

Title 33

ENVIRONMENTAL QUALITY

Part XV. Radiation Protection

Chapter 1. General Provisions

§102. Definitions and Abbreviations

As used in these regulations, these terms have the definitions set forth below. Additional definitions used only in a certain chapter may be found in that chapter.

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Medical Event—an event that meets the criteria in LAC 33:XV.613.A, 712.A., or 915.A.

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AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 19:1421 (November 1993), LR 20:650 (June 1994), LR 22:967 (October 1996), LR 24:2089 (November 1998), repromulgated LR 24:2242 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2563 (November 2000), LR 26:2767 (December 2000), LR 30:1171, 1188 (June 2004), amended by the Office of Environmental Assessment, LR 31:44 (January 2005), LR 31:**.

Chapter 6. X-Rays in the Healing Arts

§613. Notifications, Reports, and Records of Medical Events

A. A registrant shall report any medical event, except for an event that results from patient intervention, in which the administration of radiation involves the wrong patient, a procedure different than that which was authorized by the licensed practitioner of the healing arts, or a body site different from that which was authorized and intended to be exposed by the authorized X-ray procedure.

B. A registrant shall report any event resulting from intervention of a patient or human research subject in which the administration of radiation results or will result in unintended permanent functional damage to an organ or a physiological system, as determined by a physician.

C. All reports, notifications, and records shall be in accordance with LAC 33:XV.712.C, D, and F.

D. Aside from the notification requirement, nothing in this Section affects any rights or duties of registrants and physicians in relation to each other, the individual, or the individual's responsible relatives or guardians.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2104 et seq.
 HISTORICAL NOTE: Promulgated by the Department of Environmental Quality,
 Office of Environmental Assessment, LR 31:**.

§615. Report and Notification of a Dose to an Embryo/Fetus

A. A registrant shall report any dose to an embryo/fetus in excess of 50 mSv (5 rem) dose equivalent that is a result of a diagnostic X-ray procedure, in accordance with LAC 33:XV.710.A and C-F.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2104 et seq.
 HISTORICAL NOTE: Promulgated by the Department of Environmental Quality,
 Office of Environmental Assessment, LR 31:**.

Chapter 9. Radiation Safety Requirements for Particle Accelerators

Subchapter B. Radiation Safety Requirements for the Use of Particle Accelerators

§915. Notifications, Reports, and Records of Medical Events

A. A registrant shall report any medical event, except for an event that results from patient intervention, in which the administration of radiation results in one or more of the events described in LAC 33:XV.712.A or involves the wrong patient, wrong treatment site, or wrong mode of treatment.

B. A registrant shall report any event resulting from intervention of a patient or human research subject in which the administration of radiation results or will result in unintended permanent functional damage to an organ or a physiological system, as determined by a physician.

C. All reports, notifications, and records shall be in accordance with LAC 33:XV.712.C, D, and F.

D. Aside from the notification requirement, nothing in this Section affects any rights or duties of registrants and physicians in relation to each other, the individual, or the individual's responsible relatives or guardians.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2104 et seq.
 HISTORICAL NOTE: Promulgated by the Department of Environmental Quality,
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§917. Report and Notification of a Dose to an Embryo/Fetus

A. A registrant shall report any dose to an embryo/fetus in excess of 50 mSv (5 rem) dose equivalent that is a result of a therapeutic X-ray procedure, in accordance with LAC 33:XV.710.A and C-F.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2104 et seq.
 HISTORICAL NOTE: Promulgated by the Department of Environmental Quality,
 Office of Environmental Assessment, LR 31:**.