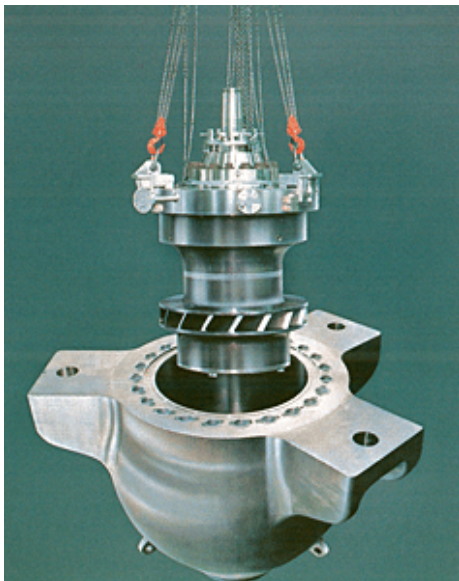


MHI Receives Order for Four Reactor Coolant Pumps at China's Qinshan-II

On October 24, Mitsubishi Heavy Industries, Ltd. (MHI) received an order from the China Nuclear Energy Industry Corporation (CNEIC) to manufacture four reactor coolant pumps to be installed in Units 3 and 4 (both PWR, 650MW) of Qinshan Phase II.

The two units are to be constructed adjacent to Units 1 and 2, both already built by the Nuclear Power Qinshan Joint Venture Co., Ltd. (NPQJVC). Identical in specification to the currently operating units, Units 3 and 4 will go on-stream in April 2011 and February 2012, respectively.



MHI's reactor coolant pump

China has announced a policy of domestically manufacturing the reactor vessels and steam generators of the two units, but NPQJVC determined that the pumps would be imported. MHI won the order after international bidding took place.

The large-sized pumps in the latest order – each unit takes two – each measure 8.2m high and 3.4 m in diameter, with a weight of approximately 105t. Their flow rate is a massive 5t/sec. After being unloaded in the port of Shanghai, the pumps are slated for delivery between June 2008 and February 2010. Their manufacture will take place at MHI's Takasago Works and at Mitsubishi Electric Corporation. The installation work at the plant site is not included in the contract.

MHI has built up a strong record in the past with the delivery of major components at the Qinshan NPSs, having supplied the reactor vessels and reactor coolant pumps for Qinshan-I in 1986 and 1987, and those for Units 1 and 2 at Qinshan-II in 1998 and 1999. As the new Units 3 and 4 at Qinshan-II have been designed with the same specifications as the earlier two units, and given the continued smooth performance of MHI's coolant pumps installed there, the company was preferentially awarded the contract this time.

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