

KENNEDY REPAIRS ONE OF THE LARGEST PUMPS IN MICHIGAN

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.



INDICATING DIFFUSER BOWL TO CHECK CONCENTRICITY OF REGISTERS AND MACHINE CASE RING FIT



ROTOR ASSEMBLED AND READY TO BE BALANCED

PUMP DATA:

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



OUR TEAM AFTER UNLOADING 5 TRUCK LOADS

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.



AFTER BEING ASSEMBLED OUTSIDE PUMP IS BEING LIFTED TO INSTALL IN PUMP BASIN