Annex 6



**Figure 21a.** Turbulence kinetic energy distribution (m2/sec2) at the Z-Y plane applying the RNG k-ε model at time 1 sec.



**Figure 21b.** Turbulence kinetic energy distribution (m2/sec2) at the Z-Y plane applying the RNG k-ε model at time 2 sec.



**Figure 21c.** Turbulence kinetic energy distribution (m2/sec2) at the Z-Y plane applying the RNG k-ε model at time 3 sec.



**Figure 22a.** Turbulence dissipation rate distribution (m2/sec3) at the Z-Y plane applying the RNG k-ε model at time 1 sec.



**Figure 22b.** Turbulence dissipation rate distribution (m2/sec3) at the Z-Y plane applying the RNG k-ε model at time 2 sec.



**Figure 22c.** Turbulence dissipation rate distribution (m2/sec3) at the Z-Y plane applying the RNG k-ε model at time 3sec.