



HIGHLIGHTS

- Replaced worn gearing onsite with new, previously delivered gear set
- Provided teams of two Nuttall and two Regal Rexnord service technicians for 24 hr/day work schedule
- Tight 4-5 day service window during planned refueling outage
- Work completed in 3 days

Service Success Story



Speed Increaser

Urgent Onsite Nuclear Power Plant Drive Repair

PROBLEM

A nuclear power plant located in New York had an urgent need for service on their Nuttall speed increaser. The gearbox is installed on a large main feedwater pump that increases the pressure of the water supplied to the steam generator.

The gearing in the original speed increaser, supplied by Nuttall in 1967, had become obsolete and was nearing the end of its service life. Nuttall had supplied the customer with a new gear set several years ago which was stored in anticipation of the need for eventual replacement.

During a recent refueling outage, the customer determined that the gear set had to be replaced immediately. Unfortunately, it was towards the end of the planned outage and they feared they would miss their restart date, putting end customer energy needs at risk. The repair needed to be completed in 4-5 days in order to come out of the outage on their planned date.

SOLUTION

The nuclear facility contacted Nuttall Gear to perform the necessary service on the speed increaser. They requested two technicians per 12-hour shift to ensure 24-hour coverage during the very tight 4-5 day service window.

To meet the urgent request, Nuttall Gear put in an emergency call for additional field service technicians from the vast Regal Rexnord service network. Two Regal Rexnord technicians flew to New York on the same day to meet up with two Nuttall technicians onsite. The combined teams worked around the clock and finished the speed increaser's gear set replacement in just 3 days.

The customer was extremely pleased and impressed with the "whatever-it-takes" support response provided by the Nuttall Gear and the Regal Rexnord service teams as they completed the critical service work well within the limited timeline.

US (Application Assistance)

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