



Iwan Williams
Project Engineer
Age 32

What's your current role?

I'm a Project Engineer and have been involved in delivering the first phase of the archaeological investigations at the Wylfa Newydd site; this was an incredibly exciting project and Europe's biggest archaeology dig. I'm part of the construction oversight team, the tier 1 delivery team tasked with constructing Wylfa Newydd. We're currently developing our construction plans before we pour the first nuclear concrete into the site, which kick starts the building stage.

What did you study when you were at school and what qualifications do you have?

I left school in Porthmadog with 12 GCSEs (grades A-C) and was offered a full scholarship from Kansas City College, USA, where I played full-time football alongside my studies. I graduated with a degree in Business, before beginning my nuclear career at Trawsfynydd with Magnox. I've since earned qualifications in radiation protection and project management, and I'm completing a master's in Project Management.

Your career path so far...

I worked on numerous projects in the health physics department at Trawsfynydd, including de-planting and dismantling structures on site, providing radiation advice and contamination constraints. During a secondment at the Magnox Wylfa power station, I gained valuable experience working on both decommissioning sites and generating power stations. After spending five years specialising in health physics, I decided to change my career path and was offered a two-year secondment in a developmental role at Magnox's Berkeley site. After six months, I project managed and successfully delivered a multi-million-pound Radiological Waste Storage Facility. I then moved to Horizon, where I've worked since 2014.

Where do you see your career in 10 years' time?

My ambition is to gain a senior project management role at Horizon. I'd like to earn the responsibility in delivering major projects, in order to challenge my own competency and gain further invaluable experiences.

How did the knowledge you've gained through previous roles help you to get your job at Horizon?

I've been lucky to have worked on both de-commissioning and generating sites, which has been crucial in growing my breadth of technical knowledge and experience of the nuclear industry as a whole.

What are your top tips for somebody who wants a job in the nuclear industry?

- Concentrate on the STEM (science, technology, engineering and maths) subjects, if you're still studying. These are at the heart of our technical work and run throughout the Project.
- Developing core skills, such as communication, team working and problem solving, are so important, particularly when using very technical information and working with lots of teams.
- You must have ambition and the enthusiasm to 'spread your wings' within different departments and across the nuclear sector, so you can gain more experience in this exciting industry.