



Date: 27th September 2015

Our Ref: NRW/UPC/9

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 N^oLP3131SW

Dear Mr. Richards

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

01/09/-2015 to 30/09/2015,

ESI/01 – Fuel use & release,

ESI/02 – SO₂, NO_x & 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	LCP1 ^(b)
Year: 2015 Month: September	
Coal (tonnes)	15785.00
Coal Sulphur content (%)	0.40
Biomass (tonnes)	0.00
Biomass Sulphur content (%)	0.00
Gas Oil (tonnes)	173.02
Gas Oil Sulphur content (%)	0.1

Sulphur dioxide (tonnes)	43.98
Nitrogen oxides (tonnes)	47.75
Dust (tonnes)	0.56

Notes:

(a) Including start-up & shut-down

(b) LCP = Large Combustion Plant

Signed on behalf of the Operator by: _____

Date of return:

27/10/2015

RELEASES TO AIR

MONTHLY SO₂, NO_x AND DUST RELEASE DATA^(a)

OPERATOR: Uskmouth Power Company

FORM: ESI/02

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

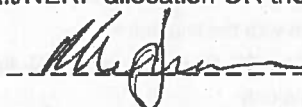
Year: 2016	SO ₂ Emissions		NO _x Emissions		Dust Emissions	
Reporting Period	Actual (tonnes)	Cumulative Year to date (tonnes)	Actual (tonnes)	Cumulative Year to date (tonnes)	Actual (tonnes)	Cumulative Year to date (tonnes)
01 (Jan)	0.00	0.00	0.00	0.00	0.00	0.00
02 (Feb)	0.00	0.00	0.00	0.00	0.00	0.00
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)						
11 (Nov)						
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:

27/10/2015

RELEASES TO AIR

MONTHLY MEAN CONCENTRATIONS AND ANNUAL PERCENTILES^(a)

OPERATOR: Uskmouth Power Company

FORM: ESI/03

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW

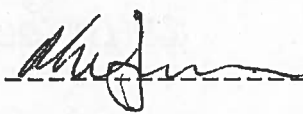
Year	LOP1			
	Mean (mg/m ³) ^(b)			Desulphurisation ^(d) Efficiency
Month	SO ₂ ^(c)	NO _x ^(c)	Dust	%
January	0.00	0.00	0.00	
February	0.00	0.00	0.00	
March	352.52	453.73	2.98	
April	291.85	413.33	1.75	
May	274.66	371.35	2.58	
June	323.19	302.43	2.80	
July	309.46	281.10	4.58	
August	204.16	255.29	1.34	
September	311.02	297.81	3.28	
October				
November				
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/m³ are 6% O₂ solid fuels, 3% O₂ 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: 27/10/2015

RELEASES TO CONTROLLED WATER

Reporting of emissions to Water (other than sewer) for the period from: **01/09/2015** to **30/09/2015**

OPERATOR: **Uslernouth 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	<1 BS EN 872:2005	3/9/2015 (09:20)	UKAS 0568	19.70%
W1a	pH	6-9	7.68 BS6068-2.50:1995	16/9/2015 (11:30)	"	5.60%
W1a	Cadmium	0.01 mg/l	<0.0001 ISO, BS EN or SCA Blue book method	3/9/2015 (09:20)	"	6.60%
W1a	Mercury	0.005 mg/l	0.0002 ISO, BS EN or SCA Blue book method	3/9/2015 (09:20)	"	7.70%
W1b	Total Suspended Solids	75 mg/l	7.4 BS EN 872:2005	16/9/2015 (11:40)	"	19.70%
W1b	pH	6-9	7.89 BS6068-2.50:1995	16/9/2015 (11:40)	"	5.60%
W1b	Cadmium	0.01 mg/l	<0.0001 ISO, BS EN or SCA Blue book method	3/9/2015 (09:30)	"	6.60%
W1b	Mercury	0.005 mg/l	<0.0001 ISO, BS EN or SCA Blue book method	3/9/2015 (09:30)	"	7.70%
W2	Total Suspended Solids	150 mg/l	45 BS EN 872:2005	16/9/2015 (11:50)	"	19.70%
W2	pH	6-9	6.87-7.2 ISO, BS EN or SCA Blue book method	16/9/15 (11:50)-28/9/15 (10:35)	"	5.60%
W2	Temperature	30°C	19.5 ISO, BS EN or SCA Blue book method	8/9/2015 (9:25)	"	+/- 1°C
W2	Biological Oxygen	100 mg/l	6 BS EN 1899-1	16/9/2015 (11:50)	"	20.10%
W2	Zinc	2 mg/l	0.068 BS EN 6068-2.29:1987	24/9/2015 (12:40)	"	6.30%
W2	Copper	0.8 mg/l	0.145 BS EN 6068-2.29:1987	8/9/2015 (9:25)	"	8.00%
W2	Nickel	0.4 mg/l	0.146 BS EN 6068-2.29:1987	8/9/2015 (9:25)	"	7.10%
W2	Lead	0.8 mg/l	0.0064 BS EN 6068-2.29:1987	16/9/2015 (11:50)	"	7.00%
W2	Chromium	0.8 mg/l	0.0063 BS EN 1233:1997	8/9/2015 (9:25)	"	7.60%
		210 litres/second				
W2	Flow	m³/day	65 ISO, BS EN or SCA Blue book method	17/9/2015 (11:40)		0.50%
W2	Flow	m³/day	5616 ISO, BS EN or SCA Blue book method	17/9/2015 (11:40)		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%

(1) The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the minimum - maximum measured values.

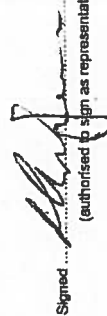
(2) Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

(3) For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flowtime proportional samples, the percentage of the process operating time 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: **30/9/2015**

