

Press release: North East youngster's winning design for flood wardens

A Sunderland youngster flooded with creativity has designed a winning logo for the region's Flood Wardens.

The Environment Agency hosted a special assembly at Hetton Lyons Primary School to present year 5 pupil Sally Lockey with a flood warden jacket.

Her design beat more than 300 submitted across the north east and will now be printed on all of the new blue flood warden jackets in the region.

And the new logo will also be printed on pavements outside north east schools with Rainworks spray – an invisible spray which will only show the logo when it rains.

It means pupils at the school will be reminded of the importance of being floodaware at key times.

Coun. James Blackburn, Hetton Town Mayor David Wallace, and flood wardens from Durham were at the special assembly to congratulate the youngster.



Winner Sally Lockey with her logo design

Important job for youngsters

Taryn Al-Mashgari, Flood Community Engagement Officer who covers the Tyne and Wear area, said:

The winning logo will be worn by flood wardens right across the north east so it was an important job for these youngsters.

We got more than 300 entries, which is fantastic, and it was tough for the judging panel. But the winning logo incorporated all of the aspects of a flood warden and that's why we chose it.

We're working closely with schools to make sure young people understand what it means to be flood resilient and how they can be prepared, so that communities are prepared for future generations.

We've talked to them about the importance of flood wardens and what they do and it's been fun for the children to come up with this new design.



L-R: Taryn Al-Mashgari, Environment Agency; Flood warden Margaret Horseman; Mayor David Wallace with the flood emergency 'grab bag' given to the school; Flood warden Sue Williams, and Coun. James Blackburn, with logo design winner Sally Lockey wearing the flood warden jacket and with the new Rainworks stencil.

School presentations

Environment Agency Flood Engagement Officers gave presentations at schools across the north east during the competition to raise awareness of flooding with children and start them thinking about how to prepare for flooding.

Sarah Staward, Year 5 teacher at the school, added:

The children really enjoyed learning about flooding and the role and qualities of the Environment Agency flood wardens. The competition also supports our work as an eco-school.



Flood wardens are community volunteers who support their communities during flooding incidents – including activating a community's flood action plan, ensuring the most vulnerable in their community are safe and working closely with the Environment Agency.

Flood warden Sue Williams, who congratulated Sally at the assembly, said:

These new flood warden jackets are excellent as the blue colour identifies us as flood wardens and distinguishes us from organisations at the scene. The winning symbol is fantastic and captures everything about our role.

[Communities are urged to check their flood risk and find out how they can prepare for flooding](#)

[**Research and analysis: GDA of Hitachi-GE Nuclear Energy Ltd's UK Advanced Boiling Water Reactor: final assessment reports**](#)

The Environment Agency and Natural Resources Wales have published 11 updated assessment reports and an independent dose assessment alongside their decision document.

In reaching their decision, they have identified 17 assessment findings. They expect future operators to address the findings during the detailed design, procurement, construction or commissioning phase of any new build project.

There are no unresolved generic design assessment (GDA) issues.

Read these assessment reports with the [decision document, summary document and statement of design acceptability](#).

[**Press release: Regulators approve new nuclear power station design**](#)

The UK Advanced Boiling Water Reactor (UK ABWR), designed by Hitachi-GE, is suitable for construction in the UK, the regulators confirmed today following completion of an in-depth assessment of the nuclear reactor design.

The Office for Nuclear Regulation (ONR), the Environment Agency and Natural Resources Wales, the regulators who undertake the Generic Design Assessment of new reactor designs, are satisfied that this reactor meets regulatory expectations on safety, security and environmental protection at this stage of the regulatory process.

ONR has issued a Design Acceptance Confirmation (DAC) and the environment agencies have issued a Statement of Design Acceptability (SoDA) to Hitachi-GE.

Horizon Nuclear Power is proposing to build and operate two of these reactors

in Wylfa Newydd on Anglesey and Oldbury-on-Severn near Thornbury in South Gloucestershire.

Dr Jo Nettleton, Deputy Director for Radioactive Substances and Installations Regulation at the Environment Agency said:

We've concluded that the generic design of the UK ABWR should be capable of meeting the high standards of environment protection and waste management that we require in the UK. We only came to this conclusion after carefully reviewing the submissions provided by Hitachi-GE and their responses to the questions and issues we raised. We've also carefully considered all the comments we received from people during our public consultation and we're grateful for all who took part for taking time to respond.

Mark Foy, ONR's Chief Nuclear Inspector said:

The completion of the generic design assessment of the UK ABWR is a significant step in our regulation of the overall process to construct this type of reactor in the UK, ensuring that the generic design meets the highest standards of safety that we expect in this country. We're already working on our assessment of Horizon's site licence application and on the development of the site specific safety case to progress, in due course, the construction and operation of these reactors at Wylfa Newydd.

Tim Jones, Natural Resources Wales's Executive Director for North and Mid Wales, said:

It is our job to ensure that any new nuclear power station will meet high standards of environmental protection and waste management, ensuring that our communities and environment are kept safe.

Following a public consultation on our initial findings, we have concluded that the UK ABWR design is acceptable. We will now work on the detailed assessments of the permits, licences and consents that Horizon Nuclear Power will need to have in place to build Wylfa Newydd.

The regulators have documented progress of each stage of their assessment through a series of [reports](#).

ENDS

Notes to editors

1. The regulators began assessment of Hitachi-GE's UK ABWR in 2013.
 2. Generic Design Assessment (GDA) is a joint process between the Office for Nuclear (ONR) Regulation, Environment Agency and Natural Resources Wales (NRW).
 3. The Office for Nuclear Regulation is the nuclear safety and security regulator for the UK.
 4. The [Environment Agency](#) and [Natural Resources Wales](#) are the environmental regulators of nuclear sites in England and Wales respectively.
 5. Information on Generic Design Assessment on the joint regulators' [website](#)
 6. All assessment reports, decision documents and a copy of the Design Acceptance Confirmation (DAC) and Statement of Design Acceptability (SoDA) are available online.
[Office for Nuclear Regulation](#)
[Environment Agency](#)
[Natural Resources Wales](#)
 7. The DAC and SoDA are valid for a period of ten years from issue and can be extended subject to review and agreement of the regulators. The Statement of Design Acceptability (SoDA) is being issued jointly by the Environment Agency and Natural Resources Wales. GDA applies to both England and Wales.
 8. The issuing of a DAC and SoDA does not mean that construction of a new nuclear power station can start. In addition to GDA the operator (Horizon Nuclear Power in this case) must obtain a nuclear site licence and relevant consents from ONR, environmental permits from the Environment Agency or Natural Resources Wales and planning permission (Development Consent Order) from the Department of Business, Energy and Industrial Strategy's Secretary of State.
<https://www.gov.uk/guidance/guidance-for-operators-of-new-nuclear-power-stations>
 9. Horizon Nuclear Power submitted an application for a Nuclear Site Licence to build and construct a UK ABWR power station at Wylfa Newydd to ONR in March 2017. ONR is in the process of assessing the application.
 10. Horizon Nuclear Power submitted an [application to NRW for a Radioactive Substances](#) Regulation environmental permit in November 2017.
 11. For more information, please contact the ONR press office on onr@onr.gov.uk or 020 3028 0505.
 12. For the Environment Agency media team contact newsdesk@environment-agency.gov.uk or 020 3025 5623
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Consultation outcome: Drinking water

quality: monitoring safety and quality of spring water and bottled drinking water

Updated: Summary of responses added.

We want to know what you think about plans to introduce risk-based sampling for monitoring the quality and safety of spring and bottled drinking water. These proposals would implement the measures in [EU directive 2015/1787](#).

We're also proposing to update the current methods of analysis.

Research and analysis: From waste to resource productivity: food waste

It explores the benefits and costs of reducing food waste in the UK and how policy-makers could do this.

Officials in the Government Office for Science wrote this paper based on consultation and seminars with:

- [Professor Sir Mark Walport](#), the former Government Chief Scientific Adviser
- [Professor Ian Boyd](#), the Chief Scientific Adviser of the Department for Environment, Food and Rural Affairs (Defra)
- experts from academia, industry, government and non-government organisations

The views expressed in this report do not represent Defra policy.

[Read the main report: 'From waste to resource productivity'.](#)