



PROJECT DETAILS AND PROGRESS:

Contract 140095 – Mechanical and Electrical Installation

- Formed, installed grout, and stripped forms for stands and supports
- Cleaned inlet air filter house and basin and installed media
- Restored fuel gas piping from testing
- Installed east and west, indoor and outdoor turbine platform steel
- Welded keys and bolt tabs and installed guards in turbine
- Added passivation chemical and circulated water through cooling water piping and drained
- Adjusted thrust on rotor and recorded reading
- Installed bleed heat and fuel gas piping insulation
- Adjusted clearance between starting motor and torque converter coupling
- Installed valve tags
- Removed shipping plastic in exhaust duct
- Completed punch list items and loaded tools and equipment

- Installed heat trace conduit and terminated cable
- Installed conduit and concrete from plant gate to card reader and card reader concrete pedestals at both plant and main gates
- Cleaned and installed covers for EMH 2 and 3
- Completed punch list items

MDU/GE Check-out

- Checked out various loops
- Set limit switch on fuel gas safety shut off valve
- Rewired and checked out water wash wiring, I/O points, valves
- Checked out ground fault detector
- Checked out evaporative cooler instruments
- Checked out bleed heat positioner and valves
- Turned on power to exciter and JB 64F
- Checked out communication relays
- Checked out inlet guide veins (IGVs) in inlet
- Checked out backfeed of PTs and shorting blocks
- Checked out inlet plenum thermocouples
- Inspected the inlet air filter house
- Checked out exhaust thermocouples
- Checked out gas control valves
- Accomplished functional checks of load and gas compartment vent fans
- Accomplished functional checks of exhaust frame blowers
- Checked out BOP I/O points
- Tagged 15kV switches and placed in proper position for GSU energization
- 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, 2 fork lift (JLG Skytrak), 2

completed by: Aaron Armbricht

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MDU Heskett 3 progress report - week ending
5-12-2014



SITE WEEKLY REPORT
MONTANA-DAKOTA UTILITIES CO.
R. M. HESKETT STATION UNIT 3

Week of 5/12/14
PSC: PU-11-631



man lifts

- Visitors: Pete Thiessen (MDU)

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



Card reader pedestal and conduit installation (looking E)



East turbine enclosure platform installation (looking W)

Montana-Dakota Utilities Company
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Fuel gas heat trace installation (looking SE)



Fuel gas insulation installation (looking W)