

Office for Nuclear Regulation (ONR)

Site Report for Trawsfynydd

Report for period 1 October 2021 to 31 March 2022

Foreword

This report is issued as part of ONR's commitment to make information about inspection and regulatory activities relating to the above site available to the public. Reports are distributed to members for the Trawsfynydd Site Stakeholder Group (SSG) and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR usually attend Trawsfynydd SSG meetings where these reports are presented and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact ONR.

Table of Contents

1. Inspections	3
2. Routine Matters	4
3. Non-Routine Matters.....	6
4. Regulatory Activity	7
5. News from ONR.....	8
6. Contacts	8

1. Inspections

1.1. Dates of Inspection

ONR Inspectors made inspections on the following dates during the report period 1 October 2021 to 31 March 2022:

- 17 November 2021
- 14 to 16 December 2021
- 16 February 2022
- 22 and 23 February 2022

2. Routine Matters

2.1. Inspections

Inspections are undertaken as part of the process for monitoring compliance with:

- the conditions attached by ONR to the nuclear site licence granted under the Nuclear Installations Act 1965 (NIA65) (as amended);
- the Energy Act 2013
- the Health and Safety at Work Act 1974 (HSWA74); and
- regulations made under HSWA74, for example the Ionising Radiations Regulations 2017 (IRR17) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).
- Nuclear Industries Security Regulations (NISR) 2003 (as amended); and
- Regulatory Reform (Fire Safety) Order 2005

The inspections entail monitoring licensee's actions on the site in relation to incidents, operations, maintenance, projects, modifications, safety case changes and any other matters that may affect safety and security. The licensee is required to make and implement adequate arrangements under the conditions attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation.

In this period, routine inspections of Trawsfynydd covered the following:

- modifications to plant, equipment and safety cases;
- management of operations including control and supervision;
- examination, maintenance, inspection and testing;
- radioactive waste management;
- decommissioning;
- periodic safety review; and
- security.

Our decommissioning and radioactive waste management inspection carried out in December 2021 was conducted jointly with Natural resources Wales (supported by the Environment Agency).

Members of the public, who would like further information on ONR's inspection activities during the reporting period, can view site Intervention Reports at www.onr.org.uk/intervention-records on our website www.onr.org.uk. Should you have any queries regarding our inspection activities, please email contact@onr.gov.uk.

2.2. Other Work

Throughout this reporting period, ONR's nominated site safety inspector has held fortnightly meetings with a Trawsfynydd leadership team representative to maintain situational awareness on matters related to nuclear safety, security, safeguards, transport, and conventional health and safety, including: workforce resilience, emergency arrangements resilience, supply chain resilience, fire safety, events on the site and activities taking place on the site. No significant issues were highlighted to ONR.

We are keeping our engagements with Trawsfynydd under review and are alert to the need to balance completion of planned inspections with Welsh Government and local area COVID-19 rules. This includes undertaking some interactions by videoconference, email, and telephone (as appropriate) to optimise physical presence on the site.

ONR continues to attend Magnox Limited's (ML) Trawsfynydd End State Tactical Group (TESTG) and other technical meetings to discuss the site's decommissioning activities, including preparations for the planned ponds complex demolition and disposal (PCDD), Safestores (the Reactor buildings) height reduction (HR) and rolling programme of decommissioning, and journey to final end state.

In March, ONR completed its assessment of Trawsfynydd's periodic safety review (PSR). Our assessment confirmed that Trawsfynydd's PSR supported continued operations. We have written to Trawsfynydd to confirm that ONR supports continued decommissioning work at the site.

Our nominated site safety inspector met Trawsfynydd safety representatives during this period (including a joint walkdown of areas of the site), to support their function of representing employees and receiving information on matters affecting their health, safety, and welfare at work.

3. Non-Routine Matters

Licensees are required to have arrangements to respond to non-routine matters and events. ONR inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

In October 2021 Trawsfynydd reported the possible on-site transmission of Covid-19 amongst several members of its workforce. At the time there was an increased infection rate across the local community, but a localised cluster had been identified on the site. This reporting was made under the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR). There was no impact to operational safety at Trawsfynydd and ONR was satisfied that the site continued to implement its company arrangements designed to reduce the risk of onsite Covid transmission.

4. Regulatory Activity

ONR may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, ONR issues regulatory documents, which either permit an activity or require some form of action to be taken; these are usually collectively termed 'Licence Instruments' (LIs) but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an Enforcement Notice.

No LIs, Enforcement Notices or Enforcement letters were issued during this period.

Reports detailing our regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

5. News from ONR

For the latest news and information from the Office for Nuclear Regulation, please read and subscribe to our regular email newsletter 'ONR News' at www.onr.org.uk/onrnews

6. Contacts

Office for Nuclear Regulation
Redgrave Court
Merton Road
Bootle
Merseyside
L20 7HS

website: www.onr.org.uk
email: Contact@onr.gov.uk

This document is issued by the Office for Nuclear Regulation (ONR). For further information about ONR, or to report inconsistencies or inaccuracies in this publication please visit <http://www.onr.org.uk/feedback.htm>.

© Office for Nuclear Regulation, [2022]

If you wish to reuse this information visit www.onr.org.uk/copyright.htm for details.
Published 04/22

For published documents, the electronic copy on the ONR website remains the most current publicly available version and copying or printing renders this document uncontrolled.

Y Swyddfa Rheoleiddio Niwclear (ONR)

Adroddiad Safle ar gyfer Trawsfynydd

Adroddiad ar gyfer y cyfnod 1 Hydref 2021 hyd 31 Mawrth 2022

Rhagair

Cyhoeddir yr adroddiad hwn yn rhan o ymrwymiad ONR i sicrhau bod gwybodaeth am arolygiadau a gweithgareddau rheoliadol sy'n ymwneud â'r safle uchod ar gael i'r cyhoedd. Dosberthir adroddiadau i aelodau ar gyfer Grŵp Rhanddeiliad Safle Trawsfynydd ac maen nhw ar gael hefyd ar wefan ONR (<http://www.onr.org.uk/lrc/>).

Mae arolygwyr safle o ONR yn mynd i gyfarfodydd SSG Trawsfynydd fel arfer lle cyflwynir yr adroddiadau hyn a byddent yn ymateb i unrhyw gwestiynau a godir yno. Dylai unrhyw berson sydd eisiau holi am faterion sy'n derbyn sylw yn yr adroddiad hwn gysylltu ag ONR.

Tabl y Cynnwys

1. Arolygwyr.....	Error! Bookmark not defined.
2. Materion arferol.....	4
3. Materion nad ydynt yn Rhai Arferol	6
4. Gweithgarwch Rheoleiddio	7
5. Newyddion gan ONR	8
6. Cysylltiadau	8

1. Arolygwyr

1.1. Dyddiad yr Arolygiad

Gwnaeth Arolygwyr ONR arolygiadau ar y dyddiadau a ganlyn yn ystod y cyfnod adrodd 1 Hydref 2021 hyd 31 Mawrth 2022:

- 17 Tachwedd 2021
- 14 hyd 16 Rhagfyr 2021
- 16 Chwefror 2022
- 22 a 23 Chwefror 2022

2. Materion Arferol

2.1. Arolygiadau

Cynhelir arolygiadau yn rhan o'r broses o fonitro cydymffurfiaeth â:

- yr amodau y mae ONR yn eu hatodi at drwydded safle niwclear a ganiateir o dan Ddeddf Safleoedd Niwclear 1965 (NIA65) (fel y'i diwygiwyd);
- Deddf Ynni 2013
- Deddf Iechyd a Diogelwch yn y Gwaith 1974 (HSWA74); a
- rheoliadau a wnaed o dan HSWA74, er enghraifft Rheoliadau Ymbelydriadau Ioneiddio 2017 (IRR17) a Rheoliadau Rheoli Iechyd a Diogelwch yn y Gwaith 1999 (MHSWR99).
- Rheoliadau Diogelwch Diwydiannau Niwclear (NISR) 2003 (fel y'u diwygiwyd); a
- Gorchymyn Diwygio Rheoleiddio (Diogelwch Tân) 2005

Mae'r arolygiadau'n cynnwys monitro gweithredoedd dalwyr trwydded ar y safle mewn perthynas â digwyddiadau, gweithrediadau, cynnal a chadw, prosiectau, addasiadau, newidiadau i achosion diogelwch ac unrhyw faterion eraill a allai effeithio ar ddiogelwch. Mae'n ofynnol bod daliwr y drwydded yn gwneud ac yn gweithredu trefniadau digonol o dan yr amodau sydd ynghlwm wrth y drwydded er mwyn sicrhau cydymffurfiaeth gyfreithiol. Nod yr arolygiadau yw barnu a yw'r trefniadau hyn yn ddigonol ac a ydynt wedi eu gweithredu.

Yn y cyfnod hwn, roedd arolygiadau arferol o Drawsfynydd yn ymdrin â'r canlynol:

- addasiadau i gyfarpar offer a chasys diogelwch;
- y rheolaeth ar weithrediadau, yn cynnwys rheoli a goruchwyllo;
- archwilio, cynnal, arolygu a phrofi;
- rheoli gwastraff ymbelydrol;
- datgomisiynu;
- adolygiad diogelwch cyfnodol; a
- diogelwch.

Gwnaed ein harolwg datgomisiynu a rheoli gwastraff ymbelydrol a weithredwyd ym mis Rhagfyr 2021 ar y cyd â Chyfoeth Naturiol Cymru (gyda chefnogaeth Asiantaeth yr Amgylchedd).

Gall aelodau'r cyhoedd a hoffai gael rhagor o wybodaeth am weithgareddau arolygu ONR yn ystod y cyfnod adrodd, weld Adroddiadau Ymyrraeth safle ar www.onr.org.uk/intervention-records ar ein gwefan www.onr.org.uk. Os oes gennych unrhyw ymholiadau am ein gweithgareddau arolygu anfonwch e-bost i contact@onr.gov.uk.

2.2. Gwaith Arall

Trwy gydol y cyfnod adrodd hwn, mae arolygydd diogelwch safle enwebedig ONR wedi cynnal cyfarfodydd bob pythefnos gyda chynrychiolydd o dîm arweinyddiaeth Trawsfynydd i gynnal ymwybyddiaeth sefyllfaol o faterion sy'n ymwneud â diogelwch niwclear, diogeledd, mesurau diogelu, trafndiaeth ac iechyd a diogelwch confensiynol, yn cynnwys: cydnerthedd y gweithlu, cydnerthedd y trefniadau argyfwng, cydnerthedd y gadwyn gyflenwi, diogelwch tân, digwyddiadau ar y safle a gweithgareddau sy'n digwydd ar y safle. Ni thynnwyd sylw ONR at unrhyw faterion arwyddocaol.

Rydym yn adolygu ein hymgysylltiadau â Thrawsfynydd ac yn ymwybodol bod angen cydbwyso cwblhau arolygiadau arfaethedig â rheolau COVID-19 Llywodraeth Cymru a'r ardal leol. Mae hyn yn cynnwys rhyngweithio rhywfaint drwy fideo-gynadledda, e-bost a ffôn (fel y bo'n briodol) er mwyn sicrhau'r presenoldeb corfforol gorau ar y safle.

Mae ONR yn parhau i fynychu Grŵp Tactegol Cyflwr Terfynol Trawsfynydd (TESTG) Magnox Limited's (ML) a chyfarfodydd technegol eraill i drafod gweithgareddau datgomisiynu'r safle, yn cynnwys paratodau ar gyfer dymchwel arfaethedig a gwaredu cyfadeiladau'r pyllau (PCDD), gostwng uchder (HR) Safestores (adeiladau'r Adweithydd) a rhaglen dreigl o ddatgomisiynu, a thaith i'r cyflwr terfynol.

Ym mis Mawrth, cwblhaodd ONR ei asesiad o adolygiad diogelwch cyfnodol (PSR) Trawsfynydd. Cadarnhaodd ein hasesiad bod PSR Trawsfynydd yn cefnogi parhad gweithrediadau. Rydym wedi ysgrifennu at Drawsfynydd i gadarnhau bod ONR yn cefnogi parhad y gwaith datgomisiynu ar y safle.

Cyfarfu ein harolygydd diogelwch safle enwebedig â chynrychiolwyr diogelwch Trawsfynydd yn ystod y cyfnod hwn (yn cynnwys cyd-gerdded adrannau o'r safle), i gefnogi eu swyddogaeth o gynrychioli gweithwyr a derbyn gwybodaeth am faterion sy'n effeithio ar eu hiechyd, diogelwch a lles yn y gwaith.

3. Materion nad ydynt yn Rhai Arferol

Mae'n ofynnol i ddalwyr trwydded gael trefniadau i ymateb i faterion a digwyddiadau nad ydynt yn rhai arferol. Mae ein harolygwyr ONR yn barnu a yw ymateb y dalwyr trwydded yn ddigonol, gan gynnwys y camau a gymerwyd i weithredu unrhyw wellianau angenrheidiol.

Ym mis Hydref 2021, adroddodd Trawsfynydd am achos posibl ar y safle o drosglwyddo Covid-19 ymysg nifer o aelodau ei weithlu. Ar y pryd roedd cyfradd yr haint yn uwch drwy'r gymuned leol i gyd, ond canfuwyd clwstwr lleol ar y safle. Adroddwyd y mater o dan Reoliadau Adrodd ar Anafiadau, Clefydau a Digwyddiadau Peryglus 2013 (RIDDOR). Ni chafwyd effaith ar y diogelwch gweithrediadol yn Nhrawsfynydd ac roedd ONR yn fodlon bod y safle'n parhau i weithredu ei drefniadau cwmni a luniwyd i ostwng y risg o drosglwyddo Covid ar y safle.

4. Gweithgarwch Rheoleiddio

Gallai ONR gyhoeddi dogfennau ffurfiol i sicrhau cydymffurfiaeth â gofynion rheoliadol. O dan amodau trwydded safle niwclear, mae ONR yn cyhoeddi dogfennau rheoleiddio, sydd naill ai'n caniatáu gweithgaredd neu'n gofyn am gymryd rhyw fath o gamau gweithredu; fel arfer gelwir y rhain ar y cyd yn 'Offerynnau Trwydded' (LIs) ond gallant fod ar ffurfiau eraill. Yn ogystal, gall arolygwyr gymryd amrywiaeth o gamau gorfodi, gan gynnwys cyhoeddi Hysbysiad Gorfodi.

Ni chyflwynwyd unrhyw LIs, Hysbysiadau Gorfodi na llythyrau Gorfodi yn ystod y cyfnod hwn.

Mae adroddiadau sy'n manylu ar benderfyniadau rheoleiddio i'w gweld ar wefan ONR ar <http://www.onr.org.uk/pars/>.

5. Newyddion gan ONR

I gael y newyddion a'r wybodaeth ddiweddaraf gan y Swyddfa Rheoleiddio Niwclear, darllenwch a thanysgrifiwch i'n cylchlythyr e-bost rheolaidd 'Newyddion ONR' ar www.onr.org.uk/onrnews

6. Cysylltiadau

Y Swyddfa Rheoleiddio Niwclear
Redgrave Court
Merton Road
Bootle
Glannau Mersi
L20 7HS
gwefan: www.onr.org.uk
e-bost: Contact@onr.gov.uk

Cyhoeddir y ddogfen hon gan y Swyddfa Rheoleiddio Niwclear (ONR). I gael rhagor o wybodaeth am ONR, neu i roi gwybod am anghysondebau neu anghywirdebau yn y cyhoeddiad hwn ewch i <http://www.onr.org.uk/feedback.htm>.

© Office for Nuclear Regulation, [2022]

Os hoffech aildefnyddio'r wybodaeth hon ewch i www.onr.org.uk/copyright.htm i gael manylion.

Cyhoeddwyd 04/22

Ar gyfer dogfennau cyhoeddedig, y copi electronig ar wefan ONR yw'r fersiwn mwyaf cyfredol sydd ar gael i'r cyhoedd o hyd ac mae copïo neu argraffu'r ddogfen hon yn golygu nad oes rheolaeth arni.