

Darlington Nuclear Generating Station REGDOC-3.1.1 Reporting Q1-2020

<i>Report Number</i>	<i>Event Title</i>
D-2020-00123	Degradation: Unit 1 Steam Door, Not Latched
D-2020-01127	Missed Predefine: Unit 4 Safety-Related System Test Sign Off Incomplete Following Late Date
D-2020-01479	Environmental Release Control: Refrigerant Leak on Refrigeration Unit in Heavy Water Management Building
D-2020-01672	Unplanned Power Change: Unit 4 Stepback
D-2020-01710	Unplanned Power Change: Unit 3 Setback
D-2020-01806	Licence Non-Compliance: Rubber Area Waste Unposted, not Tagged
D-2020-02912	Degradation: Unit 1 Steam Door, Not Latched
D-2020-03036	Degradation: Unit 1 Standby Class 3 Power Unavailable
D-2020-04188	Regulatory Interest: Ministry of Labour Notification, Worker Experienced Non-Occupational Illness
D-2020-04563	Licence Non-Compliance: Fixed Area Alarming Gamma Monitor Past Calibration Date

Darlington Nuclear Generating Station REGDOC-3.1.1 Reporting Q2-2020

<i>Report Number</i>	<i>Event Title</i>
D-2020-04865	Regulatory Interest: Adverse Trend of Access Control Area Fixed Area Alarming Gamma Monitors Out of Calibration
D-2020-05083	Regulatory Interest: Access Control Barriers Inadequate During Trolley Traverse With Irradiated Fuel
D-2020-05136	Research Findings: Darlington Pressure Tube Inlet Rolled Joint Hydrogen Equivalent Concentration Results Above CSA N285.4 Acceptance Criteria
D-2020-05209	Degradation: Unit 1 Steam Door, Not Latched
D-2020-05376	Licence Non-compliance: Radioactive Material Discovered Abandoned in Unit 2
D-2020-05546	Licence Non-compliance: Missed Unit 3 Steam Generator Periodic Inspection Program Interval for Tube Metallurgical Examination
D-2020-05969	Licence Noncompliance: Worker Found Contaminated at Bridge Whole Body Monitor
D-2020-06187	Degradation: Unit 2 Standby Class 3 Power Unavailable
D-2020-06457	Regulatory Interest: Updated Coupling Design Installed on Unit 2, Primary Heat Transport Pump 3, Without Item Equivalency Evaluation
D-2020-06690	Regulatory Interest: Follow-Up Bioassay Sample from Personal Contamination Event
D-2020-06788	Unplanned Power Change: Unit 2 Hydrogen Leak Leading to Manual Turbine Trip

D-2020-06885	Licence Non-compliance: Open Container with Tritiated Water found in Unit 2, Moderator Purification Room
D-2020-07693	Revised Safety Analysis: Continued Operation of Inspected Pressure Tube Based on Predicted Hydrogen Equivalent Concentration Level Exceeding Terminal Solid Solubility for Hydrogen Dissolution
D-2020-07926	Regulatory Interest: Ministry of Environment, Conservation and Parks Notified, Small Oil Leak on Unit 2 Main Output Transformer Red Phase
D-2020-08117	Regulatory Interest: Ministry of Labour Notified, Employee Fainted and Hit Head in Cafeteria, Not Work Related
D-2020-08421	Unplanned Power Change: Unit 1 Power Reduced to 59% Full Power Due to Sustained Elevated Turbine Bearing 7 Vibration
D-2020-08963	Regulatory Interest: Unit 2 Transient, Turbine Generator Spurious Load Reduction
D-2020-99999	Regulatory Interest: Darlington Employees Tested Positive for COVID-19, Not Work Related
N-2020-04266	Regulatory Interest: Ontario Power Generation Corporate Crisis Management and Communications Centre Activation

Darlington Nuclear Generating Station REGDOC-3.1.1 Reporting Q3-2020

D-2020-09118	Regulatory Interest: Main Security Building Loss of Power, No System Risks and/or Breach
D-2020-10107	Regulatory Interest: Discrepancy Found in Reportable Deferral Numbers for 2018 Q2 to Q4
D-2020-10128	Unplanned Power Change: Unit 3 Setback Due To Flux Tilt
D-2020-10471	Operations Support Building Fire Alarm Activation: Battery-Powered Vacuum Fire in Janitor Closet, No Injuries
D-2020-10481	Unplanned Power Change: Unit 4 Shutoff Rod Stuck During Testing, No Reactivity Impact
D-2020-10656	Licence Non-Compliance: Unit 3 Fixed Area Alarming Gamma Monitors (FAAGMs) Out of Calibration
D-2020-12002	Environmental Release Control: Refrigerant Leak on Refrigeration Unit
D-2020-12220	Regulatory Interest: Ministry of Labour Notified, Cable Damaged During Concrete Key Removal, No Injuries
D-2020-13010	Unplanned Power Change: Unit 1 Adjuster Rod Drove Out of Core, No Reactivity Impact
D-2020-13515	Unplanned Power Change: Unit 1 Setback Due To Flux Tilt
D-2020-13776	Regulatory Interest: Roadrunner Transportation Package Shield Plug Missing Bearing Pad, No Safety Impact
D-2020-99998	Regulatory Interest: Darlington Employee Tested Positive for COVID-19, Not Work Related

Darlington Nuclear Generating Station REGDOC-3.1.1 Reporting Q4-2020

D-2020-14917	Environmental Release Control: Refrigerant Leak on Refrigeration Unit
D-2020-14925	Degradation: Unit 4 Standby Class 3 Power Unavailable
D-2020-16523	Regulatory Interest: Pressure Boundary Noncompliance, Unit 2 Carbon Steel to Stainless Steel Adaptors, No Operability Impact
D-2020-16746	Emergency Power Generator 2 Building Fire Alarm Activation: Bearing Oil Leak, No Injuries
D-2020-16833	Unplanned Power Change: Unit 2 Stepback on Turbine Load Reduction
D-2020-18461	Regulatory Interest: Ministry of Labour Notified of Critical Injury, Fractured Ankle When Descending Stairs
D-2020-18472	Degradation: Unit 3, Grid Disturbance Leads to Unavailability of Unit Secondary Control Area Air Conditioning Units
D-2020-18955	Unplanned Power Change: Unit 2, Brief Power Reduction to 88% Full Power due to Unexpected Change in Channel Outlet Temperature
D-2020-18978	Regulatory Interest: Confirmatory Bioassay Results
D-2020-19382	Degradation: Unit 1, Shutdown Cooling Unavailable due to Programmable Controller Fault
D-2020-19549	Regulatory Interest: Incorrect Fuse in Operating Documentation for Rod-Based Guaranteed Shutdown State
D-2020-99997	Regulatory Interest: Contract Employee Tested Positive for COVID-19, Not Work Related