

Hyundai E&C Advances Its Role in the U.S. Nuclear Renaissance : Large-Scale Nuclear Technology Seminar Held in Texas Draws Strong Industry Response

■ Hyundai E&C hosts a “Large-Scale Nuclear Technology Seminar” in the U.S. to revitalize the nuclear industry ... On the 10th (local time), Hyundai E&C held a specialized seminar by construction discipline and field for large-scale nuclear power plants in Texas, enhancing local understanding of nuclear projects ... Strong turnout from the Texas construction and nuclear industries, including top-ranked ENR contractors, as participants explored multifaceted cooperation opportunities

■ Strengthening global energy leadership through the U.S.–Korea energy partnership ... Advancing front-end engineering design (FEED) work ahead of an EPC contract for four AP1000 units within Fermi America’s Project Matador, 11-gigawatt private energy campus ... Committed to building a sustainable cooperation framework in the field of large-scale nuclear construction to further strengthen U.S.–Korea nuclear collaboration

As the U.S. nuclear renaissance gains full momentum, Hyundai Engineering & Construction Co., Ltd. (Hyundai E&C) has stepped forward to help lay the foundation for the resurgence of the local large-scale nuclear power industry.

On February 10 (local time), Hyundai E&C hosted a “Large-Scale Nuclear Technology Seminar” at The Westin Dallas Downtown in Dallas, Texas. The event featured discipline- and field-specific professional sessions on large-scale nuclear power plant construction, aimed at enhancing local understanding of nuclear projects. At the same time, it served as a platform to enhance partnerships with leading local companies in support of the successful execution of the four-unit AP1000 nuclear power plant project planned within Fermi America’s Project Matador— an 11-gigawatt private energy campus outside Amarillo, Texas.

The seminar focused on the specialized nature of nuclear power plant construction, covering topics such as ▲nuclear construction standards ▲major mechanical installation disciplines ▲modular construction concepts and procedures ▲specialized nuclear construction works ▲heavy lifting ▲nuclear plant buildings ▲and workforce development and training of specialized personnel.

The event drew representatives from approximately 100 companies, including Texas-based construction firms as well as key stakeholders from the U.S. nuclear power and construction industries, resulting in a strong turnout. Attendees included representatives from top-ranked ENR (Engineering News-Record) contractors in the

United States, with whom Hyundai E&C has signed a series of partnership agreements over the past year to strengthen local collaboration. Based on the seminar content, participants shared relevant expertise and explored potential opportunities for cooperation.

Mesut Uzman, Fermi America Chief Nuclear Construction Office & CEO of Fermi Nuclear LLC, who attended the event, delivered congratulatory remarks, stating that, “AI-driven load growth is accelerating faster than most people realize. The next decade will be defined by who can build power infrastructure fast enough to support AI and industrial growth. Hyundai E&C brings the industrial scale and execution discipline needed to deliver significant energy projects like Fermi America’s Project Matador. We see this partnership with Hyundai E&C as a critical step toward rebuilding U.S. energy capacity.”

Given that years of suspended nuclear construction have led to a contraction of the domestic nuclear workforce and supply chain in the United States—creating challenges for the execution of large-scale projects—Hyundai E&C plans to use this seminar to enhance industry-wide understanding of nuclear power projects and to secure close cooperative relationships with highly capable companies, thereby strengthening its competitiveness in the local market.

Following the execution of a Front-End Engineering Design (FEED) service contract last year with Fermi America for the construction of four large-scale nuclear power units within Project Matador, Hyundai E&C is currently focusing its efforts on site layout planning, cooling system evaluations, and cost and schedule estimation, with the aim of executing an EPC contract in the first half of this year.

A Hyundai E&C official stated:

“We hope that this seminar, which shared practical knowledge and know-how across the full range of large-scale nuclear construction disciplines while showcasing Hyundai E&C’s global expertise and technical capabilities, will contribute to increasing participation by leading local construction companies in nuclear power projects. As Hyundai E&C and Fermi America continue ongoing discussions to explore a wide range of cooperation measures, including the pursuit of a large-scale nuclear EPC project, we will strive to go beyond simple project execution and establish a sustainable cooperation framework for nuclear power plant construction in Texas and across the United States.”