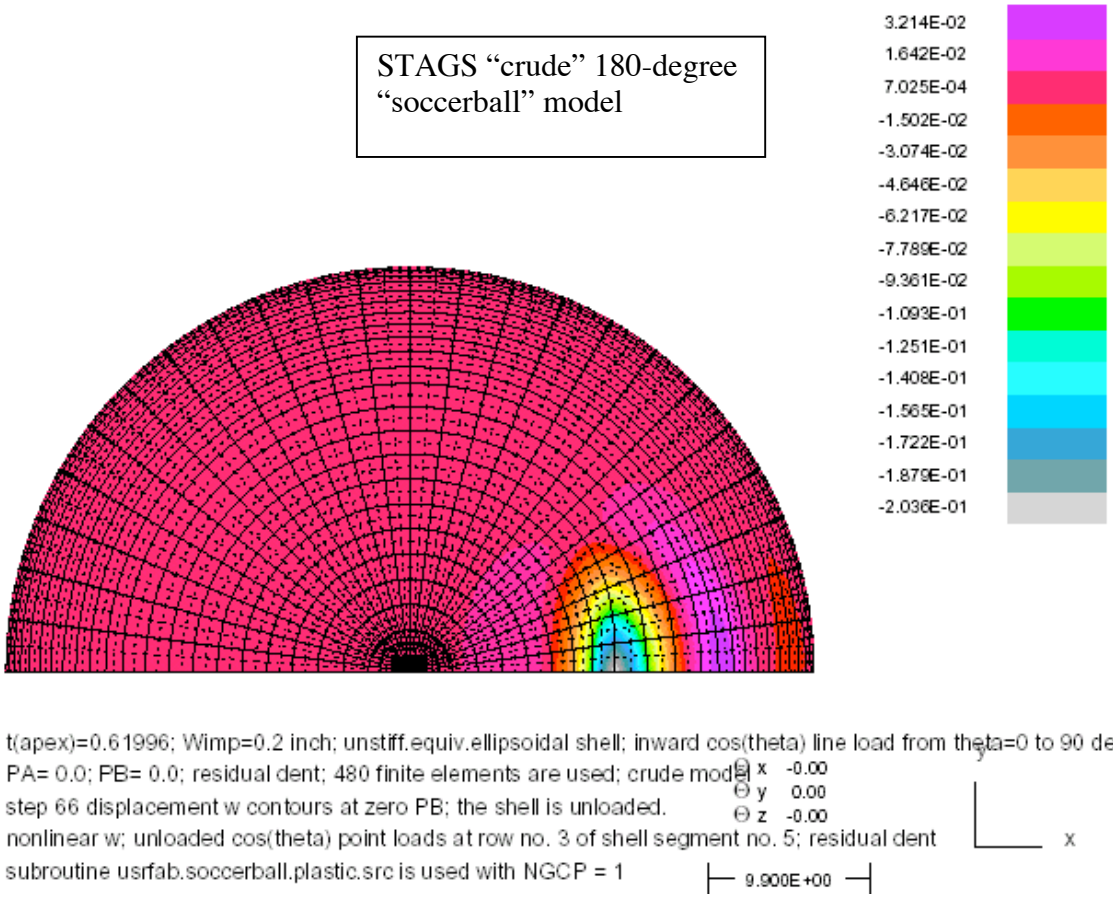

Fig. 248 The **optimized unstiffened equivalent ellipsoidal shell with the thick apex with t(apex) = 0.61996 inch; Wimp=0.2 inch; the optimum design is listed in Table 93. Case 2:** State of the shell at load set B (PB) step no. 66 in Run 7 (**residual dent**). (See Fig. 245). Load set B consists of a number of concentrated inward directed normal loads applied along row 3 of shell segment 5 (**Case 2**) (Figs. 2, 169, 232 and 233) distributed as cos(theta) from theta = 0 to 90 degrees in the circumferential direction. This load distribution is used because it generates a residual dent that **locally** resembles the deformation in Figs. 232 and 233, that is, the linear buckling modal imperfection with n = 1 circumferential wave. Compare with Fig. 243.