



**PROJECT DETAILS AND PROGRESS:**

**Contract 140095 – Mechanical and Electrical Installation**

- Closed pipe penetrations and installed silicone for enclosures
- Killed bolts, cleaned, and prepared for media in inlet air filter
- Fabricated and installed evaporative cooler piping
- Fabricated and installed instrument air piping
- Fabricated and installed service water piping at plant
- Installed fire mist tubing inside enclosures
- Installed trim pieces inside enclosures
- Formed and installed grout for acoustic barrier, exhaust frame blowers, and exhaust duct
- Started hydraulic pump, lube oil pump, racket system, and oil mist eliminator to run through the night with observation from plant personnel
- Fabricated fire protection piping supports and other miscellaneous supports
- Coupled the starting package to the turbine shaft
- Enabled the racket system and rotated the turbine shaft 180 degrees in preparation for alignment
- Operated AC lube oil pump through the night with observation from plant personnel
- Took measurements and made moves on generator for final alignment
  
- Terminated and labeled cable in accessory enclosure
- Installed lighting and receptacles in generator area
- Installed conduit and boxes for Gai-tronics
- Terminated JB-77A
- Installed welder outlets
- Installed PIs and TIs on cooling water and plant air

**MDU/GE Check-out**

- Loop checks
- Calibrations
- MCC buckets
- Established communications to voltage regulator EX2100

**MDU Gas**

- Started hydrostatic test on transmission gas piping in gas yard – trouble with pumps
- Dewatered from testing transmission gas piping in gas yard

**PROJECT OPEN ITEMS / CONCERNS:**

- None not already discussed
- Construction Equipment: 3900 crawler crane, 40-ton rubber tire crane, 2 fork lift (JLG Skytrak), 2 man lifts, 1 skid steer (Bobcat T550)
- Visitors: Pete Thiessen (MDU)

Montana-Dakota Utilities Company  
R.M. Heskett Station Unit 3  
Project No. 11-0274-04



Service water piping installation (looking NE)

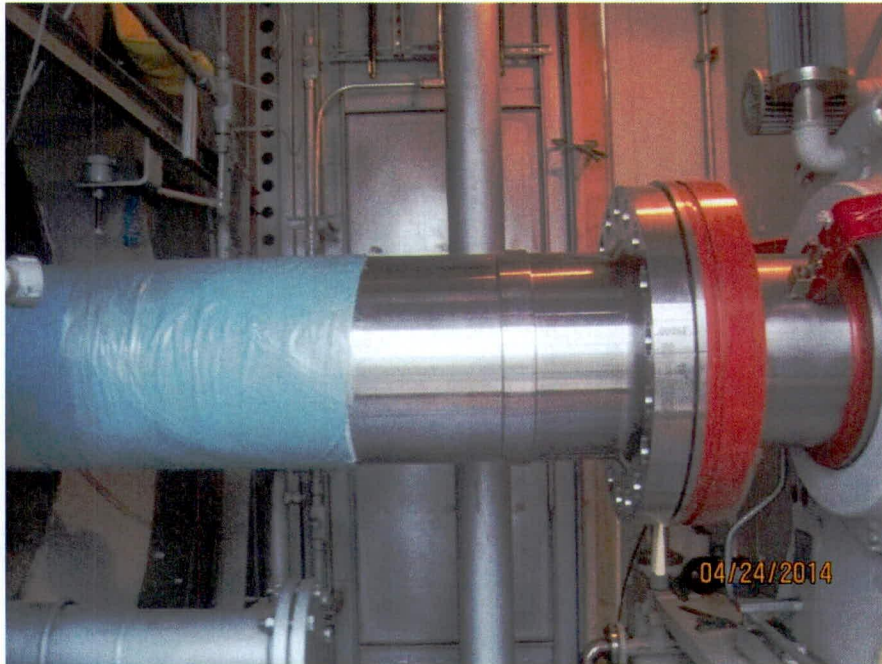


Acoustic barrier grout installation (looking S)

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Lighting and Gai-tronics installation (looking E)



Turbine shaft generator connection (looking W)