



View of the control area of the power plant. The wire saw in the middle is mounted on the first steam generator (left) for division cutting

SMART DEMOLITION

Demolition work on RWE's nuclear power plant in Mülheim-Kärlich has been underway since 2004. In this connection, Bilfinger Noell assumed responsibility for the dismantling of two steam generators.

Experts are what are needed for this project. The colleagues were able to impress the customer with a demolition concept that is unique in Germany. The steel steam generators, each of which weighs 450 tons, are cut into pieces with special machines and fully disassembled at the site. For this purpose, the Bilfinger experts use specially developed wire saws that are being used in a dismantling concept for the first time.

This new technology for the dismantling of nuclear power plants saves RWE cost-intensive reconstruction measures and eliminates the need for complex special transports to the cutting plants. While previous demolition procedures required the establishment of suitable transport routes as well as, among other things, the enlargement of channels, Bilfinger can execute the work directly in the control area. The company's planning period for the cutting of the two heavyweight steam generators with a height of about 25 meters and a diameter of four meters is about 1.5 years.

If you have any questions about the project, please contact Bernd Unruh, Head of Service and Assembly (bernd.unruh@bilfinger.com).



Stefan Brauer (Bilfinger Noell) tests the operation of the saw



The two wire saws in front of the fuel element storage pool



On the table of the second wire saw, the components of the steam generator are cut into smaller pieces. The second steam generator is to the back right