

Lightning strike solution from SIPOS



An advanced actuation solution has contributed to a lightning strike protection initiative at a wastewater treatment project located at Denmark's Port of Aarhus. Designed to provide high standard potable water, single phase actuators from SIPOS Aktorik play a key role in the scheme's innovative storm protection solution. Managed by the Aarhus Municipality, the major project includes basins and pipes constructed by Aarhus Water A/S to collect sewage and rainwater. Consideration was given to the fact that lightning could take the WwTW out of operation: actuation technology was therefore required to re-direct water to collection basins that can be emergency operated without power from the network. Commenting on the need for innovative and effective actuation, a Technical Specialist for Aarhus Water, Mr. Morten Nygaard advised that in the event of a lightning strike power may be lost and, if this happens, it must be possible to continue to operate the penstocks and valves. It was therefore necessary to use penstocks, gatevalves and drives that were 100% reliable, even without power. Grønbech & Sønner delivered the solution that comprises several single phase SIPOS actuators for ON/OFF and modulating service. Equipped with frequency converter, SIPOS' actuators have the advantage of having very low starting current, making them ideally suited to Uninterruptable Power Supply. All SIPOS actuators delivered for the Aarhus project meet IP 68 standards and are further protected as they are mounted in closed wells beneath Aarhus' roads and pavements.

Metso involved in green energy production in Finland

Metso will increase the reliable supply of hydroelectric power at the Inkeroinen

and Anjalankoski power plants owned by Kemijoki Oy in Finland by renewing the automation in their four water turbines. The deliveries will take place in the spring and autumn of 2012. Due to its control characteristics, renewable, clean hydroelectric power offers a superior backup for the reliable supply of electricity and can also help manage sudden disturbances. The reliability of the turbine and its automation plays an important role in electricity generation. Three turbine logics at the Inkeroinen power plant and one turbine logic at the Anjalankoski plant will be replaced by a Metso DNA automation system, which will be used to manage, control, protect and optimize the water turbines. Metso will provide the system with updates and versatile services well into the future to support the investment

life cycle. Kemijoki Oy is Finland's most significant producer of hydroelectric power and related services. The company owns 20 hydroelectric power plants of which 16 are located on the Kemijoki River water system area, two on the Lieksanjoki River and two on the Kymijoki River. Of those on the Kymijoki River, the 17 MW Inkeroinen hydroelectric power plant was built in the 1920s and extensively renovated in 1994. The 20 MW Anjalankoski power plant was built in 1983. Both of them supply electricity to the national grid. The total capacity of Kemijoki Oy's power plants exceeds 1,000 MW.

SCHNEIDER has an own company in Singapore



To consistently maintain their growth course of the last years in the sector of industrial valves, Armaturenfabrik Franz Schneider GmbH + Co. KG recently established their own company in

the Asian region. The new location in Singapore functions as a hub and serves to acquire additional customers in what may be the world's most dynamic economic region. Additionally, the Asian customers will have a share in strengthening the headquarters in Nordheim, which will thus secure 300 jobs, and in ensuring optimised manufacturing capacities in the long term. Tim-Frederik Kohler is the Chief Executive Officer of the independent subsidiary in Singapore. Mr. Kohler started working for SCHNEIDER in 2004 as a Sales Engineer in International Sales. Since the middle of last year, Mr. Kohler has been in Singapore, initially responsible for setting up the branch and since October for its development. The sales activities will be supported by Ana Laura Corzo Gonzalez in Administration and by Zulfan Syahputra in Technical Sales. The first measure of the growth strategy for the Asian region is to consolidate the sales activities of the Asia-Pacific region in Singapore immediately. In the future, the already existing authorised dealers and customers will be cared for by "Team Singapore" and be partly supplied from the branch's stock.

Mozambique round 'on radar screen'

Mozambique will launch another round for blocks in the southern part of the prospective Rovuma basin, in the vicinity of recent gas discoveries that have transformed the East Africa play, according to a report. National Petroleum Institute chairman Arsenio Mabote said the body is currently organising available data for the area. "We are planning to launch a new bidding round for non-exploited offshore areas in the southern part of the Rovuma basin by the end of this year," Mabote stated on the sidelines of an energy and mining conference. US explorer Anadarko Petroleum has made a series of game-changing gas finds in Offshore Area 1 of the Rovuma basin, while Eni has made a giant gas discovery in its operated Area 4 off Mozambique. Anglo-Dutch supermajor Shell on Tuesday launched a USD 1.8 billion takeover bid for UK junior Cove Energy, which holds an 8.5% stake in Anadarko-operated Offshore Area 1.

