



Fig. 93 STAGS model predicting **outer fiber effective stress, seff (psi)**, in the externally pressurized, optimized **imperfect unstiffened** equivalent ellipsoidal shell with a **-mode 2** axisymmetric buckling modal imperfection (BIGBOSOR4 model in Fig. 75 and STAGS model in Fig. 78) with amplitude, Wimp=-0.2 inch. BIGBOSOR4 predicts the maximum effective stress near the pole (Region 1) occurs in Segment 2 and equals 111300 psi. (See part 4 of Table 61).