

Power Generation News

Products, technologies and activities

by Mike Mercer

Retrofit SCR Systems for Power Plants in Mexico

Peerless Mfg. Co., Dallas, Texas, U.S.A., announced that it has received an order in excess of US\$3 million for selective catalytic reduction systems (SCRs) to reduce nitrogen oxides from multiple

power plant units in Mexico. The first unit of the multi-plant order is scheduled to ship in the first quarter of 2004 with the remaining units presently scheduled for completion in 2005 and 2006. ♡

Spanish Gas Turbine Combined-cycle Power Plant

Mitsubishi Heavy Industries Ltd. (MHI) has been awarded a contract by AES Corp., a global power company based in the U.S., for a gas turbine combined-cycle power plant to be constructed in Cartagena, in southeast Spain. Plant operation is slated to commence in

November 2005. With total power generation capacity of 1200 MW, the plant will be among Spain's largest in scale. MHI will supply three gas turbines, three steam turbines and three heat recovery steam generators. Mitsubishi Electric Corp., will manufacture three generators. Provision of other auxiliary equipment and installation and construction work will be performed by the Spanish engineering firm INITEC Energia.

MHI also signed a long-term service agreement with AES under which it will undertake maintenance work on the gas turbines for a maximum duration of eight years after the plant goes on stream. ♡

Calpine, Mitsui to Build 525 MW Plant in Yucatan

Calpine Corp and Mitsui & Co. Ltd. will build, own and operate a 525 MW power plant in Mexico's Yucatan Peninsula by mid-2006 and sell its power to a state-run power commission. Mexico's Comision Federal de Electricidad will buy under a 25-year contract power generated from the natural gas-fired,

combined cycle plant. CFE provides electricity service to most of Mexico. Construction of the Valladolid III plant is set for the second quarter of 2004.

Calpine will supply two General Electric F-class combustion gas turbines and a Toshiba steam turbine to the project. Calpine will have a 45% interest in the facility and Mitsui will own the remaining interest. The companies will use Toshiba Corp. as a subcontractor for engineering, procurement and construction of the plant. Calpine unit Calpine Power Services Inc. will assist Toshiba in engineering, construction and commissioning of the plant, and provide operations and maintenance services. ♡

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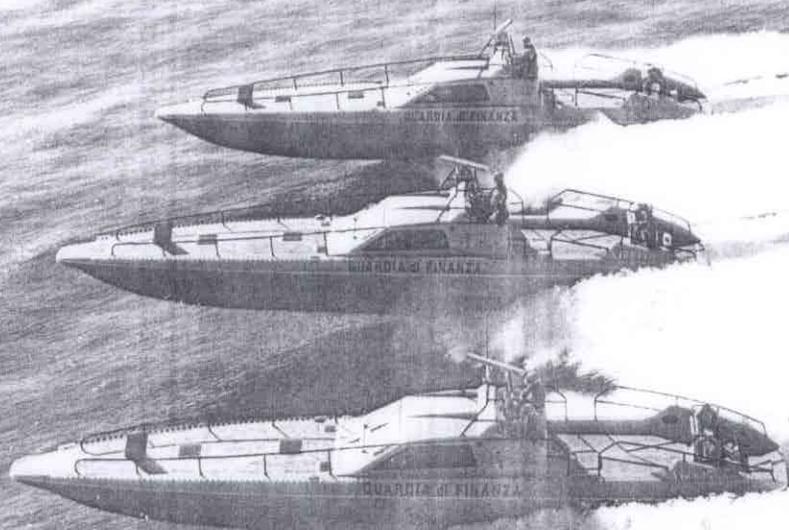


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