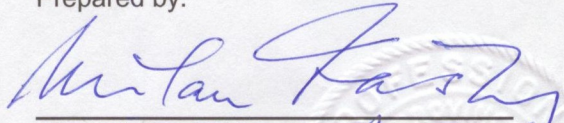



CONTROLLER SIMULATED SURGE ARRESTER OPERATION TEST REPORT

Client:	Schweitzer Engineering Laboratories, 2350 NE Hopkins Court, Pullman, WA 99163-5603, USA		
Test Date:	16 & 17 August 2004	Project: 15193-27	
Nameplate Data:			
Controller:			
Manufacturer:	Schweitzer Engineering Laboratories, Pullman, Washington, USA		
Model No.:	0351R2128411XX2		
Serial No.:	2004125247		
Recloser:			
Manufacturer:	Cooper Power Systems		
Type:	VVVE		
Impulse level (BIL):	125 kV _{peak}		
Rated voltage:	27 kV _{rms}		
Rated current:	800 A _{rms} continuous; 12 kA interrupting		
Serial No.:	9688		
Control cables:	Model C510 & Model C515		
Test Witness:	Darin McKee & Kenneth G. Workman, Schweitzer Engineering Laboratories		
Test Standard:	IEEE Std C37.60-2003, Clause 6.13.2: "Simulated Surge Arrester Operation Test"		
Atmospheric Conditions:	16 August 2004	17 August 2004	
	Temperature	25.9 °C	25.2 °C
	Relative humidity	48 %	46 %
	Barometric pressure	758.6 mmHg	758.4 mmHg
Test Current:	7 kA _{peak}		
Test Configurations (in accordance with the above standard):			
<p>A – surges applied to the source bushing with the recloser open B – surges applied to the source bushing with the recloser closed C – surges applied to the load bushing with the recloser closed D – surges applied to a properly rated transformer with the recloser open E – surges applied to a properly rated transformer with the recloser closed</p>			
Test Results:	The controller and recloser operated normally following the Simulated Surge Arrester Operation Test performed in accordance with the test procedures as per the above standard. The controller complied with requirements of IEEE Std C37.60-2003, Clause 6.13.2.		
Remarks:	None		

Prepared by:


Milan Vasko, P.Eng. 24 Aug 2004
Senior Electrical Engineer

Approved by:


A.J. Vandermaar, P.Eng. 04/08/04
Manager, High Voltage Laboratory

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