

Schedule 1 – 5.1.1 Notification

PART B

Permit Number:	BR9715IB
Name of Operator:	Solutia UK Ltd
Location of Installation:	Corporation Road, Newport, Gwent, NP194XF
Location of the emission:	Boiler 16 - CE [A31] & main stack [A4]
Time and date of the emission:	14 days leading up to 19/08/2020

Any more accurate information on the matters for notification under Part A	The original estimation of 'Up to 10 days (TBC)' for the failure has been revised to 14 days, as informed by the control systems trended data Due to the way in which the water injection unit on the Gas Turbine failed, the system alarms did not activate as would normally be the case – this was because of an incorrect (frozen) signal being communicated to both the local and remote systems. A simple re-set of the unit rectified the issue Emissions monitoring was conducted immediately after the re-set, and the results were within compliance at (a typical) 55.9 mg/Nm³ Vs the 75 mg/Nm³ limit
Measures taken, or intended to be taken, to prevent a recurrence of the incident	In order to prevent a recurrence of a similar nature, the following actions have been undertaken: • The daily process checklist has been extended to include both; a manual log of the water flow, and visual confirmation that the water injection pump is running • The Gas Turbine manufacturer has been contacted to investigate the failure from the control system side, with a view of implementing safeguards if deemed feasible
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	None proposed

The dates of any unauthorised emissions from the installation in the preceding 24 months	20/08/2020 - GT Water Injection Unit [This Notification] 09/06/2020 - T66 Pumphouse 20/04/2020 - Biphenyl Vent 08/10/2019 - PCP in Effluent 18/08/2019 - PCP in Effluent 01/08/2019 - TH3 Pyro Feed 16/07/2019 - TH2 FA vent 24/06/2019 - PCP in effluent 02/11/2019 - PCP in effluent 09/12/2018 - PCP in effluent 21/11/2018 - Gas Turbine Compressor
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*** Signed:** 

Date: 23/09/2020

* authorised to sign on behalf of Solutia UK Ltd