

§ 34.1

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APPENDIX A TO 10 CFR PART 34—  
RADIOGRAPHER CERTIFICATION

Authority: Secs. 81, 161, 182, 183, 68 Stat. 935, 948, 953, 954, as amended (42 U.S.C. 2111, 2201, 2232, 2233); sec. 201, 88 Stat. 1242, as amended (42 U.S.C. 5841).

34.33 Permanent radiographic installations.

Section 34.45 also issued under sec. 206, 88 Stat. 1246 (42 U.S.C. 5846).

34.35 Labeling, storage, and transportation.

SOURCE: 62 FR 28963, May 28, 1997, unless otherwise noted.

**Subpart D—Radiation Safety Requirements**

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34.46 Supervision of radiographers' assistants.

34.47 Personnel monitoring.

34.49 Radiation surveys.

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34.53 Posting.

**§34.1 Purpose and scope.**

This part prescribes requirements for the issuance of licenses for the use of sealed sources containing byproduct material and radiation safety requirements for persons using these sealed sources in industrial radiography. The provisions and requirements of this part are in addition to, and not in substitution for, other requirements of this chapter. In particular, the requirements and provisions of 10 Parts 19, 20, 21, 30, 71, 150, 170, and 171 of this chapter apply to applications and licenses subject to this part. This rule does not apply to medical uses of byproduct material.

**Subpart E—Recordkeeping Requirements**

34.61 Records of the specific license for industrial radiography.

34.63 Records of the receipt and transfer of sealed sources.

34.65 Records of radiation survey instruments.

34.67 Records of leak testing of sealed sources and devices containing depleted uranium.

34.69 Records of quarterly inventory.

34.71 Utilization logs.

34.73 Records of inspection and maintenance of radiographic exposure devices, transport and storage containers, associated equipment, source changers, and survey instruments.

34.75 Records of alarm system and entrance control checks at permanent radiographic installations.

34.79 Records of training and certification.

34.81 Copies of operating and emergency procedures.

34.83 Records of personnel monitoring procedures.

34.85 Records of radiation surveys.

**§34.3 Definitions.**

ALARA (acronym for "as low as is reasonably achievable") means making every reasonable effort to maintain exposures to radiation as far below the dose limits specified in 10 CFR Part 20 as is practical consistent with the purpose for which the licensed activity is undertaken, taking into account the state of technology, the economics of improvements in relation to state of technology, the economics of improvements in relation to benefits to the