

## WESTINGHOUSE AP1000® GENERIC DESIGN ASSESSMENT

### GDA ISSUE

### INTERNAL MISSILE SAFETY CASE

### GI-AP1000-IH-05 REVISION 0

Technical Area		INTERNAL HAZARDS	
Related Technical Areas		None	
GDA Issue Reference	GI-AP1000-IH-05	GDA Issue Action Reference	GI-AP1000-IH-05.A1
GDA Issue	Identify and substantiate the claims, arguments and evidence that constitute the internal missile aspects of the internal hazards safety case.		
GDA Issue Action	<p>Identify and substantiate the claims, arguments and evidence that constitute the internal missile aspects of the internal hazards safety case. This substantiation should take consideration of the following:</p> <ul style="list-style-type: none"> <li>• Identification of all potential areas where missiles could result in loss of more than one division or train of protection, including failures associated with pressure part failure.</li> <li>• Analysis of the potential consequences associated with internal missile generation.</li> <li>• The identification and substantiation of all engineered prevention features e.g. component integrity, overspeed systems, trip functions etc. claimed for the protection of redundant trains against the effects of internally generated missiles.</li> <li>• The identification and substantiation of all nuclear significant hazard barriers claimed for the protection of redundant trains against the effects of internally generated missiles.</li> </ul> <p>The list above should not be considered to be exhaustive and the items detailed above are provided as a means to inform Westinghouse of my expectations.</p> <p>With agreement from the Regulator this action may be completed by alternative means.</p>		