

Electric Age and the E-Bomb

By Lev Neymotin, PhD

About the Author

Lev Neymotin has worked on various U.S. Department of Energy nuclear nonproliferation and national security projects since the 1980s, based at Brookhaven National Laboratory on Long Island.

Background

Going back to my recent podcast related to Ray Bradbury's *Martian Chronicles* (watch here: <https://youtu.be/KarEG7natLc>), I was struck again by the idea of "electric bees" from one of the stories. In it, the guns of an automated house fired mechanical bees—tiny electric creatures launched like bullets. I couldn't help but extrapolate Bradbury's electric bullets to electric artillery shells and, ultimately, to E-Bombs. A regrettably unavoidable—and deeply alarming—extrapolation.

I believe that modern science and technology have barely scratched the surface when it comes to utilizing the immense energy stored in the form of electricity—electricity tightly packed and locked within every atom.

What & How...

To access this energy, we would have to loosen the super-strong nuclear forces that hold protons together in atomic nuclei. Once that "simple job" is done, we can take the first step—before the weaponization of electricity—by designing a Coulomb Engine, where fuel is injected into a "combustion chamber" economically, atom by atom.

Compare the electromagnetic pulse (EMP) released from one nuclear fission event with the energy that could potentially be released from the full decomposition of all protons in the nucleus of a single atom. The difference is mind-boggling. Of course, the real challenge would be how to capture and harness that released electromagnetic energy. But I realize—we're getting ahead of ourselves...

Electric Age

This brings me to the anticipation of the approaching Electric Age. The Nuclear Age began with the development of the A-Bomb and later transitioned to civilian nuclear power plants. Interestingly, the Electric Age is unfolding in the reverse order: it began with Elon Musk's Teslas and other civilian advances, but—inevitably and, as I've said before, regrettably—it

will transition toward the development of E-Bombs (Electric Bombs).

Strategically speaking, from my perspective, this transition must be led by the United States—not by any of our adversaries. And beginning that transition cannot come too soon.

Electric Project

Which brings me to my proposal: the establishment of the Electric Project, modeled after the Manhattan Project and its development of the A-Bomb. The mission of the Electric Project would be to develop the E-Bomb, deliberately and securely.

A good starting point would be assembling an Electric Team. And again, I stress: the establishment of this project cannot happen soon enough.

Hopes...

My hope is to reach those who might help make this vision a reality—visionaries like Elon Musk, and leaders like Donald Trump, JD Vance, and Pete Hegseth.

Help, anyone?

<https://youtu.be/KarEG7natLc>