Reporting of trace element content of delivered coal for the period from...1st January 2017...to... 31st December 2017...

Operator: RWE Generation **Form:** **Coal1 /30/11/07**

Location: Aberthaw Version: V.5 Mar 2005

Permit/Variation Number: RP3133LD

Weighted average of coal diet used during 2017	Mercury	-	0.068		Weighted average of coal diet used during 2017		
	Cadmium	-	0.40				
	Copper	-	16.3				
	Arsenic	-	4.1				
	Boron	-	26.6				
	Nickel	-	40.1				
	Lead	-	9.5				
	Vanadium	-	19.0				
	Chromium	-	10.4				
	Zinc	-	11.8				
	Selenium	-	1.60				
	Iron	-	9727				
	Aluminium	-	21790				
	Manganese	-	80.3				
	Molybdenum	-	1.51				
	Fluorine	-	38.6				
	Uranium	-	0.64				
	Antimony	-	0.64				
	Beryllium	-	0.79				
	Tin	-	0.82				
	Cobalt	-	6.2				
	Titanium	-	878				
	Thallium	-	0.29				
	Ash	-	14				

[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 flow/time 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.

Signed R.T. Powell Date 21/3/18

(authorised to sign as representative of the Operator)