

**PROPOSED ESKOM NUCLEAR POWER STATION
 AND ASSOCIATED INFRASTRUCTURE**
ENVIRONMENTAL IMPACT ASSESSMENT (EIA: 12/12/20/944)
COMMENTS ON
DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT
(Volume – IRR 146) 1 - 30 June 2013)

Tshwane

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Issues have been received from the following stakeholders:

No	Name	Organisation
1	Hilton Thorpe	Interested and Affected Party
2	Anna-Marie Groenewald	Interested and Affected Party
3	Paul Prinsloo	City Of Cape Town Municipality
4	Alvan Gabriel	Department of Environmental Affairs and Development Planning (Western Cape).
5	Johannes Vermaak	Interested and Affected Party
6	Rob Fryer	Interested and Affected Party
7	Rhett Smart	Cape Nature
8	Trudi Malan	Thyspunt Alliance
9	John Taylor	Melkbosstrand Ratepayers Association

No	Date	NAME & ORGANISATION	ISSUES/COMMENTS	RESPONSE
1	Wednesday, 19 June 2013 06:31 Email	Hilton Thorpe Interested and Affected Party	This progress feedback letter has been forwarded to me, as the St Francis Bay representative on the Thyspunt Alliance. I should be most grateful if DVDs/CDs of the Issues and Responses Report and of the 2nd Revision of the Draft EIR could be sent directly to me at P.O.Box 445, St Francis Bay, 6312, or delivered to 37 Shore Road, St Francis Bay, as soon as they are available.	Thank you for your comment. A copy of the Issues and response report will be made available to you once the Revised Draft EIR Version 2 has been finalised.
2	Wednesday, 19 June 2013 10:21 Email	Anna-Marie Groenewald Interested and Affected Party	<p>Nuclear Power stations are outdated, as it is extremely dangerous and earth unfriendly and disasterous if something goes wrong. Germany decided to close down all nuclear stations more than 2 years ago. South Africa is really behind the times here.</p> <p>Even though wind power is also not so bird friendly, it is on the whole so much more eco friendly with less toxic waste and also much cheaper. And we have a lot of wind here. I do not think South Africa, with its unstable peace issues, its high corruption levels, and low expertise levels, should even consider more nuclear power stations.</p> <p>If they find it hard to keep even the roads in good condition, a nuclear station just forcasts trouble. Please move with the times and forget about expensive correl beds etc and use the money to install solar heating in houses and use the ground you have to put up wind farms. I object strongly to all nuclear power stations here or anywhere else.</p>	<p>Your objection has been noted.</p> <p>The German government's decision to phase out nuclear power is noted, but it means that Germany is increasingly dependent on imported power (including nuclear generated power from France). Whilst Germany's development of renewable power has been impressive, it has limitations and cannot be relied upon to provide base load power. Wind power and solar power require backup power supplies for the time that wind and sun are not available. Both these generation technologies have capacity factors of approximately 30%, which means that they are able to produce electricity only for that percentage of time. The capacity factors of base load technologies such as coal and nuclear are typically more than 80%.</p> <p>As you have indicated, wind generation is not without impacts of its own. These include impacts on birds and bats, visual impacts, impacts of the wind turbine footprints and associated infrastructure such as substations and access roads, noise impacts and substantial traffic impacts during construction. Added to these impacts is the fact that wind turbines have a life span of only approximately 20 years, which means that the material of which they are constructed becomes waste. As indicated in Chapter 5 of the EIR, the space required for wind to generate close to the 4,000 MW planned for Nuclear-1 is approximately 270,000 to 350,000 ha. This assumes that wind turbines can be placed at equal distances across an area and does not take</p>

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				<p>account of difference in suitability of the terrain. Due to differences in terrain, vegetation and other factors, the actual area required to generate this amount of electricity will be far greater.</p> <p>Your comment regarding the installation of solar heating is noted. Eskom, supported by government, is currently busy rolling out solar water heating across South Africa. Other forms of savings in electricity demand are also being actively pursued. However, such savings have a limited capacity to reduce demand, and 40,000 MW of additional power is still required to be developed in South Africa by 2030.</p>
3	Wednesday, 19 June 2013 08:39 Email	Paul Prinsloo City of Cape Town Municipality	Is Nuclear-1 the Koeberg NPS, or a proposal on another site in SA?	Thank you for your comment. The Nuclear-1 Power station is a proposal for a new nuclear power station on one of the following three alternative sites: Duynefontein (Koeberg), Bantamsklip (near Pearly Beach) in the Western Cape and Thyspunt (near St. Francis) in the Eastern Cape.
4	Thursday, 20 June 2013 11:32 Email	Alvan Gabriel Department of Environmental Affairs and Development Planning (Western Cape).	Please be sure to send a hard copy of the upcoming EIAR for comment to the EIA components of the Department of Environmental Affairs and Development Planning (Western Cape).	Thank you for your comment. A hard copy of the Revised Draft EIR Version 2 will be submitted to DEA&DP once it has been finalised.
5	Thursday, 20 June 2013 15:24 Email	Johannes Vermaak Interested and Affected Party	Please stop the air pollution by the Eskom coal power-stations and build the nuclear power-station as soon as possible	Thank you for your input, your comment has been noted.

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6	Friday, 21 June 2013 14:06 Email	Rob Fryer Interested and affected Party	<p>The Overstrand Conservation Foundation, now trading as Whale Coast Conservation, has been a registered interested and affected party since the early stages of the Nuclear-1 EIA process. Please check your I&AP list to ensure that the correct contact details are reflected on your register ... we did not receive the I&AP e-mail directly from you and only became aware of it because it was forwarded to us from another party.</p> <p>I would also like to have feedback on what is happening with the transmission line EIA associated with the proposed Bantamsklip site. There has been no communication about its status for 2 years or more?</p> <p>Please amend my contact details to the following:</p> <p>Overstrand Conservation Foundation (Trading as Whale Coast Conservation) Represented by Rob Fryer e-mail: rob.fryer@ocf.org.za Telephone: 028 316 2527 cell: 072 185 5726 Postal address: PO Box 1949, Hermanus, 7200 Physical address: Green House, Farm Hoek van die Berg No.572/3, Vermont, Hermanus 7201</p>	<p>Thank for your comment, your details on the I&AP database for the Nuclear-1 power station EIA have been amended as requested.</p> <p>Please be advised that the transmission line EIA for Bantamsklip only proceeded up to the scoping phase. Eskom Transmission has not progressed further with the EIA process for the transmission lines. Please refer to Chapter 5 of the RDEIR Version 2 for further information.</p>
	<p><i>Second E-mail:</i> Friday, 28 June 2013 08:22 Email</p>			
7	Friday, 21 June 2013 14:00 Email	Rhett Smart CapeNature	<p>Please can you ensure that hard copies of the reports are provided to CapeNature when they become available for review. We assume that the latest updated issues and response report will be contained within the report.</p>	<p>Thank you for your comment. The Revised Draft EIR Version 2 will be made available to CapeNature once it has been finalised.</p>

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8	Monday, 24 June 2013 10:28 E-mail	Trudi Malan Thyspunt Alliance	<p>I am a registered I&AP for the Nuclear 1 project but I have to date not received any of the notifications forwarded to I&AP's. To ensure that I receive all future correspondence I have included the correct details. Please be so kind as to verify that I am registered and that you have received this e-mail with my most current details.</p> <p>Trudi Malan</p> <p>Details:</p> <p>PO Box 102 St Francis Bay 6312</p> <p>E-mail: trudi@amaziko.co.za (my previous address dolphin@intekom.co.za is still active, but I would prefer if you can use the provided address as my preferred address).</p>	Your comment has been noted. Your preferred e-mail address has been updated as requested. Thank you for your participation to date.
9	Sunday, 30 June 2013 08:28 E-mail	John Taylor Melkbosstrand Ratepayers Association	<p>Please confirm that Melkbosstrand Ratepayers Association is registered as an I&AP.</p> <p>Please note our new address for post is: P O Box 235 Melkbosstrand 7437</p> <p>All correspondence to also be emailed to: The Chairperson c/o john@melkbosstrand.net</p>	Your comment has been noted. The Melkbosstrand Ratepayers Association is registered as an I&AP. The contact details have been updated accordingly on the I&AP database for the Nuclear-1 power station EIA.

Yours faithfully

A handwritten signature in black ink, appearing to be a stylized 'G' followed by a flourish.

for GIBB (Pty) Ltd
Nuclear-1 EIA Manager