

## Nicolene Venter

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**From:** Bruce Munnings [brucem@afriacoast.com]  
**Sent:** 24 June 2010 10:42  
**To:** Nicolene Venter  
**Subject:** FW: Updated Information - Thyspunt Transmission Power Lines Integration Project  
**Attachments:** Cooling\_Power\_Plants.pdf



Client Solutions-Passion Innovation Excellence

Hello Nicolene

I have found an article, attached, published by the World Nuclear Association, April 2010, on cooling power plants. The conclusion is that it is best to cool power plants with cold sea water. Would it not therefore be better for Eskom to focus the construction of nuclear power plants on the west coast which has colder sea water?

Yours sincerely

Bruce Munnings  
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**From:** Bruce Munnings [mailto:brucem@afriacoast.com]  
**Sent:** 22 June 2010 08:43 AM  
**To:** 'Nicolene Venter'  
**Subject:** RE: Updated Information - Thyspunt Transmission Power Lines Integration Project

Hello Nicolene

I have a couple of questions and comments regarding the transmission lines associated with the selected nuclear site at Thyspunt.

I think that nuclear energy is an excellent clean energy solution if implemented wisely. I have been reading about the current nuclear options being considered around the world and have some reservations about some and less about others.

The transmission lines from Thyspunt to Grassridge will have a very large negative visual impact.

What other solutions are currently available that may not be ideal solutions but are better solutions?

I have noticed that a number of nuclear power stations around the world are not located at the coast but are located next to a lake or dam. Has Eskom considered this, possibly near Van der Kloof Dam. This is not far from their large substation at De Aar.

Are the alternative nuclear sites on the west coast, which is considerably less populated and more barren, not more suitable and will have a lower impact?

Has the cost of underground cables, even though considerably more expensive, been seriously considered?

Yours sincerely

Bruce Munnings

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**From:** Nicolene Venter [mailto:NicoleneV@sivest.co.za]

**Sent:** 21 June 2010 03:14 PM

**To:** Nicolene Venter

**Subject:** EIA: Updated Information - Thyspunt Transmission Power Lines Integration Project

**Importance:** High

Dear Interested and/or Affected Party

It has been some time since we've communicated with you regarding the proposed Thyspunt Transmission Lines Integration Project (TTLIP).

We would like to take this opportunity to inform you that Eskom advised SiVEST that they (Eskom Transmission) are currently evaluating various technical and strategic issues regarding the TTLIP and that the project is on course and will proceed as planned.

As soon as SiVEST receives notification from Eskom Transmission to proceed with the EIA, we will inform you accordingly.

Kind regards

NICOLENE VENTER

Snr Public Participation Practitioner

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