this Act shall be inspected and reported in such form and with such appropriate information as the Chief Boiler Inspector shall designate.*

(4) *The Board may extend the interval between inspections of certain power boilers to two years where (a) the boiler has internal continuous water treatment under the general supervision of a registered professional engineer having experience in the treatment of boiler water and (b) the owner or user of such boiler keeps available for examination by the chief inspector or by any of the deputy or special inspectors accurate records showing (i) the date and actual time such boiler is out of service and the reason or reasons therefor and (ii) such chemical and physical analysis of samples of the boiler water taken at regular intervals of not more than forty-eight hours of operation as will adequately show the condition of such water and any elements or characteristics thereof which are capable of producing corrosion or other deterioration of the boiler or its parts.*

(5) *A grace period of two months beyond the periods specified in subdivisions (1), (2), (3) and (4) of this subsection may elapse between certificate inspections.*

(6) *Under the provisions of this Act the Board is responsible to provide for the safety of life, limb and property and therefore has jurisdiction over the interpretation and application of the inspection requirements as provided for in the rules and regulations which it has formulated. Inspection requirements of operating equipment shall be in accordance with generally accepted practice and compatible with the actual service conditions, such as (i) previous experience, based on records of performance and maintenance; (ii) location, with respect to personnel hazard; (iii) provision for related safe operation controls; and (iv) interrelation with other operations outside the scope of this Act.*

(c) *The inspections herein required shall be made by the Chief Boiler Inspector, by a Deputy Boiler Inspector, or by a Special Inspector provided for by this Act.*

(d) *If, at the discretion of the inspector, a hydrostatic test shall be deemed necessary, it shall be made by the owner or user of the boiler.*

(e) *All boilers, other than cast iron sectional boilers, to be installed in this State after the twelve-month period from the date upon which the rules and regulations of the Board shall become effective shall be inspected during construction or field assembly as required by the applicable rules and regulations of the Board by an inspector authorized to inspect boilers in this State or, if constructed outside the State, by an inspector holding a commission as an inspector of boilers for a state that has a standard of examination substantially equal to that of this State or a commission issued by the National Board of Boiler and Pressure Vessel Inspectors.*

177.

(a) *Each company employing such special inspectors meeting the requirements of Section 174 of this Act shall, within thirty (30)*