



# Office for Nuclear Regulation (ONR) Site Report for Trawsfynydd

Report for period 1 October 2017- 31 March 2018

## 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 quarterly to members for the Trawsfynydd Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/lc/>).

Site inspectors from ONR usually attend Trawsfynydd Site Stakeholder Group meetings and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact ONR.

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## 1 INSPECTIONS

### 1.1 Dates of inspection

The ONR site inspector, supported by ONR specialist inspectors, made inspections on the following dates during the period:

- 9-11 October 2017: Licence Condition 26, 28 and 36 compliance inspections.
- 29 January -1 February 2018: System- based inspection of fuel element debris storage and retrievals and Licence Condition 12, 16, 22 and 35 compliance inspections.
- 31 January 2018: An ONR fire safety specialist inspector undertook a Regulatory Reform (Fire Safety) Order 2005 compliance inspection.

## 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 1999 (IRR99) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).

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. 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:

- organisational changes
- modifications to plant, equipment and safety cases
- plant construction and/or commissioning
- emergency preparedness
- radioactive waste management
- incidents on site

In general, ONR judged the arrangements made and implemented by the site in response to safety requirements to be adequate in the areas inspected. However, where improvements were considered necessary, the licensee made satisfactory commitments to address the issues, and the site inspector will monitor progress during future visits. Where necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

The site inspector held a periodic meeting with safety representatives, to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

In this period an ONR nuclear liabilities specialist inspector attended two site meetings of the Trawsfynydd End State Tactical Group (TESTG). This is a 'Lead & Learn' group set up to identify and seek resolution of any issues and blockers found to undermine and challenge the definition and effective delivery of the Trawsfynydd end state programme.

### **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. There were no such matters or events of significance during the period.

### **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 issue Enforcement Notices to secure improvements to safety. No Enforcement Notices or Lis were issued during the period.

Reports detailing the basis for 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 updates from ONR visit the website and sign up for our ebulletin (<http://www.onr.org.uk/ebulletin/index.htm>).

In January 2018, ONR received the results of its first external stakeholder survey which was undertaken by YouGov on behalf of ONR. A broad range of stakeholders were invited to participate in an online survey, with 351 responses received. In addition to the online survey, a number of in depth interviews were also completed with stakeholders. While overall the results demonstrate ONR is seen as a high performing organisation with good levels of stakeholder confidence, there are areas where improvements can be made and we will be working with our divisions on those in the coming months. Further details about the survey results can be found in our March 2018 newsletter which is available on ONR's website.

In February 2018, ONR held its first webinar following the publication of the 'Guide to enabling regulation in practice.' Chief Nuclear Inspector, Mark Foy and Deputy Chief Inspector, Mike Finnerty, were on hand to answer questions about the guide which has been designed to illustrate working examples of enabling regulation in practice. This is a new channel of communication for ONR and we'll be holding further webinars on different topics over the coming months. If you would like to join future webinars then please get in touch with the ONR Communications team via [contact@onr.gov.uk](mailto:contact@onr.gov.uk)

In March 2018, ONR held the first of two meetings this year with representatives from across the NGO community. Held in Birmingham, the meeting was attended by 15 NGO representatives from 11 different organisations. Topics discussed included: Domestic Safeguards pending the withdrawal of the UK from Euratom; Emergency Planning Arrangements; and the ONR Stakeholder Survey results. The next meeting is scheduled to take place in October 2018. We are keen to increase the number of people engaging with ONR on nuclear safety and security issues and would like to invite members of SSGs, and LLCs to join our engagement programme. For more details please get in touch via [contact@onr.gov.uk](mailto:contact@onr.gov.uk)

## 6 CONTACTS

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# Swyddfa dros Reoli Niwclear (ONR) Adroddiad Safle ar gyfer Trawsfynydd

Adroddiad ar gyfer y cyfnod 1 Hydref 2017- 31 Mawrth 2018

## Rhagair

Cyflwynir yr adroddiad hwn fel rhan o ymrwymiad ONR i sicrhau bod gwybodaeth ynghylch archwiliadau a gweithgareddau rheoliadol sydd yn berthnasol i'r safle uchod ar gael i'r cyhoedd. Caiff adroddiadau eu dosbarthu pob chwarter i aelodau Grŵp Rhanddeiliaid Safle Trawsfynydd ac maent ar gael hefyd ar wefan ONR (<http://www.onr.org.uk/lc/>).

Gan amlaf mae archwilwyr o'r ONR yn mynychu cyfarfodydd Grŵp Rhanddeiliaid Safle Trawsfynydd a byddant yn ymateb i unrhyw gwestiynau a godir yno. Dylai unrhyw berson sy'n dymuno gwneud ymholiadau ynghylch materion yn yr adroddiad hwn gysylltu ag ONR.

## CYNNWYS

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## 1 ARCHWILIADAU

### 1.1 Dyddiadau'r archwiliad

Roedd archwiliwr safle ONR, wedi'i gefnogi ein harchwilwyr ONR arbenigol, wedi cynnal archwiliadau ar y dyddiadau canlynol yn ystod y cyfnod:

- 9-11 Hydref 2017: Amod Trwydded 26, 28 a 36 archwiliad cydymffurfio.
- 29 Ionawr -1 Chwefror 2018: Archwiliad ar sail system o storio gweddillion elfennau tanwydd ac adalwadau ac Amod Trwydded 12, 16, 22 a 35 archwiliad cydymffurfio.
- 31 Ionawr 2018: Cynhaliodd arbenigwr diogelwch tân archwiliad cydymffurfio Gorchymyn Diwygio Rheoleiddio (Diogelwch Tân) 2005.

## 2 MATERION RHEOLAIDD

### 2.1 Archwiliadau

Cynhelir archwiliadau fel rhan o'r broses ar gyfer monitro cydymffurfio gyda:

- yr amodau atodir gan ONR ynghlwm wrth y drwydded safle niwclear a gyflwynwyd 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 dan HSWA74, er enghraifft Rheoliadau Ymbelydriadau Ïoneiddio 1999 a (IRR99) a Rheoliadau Rheoli Iechyd a Diogelwch yn y Gwaith 1999 (MHSWR99).

Mae'r archwiliadau yn galw am fonitro gweithgareddau'r deiliad trwydded ar y safle mewn perthynas â digwyddiadau, gweithrediadau, cynnal a chadw, prosiectau, addasiadau, newidiadau mewn achosion diogelwch ac unrhyw faterion eraill a all effeithio ar ddiogelwch. Disgwylir i'r deiliad trwydded weithredu trefniadau digonol yn unol â'r amodau sydd ynghlwm wrth y drwydded er mwyn sicrhau cydymffurfio cyfreithiol. Bydd archwiliadau yn mesur digonoldeb y trefniadau hyn a'u gweithrediad.

Yn y cyfnod hwn, roedd archwiliadau rheolaidd Trawsfynydd wedi ystyried y canlynol:

- newidiadau sefydliadol
- addasiadau i gyfarpar, offer ac achosion diogelwch
- saernïaeth cyfarpar a/neu gomisiynu
- parodrwydd ar gyfer argyfwng
- rheoli gwastraff ymbelydrol
- digwyddiadau ar y safle

Yn gyffredinol roedd ONR o'r farn bod y trefniadau a wnaed ac a weithredwyd gan y safle mewn ymateb i'r gofynion diogelwch yn ddigonol yn y meysydd a archwiliwyd. Fodd bynnag, lle ystyrid bod angen gwneud gwelliannau, gwnaeth deiliad y drwydded ymrwmiadau boddhaol i fynd i'r afael â materion, a bydd archwiliwr y safle yn monitro cynnydd yn ystod ymweliadau yn y dyfodol. Ble bydd angen, bydd ONR yn cymryd camau gorfodi rheoliadol ffurfiol i sicrhau bod camau adferol yn cael eu gweithredu i derfynau amser rhesymol ymarferol.

Cynhaliodd archwiliwr y safle gyfarfod cyfnodol gyda chynrychiolwyr diogelwch, i gefnogi eu swyddogaeth o gynrychioli gweithwyr a derbyn gwybodaeth ar faterion yn effeithio ar eu hiechyd, diogelwch a lles yn y gwaith.



Yn y cyfnod hwn roedd archwiliwr sydd yn arbenigo ar atebolrwyddau niwclear wedi mynychu dau gyfarfod safle o Grŵp Tactegol Cyflwr Terfyn Trawsfynydd (TESTG). Grŵp 'Arwain a Dysgu' yw hwn sydd wedi'i sefydlu i adnabod a cheisio datrys unrhyw faterion a rhwystrau a ganfyddir i danseilio a herio diffiniad a throsglwyddo cyflwr terfyn effeithiol ar raglen Trawsfynydd.

### 3 MATERION NAD YDYNT YN RHEOLAIDD

Gofynnir i ddeiliaid trwydded baratoi trefniadau er mwyn ymateb i faterion a digwyddiadau nad ydynt yn rheolaidd. Mae archwiliwr ONR yn ystyried digonoldeb ymateb y deiliad trwydded, yn mynegi barn ar ddigonoldeb ymateb y deiliad trwydded, gan gynnwys yr hyn a wnaed i roi unrhyw welliannau hanfodol ar waith. Nid oedd unrhyw fater na digwyddiadau arwyddocaol o'r math hyn yn ystod y cyfnod.

### 4 GWEITHGAREDD RHEOLIADOL

Gall ONR gyflwyno dogfennau ffurfiol i sicrhau cydymffurfio â gofynion rheoliadol. Dan amodau trwydded safle niwclear, mae ONR yn cyflwyno dogfennau rheoliadol, sydd naill ai'n caniatáu gweithgaredd neu'n galw am i ryw fath o weithredu ddigwydd; gan amlaf caiff y rhain eu galw'n 'Offer Trwydded' (LIs), ond weithiau byddant ar ffurf arall. Yn ogystal, gall archwiliwr gyflwyno Hysbysiad Gorfodi i sicrhau gwelliannau i ddiogelwch. Ni chyflwynwyd yr un Hysbysiad Gorfodi nac LI yn ystod y cyfnod.

Gellir gweld adroddiadau yn manylu ar y sail ar gyfer penderfyniadau rheoliadol ar wefan ONR: <http://www.onr.org.uk/pars/>.

### 5 NEWYDDION ODDI WRTH ONR

I weld y newyddion diweddaraf a diweddariadau oddi wrth ONR ewch i'r wefan a llofnodi ar gyfer ein e-fwletin (<http://www.onr.org.uk/ebulletin/index.htm>).

Yn Ionawr 2018, derbyniodd ONR ganlyniadau eu harolwg rhanddeiliaid cyntaf a gynhaliwyd gan YouGov ar ran ONR. Gwahoddwyd ystod eang o randdeiliaid i gyfrannu i arolwg ar-lein; derbyniwyd 351 ymateb. Yn ogystal â'r arolwg ar-lein, cynhaliwyd nifer o gyfweiliadau trylwyr gyda rhanddeiliaid. Tra bod y canlyniadau fel cyfanrwydd yn dangos bod ONR yn cael ei weld fel sefydliad perfformiad uchel gyda lefelau da o hyder ymhlith rhanddeiliaid, mae yna feysydd lle gellid gwneud gwelliannau a byddwn yn gweithio gyda'n hadrannau ar y rhain yn y misoedd i ddod. Ceir manylion pellach ynghylch canlyniadau'r arolwg yn newyddlen mis Mawrth sydd ar gael ar wefan ONR.

Yn Chwefror 2018, cynhaliodd ONR ei webinar cyntaf yn dilyn cyhoeddi'r 'Guide to enabling regulation in practice.' Roedd y Prif Archwiliwr Niwclear, Mark Foy a'r Dirprwy Brif Archwiliwr, Mike Finnerty, wrth law i ateb cwestiynau ynghylch y canllaw sydd wedi'i gynllunio i ddangos enghreifftiau o alluogi rheoliadol yn ymarferol. Dyma sianel gyfathrebu newydd i ONR a byddwn yn cynnal webinarau pellach ar bynciau gwahanol dros y misoedd i ddod. Os hoffech chi ymuno mewn webinarau yn y dyfodol, cysylltwch â thîm Cyfathrebu ONR trwy [contact@onr.gov.uk](mailto:contact@onr.gov.uk)

Ym mis Mawrth 2018, cynhaliodd ONR y cyntaf o ddau gyfarfod eleni gyda chynrychiolwyr ar draws y gymuned NGO. Denodd y cyfarfod, a gynhaliwyd yn Birmingham, 15 o gynrychiolwyr NGO o 11 sefydliad gwahanol. Roedd y pynciau yn cynnwys: Diogelu Domestig tra'n aros i'r DU adael Euratom; Trefniadau Cynllunio ar gyfer Argyfwng; a chanlyniadau Arolwg Rhanddeiliaid ONR. Bwriedir cynnal y cyfarfod nesaf ym mis Hydref 2018. Rydym yn awyddus i gynyddu'r nifer o bobl sy'n ymwneud ag ONR ar ddiogelwch niwclear a materion diogelwch a hoffem wahodd aelodau o SSGs, a LLCs i ymuno â'n rhaglen ymrwymiad. Ceir manylion pellach ar [contact@onr.gov.uk](mailto:contact@onr.gov.uk)

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Cyhoeddwyd Mai 2018

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