Notice: NN11 4NS, Henley Biomass Limited: environmental permit application advertisement

The Environment Agency consults the public on certain applications for waste operations, mining waste operations, installations, water discharge and groundwater activities. The arrangements are explained in its Public Participation Statement

These notices explain:

- what the application is about
- how you can view the application documents
- when you need to comment by

The Environment Agency will decide:

- whether to grant or refuse the application
- what conditions to include in the permit (if granted)

Guidance: Gwaredu daearegol

Mae technoleg niwclear wedi bod yn rhan o'n bywydau am dros 60 o flynyddoedd, ac mae'n cael ei ddefnyddio i gynhyrchu pŵer, ym maes diwydiant, meddygaeth ac amddiffyn. Erbyn heddiw, mae ynni niwclear yn darparu bron i un rhan o bump o holl drydan y DU. Mae'r gweithgareddau yma wedi creu gwastraff ymbelydrol y mae angen i ni ei reoli yn ddiogel.
Mewn Cyfleuster Gwaredu Daearegol (GDF) bydd y gwastraff yn cael ei roi gannoedd o fetrau o dan y ddaear. Cydnabyddir yn rhyngwladol mai GDF yw'r datrysiad hirdymor mwyaf diogel; bydd cael un yn y DU yn creu swyddi a buddsoddiad gwarantedig i'r gymuned dan sylw.

Detailed guide: How to contact Radioactive Waste Management (RWM)

Updated: Inserted new links to BEIS and Welsh Government consultations

General enquiries

Radioactive Waste Management (RWM) is a public organisation established by government and a
subsidiary of the Nuclear Decommissioning Authority (NDA). We are responsible for planning and
delivering geological disposal in the UK.

If you are a business or member of the public looking for further information not available on our website, please email us at gdfenquiries@nda.gov.uk or phone:

GDF Enquiries: 0300 0660100

A member of our team will get back to you.

Media enquiries

For media enquiries, call our media and campaign team on:

(+44) 01925 802299 (office hours)

(+44) 07803 495577 (out of hours)

or email gdfenquiries@nda.gov.uk

If you would like to receive email notification of updates to these pages, please sign up to our e-bulletin service

RWM uses Flickr to share a selection of images from across the project. Our image gallery contains a selection of images that are available for press use only.

Before downloading any of the images, please ensure you have read and will comply with Copyright Terms and Conditions.

Images can be downloaded from the RWM Flickr site.

Latest news and updates

For the latest news and significant developments click on the links below.

Press release

National Policy Statement for geological disposal infrastructure – Implementing geological disposal – consultation

Working With Communities consultation

Welsh Government consultation

GDF Annual Report

Implementing geological disposal: land use planning

Geological Disposal Facility document collection page

Useful links and downloads

For useful GDF-related links and PDF downloads please click through the links below.

All our GDF-related literature is also available in Welsh language or in large print on request.

GDF safety case

Making sense of geological disposal

Go to geological disposal homepage

Staying in touch with RWM

Our website is updated regularly with the latest news, images, videos and progress from across the GDF project.

More information on geological disposal

Stay in touch with us on social media by following us on Twitter, liking our Facebook page or watching our YouTube videos.

You can also subscribe to our e-bulletin or blog.

If you need to contact us, you can write to:

GDF Enquiries,

Building 587, Curie Avenue

Harwell, Oxford

Didcot OX11 0RH

Or phone the number below, Monday to Friday, between 8.30am and 4.30pm:

GDF Enquiries 0300 0660100

How to make an FOI request

Radioactive Waste Management (RWM) is responsible for planning and delivering geological disposal in the UK

Detailed guide: The UK’s nuclear history

Our nuclear legacy

The United Kingdom is a pioneer of nuclear technologies and opened the world’s first commercial nuclear power station in 1956, at Calder Hall near Sellafield in Cumbria. Nuclear power has delivered great benefits: it has supported national defence, generated electricity for more than 60 years and our country remains a world-leading nuclear enterprise.

Today the UK is faced with the challenge of cleaning up the legacy of its early nuclear operations – a large-scale programme undertaken by the Nuclear Decommissioning Authority (NDA). This includes delivering innovative solutions for managing radioactive waste that meet today’s safety standards and will protect us into the distant future.

Why we use nuclear energy today

UK Government policy is to have a wide mix of energy supplies, so we use nuclear alongside other energy sources, such as gas and solar. Today, nuclear energy generates around one fifth of the country's electricity, and under current government proposals that include Hinkley Point C, some of our power will come from nuclear sources in the future.

There are important reasons why nuclear is part of the mix:

- it's a low carbon choice that supports the UK's climate change goals: nuclear power stations generate electricity without emitting greenhouse gases like carbon dioxide and methane
- nuclear power plants produce electricity 24 hours a day, whatever the weather
- nuclear power plants don't require a daily supply of new fuel to operate, unlike gas, coal and biomass plants

Where else does radioactive waste come from?

Besides nuclear power generation, radioactive waste comes from:

- Medical – in particular, radioactive materials are used to sterilise equipment, and help diagnose and treat medical illnesses.
- Industry – for example, gamma rays are used to test the quality of welds or the thickness of products, such as paper.
- Defence – includes the operation of active nuclear-powered submarines and the decommissioning of retired submarines.
- Research and development – from nuclear fusion technology to developing new radiotherapy treatments to testing novel solid materials for encapsulating liquid radioactive wastes.

The full list of radioactive waste present in our country is kept up to date and published on the UK's Radioactive Waste Inventory website.

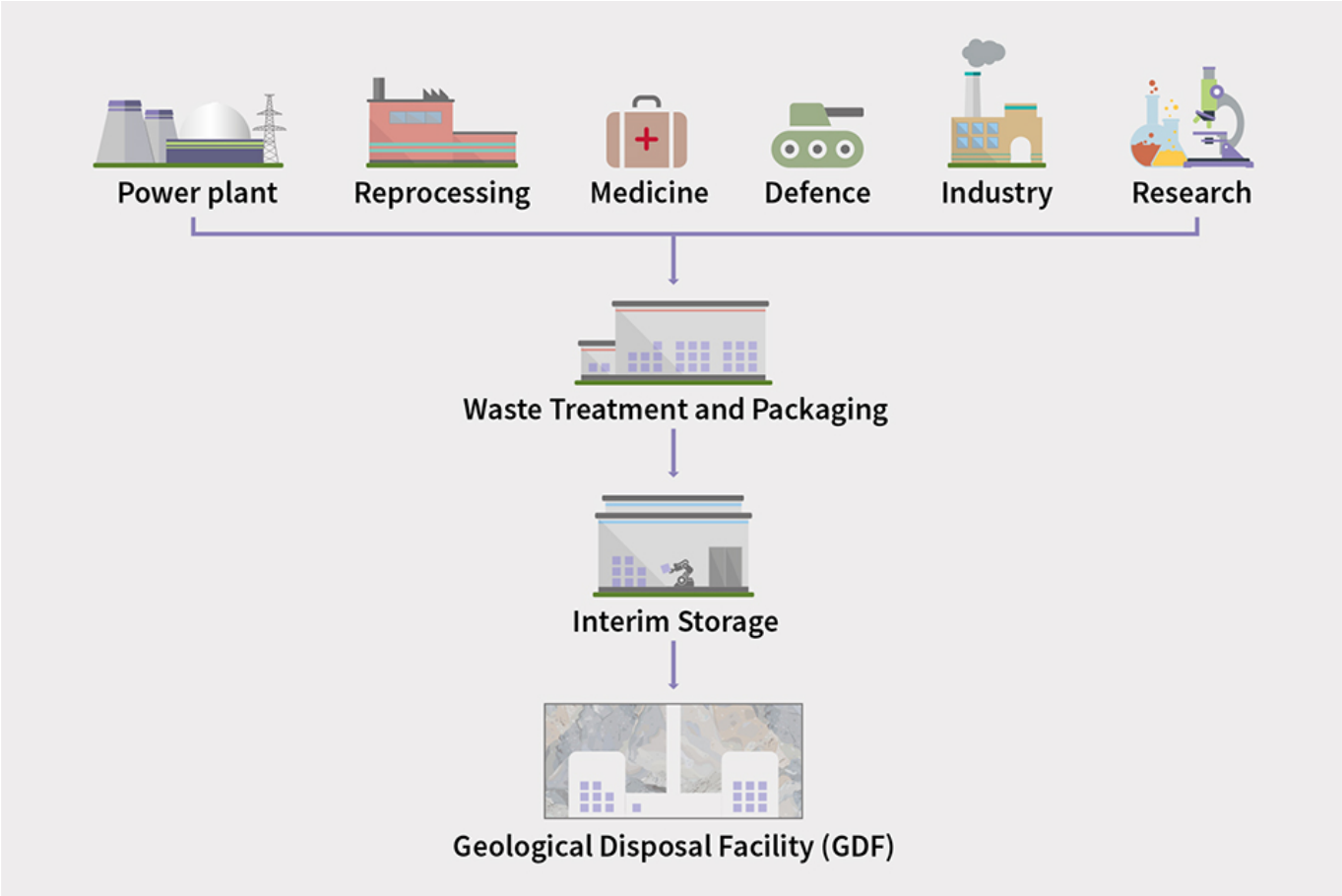
To learn more about radioactivity, read or download
What is radioactive waste?
(PDF, 1.03MB, 4 pages)

What we need to do now

The radioactive waste resulting from power generation, medicine, defence and other industries needs to be managed carefully. Existing waste is currently stored above ground at more than 30 sites around the UK. These surface stores can be safe for many decades, but require continuous protection to keep them secure and in good condition, as the waste remains radioactive for hundreds of thousands of years.

Nuclear sites in the UK

There is international consensus that geological disposal is the safest and most secure way to manage higher activity waste for the long term, and that a Geological Disposal Facility (GDF) will ensure that the responsibility of continually protecting this waste is not passed on to future generations.



Source and management of radioactive waste

Science file

For further information about radioactive waste, read our science file
What is radioactive waste?
(PDF, 1.03MB, 4 pages)

What is radioactive waste?

PDF, 1.03MB, 4 pages

About us

Radioactive Waste Management (RWM) is a public organisation responsible for delivering safe geological disposal in the UK. Find out more about RWM.

If you would like to receive email notification of updates to these pages,

please sign up to our e-bulletin service

Go to geological disposal homepage

Detailed guide: Radioactive Waste Management (RWM) – about us

Radioactive Waste Management (RWM) is a public organisation established by government and responsible for planning and delivering geological disposal in the UK.

We collaborate with scientists around the world on multi-million pound research programmes, sharing the latest scientific advances and best practice. We also work with the producers of radioactive waste to find ways to package it that are suitable for disposal in a Geological Disposal Facility (GDF).

Our vision is to create a safer future by managing radioactive waste effectively, to protect people and the environment.

30 years of scientific research and development

The RWM team includes scientists and engineers with over 30 years' experience in carrying out research and development to support geological disposal, supported by community engagement specialists.

Our organisation is a subsidiary of the Nuclear Decommissioning Authority (NDA), a public sector organisation tasked by the UK government with the safe and efficient clean-up of Britain's civil nuclear legacy.

Independent scrutiny

Our work is regulated by the Office for Nuclear Regulation (ONR) and the following agencies:

- the Environment Agency (EA) in England
- Natural Resources Wales
- Northern Ireland Environment Agency

It is also scrutinised by an independent body set up by the government, the Committee on Radioactive Waste Management, (CoRWM).

If you would like to receive email notification of updates to these pages, please sign up to our e-bulletin service

Go to geological disposal homepage

To better understand our mission and what we do, watch our company video below.

Road to Delivery