

# **P1682 Trial Use Standard for Qualifying Fiber Optic Cables, Connections, and Optical Fiber Splices for Use in Safety Systems of Nuclear Power Generating Stations**

## **Status Update**

**SC-2**

**November 10, 2009**

**Sarasota, FL**

# History

- PAR Approved 11 Nov 2005
- WG formed Fall 2005
- First meeting 13 Mar 2006
- PAR Extension Approved thru 12/2012

# Project Status

- Working group in basic agreement on content and approach.
- Mild environment qualification is essentially finished; harsh environment has issues related to different temperature dependence of fiber vs. polymeric materials. Essentially all 1E fiber is now installed in mild environments.
- Current membership: 28, subject to further review, probable number ~24
- Expect to prepare a “white paper” outlining topics discussed during writing

# Tentative (and Optimistic) Timeline

- WG Ballot Complete Jan 2010
- SC2 to receive “draft copy” for review in Feb or Mar 2010 prior to SC2 meeting 10-1
- Resolution of SC2/ICC comments during summer
- Preview at NPEC either July 2010 or Jan 2011
- Official ballot 2011