



ELYSIUM INDUSTRIES USA

May 8, 2020

The Honorable Conor Lamb
1224 Longworth House Office Building
Washington, D.C. 20515

The Honorable Dan Newhouse
1414 Longworth House Office Building
Washington, D.C. 20515

Dear Representatives Conor Lamb, Dan Newhouse, and Members of the House Committee on Science, Space & Technology,

It is with pride that ELYSIUM supports the successful passing of H.R.6097 and expresses its gratitude for the bipartisan leadership displayed in the crafting of the “Nuclear Energy Research and Development Act”.

ELYSIUM is a New York-based molten salt reactor (MSR) technology vendor that unites formerly anti-nuclear social entrepreneurs and former U.S. Naval Reactor advanced concepts designers. Together, we have created a culture of disruptive innovation that promotes the betterment of human quality of life throughout the world and the highest possible level of environmental stewardship.

A meeting of such minds can only occur in a society like ours. It is with this notion of complementarity and consensus that we have designed an advanced reactor concept capable of combining the use of passive safety (meltdown-proof) and low-pressure systems, the full disposition of nuclear waste materials (Spent Nuclear Fuel, Plutonium, Depleted Uranium, etc.), and enhancement of non-proliferation safeguards to facilitate technology export in both energy rich and poor economies. The ELYSIUM reactor possesses scalable power outputs (100-3000 MWt), which altogether demonstrate better economic promise as it provides utilities and countries with the flexibility and end-use versatility (electricity, water, process heat, etc.) they truly need.

In the same spirit of bipartisan dialogue, the House Committee on Science, Space, and Technology has demonstrated authentic and much needed leadership within an industry that requires a high level of technical fluency and has met much difficulty in ameliorating its public image. We applaud and are grateful for the Congressional efforts displayed in recent years; however we must ensure this effort only ramps upwards.

This bill helps set the record straight with the American people, who desire to invest their taxpayer dollars in reactor programs proposing meltdown-proof, nuclear waste, and weapons-burning capabilities and attributes. ELYSIUM is planning the construction of its demonstration unit by mid 2020s in the United States and this proposed legislation helps us respect that schedule, if not accelerate it.

If we are to step up to the challenge of competing with cost-effective Chinese and Russian state-owned technology vendors and financing packages, we ought to show our American capacity to innovate and leapfrog most, if not all, concepts in the market. This can only be accomplished by

improving our technology value proposition and the “Nuclear Energy Research and Development Act” is positioning the US advanced nuclear industry to achieve just that.

ELYSIUM remains highly enthusiastic and optimistic regarding the road ahead. We also remain at the full disposition of the House Committee of Science, Space, and Technology to provide information, whether technical or business-related, to aid in the bicameral and bipartisan passing of this trailblazing draft legislation.

Onwards and upwards,

Carl Perez

A handwritten signature in black ink, appearing to read 'Carl Perez', with a long horizontal stroke extending to the right.

Chief Executive Officer & Founder

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