



## NANO Nuclear Energy Bolsters the Engineering Team Overseeing the Development of its ODIN™ Microreactor with Three Additional Leading Professionals

March 28, 2025

New York, N.Y., March 28, 2025 (GLOBE NEWSWIRE) -- NANO Nuclear Energy Inc. (NASDAQ: NNE) ("NANO Nuclear" or "the Company"), a leading advanced nuclear energy and technology company focused on developing clean energy solutions, today announced that three additional professionals have joined its U.K.-based nuclear science and engineering partner Cambridge AtomWorks, led by Professors Ian Farnan and Eugene Shwageraus. Cambridge AtomWorks personnel are leading the development of NANO Nuclear's ODIN™, a low-pressure coolant microreactor.

Radwan Nassim Kheroua joins as a Nuclear Systems Engineer, Luke Godfrey as a Senior Nuclear Engineer, and Jake Miles as a Nuclear Engineer. Their appointments finalize NANO Nuclear's latest round of additions to its engineering team, building on the previously announced roles for Andrew Steer, Ph.D., as NANO Nuclear's Head of Regulatory Engagement and James Leybourn and Simon Boddington as Senior Nuclear Engineers.



*Figure 1 - NANO Nuclear Energy Inc. Appoints Radwan Nassim Kheroua as Nuclear Systems Engineer, Luke Godfrey as Senior Nuclear Engineer, and Jake Miles as Nuclear Engineer.*

Mr. Kheroua previously served as a Research Engineer in Reactor Thermal-Hydraulic Modeling at Framatome, where he carried out his first industrial research in nuclear fusion, working on plasma physics at CEA Cadarache and tritium monitoring with the United Kingdom Atomic Energy Authority's Culham Centre for Fusion Energy (UKAEA CCFE). He brings extensive expertise in reactor accident analysis and fuel safety case justification.

Mr. Godfrey previously served as Lead Thermohydraulic Engineer at Moltex, focusing on molten salt heat transfer, coupled reactor system modeling, and safety case development. During his time at Moltex, he was integral to designing the SSRW and FLEX reactors, leading thermal hydraulics, developing coupled simulation tools, contributing to safety cases development, planning verification and validation activities, and designing key experiments.

Mr. Miles earned a BSc in Physics from the University of Leeds and later completed a Master's degree in Nuclear Energy at the University of Cambridge. He briefly researched reactor physics and shutdown systems for high-temperature gas-cooled reactors before transitioning to the nuclear maritime industry, where he specialized in modeling and simulation of Molten Chloride Fast Reactors and their systems. In his new role, he will focus on shielding design and core optimization for the ODIN microreactor, supporting the technology's ongoing development.

"We are very pleased to continue expanding our engineering team with some of the top talent in the field of nuclear energy," said **Professor Ian Farnan, Lead of Nuclear Fuel Cycle, Radiation and Materials of NANO Nuclear**. "These additions bring us a wealth of technical knowledge and a deep understanding of nuclear technologies that will be leveraged to support the development and advancement of our proprietary microreactor systems."

"With the additions of Mr. Kheroua, Mr. Godfrey and Mr. Miles, together with our other recent hires, I believe we are assembling a leading team of nuclear engineers," said **Professor Eugene Shwageraus, Lead of Nuclear Reactor Engineering of NANO Nuclear**. "Their specialized expertise further strengthens our design process and supports a robust development schedule, ensuring we continue building on our momentum effectively."

As NANO Nuclear continues to expand its operations, it remains committed to developing cutting-edge nuclear solutions that redefine the global energy landscape. The addition of Mr. Kheroua, Mr. Godfrey and Mr. Miles' cutting-edge engineering talent will support NANO Nuclear's endeavors to tackle the particular challenges associated with the ongoing development of the proprietary 'ZEUS' and 'ODIN' microreactors, as well as the **KRONOS MMR™ Energy System** and the **LOKI MMR™** high-efficiency nuclear systems for remote and off-grid applications.

"It is a pleasure to welcome our newest additions to the engineering team overseeing the development of the ODIN microreactor," said **James Walker, Chief Executive Officer of NANO Nuclear**. "We've assembled a group of highly skilled professionals for this project, and I'm confident their arrival will significantly accelerate our development timeline and strengthen the ODIN microreactor's path toward demonstration, regulatory approval and ultimately commercialization."

#### **About NANO Nuclear Energy, Inc.**

**NANO Nuclear Energy Inc. (NASDAQ: NNE)** is an advanced technology-driven nuclear energy company seeking to become a commercially focused, diversified, and vertically integrated company across five business lines: (i) cutting edge portable and other microreactor technologies, (ii) nuclear fuel fabrication, (iii) nuclear fuel transportation, (iv) nuclear applications for space and (v) nuclear industry consulting services. NANO Nuclear believes it is the first portable nuclear microreactor company to be listed publicly in the U.S.

Led by a world-class nuclear engineering team, NANO Nuclear's reactor products in development include patented **KRONOS MMR™ Energy System**, a stationary high-temperature gas-cooled reactor that is in construction permit pre-application engagement U.S. Nuclear Regulatory Commission (NRC) in collaboration with University of Illinois Urbana-Champaign (UIUC), "**ZEUS**", a solid core battery reactor, and "**ODIN**", a low-pressure coolant reactor, and the space focused, portable **LOKI MMR™**, each representing advanced developments in clean energy solutions that are portable, on-demand capable, advanced nuclear microreactors.

**Advanced Fuel Transportation Inc. (AFT)**, a NANO Nuclear subsidiary, is led by former executives from the largest transportation company in the world aiming to build a North American transportation company that will provide commercial quantities of HALEU fuel to small modular reactors, microreactor companies, national laboratories, military, and DOE programs. Through NANO Nuclear, AFT 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. Assuming development and commercialization, AFT is expected to form part of the only vertically integrated nuclear fuel business of its kind in North America.

**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.

**NANO Nuclear Space Inc. (NNS)**, a NANO Nuclear subsidiary, is exploring the potential commercial applications of NANO Nuclear's developing micronuclear reactor technology in space. NNS is focusing on applications such as the **LOKI MMR™** system and other power systems for extraterrestrial projects and human sustaining environments, and potentially propulsion technology for long haul space missions. NNS' initial focus will be on cis-lunar applications, referring to uses in the space region extending from Earth to the area surrounding the Moon's surface.

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

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#### **Cautionary Note Regarding Forward Looking Statements**

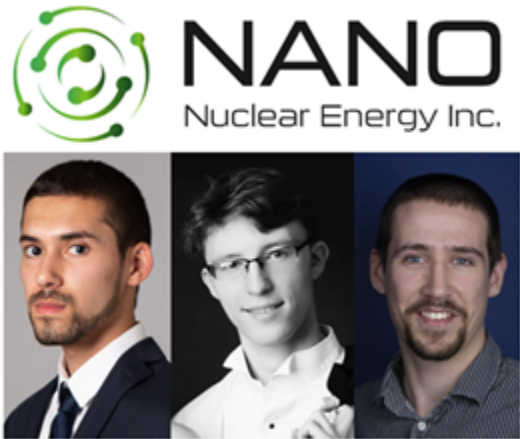
This news release and statements of NANO Nuclear's management in connection with this news release contain or may contain "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995. In this 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", "plans", "believes", "potential", "will", "should", "could", "would" or "may" and other words of similar meaning. In this press release, forward-looking statements includes those related to the anticipated benefits to NANO Nuclear of the appointment of the nuclear engineers, as well as the Company's regulatory plans in general, each as described herein. 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 the following: (i) risks related to our U.S. Department of Energy ("DOE") or related state or non- U.S. nuclear fuel licensing submissions, (ii) risks related the development of new or advanced technology and the acquisition of complimentary technology or businesses, including difficulties with design and testing, cost overruns, regulatory delays, integration issues and the development of competitive technology, (iii) our ability to obtain contracts and funding to be able to continue operations, (iv) risks related to uncertainty regarding our ability to technologically develop and commercially deploy a competitive advanced nuclear reactor or other technology in the timelines we anticipate, if ever, (v) risks related to the impact of U.S. and non-U.S. government regulation, policies and licensing requirements, including by the DOE and the U.S. Nuclear Regulatory Commission, including those associated with the recently enacted ADVANCE Act, and (vi) similar risks and uncertainties associated with the operating an early stage business a highly regulated and rapidly evolving industry. 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](http://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.](#)



**NANO Nuclear Energy Inc.**



**Figure 1 - NANO Nuclear Energy Inc. Appoints Radwan Nassim Kheroua as Nuclear Systems Engineer, Luke Godfrey as Senior Nuclear Engineer, and Jake Miles as Nuclear Engineer.**

Source: NANO Nuclear Energy Inc.