



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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Ref: MP/ES-A/20140227

Enquiries: Mr V. Senene

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Attention: Dave Lucas
Eskom Sustainability Division
P.O. Box 1091
Johannesburg
2001

Dear Applicant,

RE: APPLICATION FOR POSTPONEMENT OF COMPLIANCE TIME-FRAMES WITH NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT 39 OF 2004 S21 MINIMUM EMISSION STANDARDS – ARNOT POWER STATION

The above-mentioned application has reference.

Your application has been processed and the National Air Quality Officer has made the decision (with the concurrence of the Atmospheric Emission Licensing Authority), as follows:

S21 Category	Appliance	Postponement Sought	Emission Limits			
			Legislated Limits (mg/Nm ³)			Decision
			Pollutant	2015	2020	
Subcategory 1.1: Solid Fuel Burning Appliances	6 Units	None	PM	100	50	No decision is required because our finding is that the facility is currently operating in compliance with the minimum emission standards for new plant. The requirement to comply with minimum emission standards for existing plant thus remains in place.
		2500mg/Nm ³ for 2020-2025	SO ₂	3500	500	Our finding is that it is possible for the facility to comply with the minimum emission standards for existing plant. Therefore postponement of compliance with the minimum emission standard for new plant is granted from 1 April 2020 to 31 March 2025 with a limit of 2500mg/Nm ³ during this period



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S21 Category	Appliance	Postponement Sought	Emission Limits			
			Legislated Limits (mg/Nm ³)			Decision
						due to the expected emissions, which are based on the sulphur content of the fuel.
		1200mg/Nm ³ for 2015-2020	NOx	1100	750	Postponement of compliance with the minimum emission standards for existing plants is granted from 01 April 2015 to 31 March 2020 with a limit of 1200mg/Nm ³ during this period.

*The station is scheduled to be decommissioned between 2021 and 2029 according to the 50-year life span.

** All minimum emission standards are expressed on a daily average basis, under normal conditions of 273 K, 101.3 KPa, 10% oxygen and dry gas.

This decision will have to be reflected in your Atmospheric Emission License to be of force and effect. You are required to liaise with the relevant Atmospheric Emission Licensing Authority in this regard as soon as is reasonably possible so that the required amendments, variations and additions to your Atmospheric Emission License can be effected.

In addition, you are to implement an offset programme to reduce PM pollution in the ambient/receiving environment. A definite offset implementation plan is expected from yourselves by 31 March 2016.

Thank you for the co-operation in matters regarding your application.

Yours sincerely,



Dr Thuli N. Mdluli
Department of Environmental Affairs
Designation: National Air Quality Officer

Date: 13/02/2015