

Reservoir Repair and Upgrade: Still the same issues?

ANDREW DODD, Jacobs UK Ltd

SYNOPSIS. Data has been collated on remedial and upgrade works on over 200 dams and nearly 400 separate remedial works activities worldwide. An assessment of the works shows that the most common works required are stabilisation works, works to outlets and then grouting / cut-off works. Of the driving forces behind the works 65% come from reactive forces, i.e forces internal to the project such as deterioration and 35% from pro-active forces such as legislation. A comparison of the reactive forces shows that the breakdown of causes in this data set is essentially the same as that produced by ICOLD in 1983.