

Application for an environmental permit

Part RSR-B3 – New bespoke radioactive substances activity permit (nuclear site – open sources and radioactive waste)



Please read through this part of the form and the part RSR-B3 guidance notes before you fill it in.

It will take about 3 hours to fill in this form.

If you are applying for a new bespoke permit for a radioactive substances activity involving open sources and/or radioactive waste on a nuclear site, fill in this part of the form, together with parts RSR-A and RSR-F. If you want to make on-site disposals of solid waste to land, also fill in part RSR-B5.

For security reasons, do not refer to sealed sources on this part of the form. There is a separate part (RSR-B2) for radioactive substances activities involving sealed sources.

If your application relates to a nuclear power station that has been through the generic design assessment (GDA) process, you must clearly identify:

- any information that is different from that provided for GDA;
- where you have addressed any GDA issues and assessment findings related to the GDA statement of design acceptability.

Contents

- 1 Other applications
- 2 About the activities
- 3 Operating techniques
- 4 Disposal of radioactive waste
- 5 Monitoring
- 6 Radiological assessment
- 7 Receipt of radioactive waste
- 8 Radioactive material
- 9 Mobile radioactive apparatus (environmental studies)
- 10 How to contact us

1 Other applications

1a 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?

No

Yes

2 About the activities

2a What activities are you applying for?

Tick the relevant boxes in Table 1 to show which radioactive substances activities you are applying for.

Table 1 – radioactive substances activities

Schedule 23 Part 2 paragraph reference	Description	
11(2)(a)	Keep or use radioactive material on premises used for the purposes of an undertaking	<input type="checkbox"/>
11(2)(b)	Dispose of radioactive waste on or from premises used for the purposes of an undertaking	<input type="checkbox"/>
11(4)(a)	Receive radioactive waste for the purposes of disposing of it	<input type="checkbox"/>
11(5)(b)	Keep or use mobile radioactive apparatus for releasing quantities of radioactive material into the environment or introducing such material into organisms	<input type="checkbox"/>

2b Is a submission to the European Commission under Article 37 of the Euratom treaty required for these activities?

No

Yes If yes, what is its status?

In draft

Submitted to DECC Give date of submission (DD/MM/YYYY) _____

Opinion received Give date of opinion (DD/MM/YYYY) _____

2c Provide a technical description of your activities

Document reference _____

3 Operating techniques

3a Describe how you manage the production, discharge and disposal of radioactive waste to protect the environment and to optimise the protection of people.

Document reference

4 Disposal of radioactive waste

4a Provide quantitative estimates for normal operation of

- discharges of gaseous and aqueous radioactive wastes
- arisings of combustible waste and disposals by on-site or off-site incineration
- arisings of other radioactive wastes (by category and disposal route (if any))

Document reference

4b Provide your proposed limits for

- gaseous discharges
- aqueous discharges
- disposal of combustible waste by on-site incineration

Document reference

5 Monitoring

5a Provide a description of the sampling arrangements, techniques and systems for measurement and assessment of discharges and disposals of radioactive waste

Document reference

5b Provide a description of your environmental monitoring programme

Document reference

6 Radiological assessment

6a Provide a prospective dose assessment at the proposed limits for discharges and for any on-site disposal (such as incineration but not on-site disposal of solid waste to land)

Document reference

6b Provide an assessment of the impact of the radioactive discharges and on-site disposals on non-human species

Document reference

6c Provide an assessment of the impact on people and non-human species of the environmental studies

(only answer this question if you are applying for an activity described in Schedule 23, Part 2, paragraph 11(5)(b))

Document reference

7 Receipt of radioactive waste

7a Provide details of the origin, nature and quantity of each waste stream to be accepted onto the premises, and how you will manage and dispose of it (tell us if you may receive waste as a result of your participation in the National Arrangements for Incidents Involving Radioactivity or in a Radsafe incident response – no further details are required for such waste)

Document reference

8 Radioactive material

Only answer this question if you are a tenant applying for an activity described in Schedule 23, Part 2, paragraph 11(2)(a) involving unsealed sources.

Fill in Table 2 with details of the radioactive material that you will keep or use on the premises.

8 Radioactive material, continued

Table 2 – radioactive material on the premises

Radionuclide	Maximum amount (see note 1)	Units (becquerels or multiples thereof)	Estimated usage per month	Units (becquerels or multiples thereof)

Note 1

This is the maximum amount on the premises at any one time.

9 Mobile radioactive apparatus for environmental studies

Only answer this question if you are applying for an activity described in Schedule 23, Part 2, paragraph 11(5)(b).

Fill in Table 3 with details of the radioactive material that you will use for environmental studies.

Table 3 – radioactive material for environmental studies

Radionuclide	Maximum amount (see note 2)	Units (becquerels or multiples thereof)	Maximum daily release	Units (becquerels or multiples thereof)

Note 2

This is the total radioactivity of the specified radionuclide to be used for the environmental study.

Now fill in part RSR-F.

10 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

Nuclear regulatory group (North)

Phone: 020 3025 5741

Email: nrg.north@environment-agency.gov.uk

Nuclear regulatory group (South)

Phone: 020 3025 9549 or 020 3025 9778

Email: nrg.south@environment-agency.gov.uk

Website: <https://www.gov.uk/government/organisations/environment-agency>

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form? _____

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes Amount received

£ _____