

05 August 2015

Our Ref: J27035  
Your Ref: Hard copy received 05 August 2011  
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Dear Mr Bonzet

**RE: ESKOM EIA CONCERNS FOR THE PROPOSED NUCLEAR POWER STATION AND ASSOCIATED INFRASTRUCTURE (DEA Ref. No: 12/12/20/944)**

Your letter under reference J27035, dated 9 June 2011, refers.

**Comment 1:**

From an Environmental Health point of view the following comment are given should any one of the two proposed alternative sites situated in the Western Cape (Bantamsklip and Duynefontein) be chosen as the preferred site:

**Response 1:**

Your comment is noted.

**Comment 2:**

No ground or surface water sources shall be polluted during either the construction or operational phases of the nuclear power station.

**Response 2:**

Your comment is noted. Mitigation measures to prevent the pollution of groundwater and surface water resources are contained in several specialist studies, including the Hydrological and Geo-hydrological Assessments (respectively Appendices E6 and E7 of the Revised Draft EIR).

**Comment 3:**

A sufficient supply of water that complies with the SABS standard for household water (SANS 241) shall be constantly available to personnel working on the site.

**Response 3:**

Your comment is noted. Potable water will be supplied from a desalination plant at all of the alternative sites. The quality of the water will comply with relevant legal requirements.

**Comment 4:**

All sewage generated at the site must be disposed of in such a way that no pollution of water sources (ground or surface) or any health hazard occurs. The preferred disposal system must further comply with the requirements of the Environmental Health Departments of the applicable Municipal Health Services Authorities (City of Cape Town and Overberg District Municipality).

**Response 4:**

Your comment is noted. Sewage treatment and disposal methods will comply with all relevant legal requirements.

**Comment 5:**

Solid waste, excluding radio active waste, generated at the site must be stored and transported to a registered and licensed disposal site in such a way that no nuisance or health hazard occurs.

**Response 5:**

Your comment is noted. Waste storage and disposal methods will comply with all relevant legal requirements. The development of Nuclear-1 is also subject to the issuing of a Waste Management License in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008). Specific conditions of waste management may be imposed in terms of a license issued under this Act.

**Comment 6:**

All recommendations for mitigation contained in the EIR, the Environmental Management Plan and in the specialist studies must be strictly implemented and adhered to.

**Response 6:**

Your comment is noted. Implementation of the conditions of authorisation (assuming that authorisation is granted) will be subject to monitoring by an independent Environmental Control Officer and a proposed Environmental Management Committee.

**Comment 7:**

Over and above the aforementioned no activity shall be carried out which constitutes or are likely to constitute a health hazard or nuisance.

**Response 7:**

Your comment is noted.

**Comment 8:**

Further to the comment given all requirements of the Environmental Health Departments of the applicable Municipal Health Services Authorities (City of Cape Town and Overberg District Municipality) must be adhered to.

**Response 8:**

Your comment is noted. Eskom is committed to adherence with national as well as provincial and local legislations.

Yours faithfully  
for GIBB (Pty) Ltd

A handwritten signature in black ink, consisting of a series of loops and curves, positioned above a horizontal line.

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The Nuclear-1 EIA Team