

EDF AND AREVA UK EPR GENERIC DESIGN ASSESSMENT
GDA ISSUE
STRUCTURAL INTEGRITY – RPV SURVEILLANCE SCHEME
GI-UKEPR-SI-02 REVISION 1

Technical Area		STRUCTURAL INTEGRITY	
Related Technical Areas		None	
GDA Issue Reference	GI-UKEPR-SI-02	GDA Issue Action Reference	GI-UKEPR-SI-02.A1
GDA Issue	<p>RPV Surveillance Scheme – Implications of Change in Neutron Energy Spectrum Caused by the Heavy Reflector.</p> <p>Demonstration that the principles of the surveillance scheme adequately take account of the implications of the difference in neutron energy spectra between the location of the specimens and the RPV wall.</p>		
GDA Issue Action	<p>Demonstration that the principles of the surveillance scheme adequately take account of the implications of the differences in neutron energy spectra between the location of the specimens and the RPV wall. This is expected to include the following activities:</p> <ul style="list-style-type: none"> • Provision of evidence showing that the principles of the surveillance scheme adequately take account of the implications of the differences in neutron energy spectra between the location of the specimens and the RPV wall; • Justification of the concepts inherent in the analysis and interpretation of the surveillance scheme results including the treatment of uncertainties and consideration of any implications for the withdrawal scheme; • Adequate responses to questions arising from ONR assessment of documents submitted as a result of this Action. <p>With agreement from the Regulator this action may be completed by alternative means.</p>		