



STATE OF WASHINGTON

DEPARTMENT OF HEALTH
DIVISION OF RADIATION PROTECTION

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TO: All Industrial Radiography Licensees & Interested Parties

FROM:  Terry C. Frazee, Supervisor, Radioactive Materials Section

SUBJECT: PROPOSED REGULATION CHANGES; PUBLIC HEARING

The department is proposing to amend its regulations for industrial radiography in order to maintain compatibility with the U. S. Nuclear Regulatory Commission. The main thrust of the rule-making is radiographer certification and the "two-person rule". The amended regulations will require the presence of two radiographic personnel when performing radiography at temporary job sites; require all radiographers to be certified; specify qualifications and duties of the radiation safety officer; add more training requirements for radiographer's assistants. In addition, other regulations will be corrected to be consistent with other federal rules and housekeeping will be done to break up a particularly long section and to correct cross-references.

PROPOSED REGULATION CHANGES: Here is a brief overview of the proposed rules:

- WAC 246-220-007 is amended to correct the definition of "ALARA";
- WAC 246-220-010 is amended to correct the definition of "sealed source";
- WAC 246-221-020 is amended to delete wording that conflicts with the federal rule;
- WAC 246-235-080 is amended to break up a very long section by retaining the medical related rules in this section and moving the industrial radiography rules and the environmentally significant rules to separate sections. Housekeeping or clarifying changes are made to the remaining text;
- WAC 246-235-084 is established from a previous subsection of WAC 246-235-080 and is amended to conform the application requirements to other changes being made, such as related to training and certification, the timing of audits of radiographer job performance, and submission of other information
- WAC 246-235-086 is established from a previous subsection of WAC 246-235-080;
- WAC 246-235-090 is amended to correct cross references;
- WAC 246-243-020 is amended to delete several unnecessary definitions, correct a few definitions, and add many definitions to conform to NRC regulations;
- WAC 246-243-030 is amended to require two qualified individuals at temporary job sites;
- WAC 246-243-042 is established to specify labeling, storage and transportation requirements;
- WAC 246-243-044 is established to require certain records be maintained;
- WAC 246-243-047 is established to specify the qualifications and duties of the radiation safety officer;
- WAC 246-243-050 is amended to update the requirements for an internal inspection of radiographer job performance and radiographer refresher training. The inspection of job performance is changed from a quarterly requirement to a semi-annual requirement.
- WAC 246-243-060 is amended to specify that keys be removed from locks when devices are not under direct observation;

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- WAC 246-243-080 is amended to update instrument requirements and changes the calibration frequency from every three months to every six months;
- WAC 246-243-090 is amended to specify that sources in storage do not need to be leak-tested until moved or used. Testing of devices containing depleted uranium is specified.
- WAC 246-243-100 is amended to cover depleted uranium;
- WAC 246-243-110 is amended to clarify identifying information required for use logs;
- WAC 246-243-120 is amended to update requirements for inspection and maintenance of equipment;
- WAC 246-243-130 is amended to specify the certification and training requirements needed for radiographic personnel;
- WAC 246-243-140 is amended to clarify the contents of operating and emergency procedures;
- WAC 246-243-141 is established to require that copies of current and superceded operating and emergency procedures be maintained;
- WAC 246-243-150 is amended to update dosimetry requirements and to specify actions to be taken if the dosimeter is found to be off-scale, lost or damaged;
- WAC 246-243-160 is amended to correct terminology;
- WAC 246-243-170 is amended to clarify surveillance requirements;
- WAC 246-243-180 is amended to clarify that posting is always required;
- WAC 246-243-190 is amended to clarify when surveys are required;
- WAC 246-243-195 is amended to require licensees to report to the department when radiographic operations are about to exceed 180 days at a temporary job site;
- WAC 246-243-200 is amended to clarify what records are required to be available at temporary job sites;
- WAC 246-243-203 is established to clarify what is an acceptable form of record;
- WAC 246-243-210 is repealed (applicable to x-ray systems, not radioactive materials);
- WAC 246-243-220 is amended to clarify alarm system requirements;
- WAC 246-243-230 is amended to clarify minimum training requirements;
- WAC 246-243-250 is established to specify the requirements for a radiographer certification program;
- WAC 246-252-001 is amended to correct cross reference;
- WAC 246-252-030 is amended to correct cross references;
- WAC 246-254-150 is amended to correct cross reference.

The complete text of these rules can be found in the Washington State Register (expected to be published February 16, 2000); at our WEB site (<http://www.doh.wa.gov/ehp/rp/rp-regis.htm>) or obtained by calling our secretary, Dorrie Dodson, at (360) 236-3220. You can also send her an e-mail request at dorrie.dodson@doh.wa.gov.

The **PUBLIC HEARING** on these rule changes is scheduled for Thursday March 9, 2000, at 1:30 PM, in room 715, Melbourne Tower, 1511 Third Avenue, Seattle, Washington. Written comments should be submitted by March 9, 2000, to Terry C. Frazee at P.O. Box 47827, Olympia, Washington 98504-7827 or via fax at 360-236-2255 or by e-mail at terry.frazee@doh.wa.gov. Assistance for persons with disabilities is also available by contacting Terry C. Frazee at (360) 236-3221 or via e-mail. The TDD number for the hearing impaired is (800) 833-6388. The Washington State Speech to Speech Phone Number is 1-877-833-6341.