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MR P RHODE – HEAD: RESOURCE AND INFRASTRUCTURE PLANNING

The Water Procurement Manager
Generation Primary Energy
Eskom Holdings
Box 1091
JOHANNESBURG
2000

2008 -05- 14

(Attention: Mr N Govender – Fax No. 086 6628230)

Dear Sir

WATER SUPPLY TO THE ANKERLIG POWER STATION AT ATLANTIS, CAPE TOWN

Previous discussions between Eskom and City of Cape Town officials regarding water supply to the Ankerlig Power Station at Atlantis in Cape Town refer.

The City of Cape Town, from its overall water resource capacity, will be able to supply the additional anticipated water demand of the Ankerlig Power Station of 300 to 500m³ of water per day.

However, Atlantis is on the extremity of our distribution system and this introduces constraints on the maximum volume of potable water we are able to supply to the area. With the potential for future residential and industrial growth in the north-west corridor of the City, which includes Atlantis, we anticipate an increase in the demand for potable water in the area.

Therefore, to ensure that we use our existing potable water supplies as responsibly as possible, we strongly encourage Eskom during the design phase of the proposed augmentation of the power station to investigate using alternative supplies of water for operations.

One of the alternative sources which should be considered is the use of effluent treated at the Westfleur Wastewater Treatment Works from the wastewater runoff of the industrial area of Atlantis. However, a certain volume of this is used in the Atlantis aquifer recharge scheme that is a significant water resource for the area. The City intends conducting a study to look at the water balance of the groundwater recharge system and one of the results of this investigation will be the volume of industrial effluent from the Westfleur WWTW that will be available for alternative water use. This investigation should be completed within the next few months and the availability of treated industrial effluent will be communicated to Eskom with the view of factoring it into your design process.

Please note that the above does not mean that the required flow and pressure will be available from the water reticulation network in the vicinity of the power station. Localised availability of supply must be confirmed with the relevant Area Manager, Reticulation Branch, Water and Sanitation Department of the City of Cape Town.

Also please note that this letter does not constitute an agreement or undertaking to provide a water connection to the development. A formal application in this regard will have to be made to the above Area Manager of the Water and Sanitation Department.

Yours faithfully

P RHODE

EXECUTIVE DIRECTOR: UTILITY SERVICES

Copies to: *K Samson, Manager, Waste Water*
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