



Nordion Inc. Event Reporting

For the Quarter (April – June 2016)

Event Number	Event	Status/Outcome
16-12*	Materials from a new supplier were discovered to be substandard that resulted in a spill and a chemical reaction with in a furnace.	Materials used in furnace were replaced with materials that met specification. Other improvements were also made to minimize the possibility of a chemical reaction occurring in the event of a failure.
16-13*	Airborne contamination in Room 1406 exceeded RIR threshold	Source of contamination identified and quarantined. There was no external release of contamination.
16-14*	Sealed Sources, Devices and Nuclear Substances Not Leak Tested Within Required Timeframes	<p>Items within the facility for various periods of time were not added to inventory were added and they were leak tested immediately.</p> <p>Training roles and resources to be reviewed and training will be provided as necessary. A revision to the current procedure will further clarify the requirement.</p>
16-15*	Damage Type B(U) Package - F127	<p>A transport package was returned from a customer with one of the safety markings (heat emitter plate) damaged.</p> <p>This is a one-time incident. The plate was repaired, no other corrective action required by Nordion.</p>
16-16*	Incipient Electrical Fire of UPS Unit	<p>An uninterruptable power supply (UPS) unit malfunctioned The unit was unplugged when smoke was visible. The UPS unit was immediately removed from the building.</p> <p>A review of all UPS units was completed to ensure they all receive the required routine maintenance.</p>

Event Number	Event	Status/Outcome
16-17*	Revision to ship date of export of sealed sources was not reported to the CNSC SSTS prior to shipment	Currently under investigation.
16-18*	Leak Testing >200 Bq	<p>Nordion was preparing a shipment of sealed sources on behalf of a customer. During wipe testing of the sources, one source was found to have a wipe test that exceeded the 200 Bq limit.</p> <p>Customer was notified, no corrective action required by Nordion.</p>
16-19*	A Type A package was shipped with an incorrect category label and supporting documentation.	<p>An error was found with the automated label printing system that allows an incorrect category label to be printed.</p> <p>A change in Nordion system is being made to address this issue.</p>

*** There was no impact to health, safety, environment or security as a result of these events**