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**Experimental Evidence for LENR in a Polarized Pd/D Lattice**

S. SZPAK, P.A. MOSIER-BOSS, FRANK GORDON, SPAWAR Systems Center San Diego, San Diego, CA 92152 — Experimental evidence in support of claims that excess enthalpy production in a polarized Pd/D lattice is of a nuclear origin is questioned on various grounds, eg marginal intensity and difficulty in reproducing. Here, evidence is presented that is  $\approx 100\%$  reproducible and of sufficient intensity to be well outside of experimental errors. In addition to the thermal behavior, the nuclear manifestations include: X-ray emission; tritium production; and, when an operating cell is placed in an external electric field, fusion to create heavier metals such as Ca, Al, Mg, and Zn.

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