

## **PRESS RELEASE**

May 19, 2005, Düsseldorf

### New order for SMS Meer GmbH

#### **New cold pilger mills for Westinghouse Co.**

Westinghouse Electric Company, Pittsburgh, PA/USA, has placed an order with SMS Meer GmbH, Mönchengladbach/Germany, to supply four cold pilger mills. Three cold pilger mills of type KPW 25 LC and one KPW 50 LC will be delivered as part of a major project to a nuclear tube producer in South Korea.

The cold pilger mills are characterized i.e. by high productivity, high flexibility and a high degree of automation, and are regarded as the most modern of their type.

All the mills have innovative crank drives that set new standards with respect to operating speed, mass balancing and maintenance.

The mills of the LC series are equipped with a crank drive based on the Lanchester principle that is also used in automotive engines. Rotating weights on the throws of the crankshaft in combination with centrifugal weights on a balancing shaft rotating in the opposite direction ensure optimum balancing of the mass forces. SMS Meer is thus continuing the changeover to the new crank drive generation that started with the KPW 75 LC mills supplied to Thailand and China.

The rigid, yet weight-optimized design of the mill saddles on these mills is one of the preconditions that have been satisfied in order to be able to manufacture the zircaloy tubes with the highest dimensional precision.

Die changing is performed to the side on both the KPW 25 LC and the KPW 50 LC. This feature allows quick and easy changing from one rolling dimension to another.

The feed-and-turn drives employed today in cold pilger mills from SMS Meer make a further important contribution to increasing productivity and product quality. The feed-and-turn movements can be steplessly varied within broad limits for this purpose. These parameters can be changed within a few seconds via the user-friendly visualization software.

The start of erection and commissioning of the new cold pilger mills is scheduled for the end of 2006.

SMS Meer GmbH forms part of the Tube, Long Product and Forging Technology Business Area of the SMS group.

(36 lines with max. 55 letters)

SMS GmbH is the holding for a group of companies internationally active in plant construction and mechanical engineering relating to the processing of steel, non-ferrous metals and plastics. The group is divided into the Business Areas of Metallurgical Plant and Rolling Mill Technology, Tube, Long Product and Forging Technology and Plastics Technology. In the year 2004 some 9,500 employees worldwide generated a turnover of about EUR 2.20 bn.