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NGNP Industry Alliance Announces Nuclear Technology Selection of AREVA Prismatic Block Modular Reactor Design

Ridgeland Miss. – End-user requirements were the primary driver for selecting the AREVA Generation IV reactor concept as the design that will support the process heat and steam industry as an alternative energy source for natural gas in the next decade and beyond. “Development now will ensure energy for our future” says Fred Moore, Executive Director of the Alliance and Global Director Manufacturing & Technology, Energy and The Dow Chemical Company. “The HTGR is a game changer for industries that currently rely on premium fossil fuels for manufacturing processes,” he said. “AREVA’s design is sized for industrial use and is modular to support a broad range of industrial market sectors that require high temperature heat and steam”, Moore said.

Commercialization of modular high temperature gas-cooled reactor (HTGR) technology is essential to achieving evolving National and global environmental and energy policy goals. It fulfills the inherent safety features required by industry and offers performance capabilities that are well suited for a broad range of process heat cogeneration and/or power generation applications.

Replacing traditional industrial fuel feedstocks in the future with clean, safe nuclear energy will 1) Reduce greenhouse gases (GHG) from industrial and commercial applications; 2) Reduce reliance on imported oil and gas supplies; 3) Extend life of domestic oil and natural gas as strategic assets for other uses; 4) Provide a sustainable expansion of American industrial manufacturing capabilities for energy intensive industries; and 5) Create jobs within the U.S.

The NGNP Industry Alliance Limited represents the interests and views of the member companies who have taken a leadership role to mutually support and direct project plans to design, build, operate and use the HTGR technology. The Alliance provides a forum and focus to communicate industry needs and requirements and works in concert with the Idaho National Laboratory and others to seek out and promote industrial uses for HTGR technologies within the United States, North America and other continents around the world. See www.ngnpalliance.org for more



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