

Abstract Submitted
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Control of Tardive Thermal Power MITCHELL SWARTZ, JET Thermal Products, Wellesley, MA 02481 — Previously, calorimetric improvements including thermal power analysis, dual ohmic controls, noise measurement and time-integration of multi-ring calorimetric systems with waveform reconstruction has led to the development of PhusorTM devices providing undeniable proof of excess heat in palladium heavy water (Pt/ D_2O /Pd; 0.5 cm³, peak excess power ratios of 2.30 \pm 0.84; 1). We now report improved control of tardive thermal power (TTP) which develops long after the termination of electric input power. From an engineering perspective, this is important because the effective excess power generated is further greatly increased (up to an additional \sim 410% beyond that obtained without tardive thermal power operation); and because this improved means of operation can be coupled into over-unity motors and other work-producing systems. In addition, these systems have revealed further insight into the kinetics of the desired condensed matter reactions.

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