

CORE MELT STABILIZATION SYSTEM

NUCLEAR TECHNOLOGIES



The Core Melt Stabilisation System

limits the consequences of a potential incident by restoring the melted core to secure condition after release from the reactor pressure vessel (RPV).

During operation, the melt plug is fixed within the support frame located below the RPV and can be removed for maintenance purposes.

Technical Data

- Transport and lifting cart
 - Load capacity: 5 t
 - Vertical travel: 940 mm
- Melt plug and support frame
 - Design pressure: 20 bar
 - Total weight: 13 t

References

- Finland: NPP Olkiluoto 3
- France: NPP Flamanville 3
- China: NPP Taishan 1&2

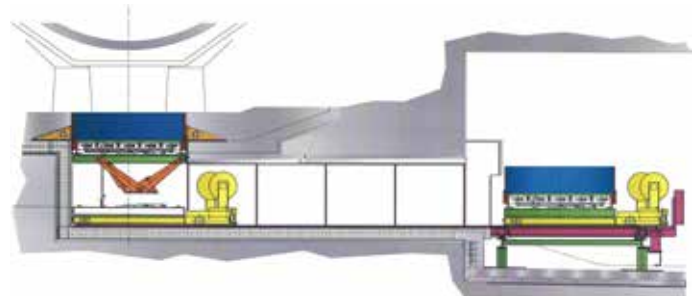




Transport System



Transport and Lifting Cart



Melt Plug



Shunting Station

Engineering & Technologies

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