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International Issues & Perspectives
Session T11

Current Challenges in
Nuclear Safety Regulation

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Regulatory Challenges

Regulating a changing industry

- Commercial Pressures
- Contractorisation
- Plant ageing
- Station closures
- Knowledge base

Regulatory Challenges

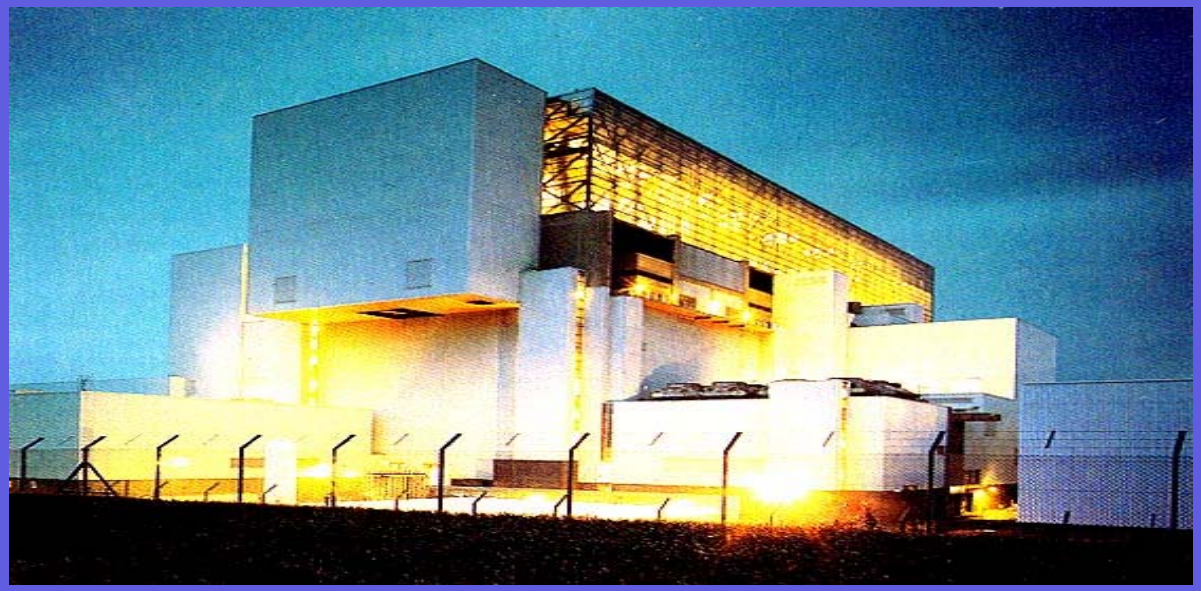
Commercial Pressures

- Drive to increase efficiency
- Reduction in staff numbers
- Safety culture

Regulatory Challenges

Contractorisation

- Increased use of contractors
- Loss of corporate knowledge
- Control and supervision
- SQEP



Regulatory Challenges

Plant Ageing

- Periodic safety reviews
- Application of modern standards
- Evaluation of life limiting factors
- Safety case knowledge base
- Material condition

Regulatory Challenges

Station Closures

- Staff morale
- Staff retention
- Decommissioning safety case
- Decommissioning programmes

Regulatory Challenges

Knowledge Base

- Declining industry fails to attract young staff
- Training and teaching facilities decline
- Research work reduces
- No knowledge basis to hand to decommissioning teams