

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

NNB Generation Company Limited

Hinkley Point C Power Station Near Bridgwater Somerset TA5 1UD

Permit number EPR/ZP3238FH

Hinkley Point C Power Station Permit number EPR/ZP3238FH

Introductory note

This introductory note does not form a part of the permit

This permit controls the operation of a combustion activity. The relevant listed activity is Section 1.1 A(1) (a): Burning any fuel in an appliance with a rated thermal input of 50 megawatts or more. The permit implements the requirements of the EU Directive on Industrial Emissions.

The main features of the permit are as follows.

The installation is located approximately 12 km to the north-west of the town of Bridgwater and consists of twelve back-up diesel generators which have a combined net thermal input of 176 MWth, their associated fuel storage tanks and interconnecting pipework. The generators will be housed in four purpose built concrete buildings each containing two Essential Diesel Generators (18.5 MWth each) and one Station Blackout Diesel Generator (7 MWth).

The diesel generators are safety classified standby equipment and will only be operated in the event of a power failure, maintenance purposes and during periodic testing.

The main emissions are to air via exhaust stacks of approximately 30 metres in height and will consist of combustion gases containing oxides of sulphur, nitrogen and carbon and particulates.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

| Status log of the permit | | |
|----------------------------------|-------------------------|---|
| Description | Date | Comments |
| Application EPR/ZP3238FH/A001 | Duly made 29/07/2011 | |
| Schedule 5 notice | Issued 12/10/2011 | Response dated 27/10/2011 |
| Additional information received | 02/02/2012 by e-mail | Further information regarding operating hours in the Commissioning Scenario |
| Additional information received | 21/03/2012 | Further information regarding operating hours |
| Permit determined | 13/03/2013 | |

| Other EPR permits relating to this installation | | | | |
|---|--|---------------|--|--|
| Operator | Permit number | Date of issue | | |
| NNB Generation Company Limited | EPR./HP3228XT (Water Discharge Activity – Schedule 21) | 13/03/2013 | | |

Permit Number EPR/ZP3238FH

| Other EPR permits relating to this installation | | | |
|---|--|------------|--|
| NNB Generation Company | EPR/ZP3690SY | 13/03/2013 | |
| Limited | Radioactive Substances Activity – Schedule 23) | | |

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number EPR/ZP3238FH

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

NNB Generation Company Limited ("the operator"),

whose registered office is

40 Grosvenor Place London SW1X 7EN

company registration number **06937084** to operate an installation at

Hinkley Point C Power Station Near Bridgwater Somerset TA5 1UD ("the site")

to the extent authorised by and subject to the conditions of this permit.

| Name | Date |
|-----------|------------|
| Mike West | 13/03/2013 |

Authorised on behalf of the Environment Agency

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
 - (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 The operator shall maintain records demonstrating compliance with condition 1.1.1.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

- 1.2.1 The operator shall:
 - (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 The operator shall:
 - (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

- 1.4.1 The operator shall take appropriate measures to ensure that:
 - (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
 - (b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit, which identifies and minimises the risks of pollution relevant to that plan and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
 - (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.
- 3.2.4 The Operator shall carry out monitoring of groundwater at least once every 5 years; and of soil at least once every 10 years; to the protocol agreed in writing with the Environment Agency under pre-operational condition PO4 in schedule 1 table S1.4.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1 and S3.2;
 - (b) process monitoring specified in table S3.3;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1 unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
 - (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
 - (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production /treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
 - (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 The Operator shall
 - (a) in the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately:
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) in the event of a breach of any permit condition, the operator must immediately:
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- 4.3.4 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
 - (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.5 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.6 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

| Table S1.1 activi | Table S1.1 activities | | | | | |
|--------------------|---|--|--|--|--|--|
| Activity reference | Activity listed in Schedule 1 of the EP Regulations | Description of specified activity | Limits of specified activity | | | |
| A1 | Section 1.1 A(1) (a): Burning any fuel in an appliance with a rated thermal input of 50 megawatts or more | The combustion of fuel (gas oil) for the production of electricity using the diesel generators | From use of fuel oil, through the plant producing electricity to the discharge of combustion products to air | | | |
| Directly Associa | ted Activity | | | | | |
| A2 | Directly associated activity | Fuel oil storage | From receipt of raw materials to dispatch for use | | | |
| A3 | Directly associated activity | Surface water drainage | Handling and storage of site drainage until discharge to the site surface water drainage system | | | |

| Table S1.2 Operating techniques | | | | |
|--|--|-------------------------|--|--|
| Description | Parts | Date Received | | |
| Application | Parts B2 and B3 and the supplementary information supplied with these parts. | 29/07/11 | | |
| Response to Schedule 5 Notice dated 12/10/11 | Response to questions 1,2 and 3. | 27/10/11 | | |
| Additional information received | Further information regarding operating hours in the Commissioning Scenario | 02/02/2012 by e-mail | | |
| Additional information received | Further information regarding operating hours | 21/03/2012 | | |

| Table S1.3 Improvement programme requirements | | | | | |
|---|---|--|--|--|--|
| Reference | Requirement | Date | | | |
| IC1 | The Operator shall submit a written report to the Environment Agency on the implementation of its Environmental Management System and the progress made in the accreditation of the system by an external body or if appropriate submit a schedule by which the EMS will be subject to accreditation. | Within 12 months of the date on which the diesels are first operated on site. | | | |

| Table S1.4 | Table S1.4 Pre-operational measures | | | | | |
|------------|--|---|--|--|--|--|
| Reference | Requirement | Date | | | | |
| PO1 | Prior to the commencement of commissioning, the Operator shall send a summary of the site Environment Management System (EMS) to the Environment Agency and make available for inspection all documents and procedures which form part of the EMS. The EMS shall be developed in line with the requirements set out in Section 1 of How to comply with your environmental permit – Getting the basics right. The documents and procedures set out in the EMS shall form the written management system referenced in condition 1.1.1 (a) of the permit. | At least three calendar months before the start of commissioning. | | | | |
| PO2 | The operator shall submit a written report to the Agency for approval that includes a detailed site drainage plan and the specific design detail of the containment infrastructure at the part of the site relating to this permit, including all sub-surface structures and equipment. The site drainage plan shall clearly show the location of discharge point DWG1 – the point at which surface water and oily water from this site enters the oily water drainage system of the wider regulated facility. The report shall also include an inspection and maintenance programme for the containment infrastructure and equipment at the site. | At least three calendar months before the start of commissioning. | | | | |
| PO3 | Prior to the commencement of commissioning, the Operator shall submit a report on the baseline conditions of soil and groundwater at the installation. The report shall contain the information necessary to determine the state of soil and groundwater contamination so as to make a quantified comparison with the state upon definitive cessation of activities provided for in Article 22(3) of the industrial Emissions Directive (IED). The report shall contain information, supplementary to that already provided in application Site Condition Report, needed to meet the information requirements of Article 22(2) of the IED. | At least six calendar months before the start of commissioning. | | | | |
| PO4 | Prior to the commencement of commissioning the Operator shall submit the written protocol referenced in condition 3.2.4 for the monitoring of soil and groundwater for approval by the Environment Agency. The protocol shall demonstrate how the Operator will meet the requirements of Articles 14(1)(b), 14(1)(c), 14(1)(e) and 16(1) of the IED. | At least three calendar months before the start of commissioning. | | | | |

Schedule 2 - Waste types, raw materials and fuels

| Table S2.1 Raw materials and fuels | |
|------------------------------------|--------------------------------|
| Raw materials and fuel description | Specification |
| Gas oil from 01/01/2008 | Less than 0.1% sulphur content |

Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|--|--|------------------------------|---------------------|----------------------|-------------------------------|
| Emission point ref. & location | Parameter | Source | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| A1,A2, A4, A5, A7, A8, A10 and All (each generator exhaust) [Points A1,A2, | Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂) | Essential Diesel Generator exhaust stack | 1900 mg/m ³ | Hourly average | Annual | BS EN 14792 |
| A4, A5, A7, A8, A10 and All on site plan in | Sulphur dioxide | | No limit set | Hourly average | Annual | BS EN 15267-3 [Note 1] |
| Schedule 7] | Carbon monoxide | | 150 mg/m ³ | Hourly average | Annual | BS EN 15058 |
| | Particulate matter | | 50 mg/m ³ | Hourly average | Annual | BS EN 13284-1 |
| A3,A6, A9 and Al2 (each generator exhaust) [Points A3,A6, A9 and Al2 | Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂) | Station Blackout Diesel Generator exhaust stack | 1900 mg/m ³ | Hourly average | Annual | BS EN 14792 |
| on site plan in Schedule 7] | Sulphur dioxide | | No limit set | Hourly average | Annual | BS EN 15267-3 [Note 1] |
| | Carbon monoxide | | 150 mg/m ³ | Hourly average | Annual | BS EN 15058 |
| | Particulate matter | | 50 mg/m ³ | Hourly average | Annual | BS EN 13284-1 |

Note 1: certification to the MCERTS performance standards indicates compliance with BS EN 15267-3

| Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements | | | | | | |
|--|-------------------------|--|--------------------------|---------------------|----------------------|---|
| Emission point ref. & location | Parameter | Source | Limit (incl. unit) | Reference Period | Monitoring frequency | Monitoring standard or method |
| DGW1* | No parameters set | Uncontami nated surface water and contaminat ed water from oil storage areas | No limit set | - | - | Permanent sampling access not required |

^{*} location as agreed in response to Table S1.4 – pre-operational measure PO2

| Table S3.3 Process monitoring requirements | | | | | | |
|---|--------------------|----------------------|-------------------------------|----------------------|--|--|
| Emission point reference or source or description of point of measurement | Parameter | Monitoring frequency | Monitoring standard or method | Other specifications | | |
| Essential Diesel Generators | Hours of operation | Continuous | Not applicable | None | | |
| Station Blackout Diesel Generators | Hours of operation | Continuous | Not applicable | None | | |

Schedule 4 - Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

| Table S4.1 Reporting of monitoring data | | | |
|---|--|--------------------|---------------|
| Parameter | Emission or monitoring point/reference | Reporting period | Period begins |
| Emissions to air Parameters as required by condition 3.5.1. | A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11 and A12 | Every 12 months | 1 January |

| Table S4.2: Annual production/treatment | | |
|---|-------|--|
| Parameter | Units | |
| - | - | |

| Table S4.3 Performance parameters | | |
|------------------------------------|-------------------------|--|
| Parameter | Frequency of assessment | Units |
| Gas oil usage | Annually | Tonnes |
| Essential Diesel Generators | Monthly | Hours of operation |
| | | Cumulative 12 monthly hours of operation |
| Station Blackout Diesel Generators | Monthly | Hours of operation |
| | | Cumulative 12 monthly hours of operation |

| Table S4.4 Reporting forms | | | |
|------------------------------|---|--------------|--|
| Media/parameter | Reporting format | Date of form | |
| Air | Form air 1 or other form as agreed in writing by the Environment Agency | DD/MM/YY | |
| Other performance indicators | Form performance 1 or other form as agreed in writing by the Environment Agency | DD/MM/YY | |

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

| Permit Number | EPR/ZP3238FH |
|--------------------------------|--------------------------------|
| Name of operator | NNB Generation Company Limited |
| Location of Facility | Hinkley Point C Power Station |
| | Near Bridgwater |
| | Somerset |
| | TA5 1UD |
| Time and date of the detection | |

| (a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, | | | |
|---|--|--|--|
| accident, or emission of a substance not controlled by an emission limit which has caused, is | | | |
| causing or may cause significant pollution | | | |
| To be notified within 24 hours of detection | | | |
| Date and time of the event | | | |
| Reference or description of the | | | |
| location of the event | | | |
| Description of where any release | | | |
| into the environment took place | | | |
| Substances(s) potentially | | | |
| released | | | |
| Best estimate of the quantity or | | | |
| rate of release of substances | | | |
| Measures taken, or intended to | | | |
| be taken, to stop any emission | | | |
| Description of the failure or | | | |
| accident. | | | |

| (b) Notification requirements for the breach of a limit | | |
|--|--|--|
| To be notified within 24 hours of detection unless otherwise specified below | | |
| Emission point reference/ source | | |
| Parameter(s) | | |
| Limit | | |
| Measured value and uncertainty | | |
| Date and time of monitoring | | |
| Measures taken, or intended to | | |

| be taken, to stop the emission | | | | |
|--|--|----------------------------|---------------------|--|
| | | | | |
| Time periods for notification follo | Time periods for notification following detection of a breach of a limit | | | |
| Parameter | | | Notification period | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| (c) Notification requirements for t | he detection of | any significant adverse er | nvironmental effect | |
| To b | e notified withir | 24 hours of detection | | |
| Description of where the effect on | | | | |
| the environment was detected | | | | |
| Substances(s) detected | | | | |
| Concentrations of substances | | | | |
| detected | | | | |
| Date of monitoring/sampling | | | | |
| | | | | |
| | | | | |
| Part B - to be submitted | d as soon a | as practicable | | |
| Any more accurate information on the | Any more accurate information on the matters for | | | |
| notification under Part A. | | | | |
| Measures taken, or intended to be taken, to | | | | |
| prevent a recurrence of the incident | | | | |
| Measures taken, or intended to be taken, to rectify, | | | | |
| limit or prevent any pollution of the environment | | | | |
| which has been or may be caused by the emission | | | | |
| The dates of any unauthorised emissions from the | | | | |
| facility in the preceding 24 months. | | | | |
| Name | | | | |
| Name* | | | | |
| Post | | | | |
| Signature | | | | |

Date

^{*} authorised to sign on behalf of NNB Generation Company Limited

Schedule 6 - Interpretation

"accident" means an accident that may result in pollution.

"annually" means once every year.

"application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

"authorised officer" means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"emissions to land" includes emissions to groundwater.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"groundwater" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

"Industrial Emissions Directive" means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

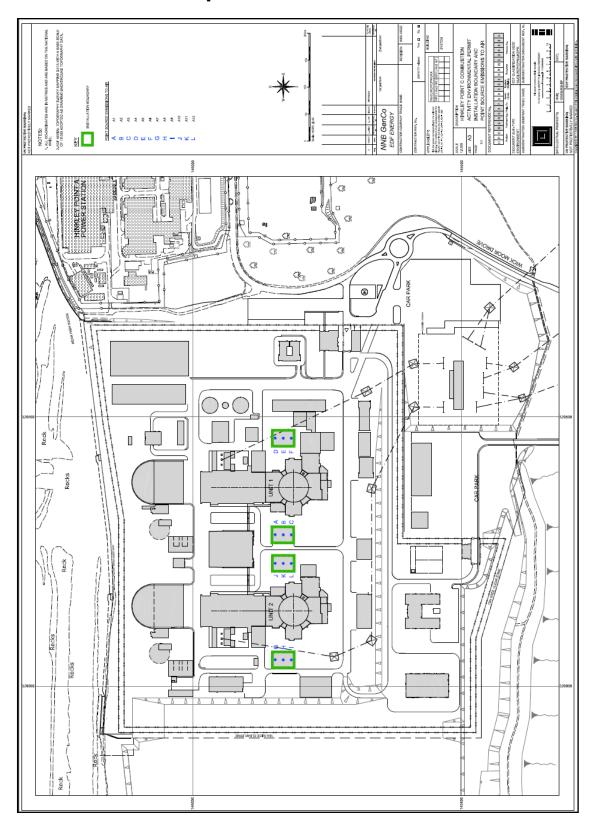
"year" means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content
- (c) In relation to compression ignition engines; an oxygen content of 15%, dry, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, for liquid and gaseous fuels.

Schedule 7 - Site plan



END OF PERMIT