



Ohio Administrative Code Rule 3701:1-56-09 Reporting requirements.

Effective: August 26, 2016

(A) Each licensee shall notify the director as soon as possible but not later than four hours after the discovery of an event that prevents immediate protective actions necessary to avoid exposures to radiation or radioactive materials that could exceed regulatory limits or releases of licensed material that could exceed regulatory limits (events may include fires, explosions, toxic gas releases, etc.).

(B) Each licensee shall notify the director within twenty-four hours after the discovery of any of the following events involving licensed material:

(1) An unplanned contamination event that:

(a) Requires access to the contaminated area, by workers or the public, to be restricted for more than twenty-four hours by imposing additional radiological controls or by prohibiting entry into the area;

(b) Involves a quantity of material greater than five times the lowest annual limit on intake specified in appendix C to rule 3701:1-38-12 of the Administrative Code for the material; and

(c) Has access to the area restricted for a reason other than to allow radionuclides with a half-life of less than twenty-four hours to decay prior to decontamination.

(2) An event in which equipment is disabled or fails to function as designed when:

(a) The equipment is required by regulation or license condition to prevent releases exceeding regulatory limits, to prevent exposures to radiation and radioactive materials exceeding regulatory limits, or to mitigate the consequences of an accident;

(b) The equipment is required to be available and operable when it is disabled or fails to function; and

(c) No redundant equipment is available and operable to perform the required safety function.



- (3) An event that requires unplanned medical treatment at a medical facility of an individual with spreadable radioactive contamination on the individual's clothing or body.
- (4) An unplanned fire or explosion damaging any licensed material or any device, container, or equipment containing licensed material when:
- (a) The quantity of material involved is greater than five times the lowest annual limit on intake specified in appendix C to rule 3701:1-38-12 of the Administrative Code for the material; and
- (b) The damage affects the integrity of the licensed material or its container.
- (C) Reports made by licensees in response to the requirements of this rule must be made as follows:
- (1) Licensees shall make reports required by paragraphs (A) and (B) of this rule by telephone to the department's twenty-four hour number, 614-644-2727. To the extent that the information is available at the time of notification, the information provided in these reports must include:
- (a) Caller's name, position title, and call back telephone number;
- (b) Date, time, and exact location of the event;
- (c) Description of the event, including:
- (i) Radiological or chemical hazards involved, including isotopes, quantities, and chemical and physical form of any material released;
- (ii) Actual or potential health and safety consequences to the workers, the public, and the environment, including relevant chemical and radiation data for actual personnel exposures to radiation or radioactive materials or hazardous chemicals produced from licensed materials (e.g., level of radiation exposure, concentration of chemicals, and duration of exposure);
- (iii) The sequence of occurrences leading to the event, including degradation or failure of structures,



systems, equipment, components, and activities of personnel relied on to prevent potential accidents or mitigate their consequences; and

(iv) Whether the remaining structures, systems, equipment, components, and activities of personnel relied on to prevent potential accidents or mitigate their consequences are available and reliable to perform their function;

(d) External conditions affecting the event;

(e) Additional actions taken by the licensee in response to the event;

(f) Status of the event (e.g., whether the event is on-going or was terminated);

(g) Current and planned site status, including any declared emergency class;

(h) Notifications, related to the event, that were made or are planned to any local, state, or federal agencies; and

(i) Status of any press releases, related to the event, that were made or are planned.

(2) Each licensee who makes a report required by paragraph (A) or (B) of this rule shall submit a written follow-up report within thirty days of the initial report. Written reports prepared pursuant to other regulations may be submitted to fulfill this requirement if the reports contain all of the necessary information and the appropriate distribution is made. These written reports must be sent to the director in accordance with rule 3701:1-56-12 of the Administrative Code. The reports must include the following:

(a) Complete applicable information required by paragraph (C)(1) of this rule;

(b) The probable cause of the event, including all factors that contributed to the event and the manufacturer and model number (if applicable) of any equipment that failed or malfunctioned; and

(c) Corrective actions taken or planned to prevent occurrence of similar or identical events in the



AUTHENTICATED,
OHIO LEGISLATIVE SERVICE
COMMISSION
DOCUMENT #282828

future and the results of any evaluations or assessments.