NANO Nuclear Energy and SJ Group Establish Collaboration to Advance Knowledge Exchange and Capability Building in Advanced Nuclear Energy across Southeast Asia

November 19, 2026

Collaboration combines NANO Nuclear's advanced reactor technology and nuclear fuel capabilities with SJ Group's extensive regional infrastructure development and project delivery expertise
Initial focus is on knowledge exchange, capability building and the assessment of advanced nuclear technologies, evaluating potential applications with a longer-term pathway toward commercialization across Southeast Asia

New York, N.Y. and Singapore, Nov. 19, 2026 (GLOBE NEWSWIRE) -- NANO Nuclear Energy Inc. (NASDAQ: NNE) ("NANO Nuclear" or the "Company"), an advanced nuclear energy and technology company developing microreactors, nuclear fuel cycle capabilities and nuclear transportation solutions, today announced that it has signed a Memorandum of Understanding ("MOU") with **Surbana Jurong Infrastructure Pte. Ltd., an affiliate of SJ Group,** a leading Asia-based infrastructure, engineering and urban development group ("SJ"), to advance knowledge exchange and capability building in advanced nuclear energy, and to explore potential applications of NANO Nuclear's technologies across Southeast Asia, subject to applicable regulatory requirements and national policy decisions.

With more than 60 years of experience delivering complex infrastructure projects across Southeast Asia and other regions, SJ brings established regional relationships and extensive engineering, planning and project delivery capabilities. The collaboration is intended to combine these capabilities with NANO Nuclear's **KRONOS MMR ™ Energy System**, developing nuclear fuel supply capabilities and specialized nuclear transportation services to support knowledge exchange and the assessment of advanced nuclear technologies and their associated infrastructure requirements.

The parties intend to initially focus on knowledge exchange and capability building, including technical exchanges on advanced nuclear technologies and their potential relevance to energy-intensive applications such as data centers and industrial facilities. The collaboration contemplates a phased approach, beginning with knowledge sharing, technology assessment and capability development, which may over time inform further assessments of potential applications across Southeast Asia, subject to applicable regulatory and export-control requirements, as well as national policy decisions.



Figure 1: NANO Nuclear Energy Inc. Signs MOU with SJ Group to advance knowledge exchange and capability building in advanced nuclear energy

Establishing a Framework for Knowledge Exchange and Capability Building

The collaboration represents an important step in NANO Nuclear's engagement with Southeast Asia by establishing a framework to work with an experienced regional infrastructure partner to share knowledge and build capabilities on the technical, regulatory and infrastructure considerations associated with advanced nuclear technologies. SJ is expected to contribute regional infrastructure planning, engineering and project delivery perspectives, supported by NANO Nuclear's reactor technology, nuclear engineering expertise and broader fuel cycle capabilities. The parties also intend to explore opportunities to develop regional engineering, supply-chain and project execution capabilities that could help inform future

assessments of advanced nuclear technologies.

The collaboration initially draws on NANO Nuclear's flagship **KRONOS MMR ™ Energy System**, a high-temperature gas-cooled reactor designed to produce up to 15 megawatts of electricity per unit. The technology is currently advancing through U.S. Nuclear Regulatory Commission review of a Construction Permit Application for its planned full-scale demonstration project at the University of Illinois Urbana-Champaign.

"We view Southeast Asia as an attractive market for advanced nuclear energy, driven by the region's growing electricity needs and focus on energy security, resilience, and decarbonization." **said Jay Yu, Founder and Chairman of NANO Nuclear Energy.** "Establishing this relationship with SJ represents an important step in our efforts to share knowledge and build capabilities with partners in Singapore and the broader Southeast Asian region. Their deep regional experience and infrastructure development capabilities, combined with our advanced nuclear technologies, provide a strong foundation to exchange expertise and assess potential applications of advanced nuclear technologies across Southeast Asia, in line with applicable regulatory requirements and national policy decisions."

"Singapore and the broader Southeast Asian region represent potentially significant long-term markets for advanced nuclear energy, particularly as demand for reliable, carbon-free power continues to grow." **said James Walker, Chief Executive Officer of NANO Nuclear Energy.** "SJ's regional infrastructure expertise and project development experience make them a valuable partner as we exchange knowledge and build capabilities. Our initial focus will be on knowledge exchange, technical assessment and capability building, which could provide a foundation for future, informed discussions on potential applications in the Southeast Asian region."

The MOU establishes a non-binding framework for cooperation and does not commit either party to a specific project, investment or deployment. Any future project, commercial arrangement or application of NANO Nuclear's technologies would be subject to applicable regulatory requirements, national policy decisions, technical and commercial feasibility, and the negotiation and execution of separate definitive agreements.

About NANO Nuclear Energy, Inc.

NANO Nuclear Energy Inc. (NASDAQ: NNE) is a North American advanced technology-driven nuclear energy company seeking to become a commercially focused, diversified, and vertically integrated company across three primary business lines: (i) cutting edge microreactor technologies, (ii) nuclear fuel supply chain, (iii) nuclear fuel transportation.

Led by a world-class nuclear engineering team, NANO Nuclear's flagship microreactor under development is the proprietary **KRONOS MMR ™ Energy System**, a stationary high-temperature gas-cooled reactor that's advancing through the formal U.S. Nuclear Regulatory Commission (NRC) licensing process following the University of Illinois Urbana-Champaign's construction permit application submission for the deployment of the microreactor at the university.

Advanced Fuel Transportation Inc. (AFT), a NANO Nuclear subsidiary, bolstered by the May 2026 acquisition of **Secured Transportation Services (STS)**, is the exclusive licensee of a patented high-capacity HALEU fuel transportation basket developed by three major U.S. national nuclear laboratories and funded by the Department of Energy. STS provides specialized transportation, logistics, project management, and technical services supporting the nuclear and radiological industries. STS brings decades of experience executing complex missions involving radioactive and other sensitive materials, with an emphasis on safety, security, regulatory compliance, and mission assurance.

Through its work with U.S. government agencies, national security partners, commercial organizations and international stakeholders, STS supports the safe and secure movement and management of nuclear and radiological materials in furtherance of U.S. national security, nonproliferation, and peaceful-use objectives.

HALEU Energy Fuel Inc. (HEF), a NANO Nuclear subsidiary, is focusing on the future development of a domestic source for a High-Assay, Low-Enriched Uranium (HALEU) fuel fabrication pipeline for NANO Nuclear's own microreactors as well as the broader advanced nuclear reactor industry.

For more corporate information please visit: https://NanoNuclearEnergy.com/

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Cautionary Note Regarding Forward Looking Statements

This news release and statements of NANO Nuclear's management and collaborators in connection with this news release contain or may contain "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995. In this context, forward-looking statements mean statements related to future events, which may impact our expected future business and financial performance, and often contain words such as "expects", "anticipates", "intends", "explore", "plans", "aim", "goal", "believes", "potential", "future", "will", "should", "could", "would" or "may" or derivations of these words and other words of similar meaning about the future. In this press release, forward-looking statements include those relating to the objectives, scope and potential outcomes of the non-binding MOU and the contemplated collaboration with SJ, including knowledge exchange, capability building and the potential assessment of applications of NANO Nuclear's technologies in Southeast Asia. These and other forward-looking statements are based on information available to us as of the date of this news release and represent management's current views and assumptions. Forward-looking statements are not guarantees of future performance, events or results and involve significant known and unknown risks, uncertainties and other factors, which may be beyond our control. For NANO Nuclear, particular risks and uncertainties that could cause our actual future results to differ materially from those expressed in our forward-looking statements include but are not limited to: (i) risks related to our U.S. Department of Energy ("DOE"), U.S. Nuclear Regulatory Commission ("NRC"), Canadian Nuclear Safety Commission ("CNSC") or related state or other U.S. or non-U.S. nuclear licensing submissions; (ii) risks related to the development of new or advanced technology and the acquisition or integration of complementary technology or businesses, including difficulties with design and testing, cost overruns, regulatory delays, integration issues, the development of competitive technology and the ability to generate revenue from acquired or development businesses and technologies; (iii) our ability to obtain and maintain key vendor, technology, project, financing and customer relationships and the significant funding necessary to execute on our business plan; (iv) uncertainty regarding our ability to technologically develop, license, manufacture and commercially deploy a competitive advanced nuclear reactor or other technology in the timelines we anticipate, if ever; (v) risks related to government regulation, policy, public procurement, export controls, supply-chain requirements and licensing requirements; and (vi) similar risks and uncertainties associated with operating a developing business in a highly regulated, competitive and rapidly

evolving industry, including that our plans may change and we may use our cash on hand faster or in different ways than anticipated as our business requires. Readers are cautioned not to place undue reliance on these forward-looking statements, which apply only as of the date of this news release. These factors may not constitute all factors that could cause actual results to differ from those discussed in any forward-looking statement, and NANO Nuclear therefore encourages investors to review other factors that may affect future results in its filings with the SEC, which are available for review at www.sec.gov and at https://ir.nanonuclearenergy.com/financial-information/sec-filings. Accordingly, forward-looking statements should not be relied upon as a predictor of actual results. We do not undertake to update our forward-looking statements to reflect events or circumstances that may arise after the date of this news release, except as required by law.

Attachment

- NANO Nuclear Energy Inc



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