

Darlington Nuclear Generating Station 2014 S-99 Reporting

<u>Report Number</u>	<u>Event Title</u>
<u>Quarter 1-2014</u>	
D-2013-24020	Licence Condition Non-Compliance: Below Minimum Shift Complement
D-2013-23914	Contravention of Nuclear Control & Safety Act: Radioactive Material Labels Not Properly Displayed
D-2013-24473	Licence Condition Non-Compliance: Deficiencies in Asset Suite Controlled Pressure Boundary Work
D-2014-00370	System Degradation: Loss of Atmospheric Cooling Unit Redundancy for One Shift
D-2014-00699	System Degradation: Annulus Gas Unavailable for Leak Detection
D-2014-00853	Licence Condition Non-Compliance: Lift Blocking Access to Fire Extinguisher
D-2014-01603	System Degradation: Relief Valve Lifted High During Scheduled Test
D-2014-01660	Licence Condition Non-Compliance: Atmospheric Cooling Unit Replacement Project (Design Non Conformance with Code)
D-2014-02530	System Degradation: Unit 2 Annulus Gas Flow Lost During Sampling
D-2014-02638	Research Finding: Impact of Adjuster Rod Aging on Neutron Overpower Trip Setpoints
D-2014-04028	Failure to Perform Required Test: Late Licensing Preventive Maintenance
D-2014-04093	Failure to Perform Required Test: Late Licensing Preventive Maintenance
D-2014-04348	Licensing Document Non-Compliance: Fuelling Machine Duct Post-Accident Hydrogen Ignition System Igniters
D-2014-04703	Licence Condition Non-Compliance: Below Minimum Shift Complement
D-2014-04772	Licence Condition Non-Compliance: Non-Compliance with Issuing Pressure Boundary Manual Revision
D-2014-05354	System Degradation: Common Secondary Control Area Ventilation Impairment
D-2014-05463	Licence Condition Non-Compliance: Pressure Vessels Found Without Certifications
D-2014-05495	Failure to Perform Required Test: Safety Related System Test
D-2014-06041	Licence Condition Non-Compliance: Below Minimum Shift Complement

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<u>Report Number</u>	<u>Event Title</u>
D-2014-06165	Licence Condition Non-Compliance: Below Minimum Shift Complement (Emergency Response Organization)
D-2014-06235	Licence Condition Non-Compliance: Below Minimum Shift Complement
D-2014-06297	Licence Condition Non-Compliance: Emergency Response Organization Under Minimum Complement (Mechanical Maintenance)
D-2014-07093	System Degradation: Unavailability of Secondary Control Area Atmospheric Cooling Units
D-2014-07805	Licence Condition Non-Compliance: Emergency Response Organization Below Minimum Complement
D-2014-08591	Licence Condition Non-Compliance: Transient Material Potential Combustibles Found in Unapproved Area
D-2014-08712	Failure to Perform Required Test: Missed Licensing Preventive Maintenance
D-2014-09304	Licence Condition Non-Compliance: Deficiencies in Asset Suite Controlled Pressure Boundary Work
D-2014-09500	Licence Condition Non-Compliance: Transient Material Combustibles in Stairwell
D-2014-09658	Licence Condition Non-Compliance: Identified Material Left in Flood Plain

Quarter 2-2014

D-2014-09598	Licence Condition Non-Compliance: Non-Approved Methods in Disposition of Feeder Instrument Line Frets ( <i>retraction submitted</i> )
D-2014-09435	Licence Condition Non-Compliance: Fire Protection Equipment Blocked
D-2014-10165	Licence Condition Non-Compliance: Fire Hose Cabinet Blocked
D-2014-09448	Licence Condition Non-Compliance: Space Allocation for Transient Material Procedure
D-2014-06742	Safety-Significant Contravention of Licensee Document: Operating Policies and Principles
D-2014-10177	Safeguards Non-Compliance: Insufficient Lighting in Irradiated Fuel Storage Bay
D-2014-12034	Health & Safety: Worker Fainted ( <i>non-work related</i> )

Darlington Nuclear Generating Station 2014 S-99 Reporting (continued)

<u>Report Number</u>	<u>Event Title</u>
D-2014-10800	Licence Condition Non-Compliance: Scaffolding Blocking Fire Exit
D-2014-11754	System Degradation: Airlock Breach of Containment Alarm
D-2014-12736	Health & Safety: Worker Injured Elbow ( <i>non-critical injury</i> )
D-2014-12753	Health & Safety: Worker Fainted ( <i>non-work related</i> )
D-2014-12154	Safety-Significant Contravention of Licensee Document: Failure to Post Radiation Hazard
D-2014-11973	Licence Condition Non-Compliance: Fire Sprinkler Inlet Connection Access Blocked
D-2014-11703	Misuse of Safety Equipment: Intentional Damage to Whole Body Monitor
D-2014-13460	Licence Condition Non-Compliance: Fire Door Not Meeting Function
D-2014-13016	System Degradation: Airlock Breach of Containment Alarm
D-2014-13801	Licence Condition Non-Compliance: Access to Fire Extinguishers Blocked
D-2014-14425	System Degradation: Transfer Chamber Door Breach of Containment Alarm
D-2014-14889	Environmental Release: Refrigerant Leak
D-2014-15132	Licence Condition Non-Compliance: Relief Valve Replaced Without Pressure Boundary Inspection and Test Plan
D-2014-15730	Failure to Perform Required Test: Late Licensing Preventive Maintenance
D-2014-15131	System Degradation: Feeder Venturi Line Exceeding Code Allowable Wall Thickness
D-2014-15744	Failure to Perform Required Test: Late Licensing Preventive Maintenance
D-2014-15978	System Degradation: Unavailability of Atmospheric Cooling Units
D-2014-16780	System Degradation: Material Incorrectly Stored in Flood Relief Pathway (Potential for System Impact)
D-2014-17310	System Degradation: Steam Door Found Open and Alarming

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<u>Report Number</u>	<u>Event Title</u>
D-2014-17728	System Degradation: Steam Door Propped Open
D-2014-18068	Safeguards: IAEA Core Discharge Monitor Seal Inadvertently Damaged
D-2014-17919	Licence Condition Non-Compliance: Lack of Emergency Lighting in Central Services Area Room
D-2014-17942	System Degradation: Powerhouse Steam Venting System Not Fully Available
D-2014-19075	Environmental Release: Low Amount of Hydrazine Released Due to Tank Overflow
D-2014-18438	Licence Condition Non-Compliance: Below Minimum Shift Complement
D-2014-18443	System Degradation: Airlock Breach of Containment Alarm
D-2014-19017	System Degradation: Pressure Boundary – Relief Valve Lifted High
D-2014-18719	Contravention of Licensee Document: Pressure-Temperature Envelope Slightly Exceeded During Unit Heat-up
D-2014-19805	System Degradation: Potential Unavailability of Emergency Power Generators

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D-2014-19429	Failure to Perform Required Test: Licensing Preventive Maintenance
D-2014-20046	Standby Safety-related System Degradation: Steam Protection Unavailable Due to Refrigeration Unit Trip
D-2014-20728	Failure to Perform Required Test: Late Licensing Preventive Maintenance
D-2014-21348	Licence Condition Non-Compliance: Relating to Pressure Boundary Material Requirements
D-2014-21802	Licence Condition Non-Compliance: Late Submission of S-99 Detailed Event Reports
D-2014-22246	System Degradation: Discrepancy Between Environmentally Qualified (EQ) Technical Basis Document and EQ List Development

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<u>Report Number</u>	<u>Event Title</u>
D-2014-22087	Licence Condition Non-Compliance: Fire Hose Cabinet Access Blocked by Carts/Scaffold Material
D-2014-22891	Release to Environment: Oil Found in Unit 3 Generator seal Oil (HX1/2)
D-2014-23221	Research Finding: Updated Effective Delayed Neutron Fraction Value
D-2014-23616	Licence Condition Non-Compliance: Temporary Construction Dewatering System (Unapproved Treatment Skid Enclosure)
D-2014-24309	Licence Condition Non-Compliance: Missed Certification Expiry Date
D-2014-24653	Licence Condition Non-Compliance: Pressure Vessel Certification
D-2014-24635	Licence Condition Non-Compliance: Below Minimum Shift Complement
D-2014-25171	Licence Condition Non-Compliance: 2013 Annual Fire Testing Incomplete (Unit 2 Transformer Deluge and Turbine Generator Sprinkler Panel)
D-2014-25963	System Degradation: Emergency Power Generators Declared Unavailable

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D-2014-26739	Licence Condition Non-Compliance: Pressure Boundary Inspection and Test Plan Incomplete
D-2014-27390	Standby Safety-Related System Degradation: Steam Protection Unavailable Due to Refrigeration Unit Trip
D-2014-27901	Standby Safety-Related System Degradation: Steam Protection Unavailable Due to Fans Tripping
D-2014-27981	Licence Condition Non-Compliance: Partial Blockage of Unit 4 Turbine Fire Fighting Foam Station
D-2014-28608	Licence Condition Non-Compliance: Deficiencies in Asset Suite Controlled Pressure Boundary Work
D-2014-29451	Licence Condition Non-Compliance: Credited Exit Corridor Not Fire Rated as Designed
D-2014-30387	System Degradation: Steam Door Closing Mechanism and Latch Broken
D-2014-30449	Licence Condition Non-Compliance: Heavy Water Management Building Fire Barrier Deficiencies
D-2014-30357	Research Finding: Darlington Axial DHC Growth Rate Results Above CSA N285.8 Upper Boundary

D-2014-30358	Research Finding: Pressure Tube High Hydrogen Equivalent Measurement at the Outlet Rolled Joint Region
D-2014-31352	System Degradation: Steam Door Found Alarming
D-2014-31819	System Degradation: Unit 1 Multi-Channel Neutron Over Power Detector Impairment
D-2014-34281	Licence Condition Non-Compliance: Minimum Complement Not Met
D-2014-34439	Licence Condition Non-Compliance: Minimum Complement Not Met
D-2014-34542	System Degradation: Relief Valve Lifted High
D-2014-00836	System Degradation: Steam Doors Would Not Latch
D-2014-34981	Licence Condition Non-Compliance: Late Submission of S-99 Preliminary Event Report
D-2014-34693	Licence Condition Non-Compliance: Below Minimum Shift Complement