

5.0 SHIELDING REVIEW

5.1.2 Summary of Maximum Radiation Levels

The summary of the maximum dose rates is shown in Table 6-6 and Table 6-7 of the application for NCT and HAC, respectively. For NCT, total dose rates at top of the package surface is computed to be 15.3 mrem/hr, the total dose rates at the side of the package is computed to be 29.7 mrem/hr, and the total dose rates at the bottom of the package is computed to be 4.4 mrem/hr. The total dose rate at the top of the vehicle surface is computed to be 15.3 mrem/hr, the total dose rates at the side of the vehicle surface, the total dose rate is computed to be 3.5 mrem/hr, and at the bottom of the vehicle surface the total dose rates is computed to be 4.4 mrem/hr. The total dose rates at 2 meters from vehicle surface is computed to be 0.3 mrem/hr, and the total dose rates at the occupied location is computed to be 4.95×10^{-2} . For HAC, the maximum total dose rates at one meter from the top of the package surface is computed to be 5.2 mrem/hr, the total dose rates at one meter from the side of the package surface is computed to be 1.6 mrem/hr, and the total dose rates from the bottom of the package surface is computed to be 1.8 mrem/hr.