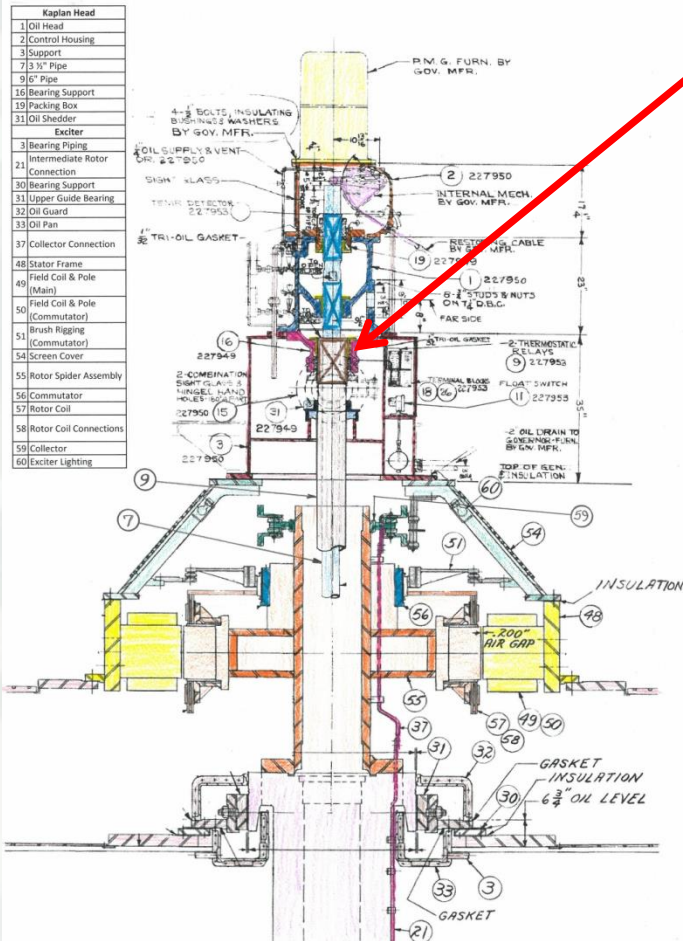
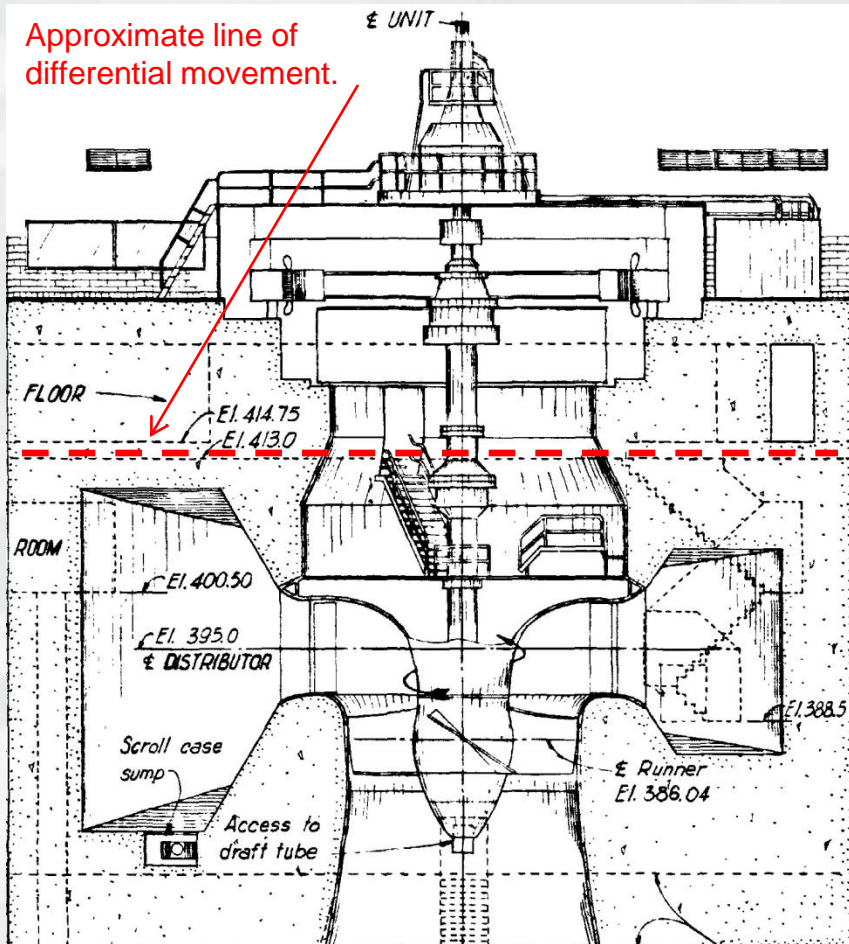


# Barkley Power Plant Unit 3



- Lower Kaplan Head Bushing – recurring failure.
- Bushing has failed three times since the exciter was refurbished by TVA in Sept. 2011.
- 1st Failure - Oct. 5th, 2011
- Placed back in service - March 27, 2012
- 2nd Failure - August 1st, 2012
- Placed back in service - April 24, 2014
- 3rd Failure - June 21, 2014
- Path Forward (expected return to service Mar. 2015)
  - HDC is fully engaged and reviewing failure data, design data and repair information.
  - Preparing specifications for metallurgical analysis on bushings and sleeves.
  - Preparing repair plan and additional investigation activities during disassembly.

# Old Hickory Power Plant Unit 4



- A PDT is engaged to prepare plans and specifications to repair/rehab Unit 4. Scope includes rewind, re-stack the core, turbine refurbishment, re-center turbine, discharge ring refurbishment and unit re-alignment. Current planned date to return Unit 4 to service is June 2018.

- A separate PDT is engaged to determine if and to what extent powerhouse movement has contributed to Unit 4 problems. Currently monitoring powerhouse movement monthly and issuing a contract for concrete core sampling and testing.