Date: 22nd December 2015

Our Ref:NRW/UPC/11

SIMEC Uskmouth Power Company
Phone: 01633 292734
Fax: 01633292701

Mr. Gareth Richards
Natural Resources Wales.
Rivers House,
St Mellons Business Park,
St Mellons
Cardiff.
CF3 0RY

Monthly Reporting – PPC Authorisation NºLP3131SW

Dear Mr. Richards

Please find enclosed the following monthly environmental reports for the period;

01/11/-2015 to 30/11/2015,

ESI/01 – Fuel use & release,

ESI/02 – SO2, NOx & Dust release,

ESI/03 – Release to air monthly mean concentration,

W1 - Releases to controlled waters,

I trust this is satisfactory to your requirements, if you would like further clarification on the enclosed information please do not hesitate to contact me.

Yours sincerely

Michael James
UPC Environmental Officer
Michael.james@uskmouthpower.com

Please confirm receipt by Email

RELEASES TO AIR

MONTHLY FUEL USE AND TOTAL RELEASE DATA[a]

OPERATOR: Uskmouth Power Company FORM: ESI/01

LOCATION: Newport

PERMIT/VARIATION NUM LP3131SW

Operating Details Year : 2015 Month: November	LCP1[b]
Coal (tonnes)	18623.99
Coal Sulphur content (%)	0.28
Biomass (tonnes)	0.00
Biomass Sulphur content (%)	0.00
Gas Oil (tonnes)	151.86
Gas Oil Suphur content (%)	0.1

Sulphur dioxide (tonnes)	42.15
Nitrogen oxides (tonnes)	52.75
Dust (tonnes)	0.43

Notes:
(a) Including start-up & shut-down
(b) LCP = Large Combustion Plant

Signed on behalf of the Operator by: _____

Date of return: 22/12/2015

RELEASES TO AIR

MONTHLY SO_2, NO_x AND DUST RELEASE DATA[(a)]

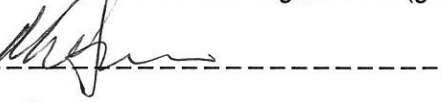
OPERATOR: Uskmouth Power Company FORM: ESI/02

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

Year 2015	SO_2 Emissions		NO_x Emissions		Dust Emissions	
Reporting Period	Actual (tonnes)	Cumulative Year to date (tonnes)	Actual (tonnes)	Cumulative Year to date (tonnes)	Actual (tonnes)	Cumulative Year to date (tonnes)
01 (Jan)	0.00	0.00	0.00	0.00	0.00	0.00
02 (Feb)	0.00	0.00	0.00	0.00	0.00	0.00
03 (Mar)	21.87	21.87	24.84	24.84	0.20	0.20
04 (Apr)	61.00	82.88	85.21	110.05	0.39	0.59
05 (May)	33.46	116.33	44.24	154.29	0.36	0.95
06 (Jun)	29.30	145.64	26.80	181.10	0.32	1.26
07 (Jul)	40.61	186.25	36.87	217.97	0.69	1.95
08 (Aug)	6.12	192.37	4.32	222.28	0.03	1.99
09 (Sep)	41.28	233.65	42.50	264.78	0.49	2.47
10 (Oct)	38.08	271.73	49.93	314.70	0.43	2.90
11 (Nov)	40.26	311.99	47.88	362.58	0.38	3.28
12 (Dec)						
Current Allocation		3267.00		4610.00		

NOTES:
(a) Excluding start-up and shut-down
(b) Current Allocation refers to the yearly Process B limit/NERP allocation OR the target t/GWh (generated),

Signed on behalf of the Operator by: 

Date of return: 22/12/2015

RELEASES TO AIR

MONTHLY MEAN CONCENTRATIONS AND ANNUAL PERCENTILES[a]

OPERATOR: Uskmouth Power Company FORM: ESI/03

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

Year 2015	LCP1			
	Mean (mg/m^3)[b]			Desulphurisation[c] Efficiency
Month	SO_2[c]	NO_x[c]	**Dust**	**%**
January	0.00	0.00	0.00	
February	0.00	0.00	0.00	
March	410.52	410.92	2.70	
April	291.85	413.33	1.75	
May	274.66	371.35	2.58	
June	323.19	302.43	2.80	
July	309.46	281.10	4.58	
August	204.16	255.29	1.34	
September	311.02	297.81	3.28	
October	262.42	348.26	2.46	
November	288.30	338.73	2.33	
December				
Monthly Emission Limit Value	400	500	25	
48 hour means	97^{th}	95^{th}	97^{th}	
Annual Percentile [c]				
Annual Emission Limit Value [c]	NA	NA	NA	
Annual Desulphurisation Efficiency (%) [c]				

NOTES:

(a) Annual percentiles are submitted with the final return

(b) Reference conditions for mg/m^3 are 6% O_2 solid fuels, 3% O_2 for oil and gas, dry, 0°C, 101.325 kPa

(c) Required for Opted-in (ELV) plant only

Signed on behalf of the Operator by: _____

Date of return: 22/12/2015

RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from; 01/11/2015 to 30/11/2015

N

OPERATOR: Uskmouth Power Company FORM: W1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

Emission Point	Substance/ Parameter	ELV	Result (1)	Test Method (2)	Sample date and time(3)	Accreditation/ Certification(4)	Uncertainty (5)
W1a	Total Suspended Solids	75 mg/l	8	BS En 872:2005	2/11/2015 (12:45)	UKAS 0568	19.70%
W1a	pH	6-9	8.3	BS6068-2.50:1995	25/11/2015 (14:00)	" "	5.60%
W1a	Cadmium	0.01 mg/l		ISO, BS EN or SCA Blue book method		" "	6.60%
W1a	Mercury	0.005 mg/l		ISO, BS EN or SCA Blue book method		" "	7.70%
W1b	Total Suspended Solids	75 mg/l	6	BS En 872:2005	25/11/2015 (12:55)	" "	19.70%
W1b	pH	6 - 9	8.4	BS6068-2.50:1995	02/11/2015 (14:20)	" "	5.60%
W1b	Cadmium	0.01 mg/l		ISO, BS EN or SCA Blue book method		" "	6.60%
W1b	Mercury	0.005 mg/l		ISO, BS EN or SCA Blue book method		" "	7.70%
W2	Total Suspended Solids	150 mg/l	24	BS En 872:2005	25/11/2015 (14:30)	" "	19.70%
W2	pH	6 - 9	7.6	ISO, BS EN or SCA Blue book method	25/11/2015 (14:30)	" "	5.60%
W2	Temperature	30^{oC}	15.2	ISO, BS EN or SCA Blue book method	25/11/2015 (14:30)		+/- 1°C
W2	Biological Oxygen	100 mg/l	7	BS EN 1899-1	25/11/2015 (14:30)		20.10%
W2	Zinc	2 mg/l	0.095	BS EN 6068-2.29:1987	25/11/2015 (14:30)	" "	6.30%
W2	Copper	0.8 mg/l	0.12	BS EN 6068-2.29:1987	25/11/2015 (14:30)	" "	8.00%
W2	Nickel	0.4 mg/l	0.11	BS EN 6068-2.29:1987	25/11/2015 (14:30)	" "	7.10%
W2	Lead	0.8 mg/l	0.008	BS EN 6068-2.29:1987	25/11/2015 (14:30)	" "	7.00%
W2	Chromium	0.8 mg/l	0.012	BS EN 1233:1997	25/11/2015 (14:30)	" "	7.60%
W2	Flow	210 litres/ second max	35	ISO, BS EN or SCA Blue book method	25/11/2015 (14:30)		0.50%
W2	Flow	19872 m3/day	3024	ISO, BS EN or SCA Blue book method	25/11/2015 (14:30)		0.50%
W2	Cadmium	0.01 mg/l		ISO, BS EN or SCA Blue book method		UKAS 0568	6.60%
W2	Mercury	0.005 mg/l		ISO, BS EN or SCA Blue book method		" " "	7.70%

the emission limit value is expressedas a range, the result is given as the minimum - maximum measured values.

In other cases the principal technique is stated, e.g. colorimetry.

covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

[6] The emission limit values for all substances is expressed as a maximum individual value

Signed .....

(authorised to sign as representative of the Operator)

Date 22/12/2015