

Richard

From:

Sent: 30 April 2012 09:57

To: Vincent, Richard (ERG-ALE)

Cc:

Subject: Industrial Emissions Directive: Large Combustion Plant - Ely Power Station

Dear Richard

As per your letter dated 28th December 2011, EPR Ely Limited (as operator of Elean/Ely power station) would like to register in the Transitional National Plan (TNP) as part of the implementation of the Industrial Emissions Directive (IED). EPR Ely Ltd is currently operating under an environmental permit determined against the Large Combustion Plant Directive which permit was issued by the Environment Agency before 27 November 2002, and as such we believe that it is eligible for registration under the TNP.

We have calculated the relevant releases to atmosphere as identified in the implementing rules in the annex to Appendix 2 of your letter. Due to some fuel data not being available for the period January 2001 to March 2002, we have estimated this data based upon the average data for the period April 2002 to December 2005. As agreed with DEFRA, we have had informal discussions with the Environment Agency regarding the missing early data and they have advised us that the average we have used in our calculations is consistent with its knowledge of our site.

As requested in your letter, we have used the format in the Annex to Appendix 2 for the data submission, and Appendices A and B (including Tables A1,B1, B2 and B3) are set out below giving the proposed emissions over the plan period.

Please could you acknowledge receipt of this email and, if you have any questions, please don't hesitate to contact me.

Yours sincerely

CEO/Director

EPR Ely Limited

Attachments:

APPENDIX A

Table A1

Number	Plant name	Plant location (address)	Date on which the application for the first permit for the plant has been submitted and date on which the plant has been put into operation for the first time	OR Date on which the first permit for the plant has been granted	Any extension by at least 50 MW of the total rated thermal input of the combustion plant, which took place between 27 November 2002 and 31 December 2010 (total extension in MW)	Total rated thermal input on 31/12/2010 (MW)	Annual number of operating hours (Average 2001 - 2010)	Pollutant(s) (SO ₂ , NO _x , dust) for which the plant concerned is NOT covered by the transitional national plan	Indicate if the plant is a gas turbine or gas engine	Annual 2010 T	
										hard coal	
	Elean Power Station	EPR Ely Ltd, Elean Business Park, Sutton, Ely, Cambridgeshire,	N/A	01/11/1999	N/A	114 MWth	N/A	SO2 & Dust	Neither		

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APPENDIX B

Table B.1 — Template for calculating the 2016 emission ceilings

Number	name	reference oxygen content	relevant ELV for SO ₂	relevant desulphurisation rate	plant's contribution to the 2016 SO ₂ ceiling	relevant ELV for NO _x	plant's contribution to the 2016 NO _x ceiling	relevant ELV for dust	plant's contribution to the 2016 dust ceiling	comments
		(%)	(mg/Nm ³)	(where applicable)	(tpa)	(mg/Nm ³)	(tpa)	(mg/Nm ³)	(tpa)	
	Elean Power Station	3				300	11.59			For gaseous fuel
	Elean Power Station	6				600	651.15			For biomass fuel

Table B.2 — Template for calculating the 2019 emission ceilings

Number	name	reference oxygen content	relevant ELV for SO ₂	relevant desulphurisation rate	plant's contribution to the 2019 SO ₂ ceiling	relevant ELV for NO _x	plant's contribution to the 2019 NO _x ceiling	relevant ELV for dust	plant's contribution to the 2019 dust ceiling	comments
		(%)	(mg/Nm ³)	(where applicable)	(tpa)	(mg/Nm ³)	(tpa)	(mg/Nm ³)	(tpa)	
	Elean Power Station	3				100	3.86			For gaseous fuel
	Elean Power Station	6				250	271.31			For biomass fuel

Table B.3 — Overview of emission ceilings (tonnes per year)

	2016	2017	2018	2019	2020
					(1 Jan – 30 Jun)

SO ₂					
NO _x	662.74	533.55	404.36	275.18	137.59
dust					

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