

Dear Examining Authority Panel

**Application by NNB Generation Company (SZC) Limited for an Order Granting Development Consent for The Sizewell C Project – Deadline 8 submission**

**Unique Reference: 20026146**

**Water Supply to Sizewell C**

We're astonished to learn that SZC has failed to come up with a viable solution to water supply during construction of Sizewell C. It also appears the water authority is not confident it can supply potable water during the operation of Sizewell C either. How can such a critical aspect of the proposals to build the nuclear reactors not have been established this late in the examination by the Planning Inspectorate?

We are totally opposed to SZC's suggestion that they build a 'temporary' desalination plant to supply water during construction. It is ridiculous this proposal has been made so late – water supply ought to have been part of the original application for a DCO. SZC seem incapable of **planning** construction of the reactors which makes their proposal to construct the reactors and then to operate them seem positively dangerous.

Our response to EDF's consultation details our reaction to their proposal for a desalination plant and follows below forming part of our Deadline 8 submission.

Yours faithfully

Louise & Derek Chadwick

27 August 2021

Email letter to EDF – Sizewell C & D [info@sizewellc.co.uk](mailto:info@sizewellc.co.uk)

Dear Sirs

### Response to Sizewell C Construction Water Supply Consultation

EDF is absolutely astonishing. The proposal to construct a desalination plant to 'temporarily' supply water whilst Sizewell C is built is farcical. How has it taken the company over ten years to finally realise that potable water cannot be supplied to the site by other means during construction despite being told that was likely to be the case over ten years ago?

Does EDF not realise it's 'planning' to build a nuclear power station in one of the driest parts of the country? Your 'planning' is an absolute shambles. To allow EDF to build a nuclear power station seems an extremely dangerous idea if you're not even able to plan how to build it properly. We're sure the Planning Inspectorate will agree. You've already had to make changes mostly relating to envisaged traffic and HGV problems, those too pointed out to you on numerous occasions by numerous Interested Parties. Now you're trying a last ditch attempt to get around the water problem. What else will you suddenly realise is an insurmountable problem before the Planning Inspectorate has finished its examination?

We're two thirds of the way through the Planning Inspectorate's examination of your application for a DCO for Sizewell C and only now do you deem it sensible look at a way of getting water to the site when the lack of it has been pointed out to you by many on many occasions.

In January of this year, 2021, EDF discounted the use of a desalination plant in document [AS-202](#) Water Supply Strategy Update submitted to the Planning Inspectorate. What has changed in less than eight months?



SIZEWELL C PROJECT – SITE WATER SUPPLY STRATEGY

NOT PROTECTIVELY MARKED

Option	Conclusion
<b>Desalination</b>  <i>Installing modular desalination plant on the main development site and abstracting seawater for treatment</i>	<b>Discounted.</b> <ul style="list-style-type: none"><li>This option has been discounted in favour of alternative options, due to concerns with power consumption, sustainability, cost, and wastewater discharge. The desalination process is typically energy intensive, and the discharge of brine water as a result of desalination may not be suitable for discharge through the combined drainage outfall (CDO).</li></ul>

As EDF stated in January a desalination plant will be energy intensive, is unsustainable, will cost an unspecified but obviously large amount of money, and the discharge of brine water after desalination may be unsuitable and may well have an effect on marine life. Is none of this now the case? How can EDF possibly justify the damage it will do to the environment and added cost to the project?

The use of diesel generators before power is available at the site will produce significant emissions harming the atmosphere and our health.

It'll take months to build the 'temporary' desalination plant during which time you'll have to truck in potable water, adding to the number of HGVs on the unimproved roads in this part of east Suffolk while you build your relief road. The roads here are extremely busy, particularly

now as so many people are taking staycations in this beautiful, unspoiled countryside. It shouldn't be a major problem though when you start construction as you'll scare them all away, wrecking our wonderful, tranquil environment and our much improved tourist industry.

Your three week consultation period is itself a farce with many people away on holiday themselves. You don't even give us as realistic amount of time to look at and comment on your proposals – or perhaps even see them in the cases of some stakeholders. You're intending to present your proposals to the Planning Inspectorate by 27 August – before this consultation actually ends. You're treating us, those you're consulting, as cavalierly as you have in other consultations and seem to be treating this whole project.

You can't afford to build this nuclear power station, this proposal adding to the cost. You know you're in vastly in debt. You don't know where the money will come from. If you think those of us who chose to use green, environmentally friendly electricity will contribute towards it we're sure there will be huge opposition to such a move.

As we've said before, this type of nuclear power isn't green and isn't sustainable. The design of this EPR is unsuitable because it doesn't work, with the one operating reactor in China having been closed down due to problems. It's time EDF faced reality and admitted that it cannot build this power station. It doesn't have the expertise to plan it properly leave alone be trusted to build something that can provide any sort of solution to the planet's energy problems.

Yours faithfully

Louise & Derek Chadwick

cc:

- The Planning Inspectorate
- Dr Therese Coffey, MP
- Matthew Hicks, Leader Suffolk County Council
- Suffolk County Councillor: Andrew Reid
- Cllr Craig Rivett, Sizewell C Lead, East Suffolk District Council
- East Suffolk District Councillors: Tony Cooper  
Tom Daly  
Russ Rainger
- TEAGS – Theberton & Eastbridge Action Group on Sizewell