

ISO 9001 REGISTERED

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RECLOSER CONTROLLER SIMULATED SURGE ARRESTER OPERATION TEST REPORT

Client:	Schweitzer Engine	eering Laboratories, Inc	., 2350 NE Hoj	pkins Court, Pullman, WA – 99163, US	
Test Date:	16 November and 17 November, 2010		Project:	20380-27	
Nameplate Da	ta:				
Three-Phase I Manufacturer: Model: Part No.: Serial No.:	SEL-6511	er Engineering Laborat २ VAA8211X3XX	ories, Inc., Pull	Iman, WA, USA	
Three-Pole Re Manufacturer: Model: Impulse Level Rated Voltage: Rated Current: Serial No.:	Cooper F Kyle Rec (BIL): 150 kV _{pec} 27 kV _{rms}	12.5 kArms interrupting		, USA	
Test Witnesse	es: Mark Fel	is, Schweitzer Enginee	ring Laboratori	ries, Inc., Pullman, WA, USA	
Test Standard	I: IEEE Std	C37.60-2003, Clause 6	6.13.2: "Simula	ated Surge Arrester Operation Test"	
Atmospheric .	Conditions:	Temperature Relative humidity Barometric pressure	<u>16 Noveml</u> 16.4 °C 47.3 % 751.5 mmł	16.5 °C 38 %	
Nominal Test	Voltage and Current	: 120 kV (150 kV * 0.8	8), 7 kA _{peak}		
Test Configur	ations Tested (in acc	ordance with the above	e standard):		
A – Five surges of positive polarity and five surges of negative polarity were applied each of the three source bushing with the recloser open (total ten surges per bushing) B – Five surges of positive polarity and five surges of negative polarity were applied each of the three source bushing with the recloser closed (total ten surges per bushing C – Five surges of positive polarity and five surges of negative polarity were applied each of the three load bushing with the recloser closed (total ten surges per bushing). D – 15 surges of positive polarity and 15 surges of negative polarity were applied t properly rated transformer with the recloser closed. E – 15 surges of positive polarity and 15 surges of negative polarity were applied to properly rated transformer with the recloser closed.					
Test Results:		The controller and switch complied with the requirements of IEEE Std C37.60-2003, Clause 6.13.2, configurations A to E.			
Remarks:	None				
ested by:	at the second		Pou	viewed by:	

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