

Natural Resources Wales permitting decisions

Nexperia Newport Limited Decision Document

Contents

Minor Technical Variation	1
Purpose of this document.....	2
Key issues of the decision	3
Receipt of application	3
Confidential information	3
Consultation	3
Operator.....	3
The facility	3
Legislation	3
The site	3
Site condition report.....	3
Biodiversity, Heritage, Landscape and Nature Conservation	3
Environmental Risk Assessment	4
Air	4
Water	4
Soil	4
Odour.....	4
Noise	4
Fugitive emissions	4
Monitoring	4
Operating techniques	4
The permit conditions	5
Raw materials	5
Waste types	5
Improvement conditions.....	5
Incorporating the application	5
Environment management system	6
Relevant convictions.....	6
Financial provision.....	6
OPRA	6

Minor Technical Variation

The variation number is: EPR/BV7460ID/V007

The operator is: Nexperia Newport Limited

The Installation is located at: Newport Semiconductor Plant, Cardiff Road, Newport, NP10 8YJ.

Nexperia Newport Limited have applied for a minor technical variation to their environmental permit to reflect the addition of seven new natural gas-fired thermal processing units (TPUs), which will be used alongside the four existing TPUs. The manufacturing process and materials used will remain unchanged and emissions from these proposed new TPUs will be discharged via existing emission points (A13 and A14). The expected increase flow of emission discharge to air from emission points A13 and A14 is expected to increase by a maximum of 0.13%. An H1 assessment has been carried out which has screened out all pollutants as insignificant.

We have decided to issue the variation for Newport Semiconductor Plant operated by Newport Nexperia Limited.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

Purpose of this document

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account
- justifies the specific conditions in the permit other than those in our generic permit template.

Unless the decision document specifies otherwise we have accepted the applicant's proposals.

Key issues of the decision

Receipt of application

Confidential information

No claim for commercial or industrial confidentiality has been made.

Consultation

There was no requirement to carry out a consultation on this minor technical variation. The decision was taken in accordance with RGN 6 High Profile Sites, our Public Participation Statement and our Working Together Agreements.

Operator

There is no change to the operator as a result of this variation.

The facility

There is no change to the activities or 'directly associated activities' as a result of this Variation.

Legislation

The variation notice is issued, under Regulation 20 of the EPR. The Environmental Permitting regime is a legal vehicle which delivers most of the relevant legal requirements for activities falling within its scope. In particular, the regulated facility is an installation as described by the IED.

We address the legal requirements directly where relevant in the body of this document. NRW is satisfied that this decision is compatible with its general purpose of pursuing the sustainable management of natural resources in relation to Wales and applying the principles of sustainable management of natural resources

All applicable European directives have been considered in the determination of the application.

The site

There is no change to the site boundary as a result of this variation, however the site layout has been changed by the addition of 7 new TPUs (document reference: 20-NWF-EPR-LA-L001). This drawing is referenced within Table S1.2 of the variation notice.

Site condition report

There are no changes to the site condition as a result of this variation.

Biodiversity, Heritage, Landscape and Nature Conservation

The application is within the relevant distance criteria of a site of heritage, landscape or nature conservation, and/or protected species or habitat.

We consider that the application will not affect any sites of nature conservation, protected species or habitats identified as the variation will not result in any significant change to the existing emissions or operational techniques, and as such there is no anticipated impact pathway.

Environmental Risk Assessment

Air

An H1 assessment has been carried out based on the maximum potential increase to the emission flow (0.13%) which concluded that all pollutants were screened out as insignificant.

Emission limits

As no significant changes to the facility's air emissions are expected as a result of this variation, no further assessment of the emission levels is required.

The Emissions and Monitoring Table S3.1 within Schedule 3 of the permit has been replaced, to incorporate the new thermal processing units.

Water

Based upon the information in the application we are satisfied that the appropriate measures will be in place to prevent pollution of ground and surface water.

Soil

It is not anticipated that any soil will be affected by this variation and that no changes to the existing soil survey are required.

Odour

There are no significant changes to odour expected as a result of this variation and therefore no further assessment is required.

Noise

As with the existing TPUs, the proposed new TPUs are not expected to have a significant noise impact. There are no changes to operational techniques as a result of this variation which may increase noise from the site.

Fugitive emissions

There is no increased risk of fugitive emissions expected as a result of this variation.

Monitoring

There will no change in monitoring requirements as a result of this variation
We have specified reporting in the original permit.

Operating techniques

The additional TPUs will be managed in accordance with the installations existing operating procedures, as stated in the applications supporting document (BV7460ID_Nexperia Variation_2(002)). The location of each new TPU is given in the updated site plan (20-NWF-EPR-LA-L001). Table S1.2 has been updated accordingly in the permit.

The permit conditions

Raw materials

There are no changes to raw materials as a result of this variation.

Waste types

There are no changes to the specified permitted waste types, descriptions and quantities, as a result of this variation.

Improvement conditions

There are no improvement conditions added to the permit as a result of this variation.

Incorporating the application

We have specified that the applicant must operate the permit in accordance with descriptions in the application, including all additional information received as part of the determination process.

These descriptions are specified in the Operating Techniques table in the permit (Table S.12).

Environment management system

There is no known reason to consider that the operator will not have the management systems to enable it to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.

Relevant convictions

Our Enforcement Database has been checked to ensure that all relevant convictions have been declared. No relevant convictions were found.

Financial provision

There is no known reason to consider that the operator will not be financially able to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.

OPRA

There are no changes to the Opra score as a result of this variation. The OPRA score at permit issue remains 77.

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