

2.15/P1682 Preview

SC-2

April 20, 2010

P1682 Update

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

History

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

Project Summary

- WG meeting 4/19 resolved remaining technical and editorial comments
- Resulting changes are all considered minor

Unique Considerations

Comparison with IEEE-383/572

2.15 primarily addresses the optical fiber characteristics, 383 addresses the insulation characteristics

2.15 is an integrated cable and “components”, i.e. splices, connectors, connections document

Optical Fiber Characteristics

X Characteristics that are unique

Dose rate sensitivity

Recovery of RIA

Inverse Temperature

Input power

Questions?