

NUCLEAR DECOMMISSIONING

Technical Expertise and Innovation



Consulting

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MEETING THE CHALLENGE

Hyder Consulting is a leading provider of management advisory, technical and environmental consultancy services for infrastructure and construction initiatives worldwide.

The NDA aim to accelerate the decommissioning of the UK's current fleet of nuclear power stations. This target, fully supported by Hyder, requires innovative technology to address reduction of waste volumes, promote effective recycling and minimise impacts on the environment and local communities.

Hyder have formed a partnership with nuclear specialist Bradtec to provide the expertise to meet the challenge. Together, with over 3200 technical staff, our multi-disciplinary team supports decommissioning of nuclear power and defence facilities whatever the scale.

Core Services:

Technical expertise and innovation to achieve decommissioning solutions:

- Process Chemistry
- Environmental Services
- Environmental Planning
- Contaminated Land Assessment & Remediation
- Waste Management & Minimisation
- Resource Efficiency
- Transport Planning
- Civil & Structural Engineering
- Marine Engineering & Modelling
- Flood Risk and River Modelling
- Project Appraisal & Design
- Project Management
- Cost Consultancy
- Regulatory Advice
- Socio-Economic Support
- Stakeholder Engagement & Consultation
- Business & Financial Planning

Specialist Nuclear Services:

- Graphite Management
- Uranium & Fuel Chemistry
- Sodium & NaK Chemistry
- Chemical Decontamination
- Waste Minimisation
- Metal Recycling
- Ion Exchange/ Radionuclide Capture
- Magnox Dissolution

Our Clients:

Amersham International, Atomic Energy of Canada, AWE Aldermaston, BNFL, British Nuclear Group, Devonport Management Ltd (DML), EON, EPRI, MOD/ Defence Estates, Nuclear Decommissioning Authority (NDA), Studsvik Radwaste, Euro-Nuclear Services Ltd, UKAEA



Hyder and Bradtec offer engineering, environmental, management and specialist nuclear consultancy services.

Nuclear Industry Experience:

Hyder has an impressive track record delivering nuclear related projects to the power, research & defence sectors:

- Graphite Management Planning
- Transportation of ILW
- Magnox FED Disposition
- DFDX Process Applications
- Oldbury PS Consultation Study
- Oldbury PS Lagoons Consultancy
- Berkeley PS Stakeholder Consultation
- Dounreay Fuel Store
- UKAEA Harwell Term Commission
- Hinkley Point Term Commission
- ILW Store, HMNB Devonport
- Trident Fuel Transfer Route Services
- Nuclear Services Manuals, Devonport
- Safety Case Development, Devonport
- RNAD Coulport Extensions for Trident
- Magnox Electric PPC Permitting
- Dewatering Trident Devonport
- United Utilities Aldermaston Framework

CASE STUDIES

EPRI DFDX Process Applications

Hyder were commissioned to appraise the DFDX process and assess potential applications for decommissioning.

Berkeley End State Consultation

Leading consultation exercise for seeking community and stakeholder opinion on the End State.

Graphite Management Plan

Study to reappraise the strategy for managing graphite focusing on existing, innovative and cost effective disposal methods.

Bradtec Decon Technologies

An international leader in the field of waste minimisation and recycling for the nuclear industry. Bradtec promotes cutting edge technologies to enable early decommissioning of power and research facilities and played a key role in US decommissioning. Bradtec's principals are inventors or co-inventors of 15 nuclear technology patents.



Hyder Consulting (UK) Limited

Registered Office

29 Bressenden Place
London SW1E 5DZ
Tel: +44 (0) 870 000 3006
Fax: +44 (0) 870 000 3906

Other UK Offices

Belfast
Berkhamsted
Birmingham
Bristol
Cardiff
Cobham
Droitwich
Dublin
Edinburgh
Great Missenden
Guildford
Isle of Man
Maidstone
Plymouth
Port Talbot
Stroud
Warrington

Regional Offices

Germany
Dubai
Singapore
Hong Kong
Australia

www.hyderconsulting.com

For further information please contact:-

Nuclear Decommissioning
Hyder Consulting (UK) Limited
28 Barnfield Road
Exeter EX1 1RX
Tel: +44 (0) 870 000 3012

nuclear.decommissioning@hyderconsulting.com