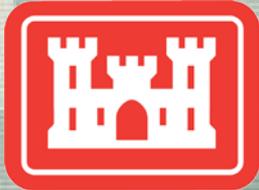


# Mobile District Maintenance Update

Southeastern Federal Power Alliance

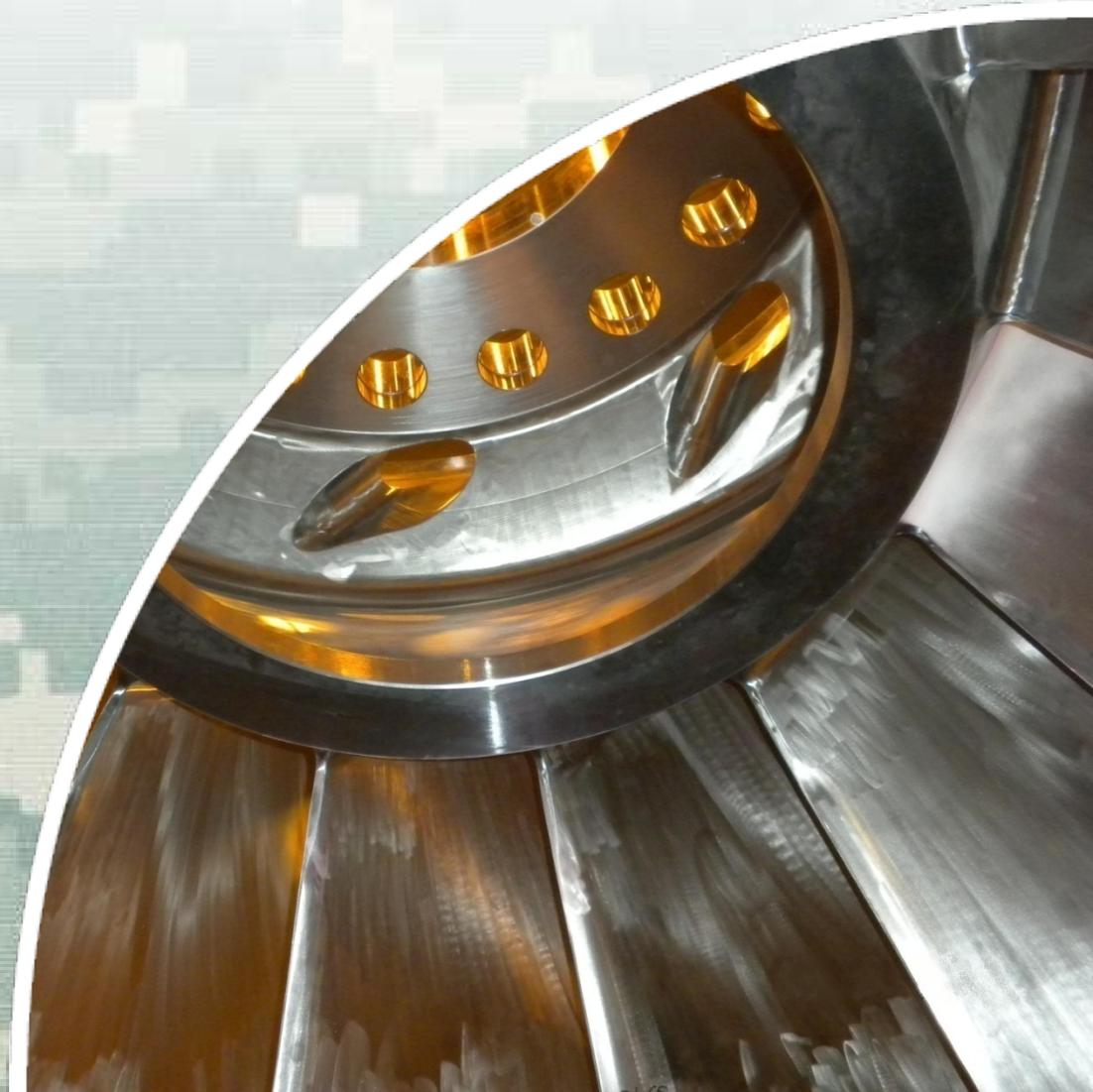
April 2, 2015

Christopher S. Ludwig, P.E.  
U.S. Army Corps of Engineers  
Mobile District



®

US Army Corps of Engineers  
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# Major Maintenance Update

- Carters Units 3 & 4 Rewind
  - ▶ Scope
    - Rewind generator\motors 3 & 4
    - Replace generator air coolers
    - Repair\refurbish draft tube gates
    - Structural modifications to rotor spider
    - Replace failed instrumentation
    - Replace exciter PLC's
    - Cooling Water Supply System
    - Procure alignment tooling



## ■ Carters Units 3 & 4 Rewind

### ▶ Status

- Rewind plans and specs complete
- Detailed cost estimate complete
- Source selection process complete, awaiting award
- Award delayed due to additional legal review
- Cooling water supply P&S under development



- Allatoona
  - ▶ Status
    - Switchyard is complete
    - Structural analysis is complete, results indicate that only minimal repairs are necessary to replace the delaminated sections of concrete and areas where micro-fractures are evident.
    - Temporary power now being supplied from GA Power
    - Governor and exciter design in progress
    - Controls design 90% complete
  - ▶ Next Steps
    - Secure funding to continue repair\restoration efforts
    - Repair crane, disassemble and clean generators
    - Perform renovations to control, switchgear, and spread rooms
    - Execute remainder of original transformer\station service install contract
    - Award control system installation contract

