

MHI Receives Order for 2 Replacement Steam Generators for Electrabel Doel Nuclear Power Plant in Belgium

Replacement Steam Generator

Tokyo, Japan, Apr 13, 2006 - (JCN Newswire) - Mitsubishi Heavy Industries, Ltd. (MHI) has received an order from Electrabel S.A., one of Europe's front-ranking energy companies, to supply two replacement steam generators (RSG), a core component of pressurized water reactor (PWR) nuclear power plants (NPP). The two RSGs, for the Electrabel Doel-1 NPP, are scheduled for delivery in September 2009. To date, MHI has delivered eight RSGs to Belgium. When the latest order is completed, MHI's RSGs will account for more than half of all SGs operated in Belgium - 10 of a total of 19 SGs at seven NPPs.

Doel-1, a 392.5 MW (megawatt) PWR NPP, is located near the port city of Antwerp, approximately 50 kilometers north of Brussels. The replacements will be carried out based on a rehabilitation program for Doel-1.

The RSGs, to be manufactured at MHI's Kobe Shipyard and Machinery Works, measure 20 meters in height and weigh roughly 270 tons. Their pressure-resistant container, made of low-alloy steel*1, houses approximately 4,800 heat transfer tubes made of a thermally treated alloy - inconel TT690*2, an advanced material. SGs play a crucial role in PWRs by transferring the thermal energy generated in the reactor vessel to a secondary coolant and feeding the resulting steam to a turbine system to generate electricity.

The latest order was awarded based on Electrabel's recognition of MHI's sophisticated technological capabilities and its abundant operational experience in Belgium. To date, MHI has delivered three RSGs each to the Electrabel Tihange-1 and Tihange-2 NPPs, respectively in 1995 and 2001, and two RSGs to the Doel-2 NPP in 2004. The newly received order will bring the total number of MHI RSGs operating in Belgium to 10. Through these deliveries, MHI has established a solid reputation in all aspects of product quality, manufacturing processes, delivery reliability and operational excellence.

For many years MHI has independently marketed its nuclear power equipment in the major NPP markets worldwide. The company has received numerous orders, in addition to Belgium, for its RSGs: in the United States, two each for the San Onofre Nuclear Generating Station Units 2 and 3 and two for the Fort Calhoun Nuclear Power Station; and in France, six for EDF SA, an integrated energy provider. MHI has also received orders for 16 units of its replacement reactor vessel heads for overseas clients, mainly in the U.S. and Europe.

Going forward, MHI will continue to actively pursue business opportunities in replacement demand for major nuclear power equipment, including RSGs, especially in the European and U.S. markets, where many nuclear power stations are reaching replacement phases.

Notes:

1. Steam generators are manufactured with strong low-alloy steel made of manganese, molybdenum and nickel steel, a combination highly resistant to the strong pressures characteristic of pressurized reactor (primary) and secondary coolants.
2. Inconel TT690 is a thermally treated nickel-chromium-iron alloy offering enhanced resistance to stress corrosion cracks under high temperatures and pressures. It is used as a principal material of heat transfer tubes.

About Mitsubishi Heavy Industries, Ltd.

Mitsubishi Heavy Industries, Ltd. (TSE: 7011, 'MHI'), headquartered in Tokyo, Japan, is one of the world's leading heavy machinery manufacturers, with consolidated sales of 2,792 billion yen in fiscal 2005 (year ended March 31, 2006). MHI's diverse lineup of products and services encompasses shipbuilding, power plants, chemical plants, environmental equipment, steel structures, industrial and general machinery, aircraft, space rocketry and air-conditioning systems. For more information, please visit the MHI website at <http://www.mhi.co.jp>

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