**Application for an environmental permit**

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

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| **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

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 |  |
| 11(2)(b) | Dispose of radioactive waste on or from premises used for the purposes of an undertaking |  |
| 11(4)(a) | Receive radioactive waste for the purposes of disposing of it |  |
| 11(5)(b) | Keep or use mobile radioactive apparatus for releasing quantities of radioactive material into the environment or introducing such material into organisms |  |

**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 DBEIS (or successor)  (Please provide date of submission in the box below DD/MM/YYYY)

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|  |

Opinion received  (Please provide date of opinion in the box below DD/MM/YYYY)

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**2c Provide a technical description of your activities**

Document reference

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# 3 Operating techniques

**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

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# 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

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## 4b Provide your proposed limits for

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

Document reference

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# 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

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## 5b Provide a description of your environmental monitoring programme

Document reference

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# 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

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

Document reference

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## 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

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# 7 Receipt of radioactive waste

**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

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# 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.

## 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) |
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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 1) | Units  (becquerels or multiples thereof) | Maximum daily release | Units  (becquerels or multiples thereof) |
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Note 1 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.

Phone: 0300 065 3000

Email: [RSRpermitting@naturalresourceswales.gov.uk](mailto:RSRpermitting@naturalresourceswales.gov.uk)

# Website: [www.naturalresourceswales.gov.uk](http://www.naturalresourceswales.gov.uk/)