

August 2008

MODERN DIGITAL POWER AND CONTROL TECHNOLOGY FOR POWER PLANT IN GUNDREMMINGEN, GERMANY

Converteam is modernising the frequency converters of the circulating pump drives in the Gundremmingen nuclear power plant. The first drive unit for block C of the power plant will be delivered in 2009.

Sixteen new drives based on modern BL frequency converters and Logidyn D2 control electronics will ensure future variable operation of the main circulating pumps in block B and block C of the power plant. Changing the speed of the pumps changes the amount of coolant circulated, allowing reactor output to be controlled. If the reactor is operated at its nominal power, around 51,500 tons of coolant flow through its core per hour. Modernisation of the cooling system using Converteam converter and automation technology is being undertaken on each annual overhaul, i.e. outside of normal operation. The obsolete analog drive technology dating from the 1980s will be replaced, as it is no longer able to meet the latest technological demands. The project will be completed in 2011.

With this addition, the owner of the power plant, Kernkraftwerk Gundremmingen GmbH (KGG), is demonstrating its considerable confidence in Converteam's extensive expertise. The Brunsbüttel, Isar 1, Krümmel and Philippsburg power plants have already been equipped with electrical plant technology from Converteam. The company has many years of engineering experience in the power plant segment.

About Converteam

Converteam Group is a world leader in power conversion engineering. Building on over a century of experience, it is firmly placed at the leading edge of technology and innovation with a global reputation for excellence in the conversion of electrical energy. Converteam develops and provides solutions built around three core components: rotating machines, drives and process automation. Serving specialized sectors as well as its core markets in Marine, Oil & Gas and Offshore, Energy and Industry, its 5,000 staff members provide power conversion solutions worldwide. At year-end 07, the Converteam sales totalled EUR 875,000,000.

For further information, please contact:

Elke Hoch, Converteam GmbH, Communications

Tel: +49 (0)30 7622 3171 - Fax: +49 (0)30 7622 2708 or email: elke.hoch@converteam.com

Carsten Ritter, Converteam GmbH, Communications

Tel: +49 (0)30 7622 3173 - Fax: +49 (0)30 7622 2708 or email: carsten.ritter@converteam.com

Remark: 1,225 / 1,448

Reference: PM 29.051