



Magnox

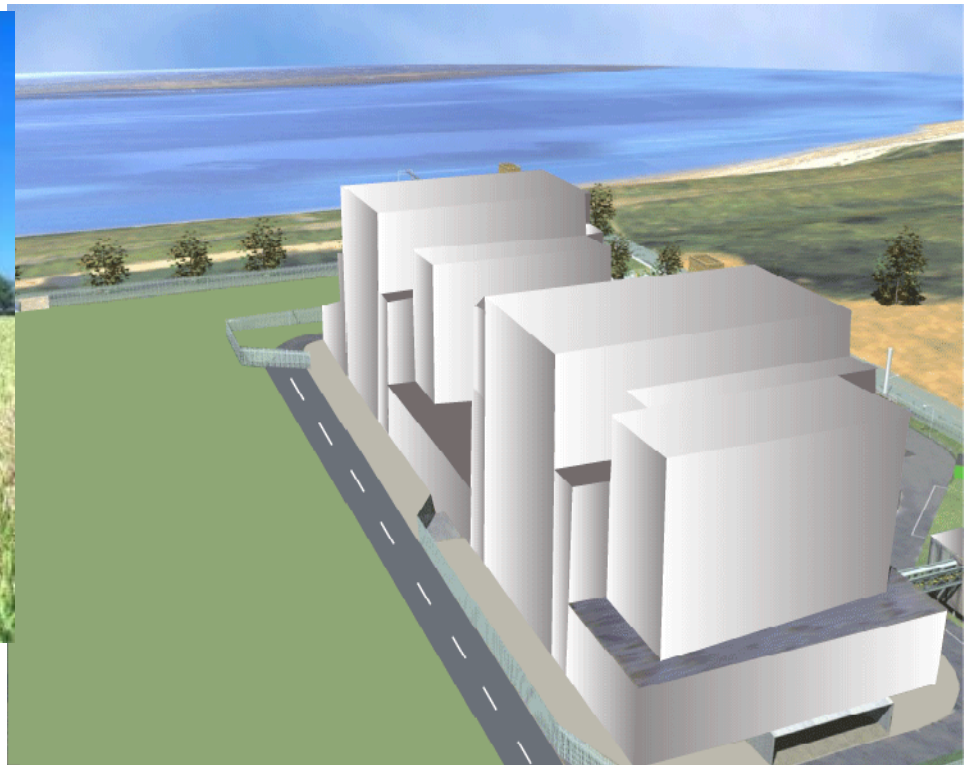
Supply Chain Strategy



Who are Magnox ?



The objective





Berkeley Reactor Buildings



Lifecycle of the sites



Generation



Defuelling



Care and maintenance preparations

Care and maintenance



Final site clearance



Berkeley

Bradwell

Dungeness

Hinkley

Sizewell

Chapelcross

Hunterston

Oldbury

Trawsfynydd

Wylfa



Hazard reduction in safe hands

World class safety record – winning our sector RoSPA award two years running.

£2.5bn funding from 2011 to 2015

£350m supply chain spend per annum



Berkeley

Bradwell

Dungeness

Hinkley

Sizewell

Chapelcross

Hunterston

Oldbury

Trawsfynydd

Wylfa



Magnox Optimised Decommissioning Plan

- **Extending the life of Wylfa and Oldbury, worth £300M+**
- **Remove the biggest hazard by delivering the spent fuel to Sellafield**
- **Getting Bradwell and Trawsfynydd into C&M**
 - **Implement programmes and key initiatives**
 - **Berkeley vaults, Pond Emptying**
 - **ILW retrieval, FED dissolution**

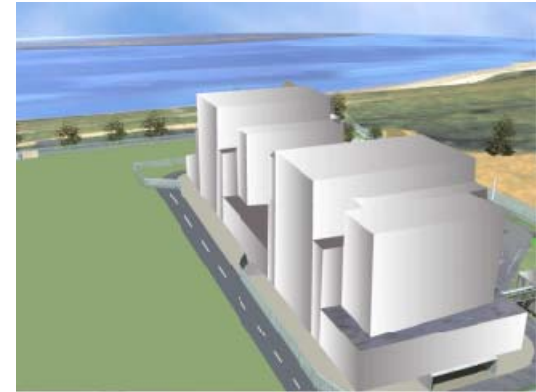




Early Care and Maintenance Program



Case for Early C&M



- **Significant cost savings**
- **C&M Phase achieved 12 years earlier**
- **Reduces NDA expenditure from 2015**
- **Provides robust underpinning for decommissioning Magnox estate**
- **Eliminates cost of maintaining ageing infrastructure**



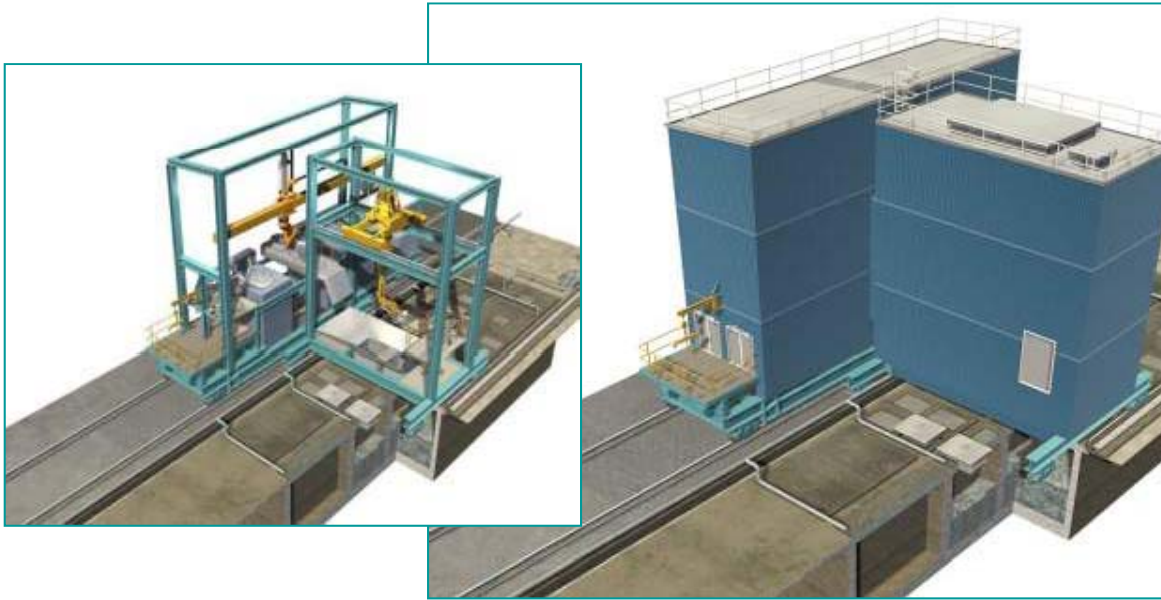
Four Steps to Early Care and Maintenance



Step 1
Ponds decontamination,
sealed and structure
removed or capped



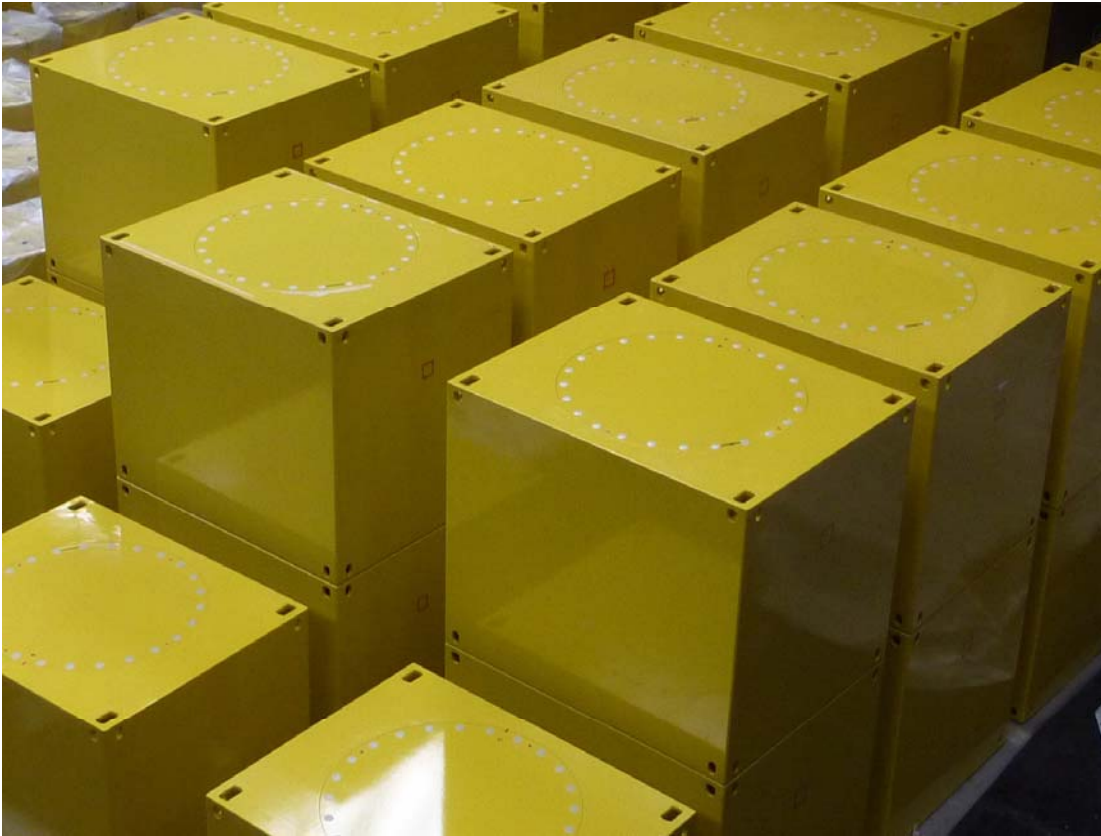
Four Steps to Early Care and Maintenance



Step 2
FED Treatment
and Vault
decontamination



Four Steps to Early Care and Maintenance



Step 3
Resin, sludge and
desiccant retrieved,
packaged
in MiniStores,
stored in
Warehouses

Four Steps to Early Care and Maintenance



Step 4

Site buildings and structures removed,
Turbine building
Demolished,
Boilers left in place,
Reactor building
Deplanted,
Site passively safe

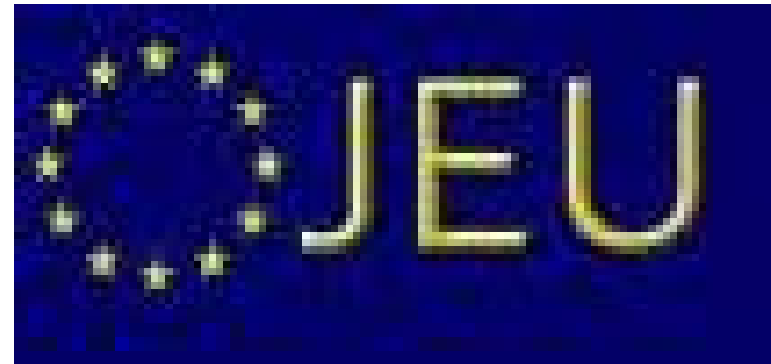
The Commercial Strategy to Deliver MODP

- Fewer transactions, buy once/use many times
- Fewer contracts, develop longer relationships
- Results focussed contracts with Strategic delivery partners via use of Framework Agreements



Routes to market





& Collaborative Procurements, Government Procurement Service Frameworks



Or as a tier III

Here is a list of top contractors -

- **Capita Resourcing**
- **Costain**
- **Jacobs**
- **Babcock Nuclear**
- **Promanaex**
- **Serco**
- **Eurest**
- **Radwise**
- **Amec**
- **Hertel**
- **Deborah Services**
- **Kitsons Environmental**
- **National Nuclear Laboratory**
- **CSC Computer Sciences**
- **Doosan Power Systems**
- **AMCO Engineering**



Current opportunities

Recent awards, future procurements -

- Deplanting, Demolition & Asbestos framework
- MECs
- Construction, Infrastructure & Enablers
- Facilities Management framework



Point of contact

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Thanks for
listening,
get in touch

