



NanoH2O Expands World-Class Operations Team

New VP of Operations joins experienced Directors of Engineering and Manufacturing to scale manufacturing operations in support of aggressive growth

Los Angeles, Calif. - January 18, 2011 - NanoH2O, a global provider of reverse osmosis (RO) membranes for desalination, today named Kyle MacDonald the Vice of Operations. Ms. MacDonald will work alongside Barry Fischer, Director of Manufacturing, and Freidoon Rastegar, Director of Engineering, and together will draw on their extensive experience in reverse osmosis membrane and roll-to-roll manufacturing to lead NanoH2O's robust team of operations professionals.

Kyle MacDonald holds a Ph.D. in Chemistry and brings almost 20 years of experience from senior level positions at Polaroid Corporation, most recently serving as Senior Vice President and General Manager of the Instant Imaging business unit. During her tenure, Ms. MacDonald led highly skilled teams in Operations, Product Development and Research and Development to improve profitability and key performance metrics. By implementing Six Sigma and Cycle Time initiatives, she delivered an 11 percent reduction in spending and an 8 percent improvement in process capability across operations in the United States, Europe, Asia and Latin America. Ms. MacDonald brings considerable experience in roll-to-roll coating technologies and is Six Sigma Variability Reduction Leader (VRL) trained.

Joining Ms. MacDonald is Barry Fischer, who has served as NanoH2O's Director of Manufacturing since mid-2010 after 19 years with General Electric (GE). Devoting the most recent six years to GE's RO membrane business as membrane manufacturing manager and quality assurance manager, Mr. Fischer demonstrated a talent for reducing waste and decreasing manufacturing scrap while simultaneously eliminating safety accidents and increasing production by 60 percent. He is Lean Six Sigma Black Belt certified.

As Director of Engineering, Freidoon Rastegar leads the design of new equipment, automation, maintenance and facilities planning. Before joining NanoH2O, Mr. Rastegar managed the design of optical coatings on aircraft canopies and large-area glass at GKN Aerospace, where he reduced scrap rates by 25 percent and increased yield by 50 percent. He also brings extensive materials, tribology, lubrication and roll-to-roll coating knowledge to NanoH2O.

"We are excited to expand our manufacturing team with experts who bring a wealth of experience and leadership in reverse osmosis membrane roll-to-roll coating manufacturing," said Jeff Green, CEO of NanoH2O. "NanoH2O is poised for aggressive growth as we penetrate the desalination

market with our innovative membrane technology. The leadership of these three individuals will ensure long-term operational excellence and stability."

About NanoH2O, Inc.

NanoH2O, Inc. is a global provider of reverse osmosis membranes that change the fundamental economics of desalination. Based on breakthrough nanostructured materials and industry-proven polymer technology, thin-film nanocomposite (TFN) membranes improve desalination energy efficiency and productivity. Exhibiting the highest permeability (flux) on the market, NanoH2O's reverse osmosis membranes maintain industry-standard salt rejection while purifying water from a broad range of sources. Designed to fit into new and existing desalination plants worldwide. NanoH2O's membranes are at the forefront of combating critical water scarcity issues. NanoH2O is the 2010 Wall Street Journal Innovation Award winner in the environment category.