

BRITISH ENERGY GENERATION LTD

**Thermal Modeller
Structural Integrity Services Branch
Barnwood Office**

VACANCY REF NO. BWD/166953

British Energy is now part of EDF Energy, one of the UK's largest energy companies. The combined business is the UK's leading generator, supplier and distributor of low carbon energy. We produce almost one-quarter of the nation's electricity from our nuclear, coal and gas power stations, wind farms, and combined heat and power plants. We have a focus on safe, dependable energy generation and an ethos of service excellence. Together we intend to play a leading role in new nuclear build in the UK and secure a bright future for the combined business and its employees.

Structural Integrity Services Branch (SISB) is part of Engineering Services within British Energy's Central Engineering function. SISB provides central technical support on structural integrity and thermo-fluids issues across British Energy. The principal customers are the existing nuclear power stations, but SISB also provides support to Nuclear New Build and other British Energy internal customers.

An opportunity has arisen within the Structural Assessment Group for a talented engineer with experience of and an interest in the application of thermo-fluids analysis to real plant problems.

Key responsibilities

The successful applicant will act within a small team to provide definitive advice on thermo-fluid conditions within our plant. To underwrite your advice you will be expected to both originate analysis and to manage work placed with our external partners.

You will need to demonstrate working experience of using various methods to solve heat transfer problems, including familiarity with all modes of heat transfer, thermodynamics and computational fluid dynamics.

Consideration will also be given to candidates with an appropriate technical background but without the specialist experience provided that they can demonstrate strong potential.

Educated to degree level or equivalent in maths, engineering or physics you should have attained or be working towards membership of a relevant professional institute.

As you will be working as part of a team, strong interpersonal and communication skills will be essential.

The salary range for this role is between £35146 and £55357. The starting salary for this appointment will be within this range dependent on the successful candidate's existing salary, competence, experience and qualifications.

The successful candidate may be required by the company to undertake a role in the emergency scheme. This may necessitate the individual being on a standby rota. Appropriate payments in accordance with the Company Agreement would be made in the event that this is required.

You will receive on-going personal development opportunities within the role. If you believe you have the right skills, are highly motivated, able to operate autonomously and as part of a team, with the drive and commitment to succeed, then we would like to hear from you.

Applications

To apply, email your completed application form or CV and equal opportunities form to recruitment@british-energy.com quoting reference **BWD/166953**.

Closing date: 2 March 2010. Successful applicants will be contacted within 4 weeks.

British Energy is committed to being an equal opportunities employer.