

Kennedy Repairs One of the Largest Pumps In Michigan



Our team after unloading 5 truck loads



Indicating diffuser bowl to check concentricity of registers and machine case ring fit

PROBLEM:

A cooling tower pump at a nuclear power plant was operating at low efficiency due to wear. The pump had been in service for 16 years. Kennedy Industries last repaired their pump in 2001.

SOLUTION:

The Kennedy team worked around the clock to remove, rebuild, and install the pump in 14 days. (4 days of transportation)

Key benefits for our customer:

- Kennedy is the only pump company in the mid-west having repair and assembly experience with this pump.
- Coordinated all repair logistics, and 5 semi-trucks to transport components between the plant and our repair facility.
- Kennedy ordered raw materials and manufacturer parts prior to pump arrival for faster turnaround.
- All castings were glass bead blasted to bare metal at our repair facility and went through a thorough NDE (Nondestructive Examination) process and precision inspection to ensure quality.

PUMP DATA

Brand: Hitachi type SP-CV
 Pump weight: 233,000 lbs.
 Discharge size: 96"
 Design capacity: 205,000 GPM
 Motor: 7000 HP, 86,000 lbs.
 Length: 38'



Rotor assembled and ready for balancing



After being assembled outside pump is being lifted to install in pump basin