

From: [REDACTED]
To: [SizewellC](#)
Subject: FW: Deadline 8 response
Date: 24 September 2021 00:00:05

Dear Sirs

Please see below as my submission regarding Deadline 8.

Yours sincerely

Mary George

[REDACTED]

Sent: 27 August 2021 21:09

To: info@sizewellc.co.uk

[REDACTED]

Subject: Response to Sizewell C Consultation on Temporary Desalination Plant – August 2021

Dear Sir/Madam

Response to Sizewell C Consultation on Temporary Desalination Plant – August 2021

It seems completely incredible that at this late stage in the planning process EDF has not resolved the problem of securing the supply of potable water to the site. This is one of the driest areas of the country and other parties have raised concerns about water supply for many years. Now, well into the DCO examination process, EDF is forced to announce another change to its plans and another hasty consultation.

The Blyth Water Resource Zone clearly would not have the supply to meet EDF's water requirements. The proposed Essex and Suffolk Water 28km replacement/new high pressure water mains to deliver the required supply of potable water to the Sizewell C site is a significant project that is required to construct Sizewell C and therefore should properly have been included in the DCO process where its impact and appropriateness could have been considered as part of the Sizewell C application.

The fact that the statutory undertaker has had to submit a holding objection "to ensure that the demand placed on its network by the construction and operation of Sizewell C does not prejudice its ability to supply its existing customers, or its ability to comply with the environmental licences under which it is required to operate", is further evidence of EDF's lack of proper planning and preparation.

As a result EDF is now proposing to fall back on a proposed temporary desalination plant, an option that EDF itself previously rejected "*due to concerns with **power consumption, sustainability, cost, and wastewater discharge***" (document AS-202 Water Supply Strategy Update).

During the initial period of 4 to 8 months until the desalination plant has been constructed water would need to be delivered to the site by tanker, adding additional

HGV movements to the road network when there are already huge concerns about the impact of construction traffic and HGV movements.

The desalination plant would require the continuous use of diesel generators 24/7 until onsite power becomes available and it may be required to operate for 4 years or possibly even longer. This will result in air pollution with a potential harmful effect on public health and the environment.

Water discharged from the plant will be 1.6 times more concentrated than natural sea water and this discharge is likely to have negative impacts on marine life. There is also the potential for contamination of ground water by spillages of chemicals required for the desalination plant or concentrated brine.

The failure to have secured such a fundamental requirement at this late stage in the planning process, and the stop-gap temporary measures proposed, undermine the capability and credibility of EDF as a responsible applicant and provide further evidence to demonstrate that the Sizewell C application is ill-prepared and not viable.

Yours sincerely

Mary George

