

Report from CIGRE A3 to IEEE Switchgear Committee 5/10/2007

Joint symposium on International standards for UHV 18 – 21 July 2007 Beijing China info
www.iec.ch/uhv

SC A3 has 10 active working groups, and one active task force.
Of these 9 groups have direct relevance to Switchgear:

Designation	Title	Convener
WG A3.06	Reliability of HV Equipment (failure survey)	Carl Einar Solver (S)
WG A3.11	Application guide for IEC 62271-100	Heinz Schram (D) complete
WG A3.12	Circuit Breaker Controls	Harley Wilson (US) complete
WG A3.13	Changing Network Conditions	Anton Jansen (NL)
WG A3.15	Non Conventional Instrument Transformers	Pier Tantin (FR)
WG A3.16	Fault Current Limiters	Heino Schmidt (D)
WG A3.17	Surge Arresters	Bernard Richter (D)
WG A3.18	Grading Capacitors	Magne Runde (N)
WG A3.19	3 phase line fault TRVs	Roy Alexander (US)
WG A3.20	Simulations to replace/extend testing	Martin Kriegl (CH)
WG A3.21	Interaction of Nonceramic housings for HV components and the components	Michele DeNigris (IT)
WG A3.22	Equipment Parameters for voltages beyond 800kV	Hiroki Ito (JP)
TF A3.01	Statistical Analysis on HV Circuit Breakers in service	Rene Smeets (NL)

The application guide for IEC 62271-100 is complete published as 2 CIGRe Brochures.

3 phase line fault TRV, report being written . If CB applied above 80% of its short circuit rating consult manufacturer for 3 phase line fault capability. We expect it to be OK

I will be working on description of a WG for Power Capacitors covering internal bank transient voltages involved with switching, and element failure.

A Colloquium and Study Committee A3 Meeting is scheduled for September 10-14 2007 in Rio de Janeiro Brazil. [A3.* WG meetings 10,11 September; Colloquium 12,13 September, SCA3 meeting 14 September]

Any questions? Please contact me.

Respectfully submitted

Roy Alexander
USA rep to CIGRE Study Committee A3 “Electrical Equipment”