=B: CFA 5H=9D@=7 < H

K Yh[Yj]b[']bZcfa Uh]Yd`]W\h

8Y]bZcfa UhjYd`]Mkh]g cd[Ybca Yb]b Ufh' %" " "& j Ub \Yh k UhYfk YhVcY_ cZk Y` XY [YVk'X]ZJWYYfXY XYVkYYhYb VYhfYZYbXY \Yh]bhY[fUU` k UhYfVY`Y]X" 8Y XYhUj`g j ccf XY i]hk Yf_]b[j Ub XY]bZcfa UhjYd`]Wkhn]'b cd[Ybca Yb]b \ccZXghi _ =#%j Ub \Yhi]hj cYf]b[gVYg`i]hk UhYfhcYhg"

6YfY_Yb]b['D!qWtfY 'Yb'; !qWtfY

 $\begin{tabular}{ll} J ccf XY VYfY_Yb]b[j Ub XY D! gWcfY k cfXh VY_Y_Yb cZ Yf cj Yf`Ud]g hi ggYb \Yh dYfWYY` Yb XY Xf]Y cj Yfghfca]b[g_UUfhYb" \\ \end{tabular}$

 $\begin{tabular}{ll} Jccf XY VYfY_Yb]b[jUb XY;!gWcfY k cfXhVY_Y_Yb cZYf cj YfUd]g hi ggYb fb jUb XY [YVci k Yb cd \YhdYfWYY a YhYYb a]b]a i a cddYfj `U_hY jUb &) a Yb XY Xf]Y cj Yfghfca]b[g_UUfhYb" 9f k cfXh \]Yfj ccf YYb Vi ZZYf jUb %a [Ybca Yb fcbX XY [YVci k Yb"]$

 $5 Ub[Yn]Yb Yb_Y`j ccf XY; !gWtfY a YhYYb Vi ZZYf k cfXh[Yk Yf_hž]g \]Yfj ccf cc_cj Yf`Ud a c[Y`]^_a Yh XY cj Yfghfca]b[g_UUfhYb Vi]hYb \Yh dYfWY`" <math>\Rightarrow$ XUh[Yj U' k cfXh XY D!gWtfY UUb[YdUgh bUUf XYnY`ZXY k UUfXY U'g XY; !gWtfY"

Cj Yfghfca]b[gfcViigh[YVcik X3

 $\label{thm:condition} $$I k kcb]b[_Ub n]Wk]b cj Yfghfca]b[g[YjcY^][[YV]YX VYj]bXYbža UUf a c[Y^]^g]g \]Yf fYYXg fY_Yb]b[a YY [Y\ci XYb V]^\Yh Vci k Yb Yb \YYZhi Xi g cj Yfghfca]b[gfcVi i gh [YVci k X" \div X]h [Yj U' VYghUUhXY a c[Y^]^\Y]X ca YYb XYg_i bX][Y UUb hY ghY^Yb ca i k gWcfY hY `UhYb UUbdUggYb" $$$

G][bUU^[YV]YXYb

 $\label{eq:local_control_cont$

5Z[YVU_YbXY cYj YfncbYg Yb UZ[YVU_YbXY cj Yfghfca]b[g[YV]YXYb

52[YVU_YbXY cYj YfncbYg Yb cj Yfghfca]b[g[YV]YXYb n]/b]b XY a YYghY [Yj U`Yb U2[YVU_YbX cd b]Yh VYVci k VUfY dYfVV`Ybža UUf b]Yh Uh]/X" < Yh [UUh ca [YV]YXYb k UUf YYb fYVVhj Ub j ccf_ccd [Y`XhYb k UUf]bf]W\h]b[gk Yf_Yb k cfXYb j ccfn]Yb]b \Yh_UXYf j Ub \Yhk UhYfVY`Y]X"

A YYf]bZc

kkk"]bhY[fUU'kUhYfVY`Y]X"VY

k UhYf]bZc"j `UUbXYfYb"VY#]bZcfa Uh]Yd`]VN.h

k cb]b[dUg'j `UUbXYfYb'VY

'&*! %% &\$&(dU[]bU') '#)