

Headquarters
4669 W. Lake Park Blvd.
West Valley City, UT 84120

California Office
28575 Livingston Ave.
Valencia, CA 91355

nusano.com
info@nusano.com

October 1, 2025

To:

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Director, Office of Nuclear Material Safety and Safeguards
Washington, D.C. 20555-001

Subject: Notice of Intent to Pursue a Construction and Operating License (COL) for the Production and Handling of High-Assay, Low-Enriched Uranium (HALEU)

On behalf of Nusano, Inc. ("Nusano"), I am pleased to submit this Letter of Intent (LOI) to the U.S. Nuclear Regulatory Commission (NRC) in anticipation of our forthcoming construction and operating application to support the production, possession, and transportation of High-Assay, Low-Enriched Uranium (HALEU). This LOI shall serve as our initial engagement with the NRC.

Nusano is developing a domestic HALEU production capability designed to strengthen the U.S. nuclear fuel supply chain and support the deployment of advanced reactors. Our proprietary technology leverages a mass separation process engineered for scalability, speed, and security, enabling us to meet the growing demand for enriched uranium.

We recently submitted an application in response to the Department of Energy's HALEU Nuclear Fuel Supply Chain Innovative Technology Notice of Funding Opportunity and are currently awaiting notification regarding the award. In parallel, we are preparing for NRC licensing activities and are submitting this LOI to formally initiate that process.

Nusano intends to develop a Regulatory Engagement Plan (REP) to facilitate effective and timely communication with NRC staff throughout the licensing process.

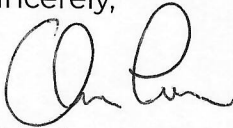
In support of our forthcoming COL application, we respectfully request that the NRC:

- Assign a project number and designate a project manager to facilitate coordination; and
- Schedule an initial pre-application meeting at the appropriate time to outline next steps and discuss potential topical reports for early alignment.

Should you require additional information or have any questions at this stage, please contact Danielle Siniscalchi at danielle.siniscalchi@nusano.com. We will be in touch to coordinate additional exchanges and to schedule any pre-application meetings necessary to outline the next steps in this process.

We appreciate your attention to this matter and look forward to working closely with the NRC in the months ahead.

Sincerely,



Chris Lowe
Chief Executive Officer
Nusano, Inc.

Cc:

NRC

John Monninger, Regional Administrator
Region IV Administrator

Neil O'Keefe, Chief
Region IV Materials Licensing Branch

Joseph Lopez, Director
Region IV Division of Resource Management and Administration

Nusano
Danielle Siniscalchi
danielle.siniscalchi@nusano.com

Enercon
Carolyn Rauffer
Principle Project Manager
crauffer@enercon.com