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TXU to Select Mitsubishi US-APWR for New Nuclear Power Generation

Tokyo, March 12, 2007 – The US-APWR reactor technology developed by Mitsubishi Heavy Industries, Ltd. (MHI) has been selected by TXU Corp. of Dallas, TX, for its new nuclear-fueled power generation capacity.

TXU plans to file applications for combined construction and operating licenses using US-APWR technology for 2-6 GW at multiple sites, including its Comanche Peak site which has two units in operation. The filings would facilitate commercial operation of the units starting from 2015 to 2020. On Friday, March 9, TXU formally notified the US Nuclear Regulatory Commission (NRC) of its reactor selection and launched the preparation of Combined License (COL) application per 10 CFR Part 52.

MHI has developed the US-APWR based on technologies for a 1,538 MW APWR planned for use at the Tsuruga Power Station Units 3 and 4 of the Japan Atomic Power Company. A variety of modifications have been added in reflection of the demands of U.S. customers for enhanced performance. Improvements include the world's highest level of thermal efficiency (39%), a 20% reduction in plant building volume, 24-months fuel cycle length, and greater economy by increasing the power generation capacity to 1,700MW class, the world largest class.

Mitsubishi Nuclear Energy Systems (MNES), the U.S. subsidiary of MHI, is planning to construct the US-APWR in the United States in cooperation with Washington Group International Inc., a major engineering and construction company. MNES is jointly promoting the US-APWR with Mitsubishi International Corporation in the U.S. market.

TXU's selection is believed to be based on the US-APWR's excellent economy; proven safety and reliability; and MHI's comprehensive capability to undertake engineering, fabrication, construction, detailed maintenance and supply of high reliability fuel. In Japan, MHI has engaged in the construction of 23 Pressurized Water Reactors and is constructing one nuclear power plant. MHI will pursue further deployment of the US-APWR technology and promote US-APWR to the utilities which are considering their new reactor type.

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