



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Event and Event Reporting
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nuclearsafety.gc.ca

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In today's presentation

- What is an event?
- Types of events and regulatory reference,
- Short term expectations,
- Long term expectations.



What is an event?

- *An event may be described as, An occurrence of any one or combination of unusual and/or unplanned reporting requirements that derive from the Nuclear Safety and Control Act (NSCA) or related regulations.*



Events reported annually

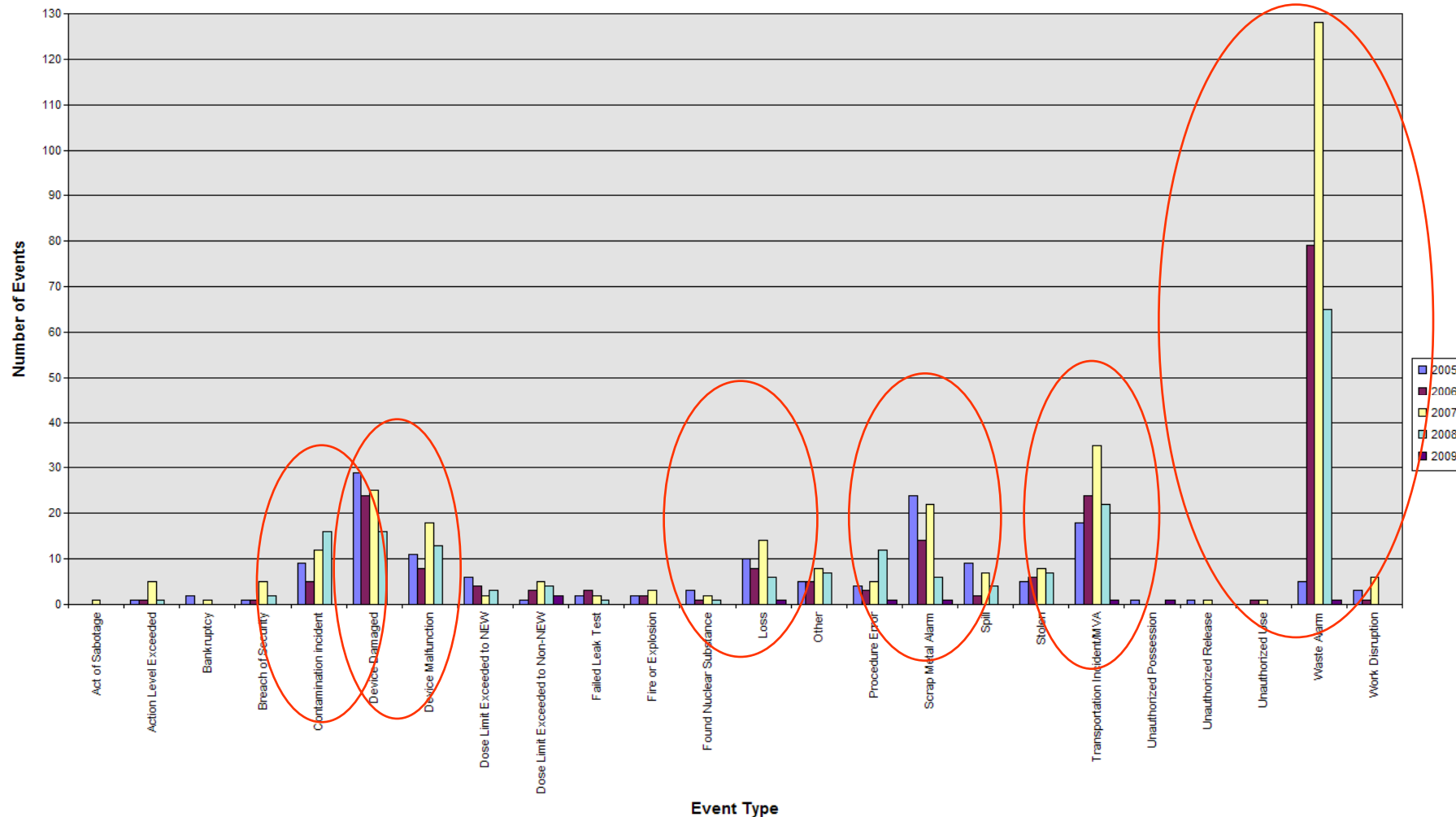
Events reported since 2005

Year	2005	2006	2007	2008
Event reports	152	195	316	186



Chart of events

DNSR CHART OF EVENTS





Why does the CNSC collect event reports?

- Event data is used by the CNSC for a number of reasons
 - To establish corrective actions being taken or need for corrective action
 - Trend analysis
 - Efficiency of standards / regulation
 - Provide statistical information for Government Departments/Agencies and the public
 - Meet Canada's obligation to international bodies.



Types of reportable events.

- Emergencies
- Security
- Health and Safety
- Release of material not authorized
- Non-compliance
- Transportation
- Financial status
- License requirement



Regulatory References for Reportable Events

- *NSCA 27 & 45* Records and Reports/
Exceptional Powers
- *GNSCR 29* General Reports
- *GNSCR 30* Safeguards
- *RPR 16* When Dose Limits Exceeded
- *NSRDR 30 (2)* Exposure device, obligation of
licensees
- *NSRDR 38* Reports to be Made by
Licensees
- *PTNSR 19* Dangerous Occurrences



Expectation for reporting short term

- NSCA **45.** Every person who, ...shall **immediately** notify the Commission
- GNSCR **29.** (1) Every licensee ... shall **immediately** make a preliminary report
- RPR **16.** When a licensee ... the licensee shall **immediately** notify
- NSRDR **38.** (1) Every licensee ... notify the Commission **immediately**
- PTNSR **19.** (1) Every consignor ... shall **immediately** make a preliminary report



Notification...I slipped a message under your door...

- Expectation is that you establish direct, timely and durable communication with the CNSC.
- Mechanism
- Suitable contacts are CNSC Duty Officer or (during business hours) your Licensing Specialist or Project Officer.



Contact information



- Duty Officer 24/7
 - **1- 613-995-0479**
- During business hours (800 – 1700 ET) and ask to speak to the Duty Officer
 - **1- 800-668-5284**



Information required for a preliminary report


- Preliminary report will contain “boiler plate” information and any action taken or proposed to be taken by licensee.
- Licensee will be expected to follow up within 21 days, or some other time if specified in license, with a more detailed report. GNSCR 29(2), RPR 16, PTNSR 19(5) and NSRDR 38(2).



Detailed report as per GNSCR 29 (2)

Every licensee who becomes aware of a situation referred to in subsection (1)

- shall file a full report of the situation with the Commission within 21 days
- and the report shall contain the following information:



21 day report

- (a) the date, time and location of becoming aware of the situation;
- (b) a description of the situation and the circumstances;
- (c) the probable cause of the situation;



21 day report

- (d) the effects on the environment, the health and safety of persons and the maintenance of security that have resulted or may result from the situation;
- (e) the effective dose and equivalent dose of radiation received by any person as a result of the situation; and
- (f) the actions that the licensee has taken or proposes to take with respect to the situation.



Review

- A reportable event is the occurrence of any one or combination of unusual and/or unplanned reporting requirements that derive from the Nuclear Safety and Control Act (NSCA) or related regulations.
- As a licensee, the CNSC expects that you make the required reports as specified in the regulation.
- Initial report must be made directly and immediately.
- Follow up report within 21 days.



Questions?

- The Directorate of Nuclear Substance Regulation operates a toll free number for where you can contact specialists in;
- Nuclear Substance and Radiation Device Licensing,
- Transportation,
- Class II Facilities,
- Inspection.



Contact Information

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