

Wafer knife gate valves for slurried fly ash

Larox Flowsys, Lappeenranta, Finland, has supplied DN 300 wafer knife gate valves to NRG Energy's Big Cajun II power plant in Ventress, Louisiana, USA, for controlling flows of fly ash slurries. Problems were experienced maintaining a tight seal with the previously installed knife gate valves. There was a tendency for the cavity at the bottom of the valves to become jammed with material from the flowing medium. Two Larox wafer knife gate valves were purchased and installed earlier this year and, as a result of their satisfactory performance, a further three units have been ordered. These valves are built with a cast body and feature a heavy-duty stainless steel gate. Removable seats on either side of the blade provide a bi-directional bubble-tight seal, with no metal parts in contact with the slurry. www.larox.fi