Sequence of Commissioning DWO Digital Exciters

Unit will never come to an actually stop during starts and stops unless there is a mechanical/electrical issue with the unit. The unit will remain turning after being stopped and prior to being restarted.

Wednesday, 1/22:

* Start unit and ramp to speed no load, stay at speed no load for about 6 hours while testing and calibration take place.

Thursday, 1/23:

* Unit will be in normal operating range brought up to increments of 25%, 50% and possibly 75% MW load.

Friday, 1/24:

* Unit will be in normal operating range brought up to increments of 75% and 100% MW load.

Monday, 1/27:

* Turbine governor modeling. Unit will be tested for governor response at 50%, 80% and 100% loads. This test will involve unit starts and stops, but only minimal time at speed no load as required to synchronize the unit.
* Exciter efficiency testing. Unit will be operated at positive and negative VARS at 25%, 50%, 75% and 100% load

Tuesday, 1/28

* Continuation of exciter efficiency testing as necessary