

## **S-99 Reports**

In accordance with regulatory standard entitled S-99 Reporting Requirements for Operating Nuclear Power Plants, power reactors operating in Canada must issue formal reports to the Canadian Nuclear Safety Commission (CNSC) on events defined in the S-99 regulatory standard.

The following is a list of S-99 event reports\* that were generated for Darlington operations in 2012, excluding those containing confidential or security-related information. Ontario Power Generation provides an update to this list on a quarterly basis.

For more information on the Event Reports listed, Event Reports from prior years or other reports on OPG's operations, contact **Kevin Powers, Director of Corporate Stakeholder Relations-Nuclear**, at 416-592-8470.

### **Darlington Nuclear Generating Station 2012 S-99 Reporting**

<b>Event Number</b>	<b>S-99 Report Title</b>
<b>2012 - 1st Quarter</b>	
D-2012-00001	Unable To Dislodge Valve Seat and Actuator – Potential Special Safety System Degradation
D-2012-00111	Registration Issues – Chiller Replacement Project
D-2012-00578	Overdue Freon Leak Check
D-2012-00602	Employee Ankle Injury (Critical Injury)
D-2012-01000	Acute Toxicity Failure at Sewage Treatment Plant
D-2012-01053	Vented Closure Plug – Variance in Documentation
D-2011-14307	Pressure Boundary Material Installed – Documentation Issue
D-2011-14307	Late S-99 Report Submission – Non-Compliance
D-2012-03023	Employee Fell While Erecting Scaffold
D-2012-02534	Fuel Handling Valves - Pressure Boundary Non-Compliance
D-2012-03275	Acute Toxicity Failure at Sewage Treatment Plant
<b>2012 – 2nd Quarter</b>	
D-2012-03486	Research Finding: Potential for Detensioning of Inconel X-750 Fuel Channel Annulus Spacer
D-2012-04463	Employee Became Unconscious Working On Reactivity Deck (Non-Work Related)
D-2012-04806	Expired Certificate of Inspection
D-2012-04988	Unit 1 Annulus Gas System Declared Unavailable
D-2012-04952	Unit 3 Outage - Airlock 1 Breach of Containment Alarm

D-2012-04442	Research Finding: Potential Error in Elevation of Moderator Cover Gas Interconnect Lines
D-2012-05061	Unit 3 Outage - Airlock 1 Breach of Containment Alarm
D-2012-05112	Pressure Boundary Material not Included on Inspection and Test Plan (ITP)
D-2012-05280	Unit 3 Outage - Airlock 1 Breach of Containment Alarm
D-2012-05091	Tritium Removal Facility: Deficiency Identified During Modification Scoping of Annex Fire Protection
D-2012-05417	Tritium Removal Facility: Pressure Boundary Non-Conformance
D-2012-05444	Fretted Pressure Boundary Instrument Line Improperly Characterized for Fitness for Service
D-2012-05798	Inadequate Pressure Boundary Documentation Quality Checks
D-2012-06096	Steam Door Found Open and Unlatched – Impairment of Shutdown System 2
D-2012-06366	Emergency Response Management Under Minimum Complement (Due to Personal Injury)
D-2012-06435	Unit 2 Transient – Due to Multi-channel Impairments
D-2012-06518	Fire Code Compliance Not Observed
D-2012-06902	Unit 4 Transient – Incorrect Addition of Moderator Poison
D-2012-06907	Unit 0 CRO – Below Station Complement for Greater than Four Hours
D-2012-06870	Relief Valve Lifted Above Design Set Pressure

\* This list is for events reportable under section 6.3 of the S-99 regulatory standard, including immediate and next business day reportable events. In accordance with S-99, additional reporting is required on a quarterly and annual basis.