SCS AND JSS GENERATOR REWINDS



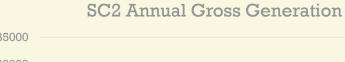


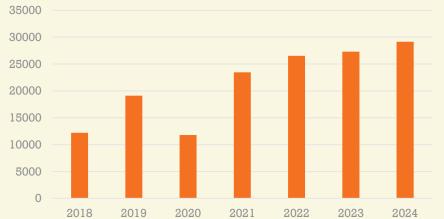


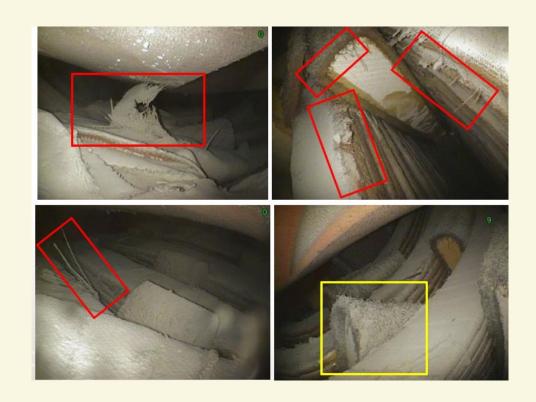


SCS AND JSS GENERATOR REWINDS

- Rotors last rewound 34 years ago for SC1 and SC2, original for JS1 and JS2 (52 years)
- Stators are all original for all four generators (52-53 years)
- Increased starts and operating hours in recent years
- Known degraded conditions and stator temperatures on one generator causing summer derate



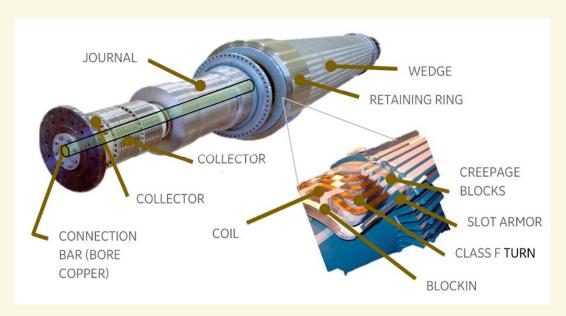




Boxes indicate areas of degradation

REWINDING THE ROTOR AND STATOR

• Scope includes rewinding the rotor and stator. Also replacing retaining rings which have a known material deficiency issue that has been monitored for cracking



Generator
Frame

Brush Gear
for
Excitation

Connection
rings

Connection
and seals

Stator Core
Generator
Rotor

End-winding
End Shield

Generator
Bearing

Generator
Bearing

Generator Rotor



Generator Stator

Replace 18-5 Retaining Rings