

# How to apply for an environmental permit

## Form RSR-C5 – Variation to a bespoke radioactive substances activity permit (nuclear site, adding on-site disposal of solid radioactive waste)



**Read through this part of the form and the form RSR-C5 guidance notes before you fill it in.**

Fill in this part of the form, together with forms RSR-A and RSR-F, if you are applying to add on-site disposal of solid radioactive waste to a nuclear site that is already permitted. Use this form if you wish to add in-situ disposal or disposal for a purpose to a nuclear site permit. If you wish to add a radioactive waste disposal facility to a nuclear site permit, use form RSR-B5.

If you wish to make changes to your permit concerning your disposals of liquid or gaseous waste, or any other changes not related to on-site disposal of solid radioactive waste to land, use form RSR-C3.

We have published guidance on the management of radioactive waste on decommissioning nuclear sites (known as the GRR) at [Decommissioning of nuclear sites and release from regulation - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/decommissioning-of-nuclear-sites-and-release-from-regulation)

We strongly advise you to read that guidance and the guidance to this form, and then to discuss your proposals with us before you make an application.

It will take less than three hours to fill in this part of the application form.

### Contents

1	About the permit being varied	2
2	Other applications	2
3	About your proposed changes	2
4	Operating techniques	3
5	Disposal of radioactive waste	3
6	Monitoring	4
7	Radiological assessment	4
8	Non-radiological assessment	4
9	Radioactive waste pre-disposal arrangements	4
10	Waste Management Plan and Site-wide Environmental Safety Case	5
11	How to contact us	5

## **1 About the permit being varied**

**What is the permit number that this application relates to?**

---

## **2 Other applications**

**Have you recently made, or do you intend to make, an application for an environmental permit to operate a regulated facility, other than a radioactive substances activity, on the premises?**

Yes

No

## **3 About your proposed changes**

### **3a Type of variation**

What type of variation are you applying for? (tick)

Administrative - Give details in the box below and then complete Form RSR-F

Other - Go to question 3b

### **Administrative variation details**

**3b Changes to disposal of radioactive waste activity**

Tick the relevant boxes in Table 1 to show what type of change you wish to make to the radioactive substances activity defined in paragraph 11(2)(b) of Part 2 of Schedule 23.

**Table 1 – Changes to the activity ‘Dispose of radioactive waste on or from premises used for the purposes of an undertaking’** (tick all that apply)

Description	Add activity	Delete activity	Change activity
In-situ disposal of one or more structures that are radioactive waste			
Disposal for a purpose involving filling a void or structure with radioactive waste			
Disposal for a purpose involving creating landscaping features using radioactive waste			
Other on-site disposal of radioactive waste not including a disposal facility			

**3c Provide a technical description of your on-site disposal of radioactive waste**

Document reference

**4 Operating techniques****4a Describe how you manage the on-site disposal of solid radioactive waste to protect the environment and to optimise the protection of members of the public**

Document reference

**4b Describe how you manage the on-site disposal of solid radioactive waste to protect members of the public and the environment from any non-radiological hazards of the radioactive waste**

Document reference

**5 Disposal of radioactive waste****5a Provide a description and quantitative estimates of the radioactive waste to be disposed of on site**

Document reference

**5b Provide your proposed limits for the disposal of radioactive waste**

Document reference

## 6 Monitoring

### 6a Provide a description of the sampling arrangements, techniques and systems for measurement and assessment of discharges of radioactive and other substances from the disposal

Document reference

---

### 6b Provide a description of your environmental monitoring programme

Document reference

---

## 7 Radiological assessment

### 7a Provide a prospective dose assessment at the proposed limits for the disposal

Document reference

---

### 7b Provide a prospective dose assessment for the most exposed members of the public in Member States of the European Union and/or Norway

Only answer this question if your activity is described in paragraph 2 of the Transboundary Radioactive Contamination (England) Direction 2020 and you are applying to increase any of your current disposal limits or applying for a new disposal limit as part of this application.

Document reference

---

### 7c Provide an assessment of the impact on the environment at the proposed limits for the disposal

Document reference

---

## 8 Non-radiological assessment

### 8a Provide an assessment of the impacts arising from the non-radiological properties of the radioactive waste

Document reference

---

## 9 Radioactive waste pre-disposal arrangements

### 9a Provide details of your arrangements for pre-disposal verification of the waste to ensure control of the disposal of radioactive waste

Document reference

---

## 10 Waste Management Plan and Site-wide Environmental Safety Case

### 10a Provide relevant extracts from your WMP and SWESC to support your application

Document reference

---

**Now fill in form RSR-F.**

## 11 How to contact us

Send all parts of your filled-in application form and supporting documents to our Radioactive Substances Regulation Permit Support Team as described in form RSR-F.

### Support:

If you need help filling in this form, contact the person who sent it to you or contact us using the methods described in form RSR-F, which is available at:

[Application for an environmental permit \(Radioactive Substances Activity\) Part RSR-F – Charges and declarations \(publishing.service.gov.uk\)](#)

If you are happy with our service, tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, tell us how we can improve it.

### For Environment Agency use only

Date received (DD/MM/YYYY)

---

Our reference number

---

Payment received?

No

Yes

Amount received

---