



FOR IMMEDIATE RELEASE

Mitsubishi Selected to Provide Water Jet Peening Services at the Callaway and Wolf Creek Nuclear Power Plants

Arlington, VA, June 18, 2013 – Mitsubishi Nuclear Energy Systems, Inc. (MNES) has been awarded contracts at two nuclear power plants to provide its state-of-the-art water jet peening (WJP) services.

The service will be provided to Wolf Creek Generating Station, located near Burlington, Kansas, and Ameren Missouri Callaway Energy Center in Callaway County, Missouri. The WJP service will mitigate the potential for stress corrosion cracking of essential Alloy 600 components and associated weld metals, thus providing safety benefits and long-term cost savings to the ratepayers and utilities.

MNES will be responsible for overall project management, working with its parent company Mitsubishi Heavy Industries (MHI); with AZZ WSI, a specialty contractor based in Norcross, Georgia; and with Structural Integrity Associates Inc. (SI). MHI will provide the specialized tooling and equipment necessary to complete the projects while AZZ WSI and SI will perform the on-site implementation work. SI will also provide engineering and licensing support. The WJP work at both facilities is currently planned for 2016.

“These contracts for water jet peening are indicative of the growing awareness by U.S. utilities of the effectiveness of the WJP process and its ability to mitigate stress corrosion cracking,” said Makoto Toyama, President and Chief Executive Officer of MNES. “This contract will draw on Mitsubishi’s experience with this technology and its application. Water jet peening is a proven technique for prolonging the life of key components at operating nuclear power plants and will be of great benefit to utilities and their ratepayers in the United States.”

The WJP process is used to modify material stress in important nuclear plant components and has been used successfully by Mitsubishi in 45 applications on 21 pressurized water reactors in Japan. Mitsubishi has developed the necessary technologies for testing and for contingency repairs. Mitsubishi also operates a complete training center in Japan for WJP services application.

A key advantage of WJP is that the entire process can be conducted underwater and uses only high-pressure water. No foreign materials are introduced into the reactor and no heat is applied to the material. The easy-to-operate equipment can be controlled remotely, allowing the procedure to be performed with low occupational doses. The work will be performed when the reactor is shutdown during a planned refueling outage.

“The water jet peening process provides an interior surface mitigation approach for reactor-vessel nozzle-dissimilar metal welds,” said Rich Clemens, Vice President Strategic Projects for Wolf Creek. “This is a preferred approach due to our plant’s configuration and radiological conditions. Working together with Ameren Missouri is logical due to the common design of the

Wolf Creek and Callaway plants. Additionally, we will be able to concurrently perform, within a reasonable outage schedule, WJP mitigation on the reactor vessel nozzles as well as on other less susceptible materials and welds located in the lower region of the reactor vessel. We have confidence that the process will provide mitigation of potential stress corrosion cracking.”

“We are excited to pursue application of this innovative water jet peening process,” said Cleve Reasoner, Vice President of Engineering at the Ameren Missouri Callaway Energy Center. “After extensive review of all options, we are confident that WJP provides Callaway with the best technically robust and efficient means to eliminate a known nuclear safety risk. We look forward to this partnership with Wolf Creek and the MNES team as we improve nuclear safety while reducing radiological dose, improving reliability, and increasing shareholder value.”

“AZZ WSI is very pleased to be working with MNES / MHI on this important project,” said Doug Jacobs, General Manager and Senior Vice President of AZZ WSI Nuclear Services. “We are excited about teaming with MNES / MHI on bringing this established water jet peening technology to the U.S. fleet. This technology is yet another tool to mitigate Alloy 600 material risk and complements WSI’s Alloy 600 mitigation techniques and specialty services that we have been providing to the global commercial nuclear fleet.”

About Mitsubishi Nuclear Energy Systems

Mitsubishi Nuclear Energy Systems (MNES) is a designer of America’s next generation of clean air nuclear energy generating stations and is an emerging leader in nuclear energy services. MNES was established in 2006 by Mitsubishi Heavy Industries, Ltd. (MHI), as the supplier for Mitsubishi nuclear technologies in the United States. From its headquarters in Arlington, VA, MNES is leading the way for safer and more reliable nuclear energy. For more information, please visit www.mnes-us.com.

About Wolf Creek Generating Station

Located in Coffey County, Kansas, Wolf Creek Generating Station is Kansas’ only nuclear power plant. Wolf Creek Generating Station has been safely providing clean, carbon-free energy to the citizens of Kansas and Missouri since 1985. The plant generates about 1,200 megawatt of electricity, which is enough energy for approximately 800,000 homes.

About Ameren

Ameren Missouri has been providing electric and gas service for more than a century, and the company’s electric rates are among the lowest in the nation. The company serves 1.2 million electric and 127,000 natural gas customers in central and eastern Missouri with a mission to meet their energy needs in a safe, reliable, efficient and environmentally responsible manner. The company’s service area covers 63 counties and more than 500 towns, including the greater St. Louis area. The Ameren Missouri Callaway Energy Center has been providing safe, clean and affordable electricity since 1984. The electricity generated by the Callaway Energy Center is enough to meet the needs of 780,000 average households annually. For more information, visit www.AmerenMissouri.com.

About AZZ WSI LLC

AZZ WSI (formerly known as Aquilex WSI) headquartered in Norcross, GA, is a leading global provider of critical recurring and commonly nondiscretionary maintenance, repair and overhaul services to a diverse base of customers in the nuclear, fossil power, refining, chemical processing, pulp and waste-to-energy industries. AZZ WSI’s proprietary processes and highly engineered technology solutions provide unique life extension options for critical plant

components utilizing automated equipment and a specialized workforce. AZZ WSI is a wholly-owned subsidiary of AZZ Inc., headquartered in Fort Worth, TX.

About SI

Structural Integrity Associates Inc. is an internationally recognized engineering consulting company in the prevention and control of structural and mechanical failures, with a strong presence in the power generation industry. With headquarters in San Jose, CA, Structural Integrity serves clients worldwide through branch offices located throughout the United States and Canada, as well as through affiliates located in China, Japan, Korea, and Spain. Structural Integrity's engineering expertise encompasses a broad range of issues critical to the success of nuclear, fossil and combined cycle power plants, as well as oil and gas pipelines.

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