



The Anomalies in Navy Electrolyte Experiments at China Lake

These novel experimental anomalies, like those of Cold Fusion, were caused by using time as an energy source by transducing time-energy into spatial energy. Transducing one microsecond per second of time into spatial EM energy, yields nearly 10^{11} watts of power

- Melvin H. Miles and Benjamin F. Bush, "Radiation measurements at China Lake: Real or Artifacts?", *Proc. ICCF-7 (International Conference on Cold Fusion—7)*, Vancouver, BC, Canada, Apr. 1998, p. 101.

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Consistency of China Lake Anomalies

- ▶ Variation in LW-TW transduction from experiment to experiment
- ▶ Majority produced insufficient transduction to cause ionization discharge of the GM tube gas (to cause detection)
- ▶ Correlation between appearance of anomalous radiation and the expected time periods to load palladium with deuterium
 - Within few hours in co-deposit experiments where palladium is loaded with deuterium as it deposits from solution
 - Required days of electrolysis for rods that load much slower
- ▶ **The faster the deuterium loaded, the greater the interaction of deuterium in phase conjugating and self-targeting in lattice**
- ▶ Variation in GM detector readings
 - One would read anomalous radiation, another would be blind to it
 - A few experiments gave simultaneous readings from two detectors
- ▶ **Experiments perfectly consistent with LW-TW transduction, time-density charging, variation in GM time histories, and new conservation of energy law**

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Anomalous LW EM Emission Phenomena at China Lake (1)

- **Anomalous radiation from electrolysis in ionization processes**
 - Two experiments producing excess power
 - Dental X-ray film showed exposure
 - Simultaneous control study: no exposure
 - 20 experiments without excess power: no exposure
- **Excess energy strongly indicates excess film exposure**

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* Melvin H. Miles and Benjamin F. Bush, "Radiation Measurements at China Lake: Real or Artifacts?"

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Anomalous LW EM Emission Phenomena at China Lake (2)

- **GM and NaI detector reaction when electrolysis with heavy water ongoing**
 - Several Geiger-Muller (GM) tubes gave anomalous detection
 - Reached 73 sigma above background
 - No anomalies when experiment off
- **GM tube detects anything which causes its internal ionization**
 - Nuclear radiation is ionizing
 - Transduced x-ray & gamma is ionizing

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Sufficient LW-to-TW Transduction Ionizes GM Tube Gas (3)

- ***Time-history of detector involved***
 - Some GM detectors show anomalous high counts, some do not
 - Time histories of GM detectors are varied
 - Time histories of film vary minimally
- ***Experimental results consistent with***
 - *LW-to-TW transduction including delay*
 - *Time-energy charging*
 - *New extension to energy conservation law*

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Sufficient LW-to-TW Transduction Ionizes GM Tube Gas (4)

- **Time-history of detector involved**
 - Some GM detectors show anomalous high counts, some do not
 - Time histories of GM detectors are varied
 - Time histories of film vary minimally
- **Experimental results consistent with**
 - *LW-to-TW transduction including delay*
 - *Time-energy charging*
 - *New extension to energy conservation law*

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Consistency of Anomalies

- **LW-to-TW transduction varied from experiment to experiment**
- **Most experiments produced insufficient transduction to cause ionization**
- **Appearance of anomalous radiation correlated with expected time loading of palladium with deuterium**
 - Within few hours in experiments where palladium loads with deuterium as it deposits from solution
 - Required days for rods that load much slower

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Consistency of Anomalies (2)

- **Faster the deuterium loaded, the greater the interaction of deuterium in**
 - Phase-conjugating and self-targeting
 - Producing time-reversal zones
 - Generating quasi-nuclei of H⁺ ions (protons)
- **Variation in GR detector readings**
- **Experimental results predictable by**
 - LW-TW transduction and time-reversal zones
 - Varying time-density charging on GM tubes
 - Variation in GM tube experience histories
 - Time-reversal zones generating electronuclear interactions and quasi-nuclei of H⁺ clusters

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Experimental LW Emission Phenomena in Electrolysis

- ▶ Anomalous radiation from electrolysis in ionization processes
 - Two experiments producing excess power
 - Dental x-ray film showed exposure
 - Simultaneous control study: No exposure
 - 20 experiments without excess power: No exposure
- ▶ Excess energy strongly indicates excess film exposure
- ▶ GM and NaI detector reaction when electrolysis ongoing w/heavy water
 - Several Geiger Muller (GM) tubes gave anomalous detection
 - Reached 73 σ above normal background counts
 - No anomalies when experiment off
- ▶ GM tube detects anything which causes its internal gas to ionize
 - Nuclear radiation is "ionizing" radiation
 - Transduced x-ray and gamma radiation is "ionizing" radiation
 - Sufficient LW-TW transduction ionizes GM gas
- ▶ Time History of detector involved
 - Some GM detectors show anomalous high counts, some do not
 - Time histories of GM detectors vary appreciably
 - Time histories of film vary minimally
- ▶ Experiments consistent with time-density charging, LW-TW transduction, and new conservation of energy law

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