

Newsletter

BAL/10/002
February 2010

Balvac Completes Further Tendon Monitoring Works at Oldbury

Back in 2004 Balvac won a term contract to carry out tendon monitoring works at Oldbury Nuclear Power Station. The initial award was for annual visits over a three year period, with an option for a further two years. This option was taken up by Magnox.

More recently Balvac won a further term contract in 2009 in competitive tender. We have now successfully completed our first year's monitoring works under the new contract, to programme and within budget.

The tendons at Oldbury each comprise 12No strands in a (now obsolete) male and female cone type anchorage. Great care was required in the setting up of multistrand jacking equipment for load checking to ensure an even load take up between strands and thus minimise the likelihood of wire breakages.

All works were carried out strictly in accordance with Magnox work procedures, using stressing equipment owned by the station since it was originally constructed. Completed QC record sheets for the various tasks were handed to Magnox for review each day.



Each visit comprises a schedule of jack calibrations, visual inspections of tendon anchorages, load checks, shimming and tendon corrosion samples (detension, remove and sample, replace, stress). Occasionally additional works are instructed as a result of discovery of significant tendon corrosion or wire/strand failures.

Well done to the Post Tensioning team, and we look forward to many more years of work at Oldbury.

Richard Bailey
Richard Bailey
Operations Director

Oldbury Nuclear Power Station.

Balvac has been working at Oldbury for many years and has built a strong relationship with the client, Magnox Electric.

Balvac also carry out similar works for British Energy at Hunterston B. Power Station

Visit us at:
<http://www.balvac.co.uk/>