



# DAVID DE CAIRES WATSON

## NUCLEAR PROFESSIONAL

### ABOUT

David is an Irish/British chartered physicist who brings fresh thinking to the nuclear industry. He has ten years' experience in nuclear safety and four years' experience in nuclear energy policy and advocacy. He is also a capable coordinator and project manager with experience managing 20+ staff and €1mil+ projects. David is an outspoken nuclear advocate with broad knowledge of the energy and climate policy landscape in Europe. He understands the challenges faced by nuclear vendors and site licensees going through regulatory assessment, having supported UK EPR, UK ABWR, U-Battery and the Polish Nuclear Programme, including interacting with nuclear regulators. He has an international focus, speaking English, French and Spanish, and having supporting clients in Japan, France, the US, Poland and the UK.

### WORK EXPERIENCE

#### SENIOR SAFETY CASE ENGINEER

Jacobs | Jan 2020 - present

- Project management and safety analysis for Hinkley Point C (PWR, UK), ITER fusion project, Rolls Royce UK SMR and U-Battery (Gen IV, UK/Canada) including managing staff and external contractors.
- Review of climate policy and authoring of climate change environmental impact assessment chapter for Polish Nuclear Power Programme.

#### COUNCIL MEMBER

UK Next Generation Nuclear Industry Council | Jun 2020 - present

- Challenging the industry and government on implementation of UK Nuclear Sector Deal. Collaborating with Nuclear Industry Association and>NNL.

#### COMMUNICATIONS ADVISOR

Generation Atomic | Sep 2018 - present

- Launched a new online magazine providing entertaining, surprising and personal stories about nuclear power, with around 100k visits so far. David is Editor-in-Chief as well as a contributing author.
- Writing featured Nuclear Future, Sustainability Times and FT.
- Developed social media content to grow online following.
- Represents Generation Atomic at events like Canada-UK SMR Civil Society Roundtable at the Canadian High Commission in March 2020.

#### SENIOR SAFETY CASE ENGINEER

Jacobsen Analytics | Jun 2017 - Dec 2019

- Delivered probabilistic safety analysis (PSA) and fire modelling for EDF, Hitachi-GE UK ABWR, First Energy Beaver Valley (US), ONR and BEIS.

#### SAFETY ENGINEER

Atkins | Sep 2011 - May 2017

- Hazards and fire safety analysis for nuclear clients based in UK, France and Japan, incl leading internal hazards during UK ABWR GDA.

### PROFESSIONAL SKILLS

European energy & climate policy  
Nuclear technology & licensing  
PWR (HPC, SZB, Beaver Valley)  
BWR (UK ABWR)  
HTGR/TRISO (U-Battery)  
Fusion (ITER)  
Managing €1mil+ projects  
Safety & environmental analysis  
Persuasive & technical writing  
Risk communication  
Social media

### EDUCATION

MPhys, Physics with Study in Europe  
University of Manchester (1st)  
2007 - 2011  
Sorbonne University  
2009 - 2010 (ERASMUS)

### LANGUAGES

Native English  
Fluent French  
Fluent Spanish

### CONTACT

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### SOCIAL

medium.com/@DavidWatsonBlog  
linkedin.com/in/davidjohnwatson/  
twitter.com/ecopragmatist