



DEPARTEMENT VAN WATERWESE EN BOSBOU  
DEPARTMENT OF WATER AFFAIRS AND FORESTRY  
REPUBLIEK VAN SUID-AFRIKA • REPUBLIC OF SOUTH AFRICA



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WATERWESE • WATER AFFAIRS

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Navrae: A.J. OLIVIER  
Enquiries:  
Telefoon: 299 2077  
Telephone:  
Verwysing: B33/2/200/71  
Reference:

Steffen, Robertson and Kirsten  
P.O. Box 55291  
NORTHLANDS  
2116


1992-02-17

ATTENTION: MR. R.J. STUART

Dear Sir

PERMIT IN TERMS OF SECTION 20(1) OF THE ENVIRONMENT CONSERVATION  
ACT, 1989 (ACT 73 OF 1989)

Attached hereto is Permit B33/2/200/71/P21 for the disposal of  
asbestos waste on the Kriel Power Station Ash Dam waste disposal  
site, District of Bethal.

  
DIRECTOR-GENERAL



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299 2077

B33/2/200/71

PERMIT NUMBER: B33/2/200/71/P21

TYPE: ~~ASBESTOS~~

WASTE DISPOSAL SITE: KRIEL POWER STATION

LOCATION: KRIEL POWER STATION 65 IS, DISTRICT OF BETHAL.

PERMIT HOLDER: ESKOM

ADDRESS: P O BOX 5009, KRIEL, 2271

PERMIT IN TERMS OF SECTION 20 OF THE ENVIRONMENT CONSERVATION ACT, 1989 (ACT 73 OF 1989)

By virtue of the powers delegated to me by the Minister of Water Affairs and Forestry (hereinafter referred to as "the Minister"), I, Wouter van der Merwe, in my capacity as Manager: Scientific Services of the Department of Water Affairs and Forestry, hereby, in terms of section 20(1) of the Environment Conservation Act, 1989 (Act 73 of 1989), authorise the abovementioned Permit Holder to establish and operate the abovementioned waste disposal site, subject to the conditions specified herein.

PERMIT CONDITIONS

In this Permit, "Director" means the Director: Water Quality Management of the Department of Water Affairs and Forestry who may be contacted at the address below:

Director-General  
Attention: Director Water Quality Management  
Department of Water Affairs and Forestry  
Private Bag X313  
PRETORIA  
0001

## 1. LOCATION

This Permit authorises the establishment, development and operation of an asbestos waste disposal site at Kriel Power Station on the farm Kriel Power Station 65 IS, in the District of Bethal (hereinafter referred to as "the Site") according to the permit application and motivation reports 192341/1 and 192341/2 by Steffen, Robertson and Kirsten (Consulting Engineers), dated February 1992 (hereinafter referred to as "the Reports"). The boundaries of the Site shall be as indicated on drawing number 192341/1 of the Reports.

## 2. PERMISSIBLE WASTE

The Site shall only be used for the disposal of asbestos waste.

## 3. CONSTRUCTION

3.1 The Site or any portion thereof may only be used for the disposal of permissible waste if the Site or any such portion is constructed or developed according to condition 3 of this Permit.

3.2 Construction and further development of the Site shall be done according to the Reports.

3.3 After construction of the Site or any extension thereof, the Permit Holder shall notify the Director before disposal may commence on the Site. The Site shall be inspected by an official of the Department of Water Affairs and Forestry. If the Director is satisfied with the construction of the Site and has given written permission, the Permit Holder may use the Site for the disposal of asbestos waste.

3.4 Works shall be constructed and maintained on a continuous basis by the Permit Holder to divert and drain from the Site in a legal manner, all runoff water arising on land adjacent to the Site, which could be expected as a result of the estimated maximum precipitation during a period of 24 hours with an average frequency of once in fifty years (hereinafter referred to as the "estimated maximum precipitation"). Such works shall, under the said rainfall event, maintain a freeboard of half a metre.

3.5 The Site shall be constructed in accordance with recognised civil engineering practice to ensure that it remains stable.

## 4. ACCESS CONTROL

4.1 Weatherproof, durable and legible notices in both official languages shall be displayed at each entrance to the Site. These notices shall prohibit unauthorised entry and state the hours of operation, the name, address and telephone number of the Permit Holder and the person responsible for the operation of the Site.

4.2 The Site shall be fenced to a minimum height of 1,8 metres, with gates of the same height at all entrances, to reasonably prevent unauthorised entry. At each entrance gate to the Site the approved asbestos warning notice shall be displayed.

4.3 The Permit Holder shall ensure that all entrance gates are manned during the hours of operation and locked outside the hours of operation.

4.4 The Permit Holder shall ensure effective access control.

4.5 The Permit Holder shall take all reasonable steps to prevent the disposal of waste on the Site for which the Site has not been approved.

## 5. OPERATION

5.1 The Site shall be operated as discussed in paragraph 3 of the motivation report 192341/2 by Steffen, Robertson and Kirsten (Consulting Engineers), dated February 1992.

5.2 Asbestos waste disposed of on the Site may not be reclaimed.

## 6. REPORTING

The site specific information required in Annexure I shall be submitted to the Director on an annual basis.

## 7. REHABILITATION AND CLOSURE OF THE SITE

7.1 The Permit Holder shall, at least 60 days prior to the intended closure of the Site, notify the Director by registered mail of such closure.

7.2 Immediately following the cessation of operations with the intention to close the Site, the surface of the Site shall be covered in such a way that -

7.2.1 the formation of pools due to rain is prevented;

7.2.2 free surface runoff of rain-water is ensured; and

7.2.3 no objects or materials which may hamper the rehabilitation of the Site are present.

7.3 The Permit Holder shall rehabilitate the Site in accordance with the Reports as submitted by the Permit Holder and to the satisfaction of the Director.

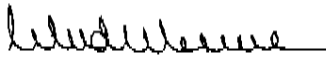
## 8. LEASING AND ALIENATION OF THE SITE

Should the Permit Holder want to alienate or lease the Site, he shall notify the Director of such an intention in writing at least 60 days prior to the said transaction.

## 9. GENERAL

9.1 This Permit shall not be transferable without the written approval and subject to the conditions specified by the Minister.

- 9.2 This Permit shall not be construed as exempting the Permit Holder from compliance with the provisions of the Health Act, 1977 (Act 63 of 1977), the Water Act, 1956 (Act 54 of 1956), the Machinery and Occupational Safety Act, 1983 (Act 6 of 1983) or any other applicable act, ordinance, regulation or by-law.
- 9.3 The Minister shall have the power to amend or withdraw this Permit.

  
MANAGER: SCIENTIFIC SERVICES  
P.P. MINISTER OF WATER AFFAIRS AND FORESTRY

DATE: 1992.08.12