

Enclosure 3

MFN 14-052, Revision 1, Supplement 2

GEH Revised Response #2 to RAI 06.02.01.01.C-1

ABWR DCD Revision 6 Markups

IMPORTANT NOTICE REGARDING CONTENTS OF THIS DOCUMENT Please Read Carefully

The information contained in this document is furnished solely for the purpose(s) stated in the transmittal letter. The only undertakings of GEH with respect to information in this document are contained in the contracts between GEH and its customers or participating utilities, and nothing contained in this document shall be construed as changing that contract. The use of this information by anyone for any purpose other than that for which it is intended is not authorized; and with respect to any unauthorized use, GEH makes no representation or warranty, and assumes no liability as to the completeness, accuracy, or usefulness of the information contained in this document.

Table 6.2-2 Containment Design Parameters

	Drywell	Wetwell
A. Drywell and Wetwell*		
1. Internal Design Pressure (kPaG)	309.9	309.9
2. Negative Design Pressure (kPaG)	-13.7	-13.7
3. Design Temperature (°C)	171.1	124
4. Net Free Volume (m ³)	7350	5960
5. Maximum allowable leak rate [†] (%/day)	0.5	0.5
6. Minimum Suppression Pool Water Volume (m ³)	—	3455
7. Suppression pool depth (m)		
Low Level	—	6.9
High Level	—	7.1
B. Vent System		
1. Number of Vents		30
2. Nominal Vent Diameter (m)		0.7
3. Total Vent Area (m ²)		11.6
4. Vent Centerline Submergence		
Low Level, (m)		
Top Row		3.4
Middle Row		4.8
Bottom Row		6.1
5. Vent Loss Coefficient (Varies with number of vents open)		2.5 - 5.0

* Items A.1, A.2, A.3 and A.5 apply to related structures including lower drywell access tunnels, drywell equipment hatches, drywell personnel locks and drywell head.

† Corresponds to calculated peak containment pressure related to the design basis accident conditions. Excludes MSIV leakage.

** Overall Vent System Loss Coefficient. Includes Flow Loss Coefficient Contribution of 1.7 for the Drywell Connecting Vent (DCV).