

CONTAINMENT LINER

NUCLEAR TECHNOLOGIES



Containment Liner

The liner, installed at the inside of the concrete reactor containment building, ensures the required tightness of the reactor building for all operation modes and conditions. The thin steel (e.g. 6 mm) liner embedded in the concrete by means of studs and other fixtures serves as lost formwork at the same time. Depending on the relevant concept for concreting, different alternatives for installation, e. g. solutions using individual sheets, single or double rings, are possible.

Scope of supply and services

Detail-design and calculation, material procurement, prefabrication, transport, pre-assembly on-site, final assembly, all quality checks as well as final documentation.

References

- Finland: NPP Olkiluoto 3
- Germany: NPP Stade
NPP Neckarwestheim
NPP Isar 2
NPP Grohnde
NPP Mühlheim-Kärlich
NPP Unterweser
- Brazil: NPP Angra
- Spain: NPP Trillo 1 and 2



BILFINGER



Olkiluoto 3: Lifting of the second liner ring



Olkiluoto 3: Transportation of the cup



Olkiluoto 3: Lifting of the first liner ring



Olkiluoto 3: View into the reactor building after positioning of the cup



Olkiluoto 3: Lifting of the dome

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