

A Lattice Energy Converter

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As previously reported, a Lattice Energy Converter is capable of spontaneous-initiation and self-sustained production of ionizing radiation and the conduction of electricity from a specially prepared palladium electrode that is occluded with hydrogen without the use of naturally radioactive materials. While the LEC is relatively simple to construct and the experimental results have been replicated, the underlying processes are complex. In this paper, we will present experimental results along with analysis based on more than 150 years of research into the metal-hydride system and more than 120 years of research into the conduction of electricity through gases.