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

Permit/Variation Number: LP3131SW/V002

| Year: 2018<br>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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| February | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| March | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| April | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 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 95$^{th}$ Percentile [f]** | | | | | | | | |
| **Annual Percentile ELV [g]** | | | | | | | | |

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 95$^{th}$ percentile ELV within the Permit

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

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

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

Date of return: 27/4/18