CRANES AND MANIPULATOR SYSTEMS

HOT CELLS
BABCOCK NOELL GMBH

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Babcock Noell supplies cranes and manipulator carrier systems for the most diverse nuclear plant applications, and in particular for hot cells. Just like cranes, manipulator carrier systems consist of a crane bridge, a crab and a hoisting gear with the corresponding gears.

The manipulator carrier systems are equipped with telescopes and manipulators according to the customer specifications. As per requirements, cranes and manipulator carrier systems are made to comply with guidelines for conventional and nuclear applications respectively. The design also takes into consideration special requirements such as protection against load crashes as well as integrity following incidents such as earthquakes and plane crashes.

The controls developed by Babcock Noell range from a simple control box to a fully automated control for systemized workflows.

References:
- Germany: Vitrification Plant Karlsruhe, Pilot Conditioning Plant Gorleben
- France: Bugey/CEDA
- Lithuania: NPP Ignalina
- Belgium: HRA Solarium

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