



**Southwest Power Pool
SYSTEM PROTECTION AND CONTROL WORKING GROUP and SPP UFLS
Standard Drafting Team Meeting
MINUTES
June 24, 2011
10:00 a.m. – 11:00 a.m.
Net conference**

Item 1 – Administrative:

The System Protection and Control Working Group (SPCWG) meeting was called to order at 10:00 a.m. The agenda was approved (Attachment 1 – Agenda).

Following members were available for this meeting:

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|----------------------|-------------|
| Heidt Melson | : SPS |
| Louis Guidry | : CELE |
| Shawn Jacobs | : OG&E |
| Bud Averill | : GRDA |
| Ken Zellefrow | : SPRM |
| Ron McIvor | : OPPD |
| Lynn Schroeder | : WERE |
| Brent Carr | : AECC |
| Steve Wadas | : NPPD |
| Tim Hinken | : KCPL |
| Robert Dowdy (proxy) | : AEP |
| Jason Speer | : SPP Staff |

Other meeting attendees were:

| | |
|----------------|--------|
| Tracey Stewart | : SWPA |
| Syed Ahmad | : FERC |
| Doug Johnson | : SWPA |
| Larry Harp | : SWPA |

Item 2: SWPA DME Waiver Request

SWPA requested a waiver from requiring installation of DDR/DFR/SOE equipment in the Brown switching station. (Attachment 2 – SWPA DME Waiver) According to Section 7.1.2 of the SPP Criteria,

DDR capabilities are required at all new EHV substations, operated at 345kV or higher, and all new generating stations of 400 MVA or greater placed in service after January 1, 2008. In addition, any new substation placed in service after January 1, 2008 containing six (6) or more lines operating at 100 KV and above will be required to have DDR capabilities. However, when additional lines placed in service after January 1, 2008 are added to an existing substation that results in six (6) or more total lines, then DDR shall be required for monitoring all elements within the substation as defined in 7.1.1.3 These requirements may be waived at SPP's discretion.

Although seven lines are connected at the Brown switching station, one 138kV line is 30 yards long connecting to the adjacent 138kV OKGE Brown substation. A second 138kV line interconnects to the Denison Substation, which is in the ERCOT system.

SWPA has installed Schweitzer relays on all 138kV lines from the Brown switching station except for the WFEC Hugo line.

Since there are no Digital Fault Recorders (DFR) at any adjacent substations, the SPCWG decided to not grant a waiver for the DFR equipment at the Brown switching station.

The SPCWG also discussed the idea of granting a Dynamic Disturbance Recorder (DDR) waiver. The group decided that they would need more information, such as a stability report to determine the dynamic ability of the area. The request for a DDR waiver will be presented at another time once more information has been received.

Item 3: SWPS Multiple DFR's Question

This agenda item was not covered in this meeting.

Item 4: Closing Administrative Duties

The next face-to-face meeting is scheduled for August 10-11, 2011 in Dallas.

The net conference was adjourned at 11:15 a.m.

Respectfully submitted,

Jason Speer, Secretary