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## PRESS RELEASE

# AREVA NP Deploys Advanced Repair Technique at Belgian Nuclear Reactor

**CHARLOTTE, N.C., June 12, 2017** – AREVA NP signed a contract with Doel Nuclear Power Station in Belgium to perform an advanced weld repair technique. With this contract, AREVA NP’s Inside Diameter Temper Bead (IDTB) weld repair method, developed by AREVA NP’s U.S. team and already implemented on 183 penetrations since 2000 in the United States, will be implemented for the first time outside the United States. This method will support the Doel plant’s continued operation, enabling it to provide clean and reliable electricity, avoiding complex manipulations and serving the plant’s overall nuclear safety in the best possible way.

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“Thanks to the hard work and unwavering dedication from our U.S. team, we are proud to share this technology with nuclear plants around the world,” said Craig Ranson, senior vice president of the Installed Base Business Unit in the United States.

During an outage in summer 2018, an AREVA NP team from the United States will complete the IDTB weld repair, as well as reactor vessel head inspections.

AREVA NP’s IDTB technique is a proven method to address primary water stress corrosion cracking (PWSCC) on reactor vessel heads. This technology replaces the penetration pressure boundary, eliminating the risk of embedded flaws. It also addresses all types of PWSCC, ensuring reliable future operation of the plant. AREVA NP has performed 77 percent of all reactor vessel head penetration repairs in the United States.

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### MORE ABOUT AREVA

AREVA in North America (AREVA Inc.) combines U.S. and Canadian leadership to supply high added-value products and services to support the operation of the commercial nuclear fleet. Globally, AREVA is present throughout the entire nuclear cycle, from uranium mining to used fuel recycling, including nuclear reactor design and operating services. AREVA is recognized by utilities around the world for its expertise, its skills in cutting-edge technologies and its dedication to the highest level of safety. AREVA Inc.’s employees are helping build tomorrow’s energy model: supplying ever safer, cleaner and more economical energy to the greatest number of people. Visit us at <http://us.aveva.com> or follow us on [Twitter: @AREVAus](https://twitter.com/AREVAus).