

**TECHNIQUES DEVELOPED FOR ACCURATE SCALE MODELLING OF  
REINFORCED CONCRETE STRUCTURES AND THE RESULTS FOR A GENERIC  
MODEL**

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During the past 40 years AWE Foulness have developed specialized techniques to study the vulnerability of hardened reinforced concrete structures to nuclear blast using scale modeling and modest amounts of high explosives. The paper describes the techniques used to scale accurately the parameters involved, and presents the results for a typical generic structure to validate the methodology.