

Construction Phase Emergency Plan

Construction of 3 Bedroomed House

The Haulage Yard Land adjacent to Bramble Cottage

Hyde End Road Spencer's Wood

Berkshire RG7 1BU

Upon construction beginning the approved Emergency Plan shall be implemented and maintained in accordance with the approved details for the duration of the construction.

Thereafter, the Wokingham Borough Council Emergency Planning Officer shall be notified of any changes made to the approved Emergency Plan.

The instructions within this document must be followed for your safety in the event of an incident at the AWE Burghfield site, the construction site is within the Detailed Emergency Planning Zone (DEPZ) therefore the below measures must be followed in the unlikely event of an incident at AWE Burghfield. All construction workers on site must familiarise themselves of the action to be taken if such an event occurs for their safety and that of others working on the site.

All staff and visitors to the build site must sign up to SMS AWE Emergency Text Alerts to 0786 003 0391 Text B to receive alerts regarding possible incidents at AWE Burghfield so that in the unlikely event of an incident site staff would be notified of the emergency and any actions to be taken.

Due to the build site being within the DEPZ it is advised to shelter, which reduces the inhalation and irradiation doses, any construction workers outside during an incident MUST evacuate the build site and shelter in the designated area shown on the attached plan and remain there until the all clear is given.

The evacuation is to prevent further exposure by moving the public from the affected area. Timescales for undertaking the Urgent Protective Action(Shelter) is as soon as possible and no later than 25 minutes from the start of the incident.

All construction workers or staff must remain inside the designated shelter for 48 hours with all windows and doors tightly closed until the all clear is given. This measure has been put in place for your safety.

The designated area is immediately opposite the build site at 242a Hyde End Road Spencers Wood RG7 1BU in the event of an incident at AWE Burghfield please leave the build site and move quickly and safely across Hyde End Road to the property and remain there until advised by the AWE Emergency Services Department it is safe to leave

Route to designated shelter leave the build site on foot as soon as alarm of an incident at AWE Burghfield is raised, cross Hyde End Road to opposite side and enter the property at 242a Hyde End Road Spencer's Wood, where you must remain for a minimum period of 48 hours or as directed by Emergency Services dealing with the AWE Burghfield incident.

Protective Actions to be taken while sheltering.

Prior to entering the building all staff must remove their outer clothing placing the clothing in black sacks provided and leave outside the property.

This action will remove 90% of any contamination.

A clean set of clothing and towels will be provided in the Emergency Protective Box stored in the shelter, within the box will also be bars of simple soap to use while showering this is an effective way to remove any contamination possibly on the hair or skin. Do Not Use Hair Conditioner.

A further box of non-perishable food provisions will also be available in the shelter to sustain staff while sheltering. There will be air beds and sleeping bags provided for staff to use.

There will be approximately 5 staff on site at any one time.



Appendix A

AWE Detailed Emergency Planning Zone

Existing DEPZ for AWE Burghfield site (Mar 2020 – Jan 2023)



Appendix B

Below is a list of the main types of radioactive materials used at AWE all of which pose minimal harm to the public, the advice given by AWE Burghfield Consequences Report is Urgent Protective Actions (UPA) is shelter indoors to minimise any risk of inhalation and dosage effects, this should be done within 25 minutes from the start of an incident. A designated shelter has been made available during the phase of works where there is no indoor shelter available on the build site i.e. no roof or windows on the property to afford safe shelter indoors.

AWE Burghfield Consequence Report Summary:

1. (a) Urgent Protective Actions (UPA) area for the site is a radius of 3160m.
2. (b) Outline Planning Zone (OPZ) area for the site is a radius of 12km.
3. (c) The recommended Urgent Protective Action (UPA) is shelter.

AWE Detailed Emergency Planning Zone

(d) Timescales for undertaking the UPA (Shelter) is as soon as possible and no later than 25 minutes from the start of the incident.

Emergency Planning STAC Quick Guide to AWE Incident Considerations

(a)	The main types of radioactive materials used at AWE are: - plutonium, - uranium and - tritium. There are other sources of radioactivity used for safety checks and normal industrial purposes (e.g. sources for radiography). These are
	well controlled, pose no threat to the public and have no potential for any off-site emergency response action

A release of radioactive material off-site from either the Aldermaston or Burghfield licensed sites is unlikely to lead to a significant dose to a member of the public.

A release of radioactive material would not lead to acute (deterministic) radiation effects.

Atmospheric releases may be accompanied by a visible plume of smoke.

However, given the properties of the radioactive material, the association of any visible smoke plume with the deposition of radioactive material may not be accurate.

Appendix C

Contact information for Site Manager

Name TBA

Contact Number TBA