

Office for Nuclear Regulation

An agency of HSE

Redgrave Court Merton Road Bootle Merseyside L20 7HS
Tel: 0151 951 4000 www.hse.gov.uk/nuclear

EDF AND AREVA UK EPR GENERIC DESIGN ASSESSMENT
GDA ISSUE
BEYOND DESIGN BASIS BEHAVIOUR OF THE CONTAINMENT
GI-UKEPR-CE-03 REVISION 1

Technical Area	CIVIL ENGINEERING		
Related Technical Areas	PSA		
GDA Issue Reference	GI-UKEPR-CE-03	GDA Issue Action Reference	GI-UKEPR-CE-03.A1
GDA Issue	There is not yet sufficient justification of the beyond design basis behaviour of the EPR containment structure.		
GDA Issue Action	Support assessment of the beyond design basis analysis approach by providing adequate responses to any questions arising from assessment by ONR of documents submitted during GDA Step 4 but not reviewed in detail at that time. Based on a high level review of the documents and assurances provided to date I have sufficient confidence in the design process to conclude that it should be possible to provide a suitable demonstration of the beyond design basis performance.		

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GI-UKEPR-CE-03 REVISION 1

Technical Area	CIVIL ENGINEERING		
Related Technical Areas	None		
GDA Issue Reference	GI-UKEPR-CE-03	GDA Issue Action Reference	GI-UKEPR-CE-03.A2
GDA Issue Action	Provide a justification of the approach used for the development of the containment fragilities used in the PSA analysis by comparison with the approaches used for beyond design basis assessment. Based on a high level review of the documents and assurances provided to date I have sufficient confidence in the design process to conclude that it should be possible to provide a suitable demonstration of the containment fragility. With agreement from the Regulator this action may be completed by alternative means.		