



PROJECT DETAILS AND PROGRESS:

Contract 140095 – Mechanical and Electrical Installation

- Installed cooling water modifications
- Installed cooling water piping insulation
- Continued crane tear-down and demobilized
- Installed lifting beam steel above and inside accessory enclosure
- Installed cooling water expansion joints
- Installed trash/rat guard on generator
- Repaired exhaust blower instrumentation
- Poured conduit seal-off packing
- Completed punch list items and loaded tools and equipment

MDU/GE Check-out

- Checked out various loops
- Checked numbers for probes under turbine
- Checked out relay switch jumpers
- Started and continued ratcheting
- Started cranking motor and tested emergency stop successfully
- Started cranking motor to purge speed, came down to firing speed but tripped due to RTD
- Circulated cooling water and cleaned screen; drained and re-filled system
- Installed valve tags
- Attempted false fire but tripped due to specific gas valve leakage rate
- Reviewed “red flag” check list to provide “green light” for first fire

MDU Gas

- Purged air in gas piping from gas yard through coalescing filter to GE stop valve

PROJECT OPEN ITEMS / CONCERNS:

- None not already discussed
- Construction Equipment: 40-ton rubber tire crane, 1 fork lift (JLG Skytrak), 1 man lift
- Visitors: Pete Thiessen (MDU)

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



Fuel gas insulation installation (looking E)



Cooling water expansion joint installation (looking E)

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Accessory lifting system installation (looking N)



Generator trash guard installation (looking S)