

United Kingdom Atomic Energy Authority (UKAEA) Culham Science Centre Off Site Emergency Plan.

Culham Science Centre near Abingdon, Oxfordshire has been a major international fusion research centre since the 1960s and is the UK's national laboratory for fusion research. UKAEA owns and operates the science centre which also has a number of tenant businesses.

Oxfordshire County Council and the Emergency Services have a statutory duty laid down by Central Government to plan and prepare for emergency situations, in the highly unlikely event of a radiation emergency.

These statutory duties were recently updated with the amendment and reissue of the Radiation (Emergency Preparedness and Public Information) Regulations (REPPiR) 2019 which reduced the thresholds in which the requirement for an off-site emergency plan is required. These latest regulations place extra responsibilities upon the Local Authorities, one such duty includes the determination of a consequence report received from UKAEA at Culham Science Centre.

Based on the information from UKAEA there is very low likelihood (one in one billion years) that hazards identified by UKAEA could lead to an off-site radiation emergency as defined under REPPiR-19. This means there is the potential to meet or exceed the 1 mSv (one millisievert) radiation threshold for members of public, it has been determined by Oxfordshire County Council that REPPiR-19 is applicable to Culham Science Centre and under these regulations an off-site emergency plan would be required.

The below safety information is to be used in the highly unlikely event of a Radiation Emergency at Culham Science Centre, where a release of radioactive material could affect members of the public outside the perimeter of the site and within the 1km Outline Planning Zone.

Public Information in the event of a Radiation Emergency at Culham Science Centre

The procedure for an off-site emergency is simple:

- **Go in**
- **Stay in**
- **Tune in**

Information will be broadcast on:

Radio: BBC Radio Oxford FM 95.2, Heart FM 102.6 and Jack FM 106.4, Oxfordshire County Council web site www.oxfordshire.gov.uk along with twitter and Facebook pages.

What do you mean by an emergency? In some extremely rare circumstances, it is possible that radioactive material could be released following a radiation emergency on site.

How do I know if I will be affected? it would probably only affect people living or working very close to or within Culham Science Centre.

How will I know an emergency has happened? There will be an announcement on local radio stations, Facebook and Twitter pages of the County Council and Emergency services.

What happens after the warnings are given? The local authorities will liaise with Culham Science Centre and other agencies to deal with the release of information and, as soon as it is completely safe to go outside again, there will be announcements on local radio stations, Twitter, and Facebook.

Will we be evacuated? no there would be no need for an evacuation,

Food and drink? tap water and any food or drink that you have in your house will be not be affected.

In the event of an off-site emergency, do not leave your home unless advised to do so - the best thing to do is stay indoors.

For further information please contact us.
emergencyplanning@oxfordshire.gov.uk

A public version of the United Kingdom Atomic Energy Authority (UKAEA) Culham Science Centre Off-site Emergency Plan. Is available on request from Oxfordshire County Council Emergency Planning Unit