

Radiation (Emergency Preparedness and Public Information) Regulations 2001 (REPPIR)

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The Radiation (Emergency Preparedness and Public Information) Regulations 2001 (REPPIR) aims to protect members of the public from a radiation emergency that could arise from work with ionising radiation.

REPPIR establishes a framework of emergency preparedness measures to ensure that members of the public are:

- properly informed and prepared, in advance, about what to do in the unlikely event of a radiation emergency occurring, and
- provided with information if a radiation emergency actually occurs.

A "radiation emergency" is an event that is likely to result in a member of the public receiving an effective dose of 5 mSv during the year immediately following the emergency.

Local authorities are responsible for preparing an off-site emergency plan for any premises in their area with an operator's emergency plan. Also, all local authorities, whether or not they have REPPIR premises within their area, should have arrangements to provide information to the public should a radiation emergency arise. These are intended to cover emergencies at REPPIR sites and other incidents such as fallen nuclear-powered satellites, transport accidents or incidents occurring overseas that may also affect Great Britain.

Advice to the public should a radiation emergency arise.

Your First Actions –

The Alert

If there were to be a problem likely to affect the public, you would be asked to take shelter indoors. This will significantly reduce the effects of radioactivity.

- Close doors and windows - If you close your doors and windows you can stop radioactive particles entering your home or office.
- Damp down or extinguish open fires and turn off any ventilation systems that draw in air from the outside, and any extractor fans.
- Do not use the telephone in an emergency, telephone systems can become overloaded and fail. If you need to use the telephone, make your call brief
- Try not to use mobile phones
- Do not phone the emergency services unless you have a separate emergency
- Tune in to Local Radio or TV – Isle of Wight Radio can be found on 107

and 102 FM. Local and national news bulletins are broadcast on the hour and half hour with the main headlines available via the Isle of Wight Radio website.

- Do not leave the area unless told to do so by the police. You will be much safer indoors. If you attempt to leave the area, you will hinder the emergency services and may put your own health at unnecessary and greater risk, particularly from road accidents. The police may operate roadblocks to restrict movement.
- If you are out of the area please follow instructions from police and local authorities. You may be told to shelter at a facility outside the sheltering zone.

Further advice and guidance can be obtained from the Health and Safety Executive [website here](#)