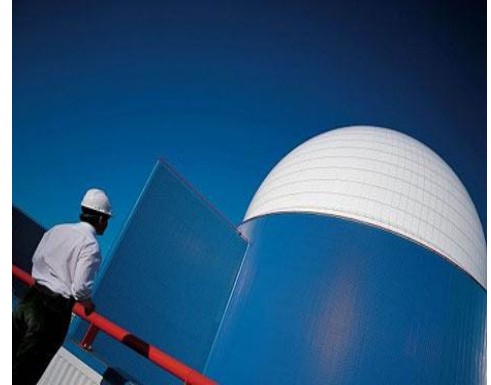
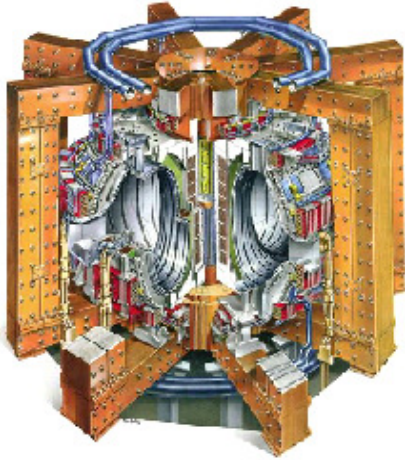


Rough Guide to Nuclear Power Generation 2010

Monday 10th May – Wednesday 12th May 2010



A three day technical seminar hosted at British Energy’s conference centre at Barnwood, Gloucester with visits to JET Fusion Reactor and Hinkley Point B power station.

Key Topics (TBC with Speakers)

- | | |
|--|---|
| Principles of electricity generation | Introduction to reactor physics |
| History of nuclear power development in the UK | Operational aspects of nuclear power generation |
| Nuclear power plant lifetime challenges | The economics of nuclear power |
| Use of nuclear reactors in research and medicine | Environmental impact of nuclear power |
| The nuclear fuel cycle | WANO and INPO |
| Generation IV designs | New Nuclear Build, an operator's perspective |

Key note speakers from Existing Nuclear Executive Team

JET, the Joint European Torus, is currently the world's largest Tokamak. The JET facilities include plasma heating systems capable of delivering up to 30 megawatts of power, an Active Gas Handling System and a beryllium handling Facility providing JET with a unique Tritium and Beryllium capability, respectively.

British Energy owns and operates Hinkley Point B, a twin Advanced Gas-cooled Reactor (AGR) power station, based on the Somerset coast, with an output of 860 MW electric each, operating at its currently reduced level of around 70% of full output. It started generating in Feb 1976 and is expected to be decommissioned in the year 2016, giving it an operation life of almost 40 year. This is also the site where EDF and British Energy plan to build the first new nuclear power station (EPR) in Britain for over 20 years.

To register interest please email – ygn@british-energy.com

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