



PROJECT DETAILS AND PROGRESS:

Contract 140095 – Mechanical and Electrical Installation

- Welded inlet support legs
- Restored cooling water piping
- Closed and sealed fuel gas penetrations
- Cleaned inlet air filter house and basin
- Installed turbine platform steel grating
- Installed piping insulation
- Tore down 3900 crawler crane
- Inventoried GE parts from conex and placed on pallets to move to Service Building
- Installed lifting beam steel above accessory enclosure
- Packed seals and prepared to pour
- Fabricated and installed heat trace box for instruments; installed stickers, breakers, and heater
- De-terminated JB34
- Installed main gate junction box
- Completed punch list items and loaded tools and equipment
- Accepted delivery of platform grating

MDU/GE Check-out

- Checked out evaporative cooler instruments
- Checked out water wash skid and pump rotation and finalized
- Checked out various functional checks
- Inspection of the inlet air filter house and generator
- Tested RTD and JB5A and took resistance measurements
- Back fed from UAT
- Checked out cranking motor rotation and function (bumped and ran motor)
- Checked out IGVs
- Functionally checked gas module after tubing modification complete
- Checked out open/closed alarms
- Reviewed “red flag” check list to provide “green light” for first fire

PROJECT OPEN ITEMS / CONCERNS:

- None not already discussed
- Construction Equipment: 3900 crawler crane, 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
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Coalescing filter heat trace installation (looking S)



West turbine enclosure platform installation (looking W)

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Piping insulation installation (looking SW)



Instrument heated box installation (looking W)