



OPERATIONS & MAINTENANCE

Lesedi's in-house maintenance services division was established to perform outage maintenance work at Koeberg Nuclear Power Station.

Since 2006, Lesedi's operations and maintenance has extended into the industrial power segments. Comprehensive operating and maintenance manuals are generated for power plants and their equipment, including formalised training programmes for staff responsible for operating and maintaining the plant after takeover.

Whether provided as stand-alone services or part of a suite of services supporting project delivery and operation, Lesedi's O&M services assist clients in protecting vital and valuable infrastructure assets and extending their operational life.

We perform extended operations and activities for other nuclear plants as well as other sectors, including hydro and O&G assets.





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INTERNATIONAL NUCLEAR SERVICES

Provision of personnel globally enables Lesedi to:

- Retain and maintain certified and authorised nuclear skills for Koeberg
- Recruit and train additional resources
- Assemble a core international team of 40 people
- Assemble a local South African team of 130 people
- Make substantial upfront financial commitments for training
- Offer planned and unplanned maintenance

USA
Calvert Cliffs,
Diablo Canyon,
Turkey Point,
Callaway, Salem,
Kewaunee, Millstone,
Davis-Besse,
Shearon Harris, Catawba,
Surrey, HB Robinson



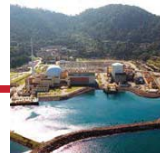
UK
Sizewell B1

France
Joumont

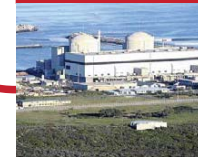
Spain
Confrentes
Vandellos
Garona



Brazil
Angra 1



South Africa
Koeberg

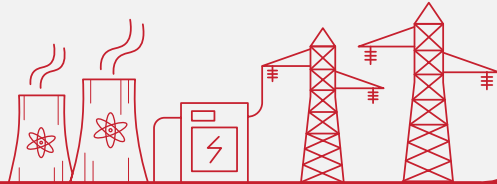




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LESEDI'S INTERNATIONAL NUCLEAR SERVICE PACKAGES INCLUDE:

- **Valve and pump maintenance:**
Maintenance of nuclear valves, conventional valves and pumps located on the nuclear island, balance of nuclear island and non-nuclear areas.
- **Refuelling:**
Fuel handling, preventative maintenance checks, RIC maintenance, vessel head work and TVI inspections.
- **Steam generators:**
Opening and closing of primary and secondary man ways, water lancing, tube plugging and eddy current management.



- **Reactor coolant pumps:**
Routine maintenance and inspections, coolant pump and motor overhauls and swap-outs, commissioning and testing.

With years of experience in both brownfield and greenfield projects, Lesedi is ideally placed to respond to clients' integration requirements of existing systems and processes. To date, Lesedi has successfully completed over 150 modifications at Koeberg Nuclear Power Station.

