

Valve Division Annual Outages / Shutdowns / Services 2010

We are coming to the end of an interesting year indeed. Starting with two critical outages at Growhow UK Ltd's Ammonia 4 and Nitric Acid 4 Plants, moving on to Scottish Power's Ryehouse Power Station, followed by Scottish & Southern Energy's Ferrybridge Power Station, followed by Scottish Power's Damhead Creek and then on to Scottish & Southern Energy's Medway Power Station, Veolia's Energy from Waste Plants at Sheffield, Portsmouth and Southampton not to mention Blackburn Mill and ongoing activities at Lucite. In front of us we still have Ineos (Newton Aycliffe) Ltd and Premier Power's Ballylumford Power Station in Ireland. In addition, we have been placed on the shortlist for Barking Power's valve refurbishments contract and we are returning to Growhow for their WNA1 outage on 4 October 2010. All in all, it's been possibly the busiest and certainly the most diverse year the Valve Division has ever experienced.

Premier Power Ltd owns and operates two power stations on the Ballylumford site in Islandmagee, a new state of the art CCGT facility and a conventional turbine plant (B Station). Also on site, are two open cycle gas turbine units (OCGT's) that can be used in the event of a system emergency.

The plants are situated on the north western tip of Islandmagee in County Antrim, opposite the sea port of Larne, Northern Ireland.

The valve refurbishment element of the 2010 statutory outage has been awarded to MCE Group plc and commences in October. This is the largest independent Power Station in Ireland.



Ballylumford's 600MW Power Station

Operated by Thames Power Services, it is one of the largest independently-owned generating plants in the UK being capable of generating 1000MW of electricity - about 2% of the peak electricity demand in England and Wales. The station uses Combined Cycle Gas Turbine (CCGT) technology, with gas as its primary fuel, and has a lower environmental impact than older stations. CCGT technology is one of the cleanest and most efficient forms of power generation. Barking is able to generate at more than 50% thermal efficiency and produces low levels of emissions.



Barking's 1000 MW Power Station

Veolia Environmental Services operate Energy from Waste plants located in several major inner City environments situated throughout the United Kingdom.

MCE Group plc provides both valve product, refurbishment, shutdown and diagnostic services to their Sheffield, Portsmouth, Southampton and Tyseley (Birmingham) facilities and we are currently looking to extend these services to their Marchwood and Chineham operations.



Energy from Waste Plant Sheffield

Quality Assurance



It is pleasing to note that we have once again been successful in coming through the annual audit against the provisions of ISO9001: 2008, as conducted by SGS Limited during the month of September. The new certificate now includes our V-cal in situ test equipment, which has also been certified by HSB Inspection Ltd. Thus, the equipment is now certified to carry out hot testing in full production environments.

TVM Surveys

Graeme Brooks is starting to resemble Alan Whicker as he jumps off one plane on to another in his busy program of TVM Surveys. He was in Taiwan one week, Southern Ireland the next and then Baglan Bay in Wales the following week. It's encouraging to note that Clients are becoming more and more interested in TVM as we continue to drive the benefits into their engineering forums.

Achilles Verify (Used by the Utility Companies)

On 16 November 2010 we shall be subjected to the next Verify Audit. This takes into account our performance in Quality, Environment, Health and Safety, both in our management systems and including an on-site assessment. Our current certificate shows a Category B2 assessment as follows:

Management Systems		On-site assessment	
Health & Safety	90.6%	Health & Safety	92.7%
Environment	90.2%	Environment	92.4%
Quality	94.7%	Quality	98.2%

Since the last assessment, we have been concentrating on improving these scores and would hope to achieve an even higher result at the next audit, our current scoring, according to Achilles themselves is excellent when viewed against the average performance of all companies in the UK which is 75%

Foreground: RUSAL Aughinish Alumina Refinery Gate Valves being refurbished in the workshop.



Remember! Wherever you are and whatever you're doing, be it at work or in the home

