

Design of Rehabilitation Works at Ulley Reservoir

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SYNOPSIS. Ulley Reservoir, near Rotherham in South Yorkshire, suffered serious damage during a storm in June 2007 and required emergency repairs. As a result of the incident, a Section 10 Inspection was recommended. The subsequent report identified a number of significant matters in the interests of safety.

The development and implementation of three of the measures are described in this paper, namely the rehabilitation of the upper three metres of the core, a new spillway and a new drawdown system. In addition the reservoir safety contingency arrangements for constructing the works with the reservoir part full are described.