```
!
"#$%&'!()*+$,)-!. /0)%1),!2324!!
5,)6'7)&+'*#!8*&*9)%)&+!()##/: 6-!;'&76*<!=/11'&6!>4?!*&7!;'#<!8@())+),6!>4A!
```

```
"#$#%&!'() * $+!, +$-&' .!/#00+$&!123!4(5678!' $-!, +(.!9:; 5575%&!12<!4%+=>78!
```

## ?.!@>5' %' >!A#)&56#!C2D!!

 $; \#\% * \#\%5!7>' \$!-5:' -5\&8!7>5!E\%5\&+-5\$7+' (!9' \$' =5*5\$7!; 5((\#F\&!E\%=\%' * !4E9; 88!\#G5\%' 75-!0. !7>5! Hl@l!_J66+: 5!\#6!E5\%#$$5(!9' $' =5*5$78!>' &!055$!7>5!; 5-5\%' (!=\#K5\% * 5$7\&!G\%5 * +5\%(5' -5\%>+G! -5\K5(\#G*5$7!G\%#=\%' * !&G5: +6+: ' ((. !6\#\%' - K' \$:5-!-5=\%55!: ' \$-+-' 75\&!$ 

 $\label{eq:control_co$ 

```
5:#$#*.!'$-!5*5%=+$=!-+=1'(!75:>$#(#=+5&B!F+7>!'!6#:)&!#$!'%7+6:+'(!+$75((+=5$:5!4YUB!+$!

*)(7+('75%'(!6#%) * &!&):>!'&!7>5!a)'-%+('75%'(!@5:)%+7.!L+'(#=)5!47>5!a)'-8B!7>5!_%#)G!#6!b!4_b8B!

7>5!_%#)G!#6!PX!4_PX8B!'$-!7>5!U$75%$'7+#$'(!W5(5:#**)$+:'7+#$&!H$+#$!'7!7>5!H$+75-!`'7+#$&!!

/5='%-+$=!>5\%7+*5!'7!7>5!''RB!, +(.!&>'%5-!7>'7!#$5!:('&&!'$-!'&&+=$5-!:#)\%5!O##T!&7##-!#)7!7#!

>5\%7>5!*#87!W>5!:('&&!+$!c)5&7+#$B!N/56#%*+$=!H\%0'$!@:>##(&B0!F'&!7')=>7!0.!L\%!d5&&+:'!

@>+((5\%'$-!7>5!O##T!F'&!

!O.!''#F5((!?')*I!;#\%,+(.B!$#7!#$(.!-+-!7>5!)

':'-5*+:!'&&#:+'7+#$!#6!7>5!:('&&!#665\%!K+7'(!:#$75$7!'$-!:)(7)\%'(!'F'\%5$5&&B!0)7!7>5!O##T!

G\%#K5-!7#!05!'!=)+-5!7>'7!5$='=5-!&7)-5$7&!+$!+$75$&+K5B!:#*G\%5>5$&+K5!)$-5\%7'$-+$=!#6!(+65!+$!

?'(7+*#\%5!!^*+7+$=!F+7>!?'(7+*#\%5!R+7.!\&7)-5$7&!'7!'!:>'\%75\%&:>##(!F'\&!G'\%7+:)('\%(.!+*G':76)(!6#\%)>5\%!!

!\\$!'--+7+#$!7#!7>5!:('\&\&!&5\%K+$=!'\&!'!('\&7+$=!+*G':7\B!,+(.!'\&#!$#75\&!7>'7!+$!>5\%:)\%\$5\7!G#\&+7+#$!

F+7>!@7'75\B!&>5!G)7\&!+$7!G\%':7+:5!F>'7!
```