Apprentice Name: _____

Step 5 - Apprentice System Operator Job Competency / Demonstration Form

	COMPETENCIES/SKILLS	RATING
#1	Define FERC.	
#2	Define NERC.	
#3	Explain the jurisdiction you have as a system operator at your utility.	
#4	Explain your duties and responsibilities as a system operator at your utility.	
#5	Demonstrate your ability to manage a small outage of 1-20 consumers.	
#6	Demonstrate your ability to manage a large outage of 100+ consumers.	
#7	Demonstrate your ability to perform clearance and switching orders.	
#8	Demonstrate your ability to operate a breaker remotely, open and close.	
#9	Demonstrate your ability to operate a breaker remotely, Hot Line Tag (HLT) on and off.	
#10	Demonstrate your ability to operate a breaker remotely, Non-reclose on and off.	
#11	Demonstrate your ability to operate a breaker remotely, Cold Load Pick-up on and off.	
#12	Explain your utility's process to write and approve switching orders.	
#13	Write a set of switching orders for removal and replacement of a voltage regulator on your system.	
#14	Write a set of switching orders for transferring load in a substation for maintenance on a power transformer.	
#15	Explain the difference between Non-reclose and Hot Line Tag.	
#16	Explain how your utility's SCADA system and substation communicate.	
#17	Demonstrate your ability to dispatch a lineman to an outage, using the utility's radio system.	
#18	Demonstrate your ability to dispatch a lineman to an outage, using the utility's mobile data system if applicable.	
#19	Explain the purpose of a substation DC system.	
#20	Explain what data is available on your utility's SCADA system regarding the DC system. i.e., voltages, alarms, etc.	
#21	Discuss the voltages and locations of your utility's DC systems. (stations, communication sites, UPS, etc.)	
#22	Ability to follow directions.	
#23	Positive attitude toward work and others.	

RATINGS:
Exceeds Expectations
Meets Expectations
Below Expectations

COMMENTS/REMARKS

I find this apprentice competent in the skills listed above and ready to advance to the next level.

Supervisor's signature: _____ Date: _____