

**PROPOSED ESKOM NUCLEAR POWER STATION  
AND ASSOCIATED INFRASTRUCTURE**  
**ENVIRONMENTAL IMPACT ASSESSMENT (EIA: 12/12/20/944)**  
**COMMENTS ON**  
**DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT**  
**(Volume – IRR142 1 – 30 October 2012)**

**Cape Town**

14 Kloof Street  
Cape Town 8001  
PO Box 3965  
Cape Town 8000

Tel: +27 21 469 9100  
Fax: +27 21 424 5571  
Web: www.gibb.co.za

**Issues have been received from the following stakeholders:**

| No | Name            | Organisation   |
|----|-----------------|--|
| 1  | Sharon Kayster  | Western Cape Provincial Parliament                               |
| 2  | David Lipschitz | My Power Station: An ESX Energy Saving Experts Consortium member |
|    |                 |  |
|    |                 |  |
|    |                 |  |
|    |                 |  |
|    |                 |  |
|    |                 |  |
|    |                 |  |

| No | Date  | NAME & ORGANISATION  | ISSUES/COMMENTS   | RESPONSE  |
|----|---|--|---|---|
| 1  | Wednesday, 3 October 2012<br><br>01:15<br><br>Email | Sharon Kayster<br>PA to GCR Haskin<br>ACDP MPP/<br>SCOPA Chairperson<br>Western Cape<br>Provincial<br>Parliament | <p>I write to you on behalf of Grant Haskin MPP, ACDP, who acknowledge your letter dated 13 June 2012, with regards to the above mentioned topic and wish to extend a thank you for briefing us accordingly.</p> <p>Kindly supply us with a copy of the Issues and Response Report and if/when available the Draft EIR Version 2.</p> <p>Thank you kindly and we look forward to your response.</p> | <p>Your e-mail correspondence dated 21 June 2013 refers. Thank you for your comments. A copy of the issues and response report will be made available to all interested and affected parties via the project websites once the Revised Draft EIR Version 2 is made available for comment.</p>   |
| 2  | Tuesday, 22 November 2012<br><br>02:56<br>E-mail    | David Lipschitz<br>My Power Station:<br>An ESX Energy<br>Saving Experts<br>Consortium member                     | <p>What do you think of Peter's comment? How come you didn't ask for my presentation?</p> <p>If Renewable Energy will be cheaper than coal and nuclear within the next 5 years, then what is the point of building new nuclear power stations?</p>  | <p>Your comments are noted.</p> <p>Unfortunately your email does not sufficiently identify the person named only by his first name of "Peter". We are therefore unable to respond to your question about his comment. Furthermore, it is unclear what presentation you refer to.</p> <p>It is not contested that renewable electricity generation has an increasingly important role to play in South Africa. However, a decision on the proportions that different power generation technologies contribute to South Africa's supply is outside the scope of the Nuclear-1 EIA.</p> <p>As indicated in Chapter 5, in order for Eskom to achieve its objective of providing reliable power to all sectors of South African society, it requires reliable sources of power generation that will supply a consistent base load that can be efficiently integrated into the existing South African power network. Only certain electricity generation technologies are presently commercially available, although not necessarily financially viable in South Africa, based largely on the availability of resources (fuel) and geographical constraints.</p> <p>The then DEAT's approval of the Final Scoping Report and the Plan of Study for EIA for the Nuclear-1 EIA accepted that different power generation technologies such as renewables do not need to be</p> |

| No | Date | NAME & ORGANISATION | ISSUES/COMMENTS | RESPONSE   |
|----|------|---------------------|-----------------|--|
|    |      |                     |                 | <p>investigated in the EIA phase of the Nuclear-1 EIA. It needs to be emphasised that nuclear power is not being pursued as an alternative to any form of renewable power generation or to the exclusion of any other power generation technology. All forms of power generation have an appropriate role in the mix of generation alternatives. No technological alternative for power generation can be assumed to be ideal for all purposes in all circumstances, and their application is dependent on their characteristics. The relative contributions of different generation technologies have been determined by the Integrated Resource Plan (IRP) 2010, based on the needs of the South African energy market.</p> <p>Comparisons of the Levelised Cost of Electricity (LCOE) in the IRP 2010 and two recent studies from the United States and the United Kingdom, cited in Chapter 5 of the Revised Draft EIR Version 2, indicates that the costs of nuclear power is comparable to other forms of power generation. Whilst the cost of renewable energy may be assumed to reduce over time, South Africa will continue to require reliable base load dispatchable electricity generation, as a number of different generation types, serving different purposes, are required.</p> |

Yours faithfully



for GIBB (Pty) Ltd  
 The Nuclear-1 EIA Team