RELEASES TO AIR

QUARTERLY RETURN

MONTHLY MEAN, MAXIMUM DAILY MEAN AND ANNUAL PERCENTILE CONCENTRATIONS [a],[b],[c]

Operator: Uskmouth Power Company | Form: IED CON1 (Utility boilers)

Location: Newport | Version/date: V.11 Mar 2016

Permit/Variation Number: LP3131SW/V002

Year: 2017 LCP: 312	SO_2 (mg/m^3)		NO_x (mg/m^3)		Dust (mg/m^3)		Monthly [d]	
Month	Monthly Mean	Max Daily Mean	Monthly Mean	Max Daily Mean	Monthly Mean	Max Daily Mean [f]	Fuel S %	FGD Eff %
January	224.40	323.10	405.90	468.00	6.80	12.30		
February	241.95	315.50	435.96	543.90	5.71	9.40		
March	219.51	321.20	436.28	648.46	7.25	10.63		
April	258.23	258.23	583.81	583.81	8.73	8.73		
May	0.00	0.00	0.00	0.00	0.00	0.00		
June	0.00	0.00	0.00	0.00	0.00	0.00		
July	0.00	0.00	0.00	0.00	0.00	0.00		
August	0.00	0.00	0.00	0.00	0.00	0.00		
September	0.00	0.00	0.00	0.00	0.00	0.00		
October	0.00	0.00	0.00	0.00	0.00	0.00		
November	0.00	0.00	0.00	0.00	0.00	0.00		
December	0.00	0.00	0.00	0.00	0.00	0.00		
Monthly ELV/Daily ELV [e]	350.00	440.00	450.00	550.00	20.00	35.00		
Annual 95th Percentile [f]	229.18	312.20	425.60	558.40	6.56	9.60		
Annual Percentile ELV [g]	229.18	312.20	425.60	558.40	6.56	9.60		

NOTES:

(a) All concentration data are based on validated hourly average concentrations excluding start-up and shut-down and periods of malfunction or breakdown of abatement equipment

(b) Annual percentiles are submitted with the final return (Quarter 4)

(c) Reference conditions. Solid fuel: 6% O_2 (dry) Liquid fuel: 3% O_2 (dry) at 273.15K, 101.325 kPa

(d) Required for indigenous fuel derogation only - state target removal efficiency as the ELV (if applicable)

(e) Leave the Daily ELV blank if this is applied as a 95th percentile ELV within the Permit

(f) For each pollutant, report the Annual 95th percentile of hourly averages in the first column and, if applicable, Annual 95th percentile of daily means in the second column

(g) For each pollutant, report Annual 95th percentile ELV for hourly averages in the first column and, if applicable, Annual 95th percentile ELV for daily means in the second column

Signed on behalf of the Operator by: .....

Date of return: 26/01/2018