



water affairs

Department
Water Affairs
REPUBLIC OF SOUTH AFRICA

K. Legge/K Mnisi
Tel: 012 336 8677/8944
Ref: 16/277/A220/C7

CHIEF DIRECTOR: WATER USE

For attention Director: Resource Protection and Waste, Ms W Moolman, and Ms M Mohlala

NEMWA AND WULA: ENGINEERING SERVICES COMMENT: KOMATI ASH DAM EXTENSION 3

1. Presentation

On Monday 18 February 2013 at 14h00 the amended design detail was presented by Mr D Brink of Jones and Wagener consultants and Mr S Kunene from Eskom, following the earlier meeting of 18 January 2013.

2. Documentation

The following reports, drawings and correspondence were presented for consideration:

- a) Letter from CD: ES to CD: WU dated 31 January 2013 rejecting the unlined ash dam extension.
- b) One drawing: Komati Power Station Ash Dam 1 Extension 3 Base Liner Layout D925-00-001 (drawn 14 February 2013).

3. Consideration

The design has been amended to incorporate a single composite liner over the area of extension and incorporates a geotextile protection layer and 500mm of course ash for drainage, with a perimeter blanket drain.

This is better than the minimum compromise agreed to earlier, and fully meets the accepted norms and standards set by the Minimum Requirements 2nd edition and the superior DEA gazetted draft containment standards of 2012.

4. Recommendation

It is recommended that the amended design reflected on the above drawing is accepted for both the WULA and the NEMWA waste license applications.



ACTING CHIEF DIRECTOR: ENGINEERING SERVICES

Letter signed by KR Legge

Chief Engineer: Integrated Environmental Engineering

Date 11/03/2013

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