

Improving Dam Safety: Auxiliary Spillway Design

I. J. CALLENDAR, Atkins, Epsom, UK

A. K. HUGHES, Atkins, Epsom, UK

G. A. CLARK, Atkins, Epsom, UK

SYNOPSIS. This paper describes aspects of the design and construction of a new auxiliary spillway, incorporating a labyrinth weir and collapsible safety screens, for an existing cyclopean masonry dam. The works were required to comply with current dam safety legislation. The role of Designer was undertaken by Atkins Limited on behalf of South West Water Ltd (SWW). At the time of writing the works were substantively complete.