

Weekly News Notes – Division 8000**Technical Achievement Award:**

Chris Moen (Manager 8365 – Thermal/Fluid Science & Engineering) received the technical achievement award for safety, codes and standards at the 2009 DOE Hydrogen Fuel Cells and Infrastructure Technology annual merit review.

Submitted by Art Pontau, 8360, 925-294-3159

Chicago Mercantile Exchange (CME) Using Open Source BIOS Coreboot developed by SNL-Led Team:

The Chicago Mercantile Exchange (CME) is using Coreboot, an open source BIOS developed by a team led by Ron Minnich (8961). BIOS is the firmware used by computers to boot the operating system, so it runs before the operating system itself is loaded. CME is moving to Coreboot because 1) servers utilizing Coreboot take less time to boot up; 2) with Coreboot, CME can run a stripped-down operating system, which would be less likely to display "OS jitter," or performance impacts from the operating system on its application, and 3) Coreboot allows for improved performance diagnostics. Ron Minnich started the Coreboot project (formerly known as LinuxBIOS) while at LANL in 1999. Coreboot is now used by over 14 different companies in hundreds of products where speed, reliability, and security are important drivers. For more information, see

www.coreboot.org.

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