

EQIA Submission – ID Number

Section A

EQIA Title

FED Nuclear compliance 2024

Responsible Officer

Roshana Iruthayaraj - DCED INF

Approved by (Note: approval of this EqIA must be completed within the EqIA App)

Andy Jeffery - DCED INF

Type of Activity

Service Change

No

Service Redesign

No

Project/Programme

No

Commissioning/Procurement

No

Strategy/Policy

Strategy/Policy

Details of other Service Activity

No

Accountability and Responsibility

Directorate

Strategic and Corporate Services

Responsible Service

Resilience and Emergency Planning

Responsible Head of Service

Andy Jeffery - DCED INF

Responsible Director

Rebecca Spore - DCED INF

Aims and Objectives

Kent County Council (KCC) is responsible for Offsite Emergency Planning for the Dungeness B Nuclear Power Station, including the responsibility for determining a Detailed Emergency Planning Zone (DEPZ) around the power station. This is based on the operator's recommendation (EDF). The zone identifies an area where urgent protective actions may be needed in the event of a radiation emergency. Due to defueling operations at the power station (as part of the decommissioning process), EDF are now recommending a reduction in the size of the DEPZ.

For evacuation, EDF have assessed that a distance of less than 200m from the centre of Dungeness B's reactor building is sufficient. This distance does not extend off-site onto public access land, and therefore evacuation is not recommended as an urgent protective action in the DEPZ. However, some residents and visitors to the area may choose to evacuate, and therefore arrangements will need to be made to shelter those people, should the need arise.

For sheltering, EDF have assessed that a distance of up to 300m from the centre of Dungeness B's reactor building is sufficient. Even allowing for a release arising from elsewhere in the reactor building (rather than its centre), a distance of 300m would only affect areas close to the Dungeness site fence, notably the public beach to the south of the site. The closest dwellings (the Royal Naval Shore Signal Stations (RNSSS)

cottages) are 300m from the northeast corner of the Dungeness B fence, or around 500m from the centre of the reactor building.

In defining the new DEPZ boundary, KCC have used geographic features such as roads and footpaths, an approach which complies with the Radiation Emergency Preparedness and Public Information Regulations (REPPiR) 19 regulations. The size of the current DEPZ is 13.62km² which was previously agreed by cabinet. The reduction of the size of the DEPZ from 13.62km² to 7.88km², will still allow KCC to consider protective actions to the wider public who live in, or who are visiting Dungeness.

Background:

The REPPiR places a duty upon upper tier local authorities to 'make, maintain and test' offsite emergency plans for nuclear installations at least every 3 years, and describe measures to inform the public in relation to the health protection countermeasures to be taken, in the event of a radiation emergency.

Revised and updated REPPiR regulations were published in May 2019 and a raft of other detailed regulatory changes in relation to offsite planning. This required KCC to comprehensively review and update the offsite emergency plan for Dungeness B Nuclear Power Station.

Regulation 7 of REPPiR 19 requires site operators to provide the Local Authority with a Consequence Report. This sets out the minimum geographical extent from the premises that should be covered by the Local Authority's off-site emergency plan for the site.

How the proposed decision supports the Framing Kent's Future - Our Council Strategy 2022-2026
The decision concerns the provision of infrastructure for the community in the event of an emergency and forms part of KCC's role in making Kent's communities safe.

The decision results from a review of an existing Dungeness B Offsite Emergency Plan will support local residents and provide multi-agency responders with the current risk around the Dungeness B Nuclear Power Station.

Equalities implications:

whilst completing the Equality Impact Assessment (EqIA) it is not felt that this decision presents any impact on any of the nine areas specified by KCC.

Section B – Evidence

Do you have data related to the protected groups of the people impacted by this activity?

Yes

It is possible to get the data in a timely and cost effective way?

Yes

Is there national evidence/data that you can use?

Yes

Have you consulted with stakeholders?

Yes

Who have you involved, consulted and engaged with?

EDF
Residents
Tony Hills - councillor for Romney Marsh

Clair Bell, KCC Cabinet Member for Community and Regulatory Services
Has there been a previous Equality Analysis (EQIA) in the last 3 years?
No
Do you have evidence that can help you understand the potential impact of your activity?
Yes
Section C – Impact
Who may be impacted by the activity?
Service Users/clients Service users/clients
Staff Staff/Volunteers
Residents/Communities/Citizens Residents/communities/citizens
Are there any positive impacts for all or any of the protected groups as a result of the activity that you are doing?
No
Details of Positive Impacts
Not Applicable
Negative impacts and Mitigating Actions
19. Negative Impacts and Mitigating actions for Age
Are there negative impacts for age?
No
Details of negative impacts for Age
Not Applicable
Mitigating Actions for Age
Not Applicable
Responsible Officer for Mitigating Actions – Age
Not Applicable
20. Negative impacts and Mitigating actions for Disability
Are there negative impacts for Disability?
No
Details of Negative Impacts for Disability
Not Applicable
Mitigating actions for Disability
Not Applicable
Responsible Officer for Disability
Not Applicable
21. Negative Impacts and Mitigating actions for Sex
Are there negative impacts for Sex
No
Details of negative impacts for Sex
Not Applicable
Mitigating actions for Sex
Not Applicable
Responsible Officer for Sex
Not Applicable
22. Negative Impacts and Mitigating actions for Gender identity/transgender
Are there negative impacts for Gender identity/transgender
No

Negative impacts for Gender identity/transgender
Not Applicable
Mitigating actions for Gender identity/transgender
Not Applicable
Responsible Officer for mitigating actions for Gender identity/transgender
Not Applicable
23. Negative impacts and Mitigating actions for Race
Are there negative impacts for Race
No
Negative impacts for Race
Not Applicable
Mitigating actions for Race
Not Applicable
Responsible Officer for mitigating actions for Race
Not Applicable
24. Negative impacts and Mitigating actions for Religion and belief
Are there negative impacts for Religion and belief
No
Negative impacts for Religion and belief
Not Applicable
Mitigating actions for Religion and belief
Not Applicable
Responsible Officer for mitigating actions for Religion and Belief
Not Applicable
25. Negative impacts and Mitigating actions for Sexual Orientation
Are there negative impacts for Sexual Orientation
No
Negative impacts for Sexual Orientation
Not Applicable
Mitigating actions for Sexual Orientation
Not Applicable
Responsible Officer for mitigating actions for Sexual Orientation
Not Applicable
26. Negative impacts and Mitigating actions for Pregnancy and Maternity
Are there negative impacts for Pregnancy and Maternity
No
Negative impacts for Pregnancy and Maternity
Not Applicable
Mitigating actions for Pregnancy and Maternity
Not Applicable
Responsible Officer for mitigating actions for Pregnancy and Maternity
Not Applicable
27. Negative impacts and Mitigating actions for Marriage and Civil Partnerships
Are there negative impacts for Marriage and Civil Partnerships
No
Negative impacts for Marriage and Civil Partnerships
Not Applicable
Mitigating actions for Marriage and Civil Partnerships
Not Applicable
Responsible Officer for Marriage and Civil Partnerships

Not Applicable

28. Negative impacts and Mitigating actions for Carer's responsibilities

Are there negative impacts for Carer's responsibilities

No

Negative impacts for Carer's responsibilities

Not Applicable

Mitigating actions for Carer's responsibilities

Not Applicable

Responsible Officer for Carer's responsibilities

Not Applicable