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FOR IMMEDIATE RELEASE:
PRESS RELEASE

SWC5 meets the desalination challenge in the Zhejiang Province as China prepares for the 2008 Olympics.

Oceanside, CA... Industrial growth in China is experiencing an unprecedented surge – power producers are struggling to keep up with demand even as freshwater supplies decline. The approach of the 2008 Summer Olympics in Beijing has only increased the urgency of power grid expansion for the entire country, and in turn increased the need for both process and potable water.

Increasingly, China is turning to desalinated seawater to meet this explosion in industrial water application needs. The Yuhuan Seawater Desalination Plant, the largest desalination project in mainland Asia, takes in water from the East China Sea and supplies boiler feedwater to new area power stations. These 1800MW power stations will expand China's electrical grid capacity to satisfy current industrial needs and as part of China's overall infrastructure expansion prior to the 2008 Olympics. Over 812 Nitto Denko/Hydranautics' SWC5 elements are hard at work at the Yuhuan Plant as part of a massive system desalinating over 34,560 m³/d (cubic meters per day, or 9 million gallons per day, MGD) of water. Nitto Denko/Hydranautics' SWC5 elements supply 11,250 m³/d (3 MGD) of process water for the plant, while the plant's surplus potable water is sold to surrounding communities.

With 400ft² (37.16 m²) of active membrane area, the seawater composite SWC5 is designed to provide higher salt rejection at a higher rate of flow with increased boron rejection – 92%. The SWC5 is a cost saving solution for both municipal and industrial applications, with each element providing 34.1 m³/d (9,000 gpd) at 99.8% nominal salt rejection at low operating pressures.

Hydranautics' SWC5 is part of a comprehensive line of desalination membranes that are used worldwide and produce an installed capacity of over 500 MGD (>2,000,000 m³/day) with unparalleled operational success. This experience, combined with the best membrane performance in the industry, demonstrates Hydranautics' position as the technology leader and as the preferred qualified supplier for seawater projects worldwide.

Based in Oceanside, California with sales offices worldwide, Hydranautics was founded in 1963, and in 1987 became part of the multi-billion dollar Nitto Denko Corporation based in Osaka, Japan. Hydranautics manufactures reverse osmosis, nanofiltration, ultrafiltration and other membrane products for water treatment applications around the world.

For more information on how Hydranautics can solve your most demanding surface water problems call today for more information at 1-800-CPA-PURE or visit Hydranautics online at www.membranes.com.

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