

Structural Integrity Research

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Presentation to NuSAC SCR
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Nuclear Reactors: Plant Life Management (Steels) NRI

Topic Areas

- Development of stress analysis and fracture mechanics methods
- Characterisation of materials and fabrication
- Development and validation of inspection techniques

Nuclear Chemical Plant: Plant Materials (Steels)



Topic Areas

- Dissimilar metal transition joints exposed to plutonium nitrate
- Corrosion in highly active liquor storage
- Fuel clad corrosion
- ILW storage drums

Structural Integrity Research: Presentations



- Assessment Techniques – British Energy
- Materials Performance – BNG Sellafield
- Non-Destructive Examination – BNG Magnox