

Du Toit, Jessica

From: Trevor Moodley <MoodleyT@eskom.co.za>
Sent: 08 July 2016 12:02 PM
To: Du Toit, Jessica
Subject: Stakeholder Engagement Process (KNPS)

Follow Up Flag: Follow up
Flag Status: Flagged

Subject:Environmental Impact Assessment (EIA) for the Proposed Used Fuel Transient Interim Storage Facility at Koeberg Nuclear Power Station

Hi Jessica,

I hope you are well.

Note: The current storage in the ISI is sufficient evidence to warrant the continued storage of spent fuel, ie: Dry Casking ☺.

My comments/discussion:

Location:

- 1) Will the new build and the future of Nuclear Build affect its on-site location.
- 2) The considered Ideal Location would be (North ,opposite Low Level Waste area).

Preparation for the replacement of PTR Tanks as well as the Steam Generator Replacement:

- 1) Will the time lines and urgency for implementation not clash with these activities.
- 2) Will an alternative route(extra road) be created that will service the building/ construction of the Dry Cask area and not interfere with the general running and outlay of the current power plant (consider this as an alternative "evacuation" route).

I thank you and have yourself a great day further.

With Kind Regards

MAHATMA GANDHI : I shall pass through this world but once. Any good that I can show to my fellow human being, let me do it now. Let me not deter or neglect, for I shall not pass this way again.

MAHATMA GANDI : Silence becomes cowardice when occasion demands speaking out the whole truth and acting accordingly.

BENJAMIN FRANKLIN: Tell me and I forget. Teach me and I remember. Involve me and I learn.

Make your passion your job, and you will never work a day in your life.

Trevor Moodley
Quality Control Inspector (Mech/Corr)
Eskom(Koeberg Nuclear Power Station)
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Du Toit, Jessica

From: Duval La Grange <duvall@mweb.co.za>
Sent: 11 July 2016 05:10 PM
To: Du Toit, Jessica; Shaun Pienaar; Debbie Joshua; Lewis Phidza
Cc: Jones, Sharon
Subject: Re: 478317: Koeberg TISF EIA - Availability of Scoping Report for comment

Follow Up Flag: Follow up
Flag Status: Completed

Dear Jessica Du Toit,

I refer to our initial response: The Melkbosstrand Ratepayers Association has no objection to the Proposed Transient Interim Storage Facility for the storage of used nuclear fuel at Koeberg Nuclear Power Station. Our members regularly attend the Koeberg Public Safety Information Forum where these issues are discussed. I have also read the scoping report at the Koeberg Public Library.

Thank you for keeping us on your list of interested parties.

Best regards

Smokie La Grange

Chairperson - Melkbosstrand Ratepayers Association

Email: duvall@mweb.co.za

Cell: 073 357 6359

On 07 Jul 2016, at 5:00 PM, Du Toit, Jessica <JeDuToit@srk.co.za> wrote:

Dear Stakeholder

NOTICE OF RELEASE OF SCOPING REPORT: PROPOSED TRANSIENT INTERIM STORAGE FACILITY FOR THE STORAGE OF USED NUCLEAR FUEL AT KOEBERG NUCLEAR POWER STATION

Eskom proposes to construct a Transient Interim Storage Facility (TISF) for the temporary storage of dry casks at the Koeberg Nuclear Power Station (KNPS) to accommodate used nuclear fuel from the reactors of the power station, thereby ensuring the continued operation of the KNPS. SRK Consulting (South Africa) (Pty) Ltd (SRK) has been appointed to undertake the Scoping and Environmental Impact Reporting (S&EIR – often referred to as the Environmental Impact Assessment [EIA]) process required in terms of the National Environmental Management Act 107 of 1998 (NEMA) and the EIA Regulations, 2014.

SRK previously requested interested parties to register as stakeholders for this EIA process, and subsequently released the Draft Scoping Report to all registered stakeholders for comment, before the formal commencement of the EIA process.

The **Scoping Report** has been amended in response to the comments received during this comment period, and the EIA process has formally commenced with the submission of the Application Form to the Department of Environmental Affairs. The Scoping Report, in which changes to the previous version are clearly indicated, is now available for public review for a period of 30 days, from **8 July until 8 August 2016**. Please find attached a copy of the Executive Summary of the Scoping Report, which also provides details of how you can participate in the EIA process.

Hard copies of the full report are available for viewing at the following venues (from **8 July 2016**):

- Koeberg Public Library, Duynfontein;
- Wesfleur Public Library, Atlantis;
- Cape Town Public Library;
- The Koeberg Visitors Centre; and

- SRK's office in Rondebosch.

An electronic version of the report can also be accessed on SRK's website: <http://www.srk.co.za/en/koeberg-tisf-eia>.

Stakeholders are invited to comment, and/or to register on the project database. Stakeholders must provide their comments together with their name, contact details (preferred method of notification, e.g. email), and an indication of any direct business, financial, personal or other interest which they have in the application, to Jessica du Toit at SRK Consulting: Tel: 021 659 3060; Fax: 021 685 7105; or email: jedutoit@srk.co.za.

A **Public Open Day** will be held at the Koeberg Visitors' Centre from 15:00 until 18:30 on Thursday, 21 July 2016 at which stakeholders can discuss the project with relevant members of the Project Team. Stakeholders are invited to attend the Open Day anytime between the above times, and are requested to **confirm their intention to attend the Open Day with the contact person below**. Proof of identity will be required for access to the KNPS site.

Jessica du Toit BSc (ConsEcol), MPhil (Env Mgmt)
Environmental Consultant

<image001.gif>

SRK Consulting (South Africa) Pty Ltd
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<478317_Koeberg TISF EIA_SR Executive Summary_July 2016.pdf>

Du Toit, Jessica

From: Alvin Cope <Alvin.Cope@westerncape.gov.za>
Sent: 12 July 2016 12:19 PM
To: Du Toit, Jessica
Subject: RE: 478317: Koeberg TISF EIA - Availability of Scoping Report for comment

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Hi Ms JdT,

1. Your e-m SRK Project No : 478317 of 7 July 2016 and accompanying Executive Summary to do with the Scoping Report for the Transient Interim Storage Facility on the Koeberg Nuclear Power Station site; Still no DEA&DP Ref No I see ?
2. The contents of this Branch' se-m to you of 6 April 2016 apply *mutatis mutandis* to this latest request for comment.

Thanx,

Regards.

A

Alvin L Cope
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REFERENCES:

16/3/3/6/4/2/1/A1/14/3085/16 (Development Management)

19/2/5/3/A1/14/WL0051/16 (Waste Management)

19/4/4/A1/14 – Koeberg Nuclear Power Station (Air Quality Management)

DATE: 2016 -08- 08

The Board of Directors

SRK Consulting

Postnet Suite #206

Private Bag X18

RONDEBOSCH

7701

For attention: Ms Jessica du Toit

Tel: (021) 659 3060

E-mail: jedutoit@srk.co.za

Dear Madam

COMMENT ON THE DRAFT SCOPING REPORT AND PLAN OF STUDY FOR ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED USED FUEL TRANSIENT INTERIM STORAGE FACILITY AT THE KOEBERG NUCLEAR POWER STATION ON CAPE FARM DUYNEFONTYN NO. 1552 (DEA REFERENCE: 14/12/16/3/3/2/947)

1. This Department's comment of 25 April 2016 on the pre-application Scoping Report and the Draft Scoping Report ("DSR") dated July 2016 that was received on 6 July 2016, refer. The following comment from various Directorates within the Department is based on the information and responses provided in the DSR and the Comments and Responses Summary ("CRS").
2. Directorate: Development Management (Region 1) – Melanese Schippers (Melanese.Schippers@westerncape.gov.za; Tel: (021) 483 8349):
 - 2.1 The CRS states that the proposed new access road at the entrance to site alternative 1 will be between 4 and 8 metres in width and will be located inside an urban area. The DSR and CRS argues that Activity 4 of Government Notice (GN) No. R. 985 of 4 December 2014 is not applicable to the proposed development since the road will be located in an urban area. However, please be advised of the following:

- 2.1.1 As per the definition of urban areas¹ in terms of the Environmental Impact Assessment ("EIA") Regulations, 2014, this Directorate regards the proposed development to be located outside an urban area. As such, Activity 4 of GN. No. R. 985 may be applicable to the proposed development should the road be developed in an area containing indigenous vegetation.
- 2.1.2 Should the abovementioned listed activity be applicable to the proposed development, it must be applied for and authorisation obtained from the competent authority prior to commencement of said listed activity.
- 2.2 This Directorate is satisfied that all other issues raised in the previous comments dated 25 April 2016 have been adequately addressed.
3. Directorate: Waste Management – Muneeb Baderoon (Muneeb.Baderoon@westerncape.gov.za; Tel: (021) 483 2965) and Directorate: Air Quality Management – Peter Harmse (Peter.Harmse@westerncape.gov.za; Tel: (021) 483 8343):
- 3.1 These Directorates are satisfied that their comments dated 25 April 2016 have been adequately addressed and responded to.
4. Directorate: Pollution and Chemicals Management – Zayed Brown (Zayed.Brown@westerncape.gov.za; Tel: (021) 483 8367):
- 4.1 This Directorate awaits the EIA Report to provide more detailed comment.
5. Directorate: Development Facilitation – Adri La Meyer (Adri.LaMeyer@westerncape.gov.za; Tel: (021) 483 2887):
- 5.1 The DSR and Plan of Study ("PoS") for EIA indicate that a Heritage Specialist Study will be undertaken during the EIA phase. In response to the Notice of Intent to Develop that was submitted, Heritage Western Cape on 16 March 2016 responded that no further action in terms of Section 38 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) is required. The rationale for conducting a Heritage Specialist Study is therefore questioned since the competent heritage resources authority indicated that no further studies/assessments are required.
- 5.2 The DSR and PoS for EIA indicate that a Geohydrology Specialist Study will be undertaken during the EIA phase. Appendix B of the DSR contains comment from the Department of Water and Sanitation dated 10 May 2016, in which they state that the proposed development does not constitute a water use and hence does not require a water use authorisation in terms of the National Water Act, 1998 (Act No. 36 of 1998). The DSR states that the construction of the transient interim storage facility ("TISF") may potentially impact on groundwater levels and quality, *"although this is unlikely as groundwater at the project site is deeper than the proposed TISF excavation depth."* It is further noted that there is no downstream use of groundwater and that the receiving environment/ downstream

¹ "urban areas" means areas situated within the urban edge (as defined or adopted by the competent authority), or in instances where no urban edge or boundary has been defined or adopted, it refers to areas situated within the edge of built-up areas.

receptor of any potential contamination would be the shore zone/sea. Considering the above, the rationale for conducting a Geohydrology Specialist Study is therefore questioned.

6. Please direct all enquiries to the officials indicated in this correspondence should you require any clarity on any of the issues/comments provided.
7. The Department reserves the right to revise initial comments and request further information based on new information received.

Yours faithfully



pp **HEAD OF DEPARTMENT**

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

Copy to: Ms Toinette van der Merwe (DEA)

E-mail: Tvandermerwe@environment.gov.za



Morné Theron
Senior Environmental Practitioner

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Ref: BA 21/1/2/2/13N

8 August 2016

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Attention: Ms Jessica du Toit

[e-mail: jedutoit@srk.co.za]
Tel: 021 659 3060
Fax: 021 685 7105

Dear Madam

CAPE FARM 1552, DUYNEFONTEIN: USED FUEL TRANSIENT INTERIM STORAGE FACILITY AT KOEBERG NUCLEAR POWER STATION: SCOPING REPORT

The abovementioned scoping report (DSR), your reference *SRK Report Number 478317/04*, dated July 2016, refers.

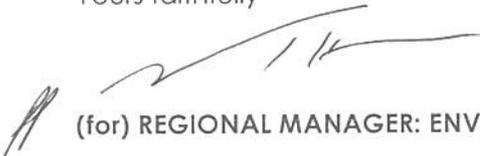
The City of Cape Town (hereafter '*the City*') comments, dated 9 November 2015 and 25 April 2016, on the BID and draft scoping report respectively have adequately been reflected and addressed in the scoping report.

1. The City of Cape Town: Air Quality Branch requested that the Environmental Management Programme (EMP) must contain details of how the storage facility will be monitored for radiation for worker- and public safety for the duration of the project.
2. The City has nothing further to add to the proposed Plan of Study for the EIA as contained in Section 7 of the scoping report.

The City now awaits the competent authority's decision on the proposed Plan of Study for the EIA.

Kindly submit the draft Environmental Impact Report (once available) to this office in the form of 1 x hard copy and 1 x CD / flash disk version.

Yours faithfully



(for) REGIONAL MANAGER: ENVIRONMENTAL & HERITAGE MANAGEMENT: Northern Region

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date 12 August 2016

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Attention: Jessica du Toit
By email: jedutoit@srk.co.za

Dear Jessica

Final Scoping Report for the Proposed Used Fuel Transient Interim Storage Facility at Koeberg Nuclear Power Station, Cape Town

CapeNature would like to thank you for the opportunity to comment on the proposed development and would like to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the proposed development.

CapeNature has taken note of the responses to our comments in the comments and response report and are satisfied that our comments have been addressed. We have noted that a clear distinction has been made between the protected area in terms of the NEM:PAA nature reserve and the protected area in terms of safety and security, which has been termed the security protected area (SPA), and that there should be no room for confusion.

In terms of the terrestrial ecology specialist report, we have noted that it has already been undertaken and we will comment in more detail on the Draft Environmental Impact Assessment Report which will contain the specialist reports.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely



Rhett Smart
For: Manager (Scientific Services)