

## **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**

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Table 6.2-2 Containment Design Parameters

|  | Drywell | Wetwell   |
|--|---------|-----------|
| <b>A. Drywell and Wetwell*</b>                             |         |           |
| 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 <sup>3</sup> )                       | 7350    | 5960      |
| 5. Maximum allowable leak rate <sup>†</sup> (%/day)        | 0.5     | 0.5       |
| 6. Minimum Suppression Pool Water Volume (m <sup>3</sup> ) | —       | 3455      |
| 7. Suppression pool depth (m)                              |         |           |
| Low Level  | —       | 6.9       |
| High Level   | —       | 7.1       |
| <b>B. Vent System</b>                                      |         |           |
| 1. Number of Vents   |         | 30        |
| 2. Nominal Vent Diameter (m)                               |         | 0.7       |
| 3. Total Vent Area (m <sup>2</sup> )                       |         | 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                                   |         | 2.5 - 5.0 |
| (Varies with number of vents open)                         |         | 4.2 - 6.7 |

\* 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).