



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA


File Reference Number:  
NEAS Reference Number:  
Date Received:

(For official use only)

12/12/20/ or 12/9/11/L

DEAT/

Application for integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010; and
- (2) National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 718 of 2009.

### PROJECT TITLE

**Proposed extension of ashing facilities for Kusile Power Station**

## PART A: INFORMATION AND APPLICATION PROCESS

### 1. DEFINITIONS

Definitions in this form are as per the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), the Environmental Impact Assessment ("EIA") Regulations, 2010, the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("NEMWA") and the Schedule contained in Government Notice 718, published on 3 July 2009 in terms of section 19 of NEMWA.

### 2. APPLICABILITY OF INTEGRATED ENVIRONMENTAL AUTHORISATION PROCESS

The integrated environmental authorisation process only apply in instances where the **Minister** is both the-

- (a) competent authority for the environmental authorisation applied for in terms of NEMA and the EIA Regulations, 2010; and
- (b) the licencing authority for the waste management licence in terms of NEMWA.

Kindly refer to paragraph 3.2 of this part of the application to determine in which instances the Minister would be the competent authority in terms of NEMA and the licencing authority in terms of NEMWA.

### **3. APPLICATION PROCESS EXPLAINED:**

#### **3.1 Integrated environmental authorisation process:**

- 3.1.1 The environmental authorisation process prescribed for listed activities under Listing Notices 1, 2 and 3 published in *Government Gazette* Numbers R544, R545 and R546 respectively and the waste licensing process for listed activities contained in the Schedule in Government Notice 718, 2009 published in terms of section 19 of NEMWA are as defined in the Environmental Impact Assessment (EIA) Regulations made under section 24(5) of the National Environmental Management Act, 2008 (Act No. 107 of 1998) ("NEMA").
- 3.1.2 This integrated application form is the official form in terms of regulation 12(2)(a) of the EIA Regulations, 2010 and must accompany every integrated environmental authorization application pertaining to-
- listed activities in terms of NEMA; and
  - waste activities in terms of NEMWA.

#### **3.2 Competent Authority (Where to submit applications)**

- 3.2.1 The Minister of Water and Environmental Affairs is the-
- competent authority in respect of the activities listed in Listing Notices 1, 2 and 3, published in *Government Gazette* numbers R544, R545, and R546 respectively, in terms of NEMA if the activity-
    - (a) has implications for international environmental commitments or relations;
    - (b) will take place within an area protected by means of an international environmental instrument, other than-
      - (i) any area falling within the sea-shore or within 150 meters seawards from the high-water mark, whichever is the greater;
      - (ii) a conservancy;
      - (iii) a protected natural environment;
      - (iv) a proclaimed private nature reserve;
      - (v) a natural heritage site; and
      - (vi) the buffer zone or transitional area of a world heritage site;
    - (c) has a development footprint that falls within the boundaries of more than one province or traverses international boundaries;
    - (d) Is undertaken, or is to be undertaken by-
      - (i) A national department;
      - (ii) A provincial department responsible for environmental affairs or any other organ of state performing a regulatory function and reporting to the MEC; or
      - (iii) A statutory body, excluding any municipality, performing an exclusive competence of the national sphere of government; or
    - (e) Will take place within a national proclaimed protected area or other conservation area under control of a national authority.
  - licencing authority in respect of all activities listed in both categories of the Schedule contained in Government Notice 718, 2009 published in terms of section 19 of NEMWA where –
    - (a) Unless otherwise indicated by the Minister by notice in the *Gazette*, the waste management activity involves the establishment, operation, cessation or

- decommissioning of a facility at which hazardous waste has been or is to be stored, treated or disposed of;
- (b) The waste management activity involves obligations in terms of an international obligation, including the importation or exportation of hazardous waste;
  - (c) The waste management activity is to be undertaken by-
    - (i) A national department;
    - (ii) A provincial department responsible for environmental affairs; or
    - (iii) A statutory body, excluding any municipality, performing an exclusive competence of the national sphere of government;
  - (d) The waste management activity will affect more than one province or traverse international boundaries; or
  - (e) Two or more waste management activities are to be undertaken at the same facility and the Minister is the licencing authority for any of those activities.

However, despite the above-mentioned legislative provisions, the Minister and an MEC may agree that an application for a waste management activity or an environmental authorisation in respect of the above-mentioned activities, where the Minister is the competent/licencing authority, may be dealt with by the relevant MEC within whose province the activity(ies) will take place. Similarly the Minister and the MEC may agree that an application for an environmental authorisation or a waste management activity where the MEC has been identified as the competent/licencing authority, may be dealt with by the Minister. [Section 24C(3) of NEMA and section 43(3) of NEMWA]

The integrated application for environmental authorisation must be submitted by lodging an application with the National Department of Environmental Affairs. The application must be marked for the attention of:

The Director: Environmental Impact Evaluation  
Private Bag X447  
Pretoria 0001  
Tel: 012 310 3230

### 3.3 Making an Application

- 3.3.1 This application form is current as of 1 September 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority. It is the applicant's responsibility to download the current version of the application form from the website of the Department at <http://www.deat.gov.za>.
- 3.3.2 The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
- 3.3.3 The applicant must clearly mark confidential sections of the information submitted in the application form and supporting documents. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
- 3.3.4 The applicant must fill in all relevant sections of this form. Incomplete applications will not be processed. The applicant will be notified of the missing information in the acknowledgement letter that will be sent within 14 days of receipt of the application.
- 3.3.5 Incomplete applications may be returned to the applicant for revision.
- 3.3.6 Sections in the form that do not apply to the applicant must be marked "not applicable". However, the use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
- 3.3.7 Where applicable **black out** the boxes that are not applicable in the form.
- 3.3.8 This application form (together with four hard copies of this application form), must be handed in at the offices of the relevant competent authority as determined by the relevant Acts and Regulations and as indicated in this application form. All application forms must be signed as stipulated in the form. Applications that are not signed or completed accordingly will not be considered.
- 3.3.9 No faxed or e-mailed applications will be accepted.
- 3.3.10 There is currently no prescribed fee.

### 3.4 Appointment of an EAP

- The applicant must appoint an EAP in terms of EIA Regulations, 2010;
- The EAP must comply with general requirements as given in EIA regulations, 2010; and
- The EAP may be disqualified in terms of EIA Regulations, 2010.

### **3.5 Criteria for determining whether basic assessment or scoping is to be applied to applications**

#### **3.5.1 NEMA activities**

(a) Basic assessment must be applied to an application if the authorisation applied for is in respect of an activity listed in Listing Notices 1 and/or 3 published in Government Gazette Numbers R544 and R546, 2010 respectively and which must follow the process described in sections 21-25 of the EIA Regulations, 2010; and

(b) Scoping and Environmental Impact Reporting Process ("S&EIR") must be applied to an application if the authorisation applied for is in respect of an activity listed in Listing Notice 2 published in Government Gazette Number R545, 2010 and which must follow the process described in sections 26-35 of the EIA Regulations, 2010.

#### **3.5.2 NEMWA activities**

(a) Basic assessment, in terms of sections 21-25 of the EIA Regulations, 2010, must be applied to an application if the authorisation applied for is in respect of an activity listed in Category A of the Schedule contained in Government Notice 718, published on 3 July 2009, in terms of section 19 of NEMWA; and

(b) S&EIR, in terms of sections 26-35 of the EIA Regulations, 2010, must be applied to an application if the authorisation applied for is in respect of an activity Category B of the Schedule contained in Government Notice 718, published on 3 July 2009, in terms of section 19 of NEMWA.

#### **3.5.3 Combination of NEMA and NEMWA activities**

Should any of the NEMA or NEMWA activities applied for require the application of the S&EIR process, the S&EIR process will be applied to this application for integrated environmental authorisation.

**Queries must be addressed to the contact hereunder:**

#### **Departmental Details**

**Postal address:**

Department of Environmental Affairs  
Attention: Director: Environmental Impact Evaluation  
Private Bag X447  
Pretoria  
0001

**Physical address:**

Department of Environmental Affairs  
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)  
2<sup>nd</sup> Floor North Tower  
315 Pretorius Street  
Pretoria  
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3290  
Fax: 012-320-7539

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## PART B: GENERAL

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### 1. DESCRIPTION OF PROJECT

The entire project will entail the following (full detail of the project can also be appended):

Kusile Power Station (5400 MW) is a coal fired power station which Eskom is presently constructing that will be operating as part of its power generation fleet. The power station will employ dry ashing for the disposal of its ash. To this end, an ash dump site was approved as part of the station's Environmental Authorisation. Recent studies have revealed that the current ash disposal facility will not be able to accommodate all the ash to be generated by the station during its operational life. In order for the station to continue with ashing in an environmentally responsible manner, a new site has to be identified, designed and licensed for the construction of a new ashing facility, which will be able to accommodate the life of station's ashing. To ensure that the facility operates for the remaining operational life of Kusile Power Station, it is anticipated that an ash facility with a ground footprint of 1500 ha will be required.

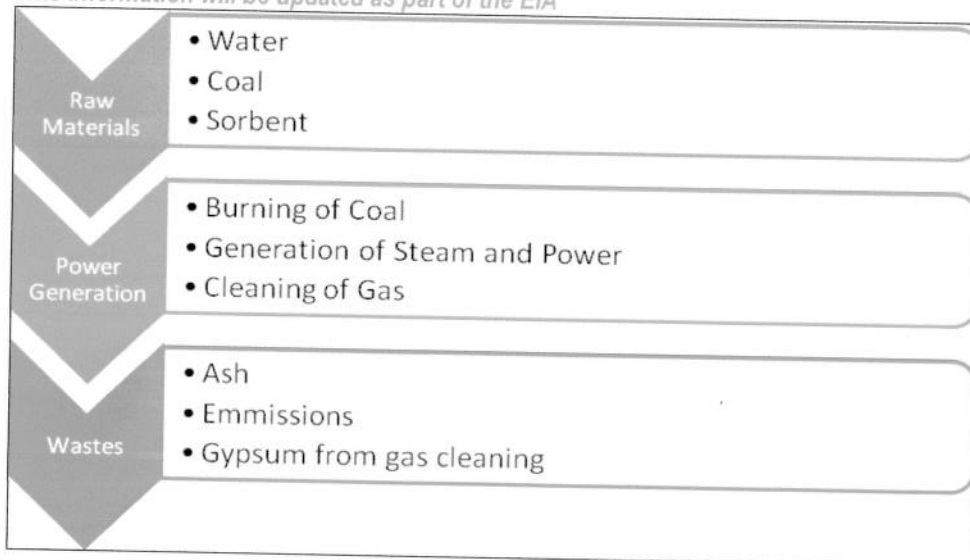
Purpose of application:

The purpose of this application is to obtain environmental authorisation (licencing) for an extension of the ash disposal facilities for Kusile Power Station in order for the station to dispose of the ash in a sustainable and environmentally responsible manner.

### 2. FLOW CHART OF OPERATIONS

Please provide a brief description of the activities and operations at the site. Provide a flow chart of the operation showing all inputs and outputs of the process. Give particulars of the source, location, nature, composition and quantity of emission to the atmosphere, surface water, sewer, and ground-water including noise emissions. Solid waste must be in tons and specify units for liquids and gases.

*This information will be updated as part of the EIA*



### 3. BACKGROUND INFORMATION

Project applicant:	TBC	
Trading name (if any):	Eskom SOC Holdings Ltd	
Contact person:		
Physical address:	Kusile Power Station	
Postal address:		
Postal code:	Cell:	
Telephone:	Fax:	
E-mail:		

Landowner:	Kusile Power Station and new land will be purchased. This detail will be provided at close of site selection/ screening phase	
Contact person:		
Postal address:		
Postal code:	Cell:	
Telephone:	Fax:	
E-mail:		

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Ownership of the property (mark only one with an X)

Property owned by applicant (100% Share value)	<input type="checkbox"/>	Property leased by applicant	<input type="checkbox"/>
Property owned by applicant (Share value less than 100%)	<input checked="" type="checkbox"/>	The property is communal land	<input type="checkbox"/>

\*At present the properties are not all owned by Eskom, but they will be acquired as soon as the EIA is approved. Please refer to the list of properties.

Local authority in whose jurisdiction the proposed activity will fall:	Emalahleni / City of Tshwane / Kungwini Local Municipalities	
	<b>Please refer to attached list for the contact details</b>	
Nearest town or districts:		
Contact person:		
Postal address:		
Postal code:	Cell:	
Telephone:	Fax:	
E-mail:		

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

**Please refer to attached list.**

**Please note that a complete list of all organs or state and or any other applicable authority with their contact details must be appended to this application.**

Property description/physical address:

*At present the area under investigation is any open area of approximately 1500 ha within 15 km of the Kusile Power Station. Once the site selection process is completed more specific details of the properties will be provided.*

(Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.

*Please refer to attached list of properties that are within a 15 km radius of the site.*

*Once site selection has been completed this list will be updated*

In instances where there is more than one town or district involved, please attach a list of towns or districts to this application.

Current land-use where the site is situated:

Industrial	x
Agriculture	x
Residential	
Forestry	
Wetlands	x
Open spaces	x

Recreation	
Commercial	
Mining & quarrying	x
Wilderness areas	
Nature area	

Other current land-use.....

Current land-use zoning:

Agricultural / Industrial

In instances where there is more than one current land-use zoning, please attach a list of current land use zonings that also indicate which portions each use pertains to, to this application.

Is a change of land-use or a consent use application required?  
Must a building plan be submitted to the local authority?

	NO
	NO



Locality map:

An A3 locality map must be attached to the back of this document, as Appendix A. The scale of the locality map must be relevant to the size of the development (at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map.) The map must indicate the following:

- an accurate indication of the project site position as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the site(s);
- all roads within a 1km radius of the site or alternative sites; and
- a north arrow;
- a legend; and
- locality GPS co-ordinates (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection).

#### 4. SITE IDENTIFICATION AND LINKAGE, LOCATION AND LANDUSE

4.1 Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

*\*For a list of the properties under investigation within the 10km radius please refer to the attached table. The appropriate list of specific will be finalised with completion of the site selection process.*

1	2	3	4	5																

**LEGEND:**

- 1. Refers to the Surveyor's-General Office
- 2. Major Code (Registration Division)
- 3. Minor code
- 4. Property No (i.e. Farm No./Erf No./Holding Area No./Sheme No.)
- 5. Portion Number

(if there are more than 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

4.2 If the property type is not surveyed, complete the following: **The land is surveyed and privately owned.**

Full name of leader of village, community or tribal authority

Local Authority

Magisterial District

Emalahleni/City of Tshwane/Kungwini LM
Nkangala DM

**PART C: LISTED ACTIVITIES APPLIED FOR IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE ENVIRONMENTAL IMPACT REGULATIONS, 2010**

**1. ACTIVITIES APPLIED FOR TO BE AUTHORISED**

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:	Activity No (s) (ito the relevant or notice) :	Describe each listed activity as per the detailed project description (and not as per wording of the relevant Government Notice):
GN R. 545 of 2010	Activity 6	The construction of facilities or infrastructure for the bulk transportation of dangerous goods – i) in gas form, outside and industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 700 tons per day; ii) in liquid form, outside and industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 50 cubic metres per day; <b>iii) in solid form, outside and industrial complex, using funiculars or conveyors with a throughput capacity of more than 50 tons per day;</b>
GN R. 545 of 2010	Activity 15	Physical alteration of undeveloped, vacant or derelict land for residential, retail, commercial, industrial or institutional use where the total area to be transformed is 20 hectares or more;
GN R. 544 of 2010	Activity 12	The construction of facilities for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more, unless such storage falls within the ambit of Activity 19 of GNR 545
GN R. 544 of 2010	Activity 22	The construction of a road outside urban areas i) With a reserve wider than 13,5 metres; ii) Where no reserve exists where the road is wider than 8 metres, or iii) For which an EA was obtained for the route determination in terms of Activity 5 of GN 387 of 2006 or Activity 18 of GN 545 of 2010.
GN R. 544 of 2010	Activity 24	The transformation of land bigger than square 1000 metres in size, to residential, retail commercial, industrial or institutional use,

		where at the time of coming into effect of this Schedule such land was zoned as open space, conservation or has an equivalent zoning.
GN R. 544 of 2010	Activity 29	The expansion of facilities for the generation of electricity where: <ul style="list-style-type: none"> <li>i) The electricity output is increased by 10 MW or more, excluding where such expansion takes place on the original development footprint;</li> <li><b>ii) Regardless the increased output of the facility, the development footprint will be increased by 1 hectare or more.</b></li> </ul>
GN R. 544 of 2010	Activity 47	The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre <ul style="list-style-type: none"> <li>i) With a reserve wider than 13,5 metres;</li> <li>ii) Where no reserve exists where the road is wider than 8 metres,</li> </ul> Excluding widening or lengthening inside urban areas.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

2. TYPE OF APPLICATION REQUIRED FOR ABOVE-MENTIONED ACTIVITIES

2.1 Application for Basic Assessment

Is this an application for conducting a basic assessment (as defined in the Regulations)?

	NO

Please indicate when the basic assessment report will be submitted:

N/A
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2.2 Application for Scoping and Environmental Impact Reporting (S&EIR) assessment

Is this an application for S&EIR (as defined in the Regulations)?

YES	

Please indicate when the S&EIR Report (including the Plan of Study for EIA) will be submitted:

<b><i>The Scoping Report should be submitted by January 2012 and the EIR by August 2012</i></b>
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The S&EIR report will be submitted

YES	
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after consultation with the competent authority:

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**PART D: ACTIVITIES APPLIED FOR IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 AND THE ENVIRONMENTAL IMPACT REGULATIONS, 2010**

**SECTION 1: TYPE OF APPLICATION AND FACILITY:**

**1.1 Indicate the type of facility/operation and fill in the required sections only**

TYPE OF ACTIVITY	MARK	SECTIONS OF THE FORM TO BE FILLED IN
Recycling and/or recovery Facility		All except Section 5
Storage and or transfer Facility		All except Section 5
Treatment facility		All except Section 5
Disposal facility	X	All

**1.2 Activities applied for:**

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed.

INDICATE THE NO. & DATE OF THE RELEVANT NOTICE:	ACTIVITY NUMBERS (AS LISTED IN THE WASTE MANAGEMENT ACTIVITY LIST) :	DESCRIBE EACH LISTED ACTIVITY (and not as per the wording of the relevant Government Notice):
<i>GN 718 Category B, 2009</i>	9	The disposal of any quantities of hazardous waste to land.
	11	The construction of facilities for the activities listed in Category B of this Schedule.

NB: Authorisation issued will only cover activities applied for and listed above. Activities added in the middle or after the processing of this authorisation may mean a totally new application.

**1.3 TYPE OF APPLICATION REQUIRED FOR ABOVE-MENTIONED ACTIVITIES**

**1.3.1 Application for Basic Assessment**

Is this an application for conducting a basic assessment (as defined in the Regulations)?

	<b>NO</b>

Please indicate when the basic assessment report will be submitted:

N/A
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**1.3.2 Application for Scoping and Environmental Impact Reporting (S&EIR) assessment**

Is this an application for S&EIR (as defined in the EIA Regulations, 2010) reporting?

YES	NO

Please indicate when the S&EIR Report (including the Plan of Study for EIA) will be submitted:

*The Scoping Report should be submitted by January 2012 and the EIR by August 2012*

The scoping report will be submitted after consultation with the competent authority:

YES	NO

#### 1.4 Size of Site and Classification

Size of facility for a waste management activity

~1500 ha in footprint including supporting structures

Area where the waste management activity takes place

~1500 ha in footprint (inside a 15 km radius from power station)

Classification of facility in terms of climatic water balance

To be submitted with EIR

Classification of Facility in terms of the type and the quantity of waste received

To be submitted with EIR

#### 1.5 Operational times

PERIOD	FROM	UNTIL
Weekdays	12:00 AM	12:00 AM
Saturdays	12:00 AM	12:00 AM
Sunday	12:00 AM	12:00 AM
Public holidays	12:00 AM	12:00 AM

### SECTION 2: WASTE QUANTITIES

2.1 Indicate or specify types of waste and list the estimated quantities expected to be managed daily (should you need more columns, you are advised to add more)

Hazardous waste	Non hazardous waste	Total waste handled (tonnes per day)
Ash – classification to be determined as part of the EIA		Tonnages and volumes to be confirmed in the EIR

Source of information supplied in the table above Mark with an "X"

Determined from volumes

Determined with weighbridge/scale

Estimated

X

2.2 Recovery, Reuse, Recycling, treatment and disposal quantities:

Indicate the applicable waste types and quantities expected to be disposed of and salvaged annually:

TYPES OF WASTE	MAIN SOURCE (NAME OF COMPANY)	QUANTITIES		ON-SITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE DISPOSAL
		TONS/MONTH	M <sup>3</sup> /MONTH	method & location	method location and contractor details	
Ash	Kusile Power Station	<i>No recovery, reuse or recycling anticipated at this stage but this information will be confirmed in the EIR</i>				

### SECTION 3: GENERAL

#### 3.1 Prevailing wind direction (e.g. NWW)

November – April  
May - October

N - NW
NW - WNW

#### 3.2 The size of population to be served by the facility

	Mark with "X"	Comment
0-499	n/a	The facility will serve the Kusile Power Station
500-9,999		
10,000-199,999		
200,000 upwards		

#### 3.3 The geological formations underlying the site:

Granite		Quartzite	
Shale	X	Dolomite	
Sandstone	X	Dolerite	

Other \_\_\_\_\_

### SECTION 4: COMPETENCE TO OPERATE SITE

It is imperative that the holder of the waste management licence is a fit person in terms of section 59 of the NEMWA (59 of 2008). To assess the holder's competence to operate the site, please disclose the following:

#### 4.1 Legal compliance

Has the applicant ever been found guilty or issued with a non compliance notice in terms of any national environmental management legislation?

Has the applicant's licence in terms of the Waste Act 2008 ever been revoked?

Has the applicant ever been issued with a non compliance notice or letter in terms of any South African Law?

YES/NO	DETAILS
No	
No	
No	

*NB: Details required above include any information that the applicant wants the Department to take into consideration in determining whether they are a "fit person" and this includes reasons why the offence happened and measures in place to prevent recurrence*

## 4.2 Technical competence

What technical skills are required to operate the site?

*Eskom currently has operators on site operating the same kind of plant however should additional staff be required the following will apply:*

- *Eskom shall ensure that all key positions are advertised in the newspaper and filled by competent and suitably qualified people.*
- *Eskom shall ensure that all personnel on site undergo specific waste management training e.g. in the courses highlighted above as well as other waste management courses to ensure continuous professional development (CPD).*
- *Eskom shall ensure that personnel on site are inducted through the operations manual and through specific training prior to commencement of work on the site.*
- *Eskom shall ensure that all staff are properly trained and qualified to operate the plant*

How will the applicant ensure and maintain technical competency in the operation of the site?

*Eskom will follow its standard operating and training procedures as those currently implemented at the power station, to ensure that the staff remains appropriately qualified.*

## 4.3 Details of applicant's experience and qualification along with that of relevant employees must be summarised as shown in the table below:

NAME	POSITION	DUTIES AND RESPONSIBILITIES	QUALIFICATIONS AND EXPERIENCE
<i>Information to be submitted with the EIR</i>			



#### 4.4 Financial Provisions

Provide a plan of estimated expenditure for the following:

	ATTACHED/NOT ATTACHED	SECTION OF THE REPORT WHERE IT IS ATTACHED
Environmental Monitoring		<i>Information to be submitted with the EIR</i>
Provision and replacement of infrastructure		<i>Information to be submitted with the EIR</i>
Restoration and aftercare		<i>Information to be submitted with the EIR</i>

#### SECTION 5: LANDFILL PARAMETERS

##### 5.1 The method of disposal of waste:

Land-building  Land-filling  Both

##### The dimensions of the disposal site in metres

	At commencement	After rehabilitation
Height/Depth	<i>Information to be submitted with the EIR and Design Report</i>	
Length		
Breadth		

##### 5.2 The total volume available for the disposal of waste on the site:

Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99		<i>Information to be submitted with the EIR</i>
100-34 999		
35 000- 3,5 million		
>3,5 million		

##### 5.3 The total volume already used for waste disposal:

- (a) Will the waste body be covered daily  
 (b) Is sufficient cover material available  
 (c) Will waste be compacted daily

YES	NO
Unknown	To be addressed in the operating plan
Unknown	

If the answers (a) and/or (b) are No, what measures will be employed to prevent the problems of burning or smouldering of waste and the generation of nuisance?

Ash from the power station is an inert waste that cannot burn or smoulder. Nuisance dust from the facility can be prevented by installing dust suppression systems to prevent windblown dust. This will be addressed in detail in the operating plan for the facility.

##### 5.4 The Salvage method

Mark with an "X" the method to be used.

- At source
- Recycling installation
- Formal salvaging
- Contractor
- No salvaging planned

X

**5.5 Fatal Flaws for the site:**

Indicate which of the following apply to the facility for a waste management activity:  
*Information to be submitted with the EIR*

- Within a 3000m radius of the end of an airport landing strip
- Within the 1 in 50 year flood line of any watercourse
- Within an unstable area(fault zone, seismic zone, dolomitic area, sinkholes)
- Within the drainage area or within 5 km of water source
- Within an area with shallow and/or visible water table
- Within an area adjacent to or above an aquifer
- Within an area with shallow bedrock and limited available cover material
- Within 100 m of the source of surface water
- Within 1km from the wetland
- Indicate the distance to the boundary of the nearest residential area
- Indicate the distance to the boundary of the industrial area

YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
_____metres	
_____metres	

**5.6 Wettest six months of the year**

November- April	x
May -October	

**5.7 For the wettest six month period indicated above, indicate the following for the preceding 30 years**

	Total rainfall for 6 months	Total A-pan evaporation for 6 months	Climatic water balance
For the 1 <sup>st</sup> wettest year	<i>Information to be submitted with the EIR</i>		
For the 2 <sup>nd</sup> wettest year			
For the 3 <sup>rd</sup> wettest year			
For the 4 <sup>th</sup> wettest year			
For the 5 <sup>th</sup> wettest year			



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**PART E: DECLARATION BY THE APPLICANT**

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1. The Applicant

I, C.S. PRINSLOO, declare that I -

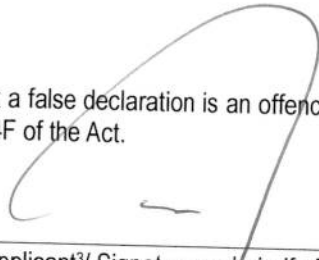
- am, or represent<sup>1</sup>, the applicant in this application;
- have appointed an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application<sup>2</sup>;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
  - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
  - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
  - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
  - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and

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<sup>1</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

<sup>2</sup> If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.



Signature of the applicant<sup>3</sup>/ Signature on behalf of the applicant: \_\_\_\_\_

ESKOM - KUSILE Power Station  
Name of company (if applicable): \_\_\_\_\_

29/08/2011  
Date: \_\_\_\_\_

<sup>3</sup> If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.