

**\*\* Division 1000 News Notes Submission Form \*\***

Please complete all sections and obtain approval following Center review and approval process. After receiving approval of content and concurrence with sensitivity marking, please email the final version to Tanci Wilson at: [tlwilso@sandia.gov](mailto:tlwilso@sandia.gov).

Technical POC:**Name:** Jay Johnson**Org:** 1718**Phone #:** 505-284-9586**Email:** jjohns2@sandia.gov**Date (m/d/yy):** 10/25/2012

[If Appropriate, please include website references (URLs), photos, event dates, and media references.]

**Topic Area:** Professional Activities

If "Other" is selected, please describe:

**Program Funding Source(s) [eg. LDRD, DARPA, NW Program]:** DOE EERE**Manager Approval:** Kent Schubert**Date:** 10/25/2012

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**Title:** Sandia Expertise Guides New Photovoltaic Requirements

**Summary** (provide paragraph): Sandia National Labs' Photovoltaic (PV) Arc-Fault Detection and Mitigation team has gained worldwide renown as a leader in the science of photovoltaic arc-faults. As a driver of groundbreaking experimental and numerical simulations in this area, codes and standards bodies have called on Sandia to improve requirements for arc-fault circuit interrupters. Sandia has advised the National Electrical Code making panel on changes to the 2014 requirements, is working closely with Underwriters Laboratories to refine the U.S. photovoltaic arc-fault circuit testing requirements, and is collaborating with the International Electrotechnical Commission to establish an international arc-fault circuit interrupter standard.