

# 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](http://www.hse.gov.uk/nuclear)

## EDF AND AREVA UK EPR GENERIC DESIGN ASSESSMENT

### GDA ISSUE

### SEISMIC ANALYSIS METHODOLOGY

### GI-UKEPR-CE-06 REVISION 1

<b>Technical Area</b>	<b>CIVIL ENGINEERING</b>		
<b>Related Technical Areas</b>	None		
<b>GDA Issue Reference</b>	<b>GI-UKEPR-CE-06</b>	<b>GDA Issue Action Reference</b>	<b>GI-UKEPR-CE-06.A1</b>
<b>GDA Issue</b>	There is not yet sufficient justification of the methodologies proposed for the seismic analysis of the UK EPR and treatment of the design of the Raft foundation.		
<b>GDA Issue Action</b>	<p>Support assessment associated with the methodology for the seismic analysis of the raft foundation and nuclear island superstructures and provide adequate responses to any questions arising from the assessment by ONR of documents submitted during GDA Step 4 but not reviewed in detail at that time</p> <p>Based on my full assessment of the earlier reports and a limited, high level review of the reports recently received, I have sufficient confidence in the approach to conclude that it should be possible to provide a suitable demonstration of the suitability of the methodologies proposed.</p> <p>With agreement from the Regulator this action may be completed by alternative means.</p>		