



E.ON Power Plant Franconia

Application Field: Technical Service
Place: Nuremberg, Germany
Date: 2009
Products: 1 x VAG EKN® Butterfly Valve with eccentric bearing DN 700
PN 25 - year of manufacture 1970
1 x VAG hydraulic brake-and-lift cylinder, 100 series

Project description:

During the scheduled shut-off of the plant for inspection, the hydraulic actuator of a VAG EKN® Butterfly Valve with eccentric bearing installed in 1970 was rehabilitated at the Franconia power plant.

While important components were kept, the actuator was adapted to the state of the art. The technical support of the project included observing various customer requirements:

- Ensuring the uninterrupted supply of spare parts for the next few years
- Speedy reconstruction within the power plant shut-off period fixed by the customer
- Economic solution

The reconstructed actuator now meets all the requirements of a component in a gas power plant and combines all known advantages of the latest hydraulic brake-and-lift cylinder series.



The VAG EKN® Butterfly Valve prior to restructuring work



Newly installed hydraulic brake-and-lift cylinder