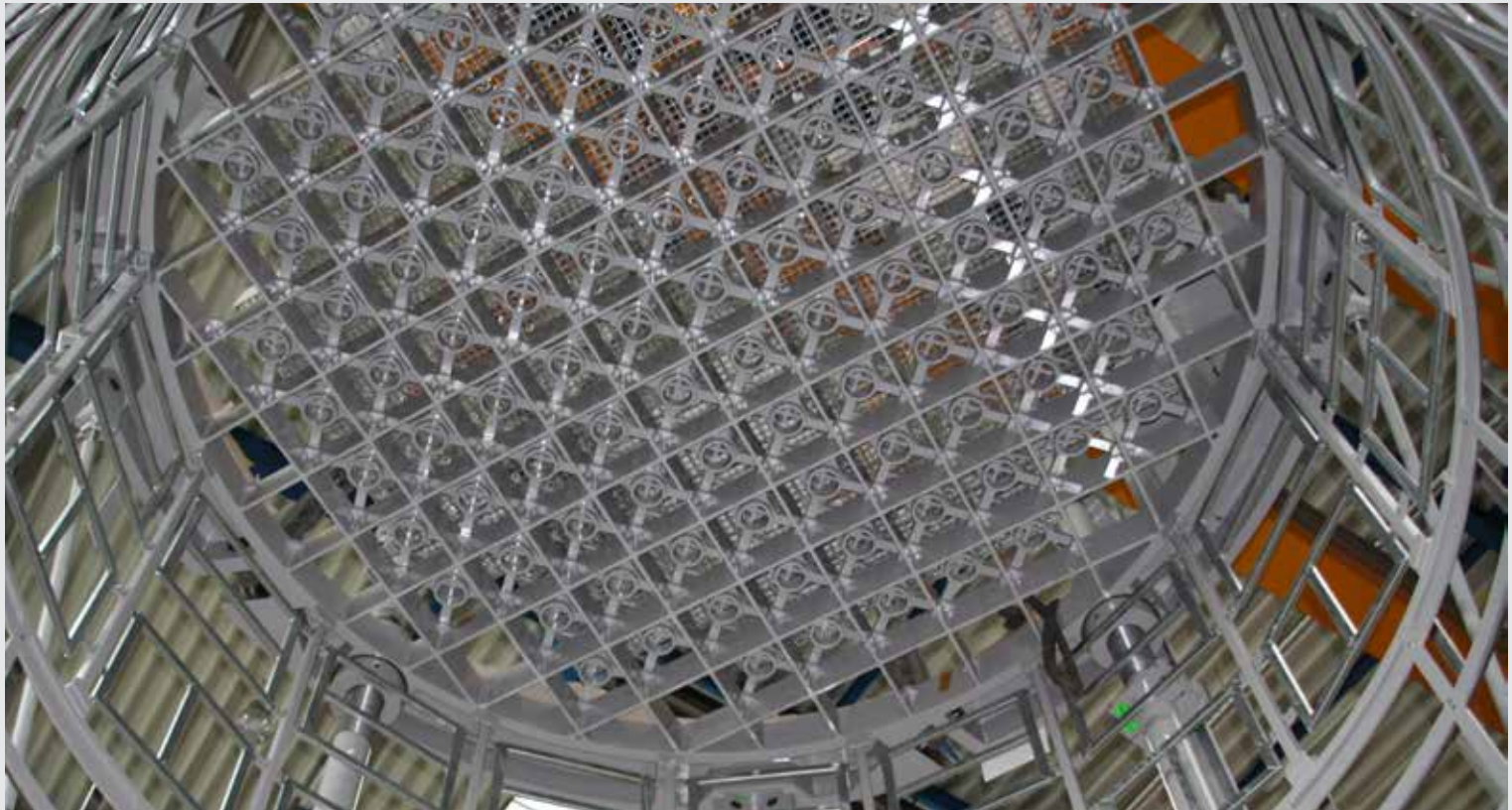


RPV CLOSURE HEAD EQUIPMENT

NUCLEAR TECHNOLOGIES



The RPV – Closure Head Equipment

consists of an upper and lower lifting rig, movable cable bridges and horizontal seismic supports.

It is utilised as equipment for removing and replacing the RPV-Closure Head. This Unit is also designed to permit inspection and maintenance of the RPV – Closure Head, the Control Rod Drives and the instrumentation.

During normal operation the lower lifting rig and the moveable cable bridges are mounted on the RPV – Closure Head.

In case of a maintenance inspection the upper and lower lifting rigs are connected to remove the RPV – Closure Head.

Technical Data

- Dead weight: approx. 40 t
- Rated Load: 163 t
- Height overall: approx. 9 m
- Diameter: 4,6 m
- Safety standard: KTA 3902 sect. 4.3 (increased requirements)



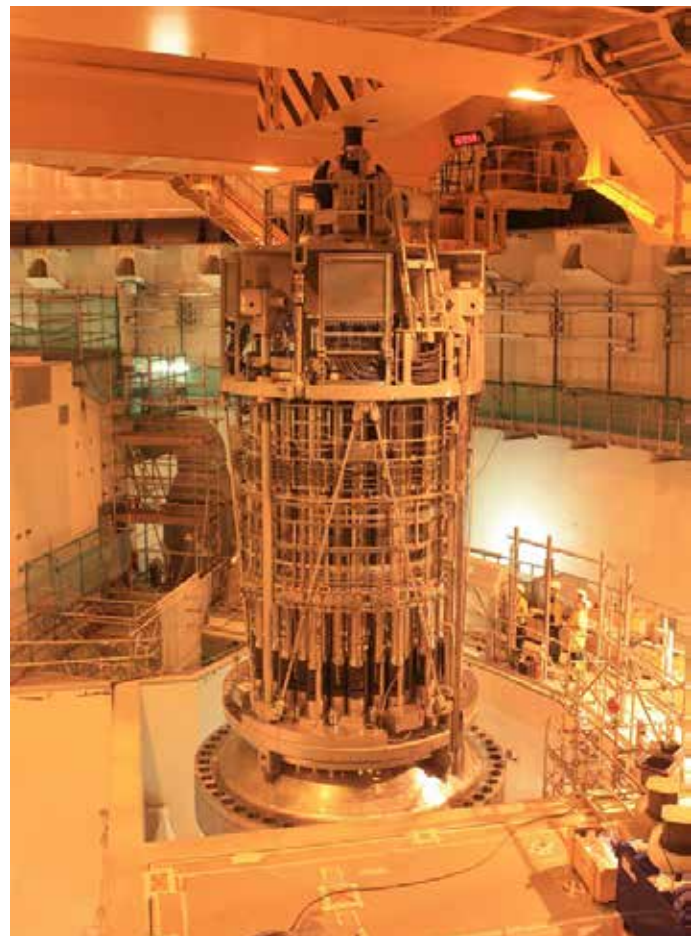
BILFINGER



Closure Head Equipment in Workshop



Closure Head Equipment in Workshop



Olkiluoto 3: Closure Head Equipment (Photo by AREVA)

Engineering & Technologies

Bilfinger Noell GmbH
 Alfred-Nobel-Straße 20 · 97080 Würzburg · Germany
 Phone: +49 931 903-6003 · Fax +49 931 903-1018
 noell.nuclear@bilfinger.com · www.noell.bilfinger.com

References

- Finland: NPP Olkiluoto 3
- Brazil: NPP Angra 3