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

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~~ 4.2 - 6.7

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* 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).