

From: [REDACTED]
To: [SizewellC](#)
Subject: Sizewell C proposals
Date: 20 June 2021 15:50:12

Dear Sir/Madam

I write to make formal objection to the proposal to continue with work on the construction of Sizewell C nuclear power station.

I am a professional geographer, not living in the area, but my sister lives in Wangford.

1. This is one of the most rapidly eroding stretches of coast in the UK. Tertiary cliff deposits are mostly unconsolidated, permeable and unstable

Rapid cliff retreat is well-documented e.g. destruction of all WW2 defences since 1945.

No model can predict how this will develop over station life and decommissioning.

2. Climate change can't be modelled because there are too many interacting variables.

In any case it is extreme storm events that lead to cliff collapse or undercutting.

These storm events are predicted to increase, but no one knows by how much.

Penetration of storm water and resultant subsidence are also factors.

3. The presentation places undue reliance on an offshore stone ridge reducing wave intensity.

Increasing storm intensity makes that prediction unreliable

4. Transporting beach material to protect the site risks interruption to the long shore drift that is vital for coastal protection

Settlements "Downstream" of the site may well launch legal challenge if their beach protection by long shore drift is reduced.

5. The habitat and biodiversity loss are outside my area of knowledge. But one post put it very well. It wrote "The site operators seem to believe

that alternative and remedial alternatives can be created. They are clearly completely ignorant of the national/international importance of this wetland site.

It is like saying that we need to pull down St Paul's Cathedral for our development, but you can have a new build in Docklands"

6. The risk of terrorist aircraft strike is virtually impossible to prevent. I have seen the film of Hinkley Point. Despite the presentation of a "crash proof shell" no figures were produced to tell us what protection is afforded

Close your eyes and think 9/11

Christopher Joseph

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