

Bruce Power 2020 Reportable Events – as of December 31, 2020

Date Reported	Station	Report #	Title
Jan 7, 2020	A	B-2020-28778956	Small Fire in Unit 1
Jan 7, 2020	A	B-2020-28778392	Unit 1 Unplanned Reactor Power Change
Jan 9, 2020	A	B-2020-28779525	Late Reporting of Unit 1 Unplanned Reactor Power Change
Jan 16, 2020	A	B-2020-28779948	Building Heating Steam Condensate Release
Jan 20, 2020	A	B-2020-28779575	Preventative Maintenance Calibration Missed
Jan 24, 2020	B	B-2020-28781683	Unit 8 Turbine Trip and Small Turbine Panel Fire
Feb 3, 2020	A	B-2020-28782099	Unit 1 Unplanned Reactor Power Change
Feb 5, 2020	B	B-2020-28783066	Unit 8 Unplanned Reactor Shutdown
Feb 6, 2020	A	B-2020-28782449	Station Emergency Declared as a Precaution
Feb 7, 2020	A	B-2020-28782855	Station Briefly below Minimum Complement
Feb 10, 2020	A	B-2020-28783019	Less Than Minimum Number of Standby Generators Available
Feb 10, 2020	A	B-2020-28782847	Impairment of the Negative Pressure Containment System
Feb 10, 2020	A	B-2020-28782857	Unit 1 Unplanned Reactor Power Change
Feb 14, 2020	A	B-2020-28783785	Bruce A Portal Monitor Alarm above Action Level
Feb 24, 2020	B	B-2020-28784986	Below Minimum Complement
Feb 26, 2020	A	B-2020-28785357	Impairment of Negative Pressure Containment
Mar 3, 2020	A	B-2020-8786422	Bruce A Acute Lethality Test Failure
Mar 11, 2020	CS	B-2020-28787416	Vehicle Monitor Alarm above Action Level at Main Entrance

Mar 16, 2020	A	B-2020-28787980	Loss of Class III and Class IV Power to Unit 4 and Unit 0
Mar 19, 2020	ABCS	B-2020-28788993	Precautionary Activation of the Emergency Management Centre for COVID-19 Prevention Planning
Mar 26, 2020	B	B-2020-28789704	MOL Report
Mar 31, 2020	A	B-2020-28790328	Public Address System Speakers Turned off in Outage Trailer
Apr 4, 2020	B	B-2020-28790729	Bruce B Elevated Tritium Levels
Apr 6, 2020	BCS	B-2020-28791267	COVID-19 Response Update
Apr 15, 2020	CS	B-2020-28789209	Controlled Nuclear Information Export without a Licence
Apr 23, 2020	ACS	B-2020-28793680	COVID-19 Response Update
Apr 28, 2020	CS	B-2020-28793731	Ministry of Labour Industrial Event Notice
May 14, 2020	A	B-2020-28795502	Unit 2 Unplanned Shutdown for Generator Excitation System Repairs
May 15, 2020	B	B-2020-28795368	Unit 5 Recovery Tank Upper Flange Gap Discovered
Jun 8, 2020	A	B-2020-28798234	Unit 2 Liquid Zone Control System Pump Trip
Jun 8, 2020	A	B-2020-28798264	Less Than Minimum Number of Standby Generators Available
Jun 15, 2020	A	B-2020-28799101	Elevated Reactor Inner Zone Inlet Header Temperature
Jun 17, 2020	B	B-2020-28800070	Extinguishing Agent Applied to Panel
Jun 19, 2020	B	B-2020-28799964	Domestic Water Release
Jun 26, 2020	B	B-2020-28800827	Fire Protection Preventive Maintenance Missed
Jun 29, 2020	B	B-2020-28793697	Potential Unplanned Radiological Intake
Jun 29, 2020	B	B-2020-28776624	Fuel Bundle Damaged During Discharge from North East Spent Fuel Mechanism
Jul 3, 2020	A	B-2020-28801676	Unit 4 Forced Outage for Low Vacuum Trip Circuit Repairs
Jul 3, 2020	A	B-2020-1052	Unit 3 Forced Outage due to Spurious Activation of Unit Service Transformer Relay Protection

Jul 8, 2020	B	B-2020-28801698	Emergency Water System Valve Discovered Passing
Jul 16, 2020	A	B-2020-2739	Unit 1 Forced Outage due to Grid Rejection
Jul 16, 2020	B	B-2020-2577	Unposted Radiological Hazard
Jul 16, 2020	A	B-2020-3363	Unit 3 Reactor Power Reduction
Jul 16, 2020	B	B-2020-4089	Unit 7 Unplanned Reactor Power Change
Jul 21, 2020	A	B-2020-4549	Unit 1 Vault Vapour Recovery Drier Heater Failure to Shutdown on Demand
Jul 22, 2020	CS	B-2020-5109	Below Minimum Shift Complement
Jul 29, 2020	B	B-2020-6908	Unposted Radiological Hazard
Jul 31, 2020	A	B-2020-8039	Standby Generator Testing
Aug 12, 2020	B	B-2020-10696	Ministry of Health and Long Term Care Event Report
Aug 17, 2020	CS	B-2020-11945	Counterfeit Integrated Circuit Found and Reported by a Vendor
Aug 17, 2020	A	B-2020-8965	Shutdown Systems 1 and 2 Neutron Overpower Protection Detector Bias
Aug 18, 2020	B	B-2020-11865	Ministry of Health and Long Term Care Event Report
Aug 18, 2020	AB	B-2020-12076	Working Remotely Outside of Canada
Aug 18, 2020	B	B-2020-11521	Unit 7 Unplanned Shutdown
Aug 20, 2020	CS	B-2020-13771	Medical Incident at Bruce A Parking Lot
Aug 24, 2020	A	B-2020-12978	Unit 3 Digital Control Computer X Stall
Aug 24, 2020	A	B-2020-12985	Unit 2 Forced Offline Due to Steam Leak
Aug 26, 2020	B	B-2020-14461	Impairment of Negative Pressure Containment
Aug 31, 2020	A	B-2020-15406	Heat Transport Pump Trip Testing Incomplete
Sep 1, 2020	A	B-2020-15565	Unit 3 Unplanned Shutdown

Sep 9, 2020	B	B-2020-17922	Main Firewater Pump Preventative Maintenance Incomplete
Sep 10, 2020	A	B-2020-18311	Safety System Test not Deferred
Sep 10, 2020	B	B-2020-17885	Standby Generator Fire Detection Maintenance Incomplete
Sep 14, 2020	B	B-2020-18567	Fire Extinguished in Unit 6
Sep 14, 2020	B	B-2020-18764	Unit 5 Digital Control Computer X Stall
Sep 14, 2020	A	B-2020-16659	Whole Body Monitor Damaged
Sep 17, 2020	A	B-2020-19986	Safety System Test not Deferred
Sep 24, 2020	B	B-2020-22484	Unit 6 Transformer Deluge Annunciation Test Incomplete
Oct 7, 2020	CS	B-2020-26480	COVID-19 Response Update
Oct 7, 2020	A	B-2020-25694	Unit 1 Unplanned Shutdown
Oct 9, 2020	B	B-2020-26068	Late Reporting of Change of Status of Certified Personnel
Oct 15, 2020	A	B-2020-28286	Unit 2 Unplanned Reactor Power Change
Oct 22, 2020	B	B-2020-30418	Whole Body Monitor Damaged
Oct 23, 2020	AB	B-2020-21831	Incorrect Dose Conversion Factors Used in Irradiated Fuel Port Analysis
Oct 26, 2020	A	B-2020-31429	Unit 3 Annulus Gas System High Flowrate
Nov 2, 2020	A	B-2020-33557	Unit 2 Unplanned Reactor Power Change
Nov 10, 2020	B	B-2020-35996	Radiation Instruments Calibration Overdue
Nov 12, 2020	B	B-2020-36965	COVID-19 Response Update
Nov 12, 2020	A	B-2020-36798	Unposted Radiological Hazard
Nov 16, 2020	AB	B-2020-37783	COVID-19 Response Update
Nov 18, 2020	CS	B-2020-39011	COVID-19 Response Update

Nov 18, 2020	A	B-2020-33945	Controlled Nuclear Information Exported Without Licence
Nov 23, 2020	A	B-2020-40474	Online Periodic Inspection for Emergency Coolant Injection Components Incomplete
Nov 24, 2020	B	B-2020-40664	COVID-19 Response Update
Nov 26, 2020	B	B-2020-40646	Late Reporting of Reinstatement of Certified Personnel
Nov 30, 2020	A	B-2020-41579	Less Than Minimum Number of Standby Generators Available
Dec 1, 2020	CS	B-2020-42137	COVID-19 Response Update
Dec 2, 2020	B	B-2020-41610	Unposted Radiological Hazard
Dec 8, 2020	BCS	B-2020-43885	COVID-19 Response Update
Dec 10, 2020	A	B-2020-44274	Minor Oil Spill in Unit 4 Inactive Drainage
Dec 14, 2020	A	B-2020-45127	Buried Drinking Water Pipe Leak
Dec 16, 2020	AB	B-2020-46357	COVID-19 Response Update
Dec 16, 2020	B	B-2020-46413	Preventative Maintenance for Calibration of Stack Monitors
Dec 17, 2020	CS	B-2020-45880	Ministry of Labour Event Report
Dec 17, 2020	A	B-2020-46601	Unit 4 Turbine Trip
Dec 18, 2020	B	B-2020-46975	Unit 8 Unplanned Reactor Power Change
Dec 18, 2020	B	B-2020-41524	Operating Policies and Principles Containment Tolerable Hole Size Exceeded
Dec 21, 2020	B	B-2020-47596	Shutdown System 2 Trip
Dec 23, 2020	A	B-2020-48596	Misclassification of Transportation Documentation for Class 7 Shipment