

### ADMINISTRATIVE RULES – FISCAL ESTIMATE

1. **Fiscal Estimate Version**

Original    Updated    Corrected

2. Administrative Rule Chapter Title and Number

DHS 157, Radiation Protection

3. Subject

To revise ch. DHS 157, relating to regulation of x-ray producing devices and radioactive materials

4. **State Fiscal Effect:**

<input checked="" type="checkbox"/> No Fiscal Effect	<input type="checkbox"/> Increase Existing Revenues	<input type="checkbox"/> Increase Costs
<input type="checkbox"/> Indeterminate	<input type="checkbox"/> Decrease Existing Revenues	<input type="checkbox"/> Yes <input type="checkbox"/> No   May be possible to absorb within agency's budget.
		<input type="checkbox"/> Decrease Costs

5. Fund Sources Affected:

GPR    FED    PRO    PRS    SEG    SEG-S

6. Affected Ch. 20, Stats. Appropriations:

7. **Local Government Fiscal Effect:**

<input checked="" type="checkbox"/> No Fiscal Effect	<input type="checkbox"/> Increase Revenues	<input type="checkbox"/> Increase Costs
<input type="checkbox"/> Indeterminate	<input type="checkbox"/> Decrease Revenues	<input type="checkbox"/> Decrease Costs

8. Local Government Units Affected:

Towns    Villages    Cities    Counties    School Districts    WTCS Districts    Others:

9. **Private Sector Fiscal Effect (small businesses only):**

<input type="checkbox"/> No Fiscal Effect	<input type="checkbox"/> Increase Revenues	<input checked="" type="checkbox"/> Increase Costs
<input type="checkbox"/> Indeterminate	<input type="checkbox"/> Decrease Revenues	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   May have significant economic impact on a substantial number of small businesses
	<input type="checkbox"/> Yes <input type="checkbox"/> No   May have significant economic impact on a substantial number of small businesses	<input type="checkbox"/> Decrease Costs

10. Types of Small Businesses Affected:

Any facility using x-ray devices for human or animal diagnostic or therapeutic purposes, including hospitals, medical clinics, dentists, chiropractors, veterinarians and podiatrists.

---

## 11. Fiscal Analysis Summary

---

Under s. 254.34 (1) (a) Stats., the Department of Health Services is responsible for developing and enforcing rules, including registration and licensing of sources of ionizing radiation. Sources of ionizing radiation include x-ray producing devices. The Department is also responsible for maintaining compliance with an agreement between Wisconsin and the federal Nuclear Regulatory Commission (NRC) that transferred regulatory authority over certain radioactive materials from the NRC to the state.

The current rule revision is intended to bring Wisconsin into compliance with the most recent changes to federal radiation protection and regulatory requirements. No fiscal effect is anticipated as a result of the incorporation of new federal standards into DHS 157.

In addition, the Department proposes to update certain radiation safety requirements. Since the last revision of DHS 157 in 2006, new x-ray technologies with the potential for significant radiation exposures to operators and patients have become more prevalent in the state. This rule revision proposes to establish operator qualification and safety requirements for these new technologies. The new x-ray technologies are primarily being used by large medical facilities, which are not classified as a small business under s 227.114 (1) (a), Stats. The new technologies are also being used by a small subset of veterinary facilities that are classified as a small business. The training needed to become qualified to operate these new technologies is available and may be accomplished in-house by being incorporated into existing radiation safety programs. Some facilities are already providing operator training to meet facility requirements. Any additional training cost will vary by facility but is not expected to be significant for any facility.

The Department is also proposing new quality assurance requirements for the digital x-ray systems that are being increasingly used in medical, dental, chiropractic and podiatric offices within the state. Digital x-ray systems use a digital (i.e., electronic) image receptor that replaces the use of x-ray film. The Department does not expect a significant cost to any facility from these new requirements.

Finally, the Department is proposing minimum training for all operators of fluoroscopy devices, including physicians. Fluoroscopy devices produce a continuous x-ray image of the body with potential for significant radiation exposure to both the patient and medical personnel. Fluoroscopy devices are used by most hospitals, plus a small subset of medical clinics, chiropractic and veterinary facilities. Although there will be a cost to complete the operator qualification training, either through formal continuing education or in-house training, it is anticipated that there will be only a minimal fiscal impact on any single facility.

The proposed changes to x-ray safety requirements are not the result of the changes in federal standards, although the changes are consistent with safety standards recommended by national organizations, specifically the American Association of Physicists in Medicine (AAPM) and the Conference of Radiation Control Program

Directors (CRCPD). The new standards can be incorporated into the training required of most occupations that use radiation producing devices and thus are not expected to be a significant additional cost to any facility or individual. The Department is not proposing a fee increase in this rule revision.

---

**12. Long-Range Fiscal Implications**

---

None known.

13. Name - Prepared by Paul Schmidt	Telephone Number 608 267-4792	Date March 23, 2009
14. Name – OSF Analyst Reviewer Ellen Hadidian	Telephone Number 266-8155	Date July 31, 2009
Signature – DHS Secretary or Designee	Telephone Number	Date