

First Notice

JCAR351010-2505806r01

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE I: ATOMIC RADIATION
CHAPTER I: POLLUTION CONTROL BOARD

PART 1010
PROCEDURES FOR REPORTING RELEASES OF
RADIONUCLIDES AT NUCLEAR POWER PLANTS

SUBPART A: GENERAL PROVISIONS

Section

1010.100	Purpose
1010.102	Applicability
1010.104	Scope
1010.106	Definitions
1010.108	Severability

SUBPART B: REPORTING

Section

1010.200	Evaluation of Releases
1010.202	Reporting of Releases
1010.204	Follow-up Written Report

AUTHORITY: Implementing and authorized by Sections 13.6 and 27 of the Environmental Protection Act [415 ILCS 5/13.6 and 27].

SOURCE: Adopted at 32 Ill. Reg. 7789, effective May 2, 2008; amended in R18-28 at 47 Ill. Reg. 6713, effective May 4, 2023; amended in R25-23 at 49 Ill. Reg. _____, effective _____.

SUBPART B: REPORTING

Section 1010.204 Follow-up Written Report

A licensee who reports a release under this Part must provide to the Agency and to IEMA a follow-up written report of the release within five business days after reporting the release.

- a) The follow-up report must confirm and update the information provided by the licensee under Section 1010.202 utilizing the best data available and must also include the following information:

- 1) Copies of all lab analyses used to confirm the presence of, or conducted in response to, the release if lab analyses have been conducted;
 - 2) Plan view and, if available, geological cross-section maps showing the location of the release, the locations of samples taken to confirm the release if samples have been taken, the locations of samples taken in response to the release if samples have been taken, the measured and modeled extents of the release if known, the groundwater flow direction if known, groundwater contours if known, the boundary of the licensee controlled area, and structures, roads, and other surface features;
 - 3) An estimate of the volume and radionuclide concentrations (in pCi/L) of station generated liquids released but not recovered;
 - 4) An estimate of the quantities (in curies) of radionuclides released but not recovered;
 - 5) An updated description of activities taken in response to the release;
 - 6) If additional activities in response to the release are planned, a description of those activities; and
 - 7) The name and signature of the principal executive officer for the nuclear power plant or the principal executive officer's authorized agent.
- b) The follow-up report must be submitted electronically on forms and in a format prescribed by the Agency and must be submitted to addresses prescribed by the Agency and IEMA. Within five business days after submission of the electronic follow-up report, hard copies of the follow-up report must be submitted to the Agency and IEMA at the following addresses:

Illinois Environmental Protection Agency
 Bureau of Water
 Groundwater Section
[The address of the Illinois EPA's headquarters as designated on the Illinois EPA's website.](#)
~~1021 North Grand Avenue East~~
~~P.O. Box 19276~~
~~Springfield, IL 62794-9276~~

Illinois Emergency Management Agency
 Division of Nuclear Safety
 1035 Outer Park Drive

Springfield, IL 62704

- c) The Agency must consult with IEMA in developing the forms and format for reports required under this Section.
- d) The Agency must post copies of the follow-up reports it receives under this Section on the Agency's website.

(Source: Amended at 49 Ill. Reg. _____, effective _____)