



March 16, 2020

Dear Alaska State Legislature,

On behalf of Oklo, we write to voice our support for the passage of SB 194, a bill that will play a pivotal role in helping Alaskan communities secure a future of affordable, abundant, carbon-free electricity.

Oklo is an advanced reactor startup based in California. Our goal is to build reactors that people want; to design and deploy clean, nuclear energy that solves pressing, human issues. Early on, our mission found a natural home in Alaska, where affordable electricity generation can be an enormous challenge for rural and remote communities. Our recently unveiled Aurora power plant is designed with those needs in mind.

Our work in Alaska started several years ago. We have benefitted greatly from being one of Launch Alaska's portfolio companies. Through their network, we have connected with experts in the Alaskan energy sector who share our same goals. Through their expertise, we have obtained a deeper understanding of local market needs.

We have also been fortunate to participate in the University of Alaska Fairbanks microgrid competition as a winning recipient, and through which we have been working with researchers at the Alaska Center for Energy and Power to investigate and analyze opportunities where the heat and power product that our products can deliver. We have also participated in conversations about the applications of fission energy at the University of Alaska Anchorage. Altogether, these meetings have allowed us to meet representatives from rural villages, mining communities, and other areas that stand to benefit from small-scale nuclear energy.

Oklo's Aurora is designed specifically for them. It will be cleaner, cheaper, and more reliable than existing solutions. The Aurora is a small-scale fission battery that produces 1.5 megawatts of electric power, while also having the ability to produce usable heat. It can run for more than a decade without refueling; does not require a water source for cooling; and is self-stabilizing and inherently safe.

We are making rapid progress towards deploying our first reactor. We have been working with the Nuclear Regulatory Commission since 2016 to prepare for the regulatory review of the Aurora, and we recently submitted our license application to the NRC – the first of its kind for an advanced reactor. The U.S. Department of Energy's Idaho National Labs awarded Oklo access to a site and used nuclear fuel that the first Aurora will convert into clean energy.

Our aim is to provide affordable, reliable, carbon-free power to those Alaskan communities that need it most. We believe SB 194 will help us get there, enabling the deployment of advanced reactors and benefitting generations of Alaskans for decades to come.

If you have any questions or need any additional information, please contact us at hello@oklo.com or (650) 550-0127.

Sincerely,

Jacob DeWitte
Co-founder and CEO, Oklo