

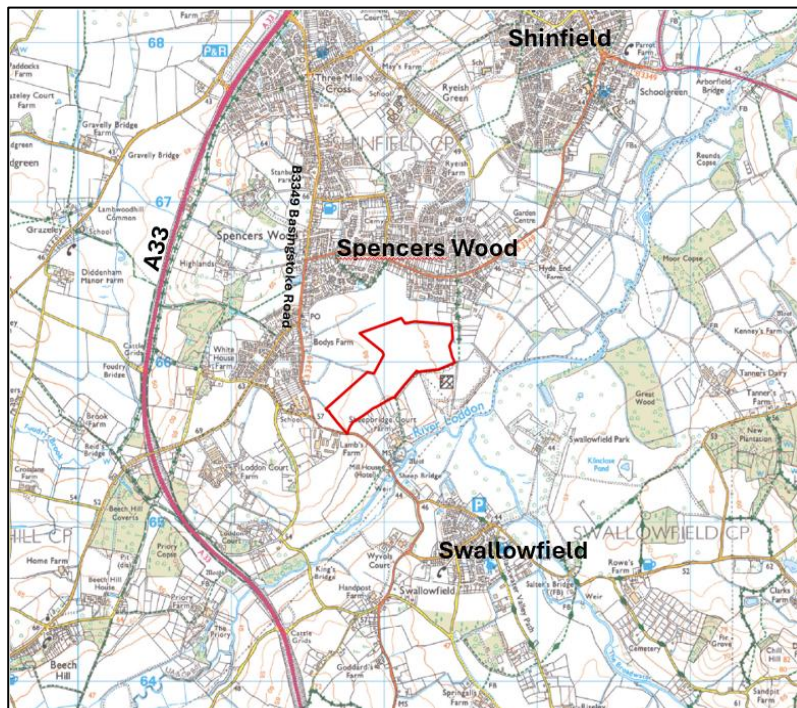
Spencers Wood Solar Farm
Planning permission: 232653
Planning Condition: 7



Construction Phase Emergency Plan

Spencer Wood Solar Farm,
Land North Of Sheepbridge Court Farm,
Basingstoke Road, Swallowfield, RG7 1PT

Planning permission: 232653
Planning Condition: 7



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DOCUMENT INFORMATION & CONTROL

INFORMATION

GTPUK/Our Project Reference	2021-0085_Spencers Wood Solar Farm
Local Planning Authority:	Wokingham Council
Local Planning Authority Reference:	232653
Planning Condition:	7

CONTROL

Date	Version	Author	Reviewer	Approver
14/09/ 2025	1	JJ	JJ	JJ

Glossary

CEMP	Construction Environmental Management Plan
CTMP	Construction Traffic Management Plan
CPEP	Construction Phase Emergency Plan

1. INTRODUCTION

- 1.1 Spencers Wood Solar Farm has been identified as being located in an emergency planning zone that could be affected by a nuclear radiation event at AWE Burghfield and where operatives may be advised to take shelter for up to 72 hours during a radioactive event while emergency actions are undertaken. The risk of such an event is very low, however the impact could be very high. It is important to ensure that all operatives that attend the site are made aware of the nature of the risk and the emergency procedures in place during a radiation risk event. The site office is required to be maintained to a suitable standard to act as a refuge in the event of a radiation emergency and sufficient stockpiles are required to be in place to ensure that all operatives on the site can be safely housed in the site office for a minimum 72 hour period.
- 1.2 A specific requirement is for construction workers to be able to take shelter in the unlikely event of a radiation emergency. The Health and safety publication 'The Radiation (Emergency Preparedness and Public Information) Regulations: Approved Code of Practice and Guidance' provides guidance on responses to nuclear emergencies. The Emergency Planning Unit at Wokingham Borough Council currently stipulates a 72 hour safe period.

2. SCOPE OF THIS CONSTRUCTION PHASE EMERGENCY PLAN

- 2.1 This Construction Phase Emergency Plan (CPEP) has been prepared to address the safety needs of on-site construction staff and visitors to the site in the event of a radiation emergency at Spencers Wood Solar Farm, Land North Of Sheepbridge Court Farm, Basingstoke Road, Swallowfield, RG7 1PT, including:
- | | |
|---------------------------------------|--|
| ◆ Method of and Frequency of Review | ◆ Emergency Refuge and Supplies for 72 hour period |
| ◆ Site Induction | ◆ Means of Evacuation and Recovery |
| ◆ Triggers for Activation of the Plan | ◆ Contact Information |
- 2.2 The principal contractor, health and safety manager site manager are to review this CPEP prior to construction start to ensure that the most up to date health and safety guidance and the plan requirements are implemented. Copies of this plan must be attached to the staff notice board and kept in the site office and provided to all operatives to read on being inducted onto the site.

3. METHOD & FREQUENCY OF REVIEW

- 3.1 The construction phase of the project is anticipated to last 6 months. The CPEP will be reviewed 2 months prior to construction start by the health and safety manager, project manager and site manager charged with overseeing the construction of the solar farm or when new guidance is issued by the government, AWE Burghfield or the Local Authority, whichever is the sooner. Wokingham Borough Council Emergency Planning Unit is to be contacted as part of the review to ensure the review captures all new updates. Copies of this plan must be attached to the staff notice board and kept in the site office, and provided to all staff and visitors to the site prior to arrival to read prior to being inducted onto the site. Inspection (and repair and replacement where necessary) of emergency equipment and supplies and door and window seals of the site office are to be undertaken each morning by the site manager prior to allowing workers onto the site. A record is to be kept of the review and inspections, which shall be attached to this plan.



Copies of the Construction Phase Emergency Plan must be included on the notice board in the staff amenity room and kept in the site office.

4. SITE INDUCTION & ATTENDANCE MANAGEMENT

- 4.1 The Principal Contractors Health and Safety Manager will provide a training session to the Site Manager for inducting all new staff and visitors onto the site with a toolbox talk, including an inspection of the staff amenities. The toolbox talk is to take place as part of the mandatory health and safety induction for all operatives and visitors. If an operative is unclear on any of the procedures to be followed then they must ask the site manager for clarification. Operatives with dietary requirements and medical conditions must ensure that they have sufficient provisions and medication to ensure that they can adequately sustain and medicate themselves for a 72 hour period. All operatives and contractors are to provide details of next of kin, emergency contacts and other necessary details on their method statement to ensure that health and safety requirements are adhered to and emergency services can respond effectively.
- 4.2 A maximum site staff limit is to be enforced to ensure that the amount of staff facilities and emergency rations do not become overwhelmed in an emergency event. All operatives and contractors will be made aware of the limit and to ensure attendance at the site is agreed prior to arrival. The site arrivals and departures register.

5. TRIGGERS FOR ACTIVATING THE PLAN

- 5.1 Notification of an Emergency Event will likely be received by all persons with a mobile phone from the government Emergency Alerts service. The site manager is to have the emergency portable radio tuned to a local radio channel and have the radio turned on at all times for the purposes of receiving emergency broadcasts. When an alert or broadcast is received this Plan will be activated by the site manager and notified to all operatives on site by the sounding of an air horn.

6. EMERGENCY REFUGE & SUPPLIES FOR 72 HOUR PERIOD

- 6.1 The site office and staff amenity and welfare facilities (all self-contained containerised solutions) will be brought onto the site at the first stage of the construction process after formation of the construction compound and will comprise the safe refuge for an emergency event.
- 6.2 The site office and staff amenity facilities/canteen will be sized so as to comfortably accommodate all workers that can be expected on the site at any one time. The site office and staff amenity facilities will have integrated toilet facilities to ensure the facilities can be self-contained in an emergency for a 72 hour period. The site office and staff amenity facilities will also be equipped with microwave ovens and a kitchen worktop and sink. The windows and doors of the facilities are to be checked daily by the site manager to ensure that they close correctly and the seals are in good condition.
- 6.3 A minimum of 7 days' worth of sanitary supplies is to be stored in the staff welfare facilities at all times. A 3-day stockpile of basic tinned and packaged foods to ensure balanced nutrition (canned meat and vegetables, packaged crisp bread, condiment preserves) and 15 litres of water per person (comprising large and small plastic water bottles) are to be stored in the site office and staff welfare facilities for emergency purposes only.
- 6.4 A maximum site staff limit is to be enforced to ensure that the amount of staff facilities and emergency rations do not become overwhelmed in an emergency event.
- 6.5 An emergency battery generator or group of generators with a minimum storage capacity 8000W is to be stored in the staff amenity room and kept fully charged. A package of standard batteries, torches, a tin opener, plastic cutlery and plastic bowls will also be stored. An emergency portable radio with manual frequency control will be maintained at the facility for listening to news broadcasts during an emergency event.

7. MEANS OF EVACUATION & RECOVERY

- 7.1 The Site Manager will act as the Emergency Manager throughout an emergency event. Whenever an airhorn is sounded all operatives are to cease work and proceed with haste to the site office where the site manager will undertake a roll call and provide further instructions. In the event of a radiation alert operatives may be required to lodge within the site office and site facilities for up to 72 hours to minimise potential exposure to radiation whilst emergency services respond to the event and organise evacuation from the area. The site manager will communicate with emergency services and helplines established by authorities to advise on keeping safe and healthy during the event and to arrange orderly evacuation where necessary in accordance with the guidance.

8. CONTACTS

Principal Contractor:	TBC
Project CDM Manager:	TBC
Owner Health and Safety Manager:	TBC
Landowner:	Graham Hall, Sheepbridge Court Farm, Basingstoke Road, Swallowfield, RG7 1PT

Wokingham Borough Council Emergency Planning Team/Duty Officer:

Normal hours: 0118 974 6000

Out of hours: 0800 212 111

Joint Emergency Planning Unit, West Berkshire District Council;
emergency.planning@westberks.gov.uk