Meeting notes for Working Group D3 Nashville

Chair: Hanna Abdallah

Meeting October 20, 2011

- 1. Introduction of member and guests
 - a. There were 17 members and 23 guests presents at this meeting. See attendance list at the end of the minutes.
 - b. There were a total of 34 members in the working group.
- 2. IEEE Patent Slides were shown.
- 3. Review meeting notes-Chicago. No corrections noted.
- 4. Review and update meeting agenda
- 5. Presentation William Munn
 - a. Issue with tertiary on autbank having to handle 82 kA of fault current for 3.5 cycle fault
 - b. Currently guide does not cover thermal limits for conductors as the above slides. Annex C covers thermal limits but not of the conductors itself. Should this be added to guide? Can we add the data curves for the conductors?
 - c. Does Equation (3) or Equation (4) in 8.2.2 resolve the concern?
- 6. Discussion of the thermal equations and ampacity
 - a. Hanna Abdallah showed some tables that highlight a discrepancy between calculated ampacity and simplified method increases as bus size increases
 - b. Chuck Haahr showed a table that highlight a discrepancy between the tables in Annex B and the calculation method.
- 7. Made the working group aware of found issues with the guide.
- 8. Discussed work to be done on new PAR.
- 9. Next meeting Raleigh North Carolina May 20, 2011

Submitted for review,

Chuck Haahr

Attendance:

| Chair | Hanna | Abdallah | Power Engineers |
|-----------|-----------|-----------|--|
| Member | Thomas | Barnes | Allen & Hoshall, Inc |
| Member | Steven | Brown | Allen & Hoshall, Inc. |
| Vice- | Jean- | | |
| Chair | Bernard | Dastous | Hydro Quebec/IREQ |
| Guest | W. Bruce | Dietzman | Oncor Electric Delivery Company |
| Member | Richard | Keil | Commonwealth Associates Inc. |
| Member | Dave | Kelley | Salt River Project |
| Member | Dave | Kelley | Salt River Project |
| Member | Robert | Nowell | Commonwealth Associates, Inc. |
| Member | Hamid | Sharifnia | PacifiCorp |
| Guest | Doug | Smith | SEFCOR, Inc. |
| Member | Brian | Story | Entergy |
| Member | William | Thompson | Power Engineers,Inc. |
| Guest | William | Thompson | Power Engineers,Inc. |
| Member | Don | Wengerter | Wisconsin Public Service |
| Guest | Joseph | Bell | Pacificorp |
| Member | Brian | Stephens | Ameren |
| Member | Ryan | Stargel | Tennessee Valley Authority |
| Secretary | Charles | Haahr | Sega Inc. |
| Guest | Alexander | Wong | Hydro One |
| Member | William | Munn | Alabama Power Company - Southern Company Deisgn and Construction |
| Member | Dewan | Jamir | Burns & McDonnell Engineering Company |
| Member | David | Stamm | Sega, Inc. |
| Member | Hassein | Bashirian | Southern Company Services |
| Guest | Jody | Cathey | Allen & Hoshall, Inc. |
| Guest | Adam | Zook | Sargent & Lundy LLC |
| Member | Bob | hobbs | Global Product Manager |
| Guest | Robert | Cochran | Seattle City Light |
| Guest | Keith | Graham | Dominion |
| Member | Ross | Twidwell | Beta Engineering LLC |
| Member | Thomas | Amundsen | Sargent & Lundy, LLC |
| Guest | Yaowu | Zhang | Powell Industries, Inc. |
| Guest | Yaowu | Zhang | Powell Industries, Inc. |
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