

**E7 Working Group – IEEE Guide for Electric Power Substation
Physical and Electronic Security (1402)
2010 Winter Meeting – Orlando, FL
Wednesday, 1/13/2010 1pm-3:10pm**

Meeting Notes

Chair: Hassein (Jack) Bashirian

Vice Chair: Gary Engmann

Acting Secretary: TJ Roe

Meeting called to order by Chair Jack Bashirian at 1:04pm

The following members were in attendance:

Hassein (Jack) Bashirian, Gary Engmann, TJ Roe, Kerry Barzack, Marcus Brendle, George Gressco, Sam Sciacca, Neil Sike

After a review of the meeting notes from the Nashville meeting, the main agenda was to introduce and discuss the “Proposed Scope and Table of Contents” for the revision of Standard 1402 (originally approved June 7, 2000). The group is addressing the standard from two basic aspects, electronic and physical security. As noted previously, the last survey of substation practices was from 1994 and a suggestion is to develop a survey in this area to garner current and best practices. It was also suggested that the group research and come to a clear understanding of other standards/requirements in this area (i.e. NERC guidelines).

Gary pointed out that we need to define a design basis, “what are we protecting against?” Sam suggested that the standard should cover “all access - by both authorized and unauthorized personnel”, which would require the logging of all entrants and alarming. Coordinating with the cyber-security group was considered essential and Sam agreed to act as Liaison.

Further discussion included consideration of what size substation might be covered (all, above minimum size, leave to discretion of utility?). Other design requirements suggested were video surveillance, card access (at gate, at control house, on cabinet?), perimeter detection. Should we define these things (design) in 1402 and not where it gets applied? A suggestion was made that perhaps a matrix was the best way to address; like low, medium, high risk.

There was consensus that at a minimum, the standard should address: protecting the safety of personnel, protecting physical assets, and preventing access to cyber assets.

It was suggested that members consider between now and May meeting whether this should be written as a “standard” or as a “guide”, with the implications of requirements or suggestions.

Action Items:

All: read previous standard and proposed scope (from Nashville) and prepare comments/suggestions for next (May) meeting.

All: identify/invite other material experts to participate and gather info on existing practices

The meeting was adjourned 3:10pm

Next meeting: May 19, 2010 – Montreal, 1pm