

A new high active facility at BNFL's Technology Centre, Sellafield

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Research and Technology



- Underpinning Technology Requirements

Thermal Oxide
Reprocessing Plant

Vitrification Plants

Drigg - Low Level
Waste
Sellafield MOX Plant

Intermediate Waste
Encapsulation Plants

Decommissioning

Solvent Treatment
Plant



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Research and Technology



- Enhanced Ability to Support Company
Internationalisation

Global
Clean- Up
Skills

Provision of
Advanced
Fuels

Advanced
Reprocessin
g
Technology



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BNFL Technology Centre - Vision BNFL

- An environment which promotes a forward looking innovative culture
- Create a positive image to customers and potential collaborators
- Allow for future expansion
- Efficient space management
- Value for money
- Enhanced capability

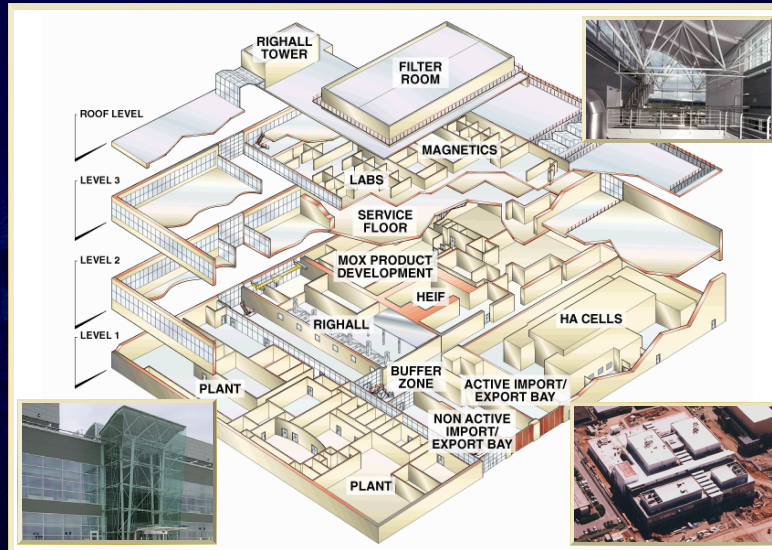
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Functionality BNFL

- Offices
- Laboratories
- Rig Hall
- HA Cells
- Import/Export Facility
- Conferencing Facility
- Interaction area
- Services Infrastructure

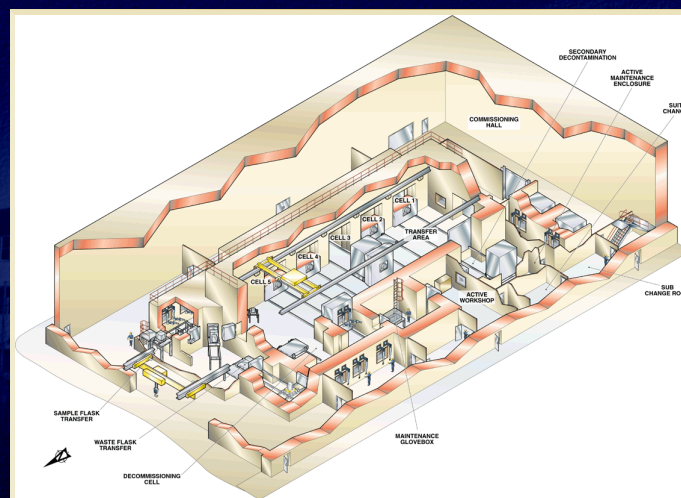
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Building Overview



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BTC HA Cell

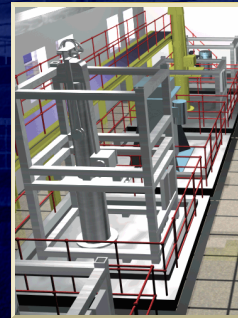
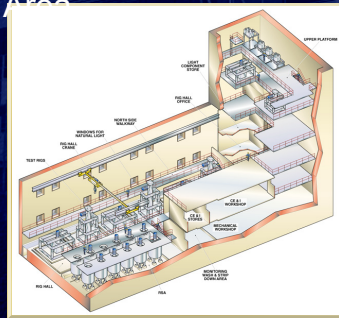


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Rig Hall



- 25m Tower
- Rig Bays
- Reagent Storage Area
- Work Shop
- Service Ring Main
- Dismantling Area

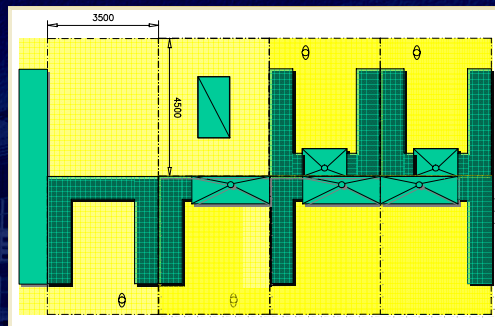


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Laboratories



- Plan View



- Modular Design
- Flexible Services
- IT Flood Wired
- 14m² module
- 1.5m Wide Fume Hood

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Laboratories



- Open Plan
- Natural Light
- FO

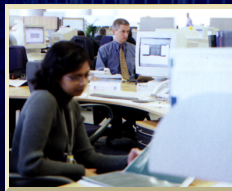
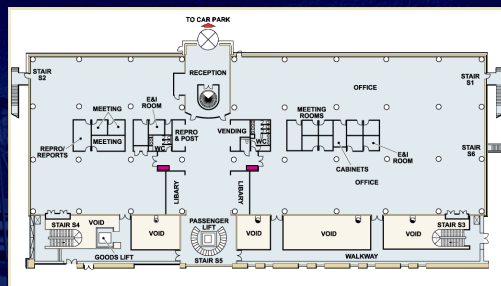


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Open Plan Offices - 1



- Desk Size 2m²
- Area per person 12.8m²
- Filing Space 3.6 Linear Metres



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Open Plan Offices - 2



- Flood wired for IT
- Common standard
- Informal meeting areas
- Formal meeting areas
- 243 work stations
- Archive Principal

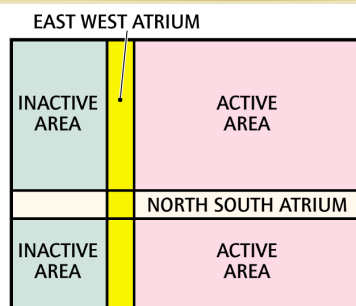


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Circulation Areas



East West
Atrium



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Summary



- Created an environment which promotes a forward looking innovative culture
- Created a positive image to customers and potential collaborators
- Increased Functionality
- Increased Flexibility
- Introduction of new processes
- Efficient space management