

Abstract Submitted
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Search for radiation signals from electrolytic cells DENNIS J. CRAVENS, Southern Christian University, Cloudcroft, NM — There have been many reports of observed heat generated above joule heating from electrolytic systems. A high current density electrolytic system was designed to test for radiation signals other than IR from an electrolytic process. The system employs current densities on the order of 100 Amps/cm² and uses a large Beryllium sulfate heavy water neutron moderator/reflector. The search is planned to look at the visual spectrum, neutron emission, gamma emission, alpha emission and electrical signals in the current flow to the system. The electrolysis is performed with a heavy water solution, and materials with large neutron cross sections will be employed at the electrodes. Results of the on-going investigation will be reported.

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