

Dear Sizewell Case Team,

Security from hazard - (Sizewell C particular):

The location of Sizewell C is not secure from hazard. It represents a severe flood and coastal erosion risk.

The rise in median sea levels will cause unknowable erosion patterns and will compromise the supposed micro-stability of the proposed plant site.

This micro-stability is predicated upon the Thorpeness coralline ridge - a structure that is certain to significantly and unknowably alter.

It is not disputed that Sizewell C and B will become at least islands on their proposed 6m plinths above current beach level - this is not security from hazard.

The site is not suitable for the deployment of new nuclear. That it has an 'interested developer' is insufficient cause.

Security from hazard (general):

No new nuclear should be constructed until a Deep Geological Repository is commissioned.

The current plan to store the entire fuel usage for the life of new plants onsite is not acceptable security from hazard.

Conclusion:

EDF should be offered one of the more stable sites as an alternative to Sizewell C - Wylfa, Moorside (Sellafield), Oldbury, Hartlepool, Heysham.

The Deep Geological Repository needs urgent and committed action.

Regards

Nick Scarr

Dear Sarah Richards,

EDF and BEIS intends to apply for a DCO to build Sizewell C nuclear power station on the beach half a mile from Dunwich.

Dunwich town has already been lost to coastal erosion, as has Slaughden 7 miles down the coast. This was without the added complication of rising median sea levels.

Sizewell C will flood- only the severity of the flood(s) is in question. This is made more disturbing by the fact that as we have not commissioned a Deep Geological Repository all high grade waste for Sizewell will be stored on site.

(Sizewell B generates about 25 tons of waste fuel rods a year (nearly 1000 tons of fuel rod waste in the plant's lifetime), Sizewell C must be more than double this).

I think the Planning Inspectorate should also carefully look at liability-who is responsible when Sizewell C floods or suffers any other catastrophe? it appears that, disgracefully, EDF is inured from this responsibility partly because they know well that nuclear never has and cannot exist within a private market setting. The massive income of £92.50 per MWh goes to the private sector (nearly double offshore wind at current bids) and the liability rests with the UK public.

It is axiomatic to state:

No nuclear infrastructure should be built on the beach or at or near sea level anywhere in the UK in the face of known medial sea level rises;

***no new nuclear infrastructure should be built until the
Deep Geological Repository is commissioned.***