



***** FOR IMMEDIATE RELEASE *****

MITSUBISHI NUCLEAR ENERGY SYSTEMS, INC. COMPLETES FIRST U.S. WATER JET PEENING PROJECT

Charlotte, NC. January 6, 2017. Mitsubishi Nuclear Energy Systems, Inc. (MNES) has completed the first U.S. water jet peening (WJP) project to prevent stress corrosion cracking of reactor vessel nozzles (RVNs) and bottom mounted nozzles. All planned nozzles were successfully peened within the customer's standards and quality specifications. MNES achieved excellent radiological safety with personnel dose less than 50% of established target and 100% industrial safety with no first aids, near misses or OSHA recordables. AZZ|WSI, Inc. supported MNES as the primary implementation lead on the project. The project team was also supported by Mitsubishi Heavy Industries, Ltd. (MHI), Structural Integrity Associates, and Anatec LMT. The WJP process is a MHI low-risk Alloy 600 stress corrosion cracking mitigation solution with 15 years of field-proven experience conducted at 21 plants in Japan. This project further demonstrates a successful transfer of Japanese nuclear technology to meet U.S. nuclear industry needs. "The success of this technology transfer paves the way for MNES to introduce other MHI-proven technologies to the U.S. nuclear fleet," remarked Yoshinobu Shibata, MNES President & CEO.

"MNES WJP provides proven operations management solutions in the areas of asset management and long-term viability," commented Gregory Martin, MNES General Manager Nuclear Services. The peening process has proven 100% effective with no post-application adverse indications. The process safely reduces tensile stress in weld material to effectively mitigate potential stress corrosion cracking. The NRC is currently reviewing the EPRI Topical report on Alloy 600 mitigation processes as a solution to address safety and integrity supporting long-term plant operations and to provide potential regulatory relief in the future.

MNES is currently conducting an intensive lessons learned review of the Wolf Creek water jet peening project. The lessons learned will be used to enhance the efficiency and effectiveness of the next MNES WJP process scheduled at Ameren Missouri Callaway Energy Center in fall 2017.

For more information concerning WJP or other technologies that can extend plant life, please visit the MNES website at www.mnes-us.com or contact Scott Baumgartner, Marketing Director at (980) 250-0063.

MNES is a wholly owned subsidiary of Mitsubishi Heavy Industries, Ltd.

Media Contact:

Rhonda Bishop, General Manager, Corporate Services

Office: (704) 945-2643

Cell: (704) 796-2520

Email: rhonda_bishop@mnes-us.com