

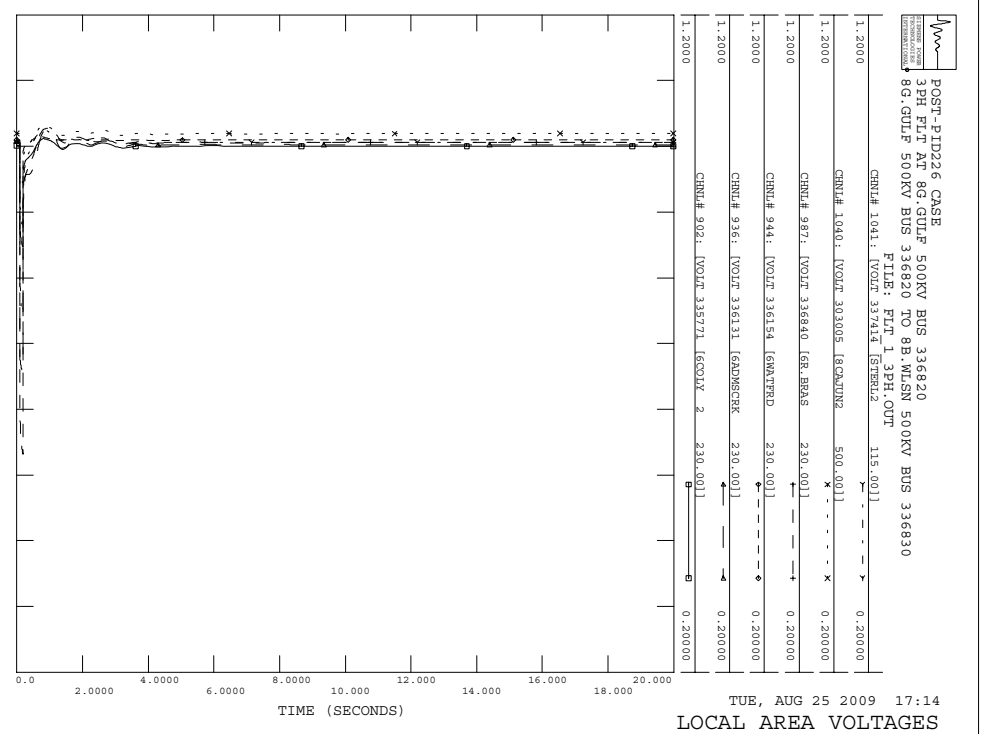
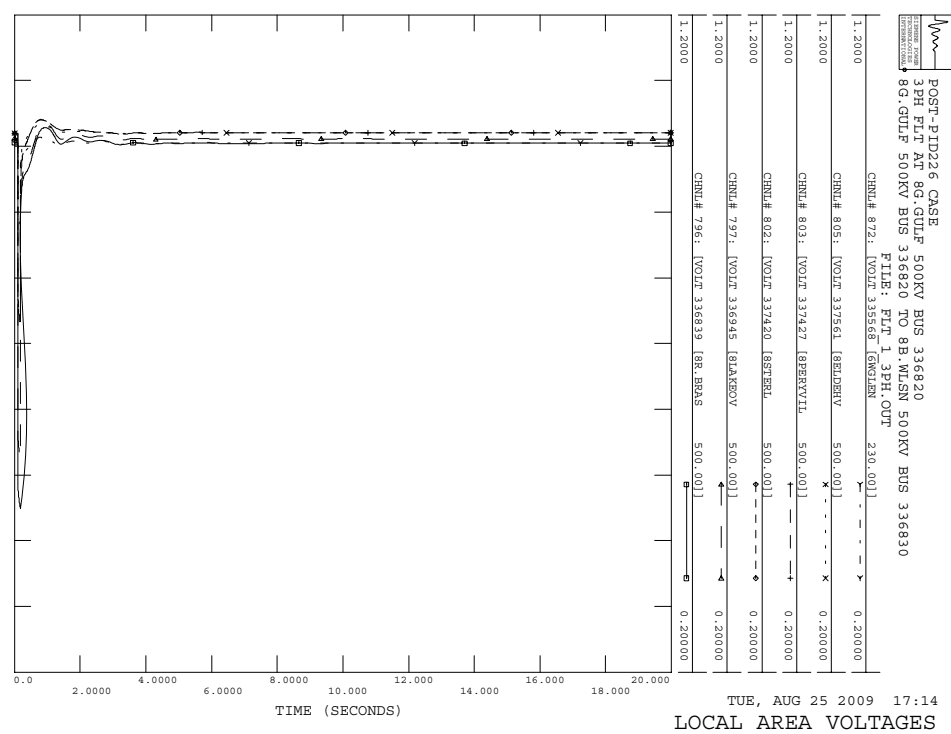
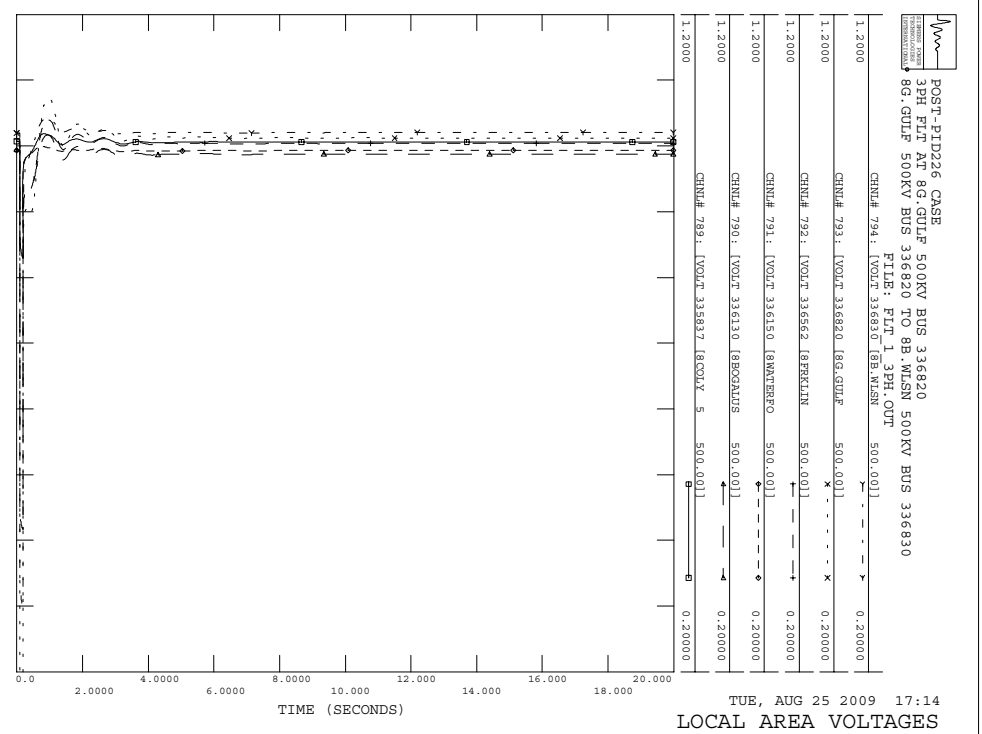
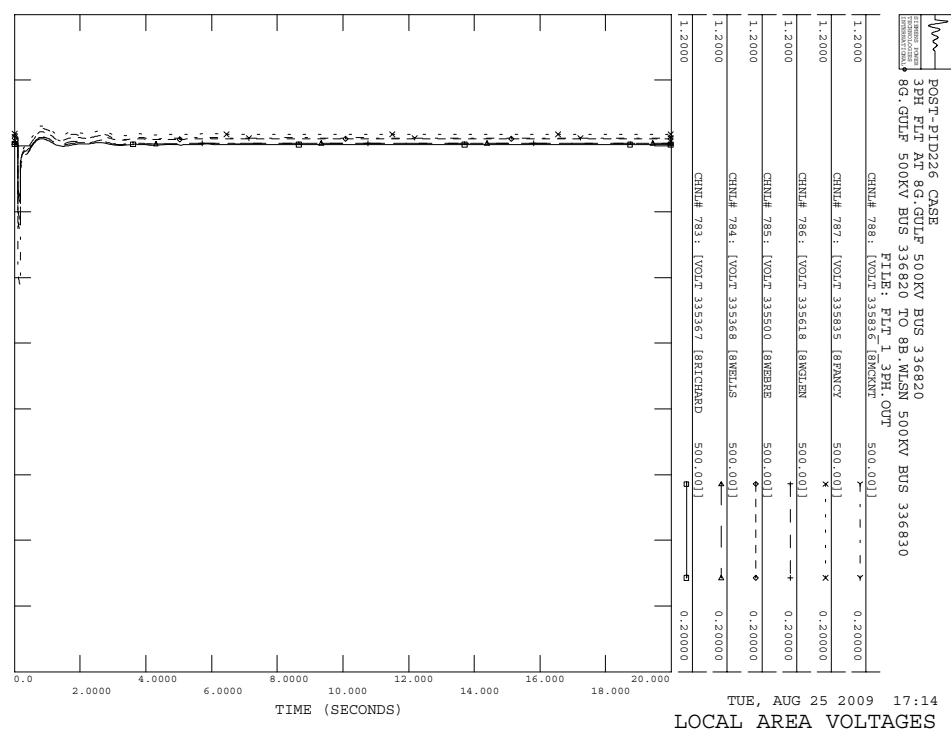
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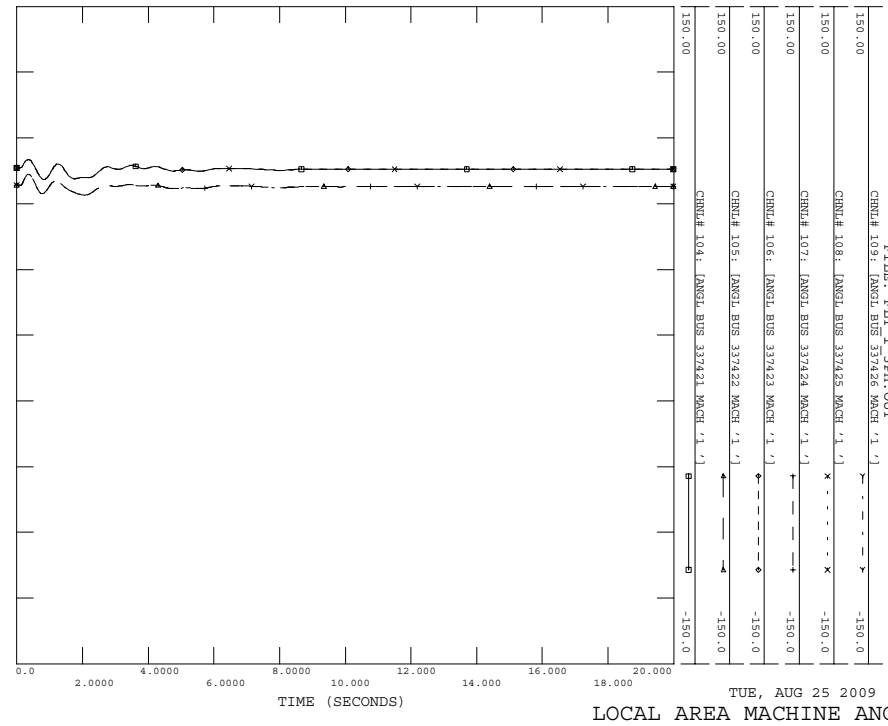
C.1 FLT_1_3PH

Three phase fault on the 8G.GULF (#336820) to 8B.WLSN (#336830) 500 kV line, near the 8G.GULF.

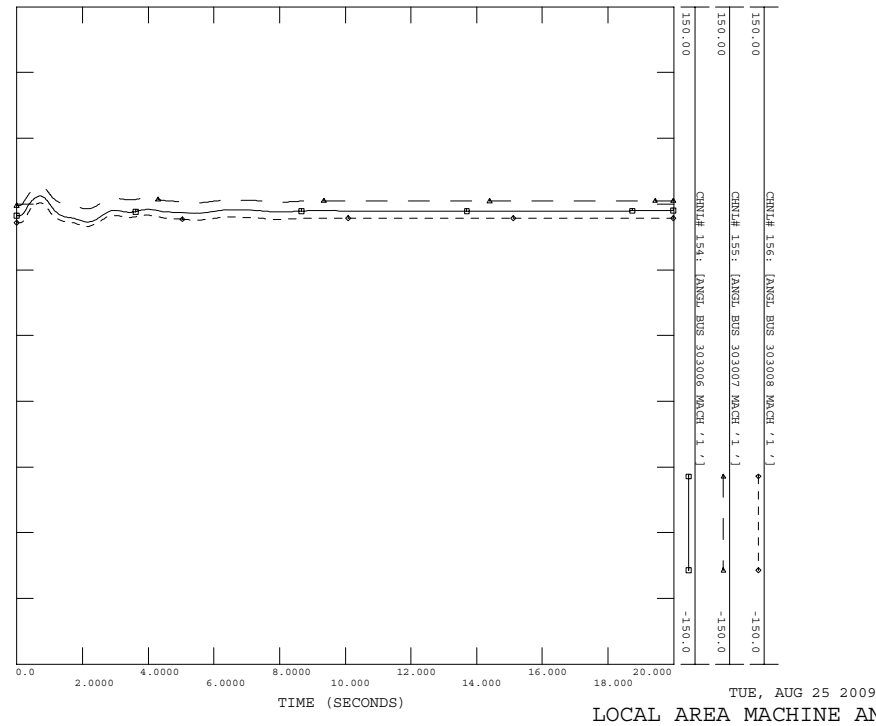
- a) Apply 3 Phase Fault AT 8G.GULF 500KV BUS 336820
- b) Clear fault after 5 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830



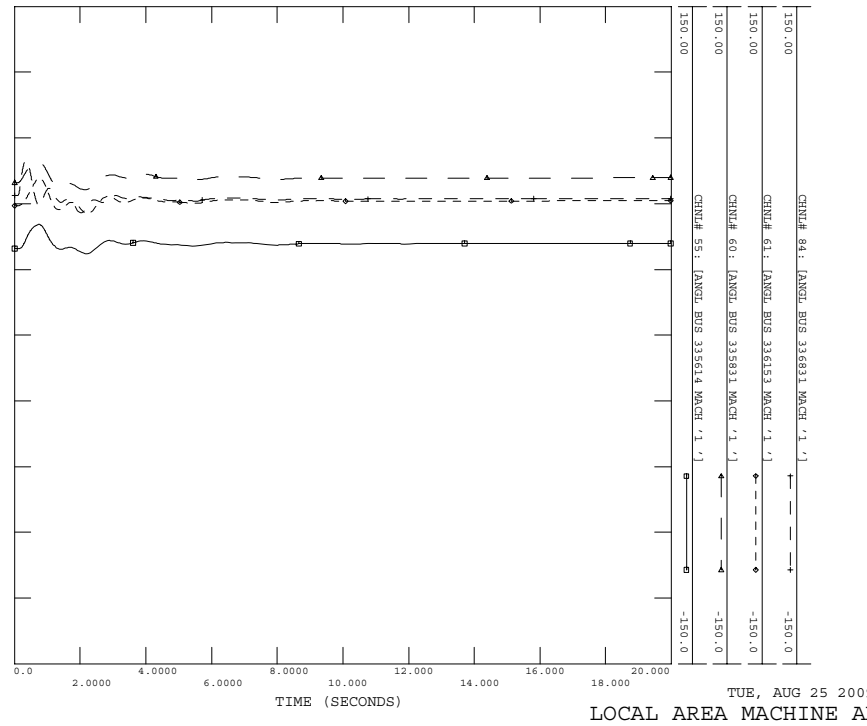
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



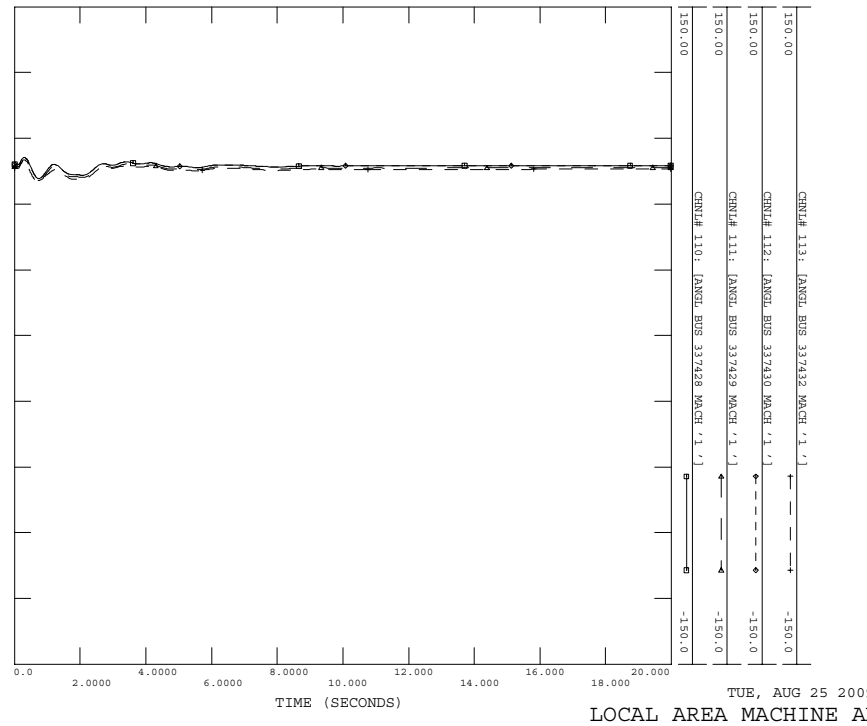
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



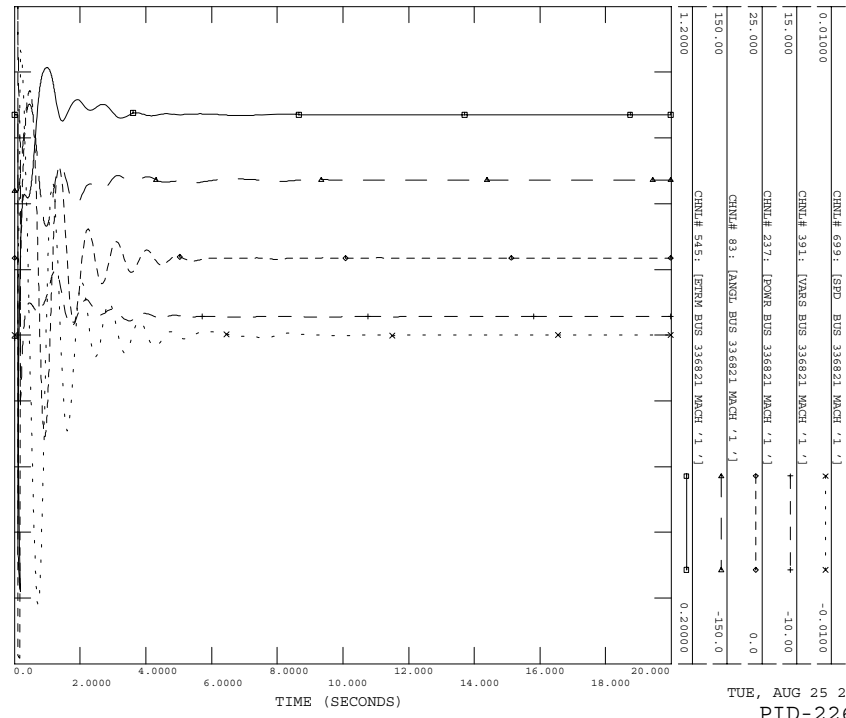
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



POST-PID226 CASE
 3PH FLT AC BG SOLF 500KV BUS 336820
 89.GDIF 500KV BUS 336820 TO BE WASHN 500KV BUS 336830
 FILE: FLI_1_3PH.001

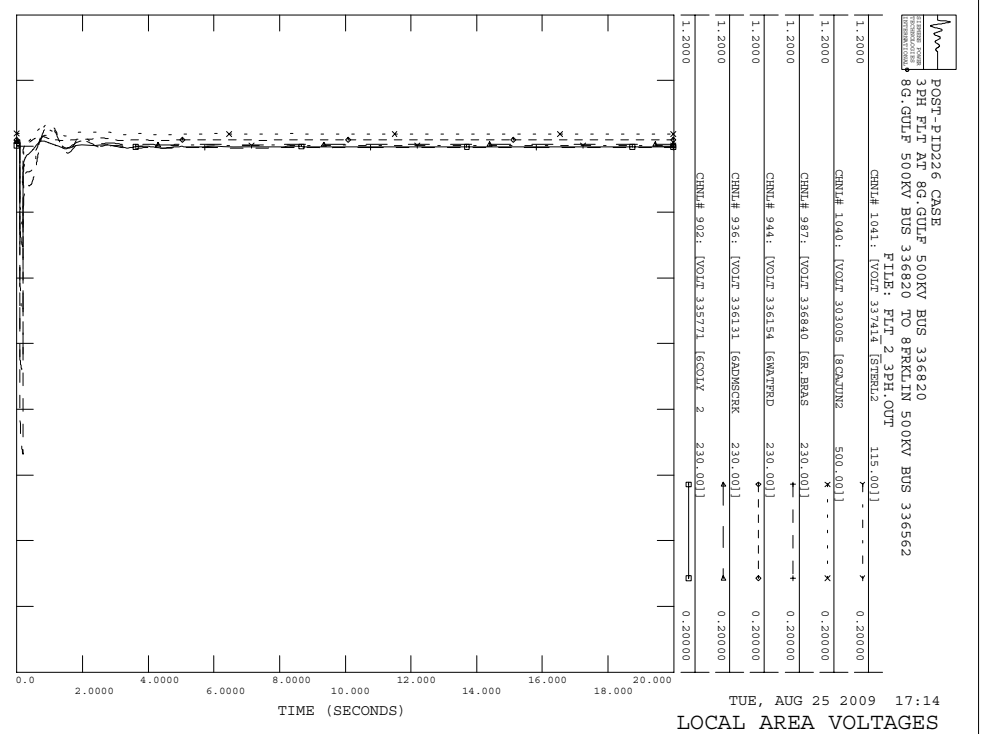
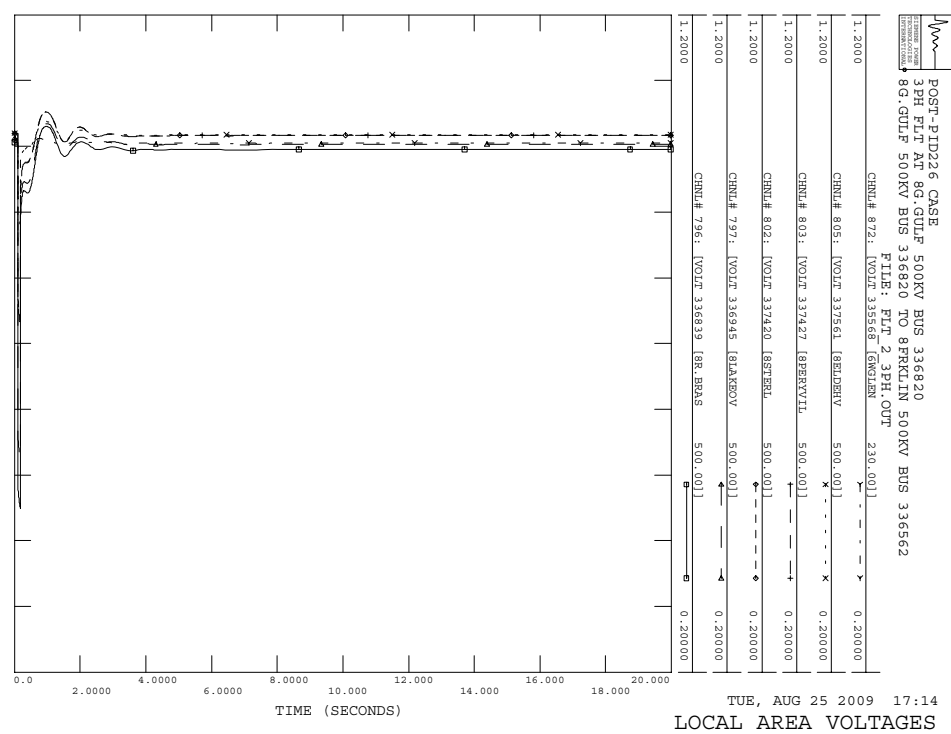
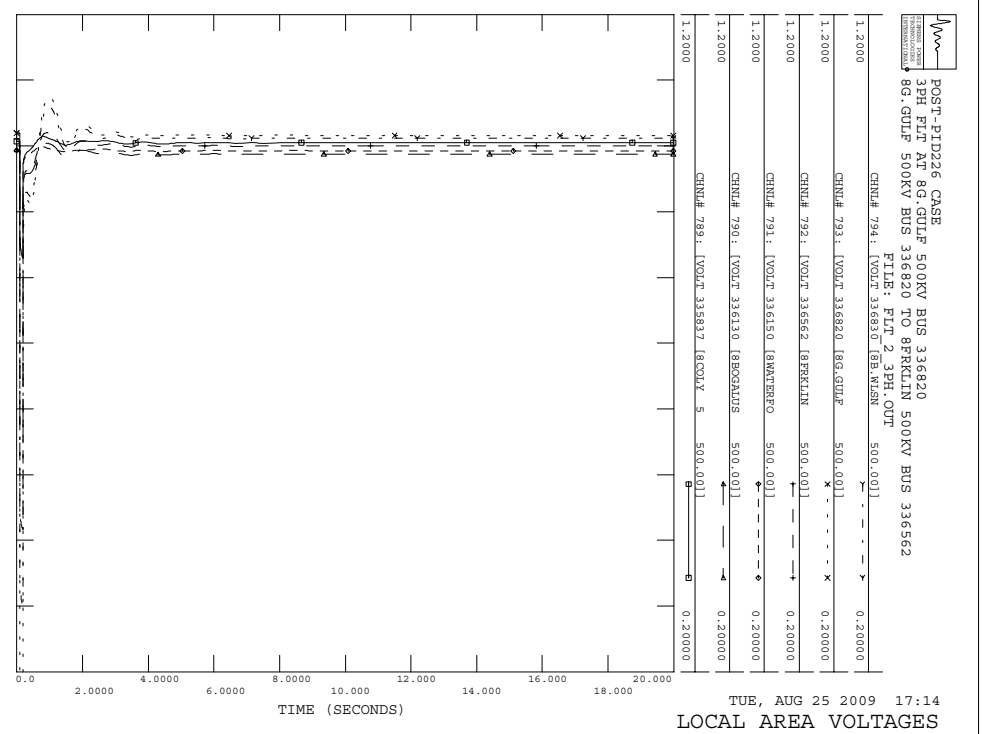
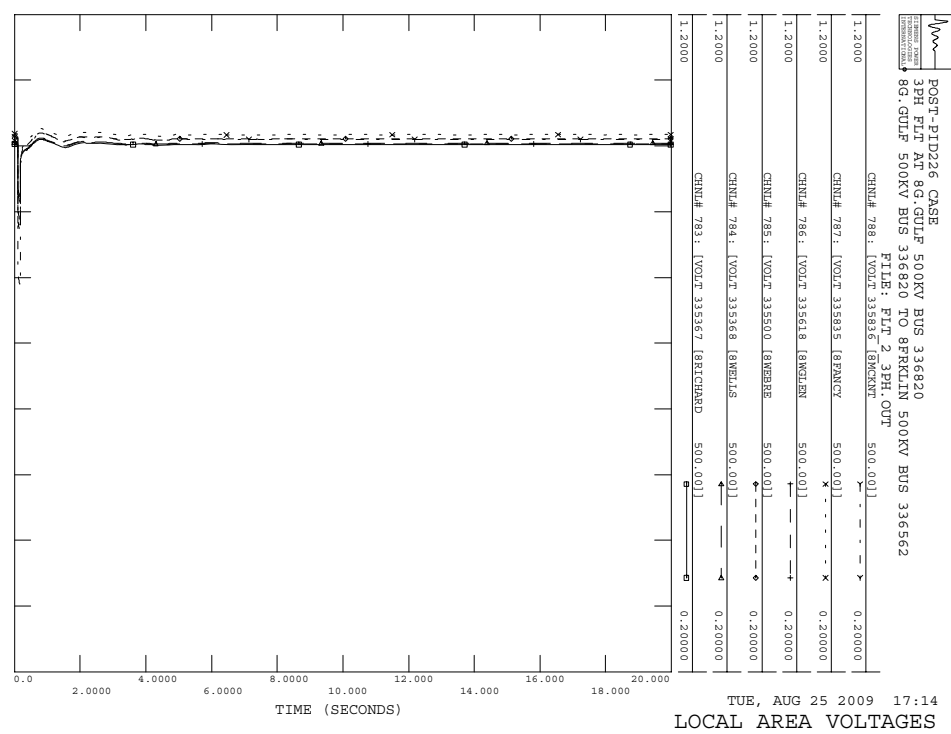


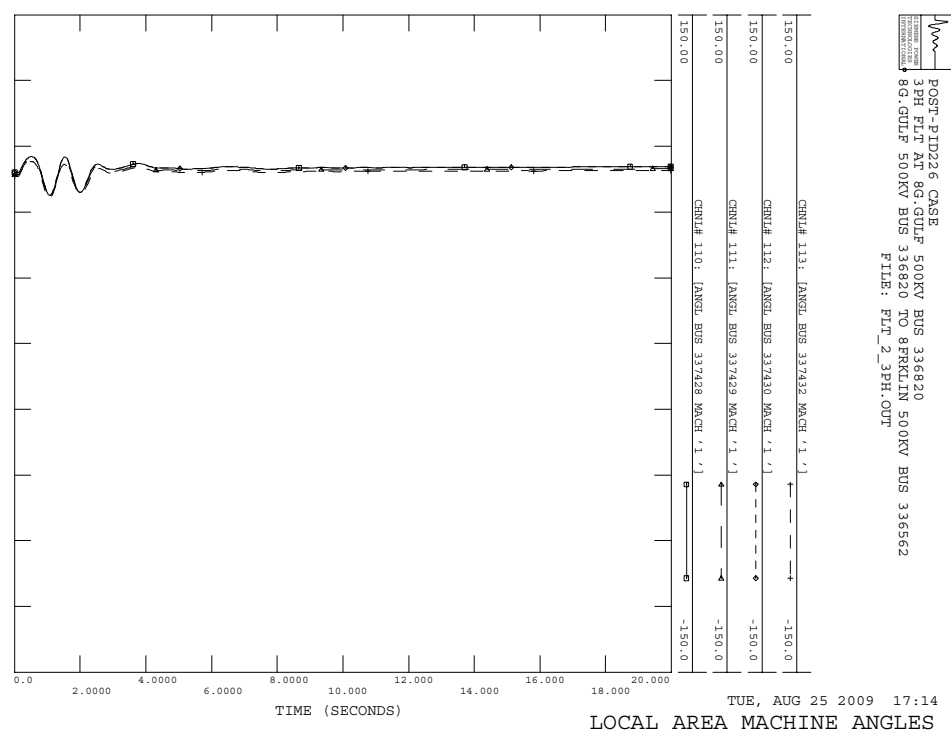
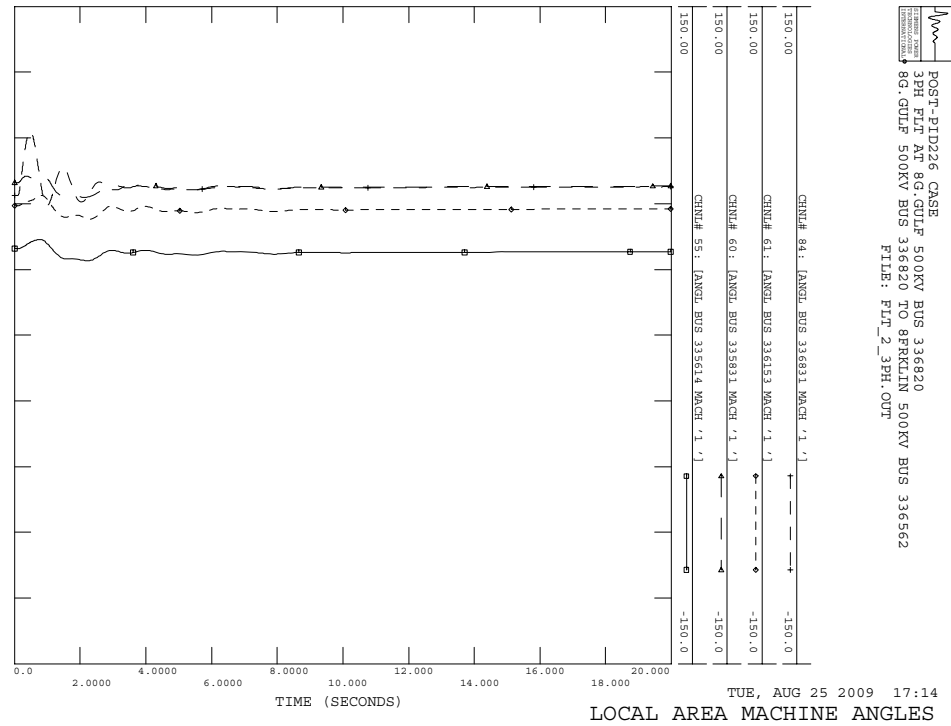
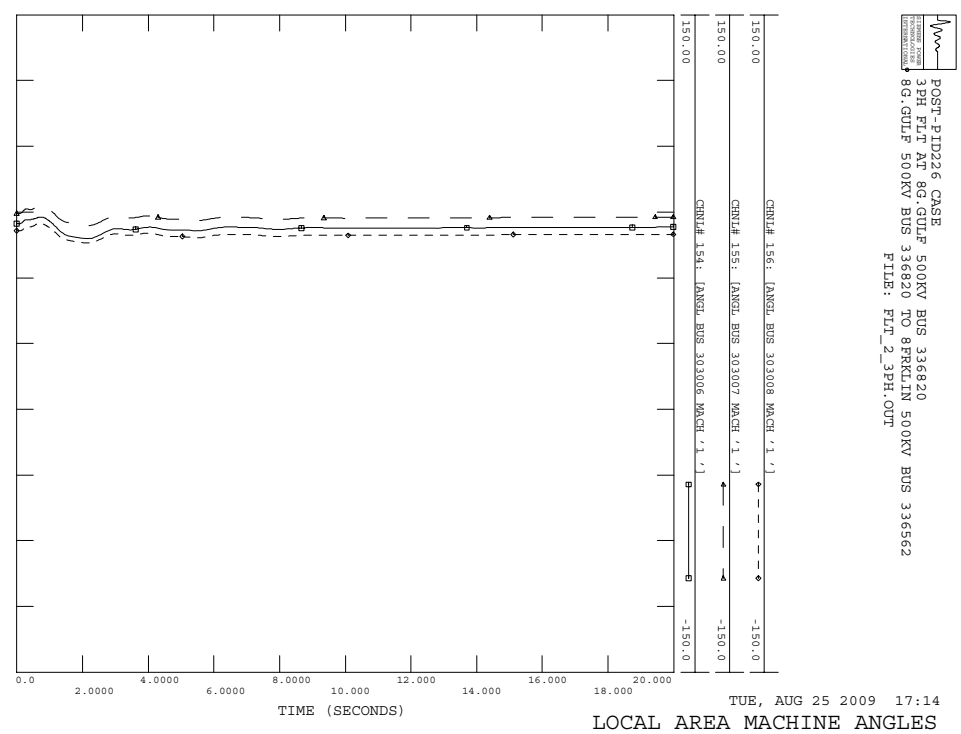
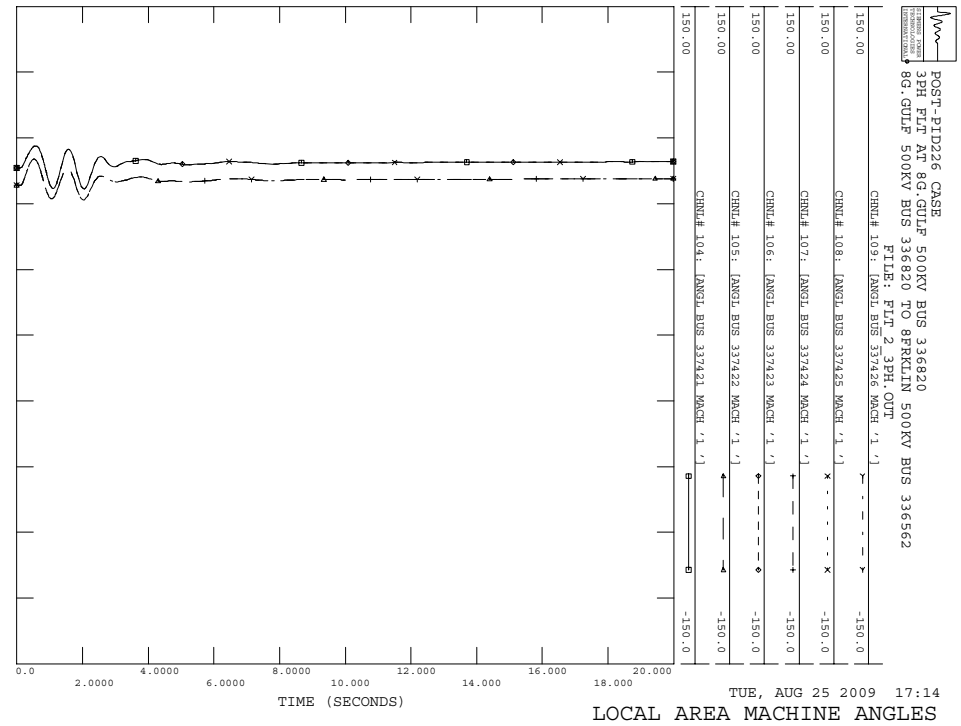
TUE, AUG 25 2009 17:14
 PID-226 PLOTS

C.2 FLT_2_3PH

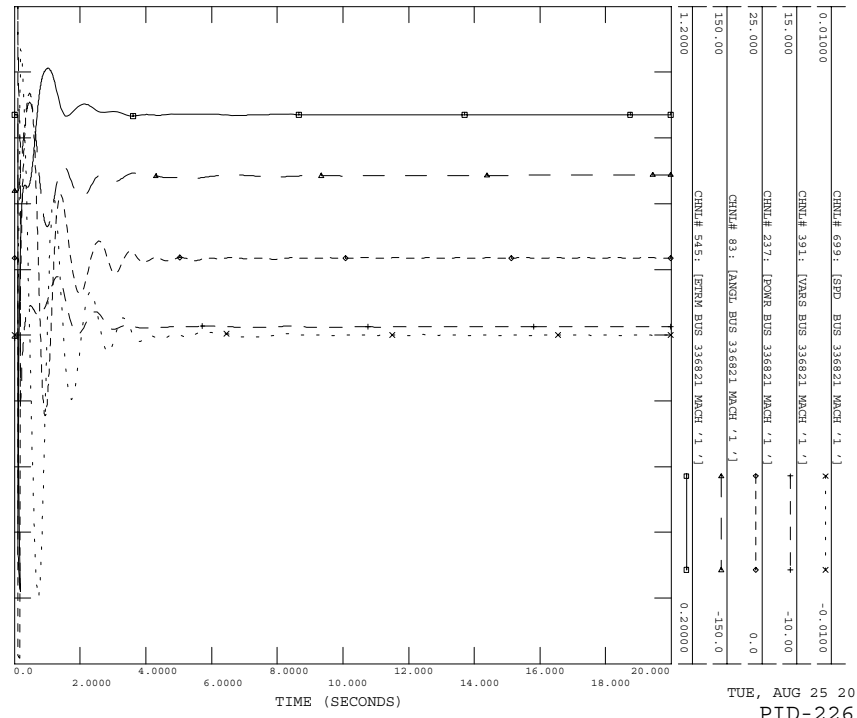
Three phase fault on the 8G.GULF (#336820) to 8FRKLIN (#336562) 500 kV line, near the 8G.GULF.

- a) Apply 3 Phase Fault at 8G.GULF 500KV BUS 336820
- b) Clear fault after 5 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562





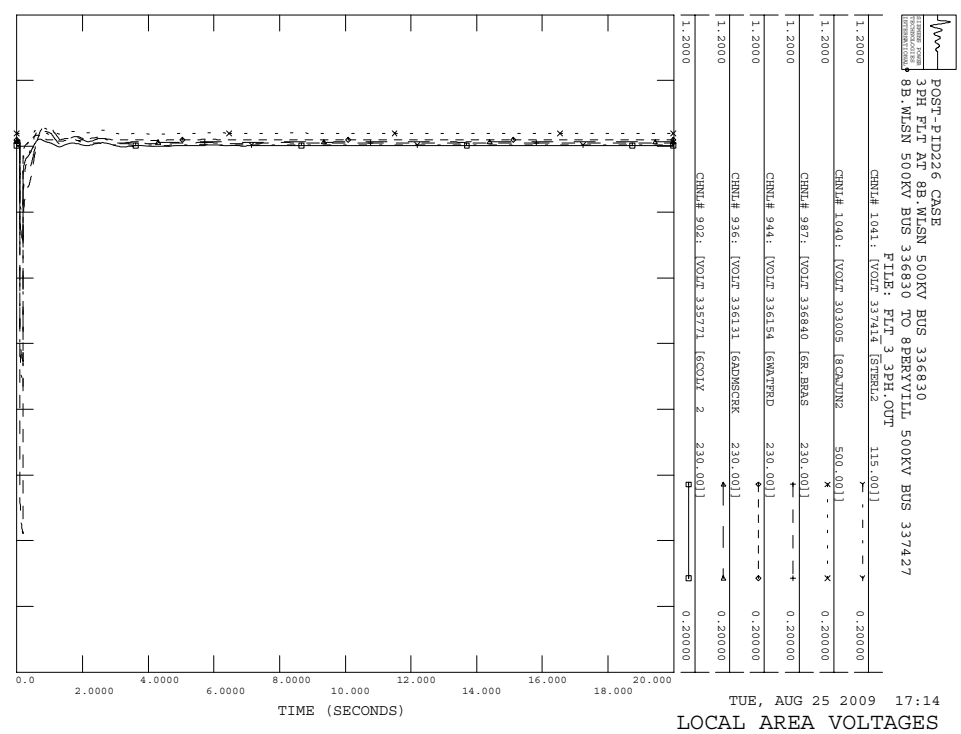
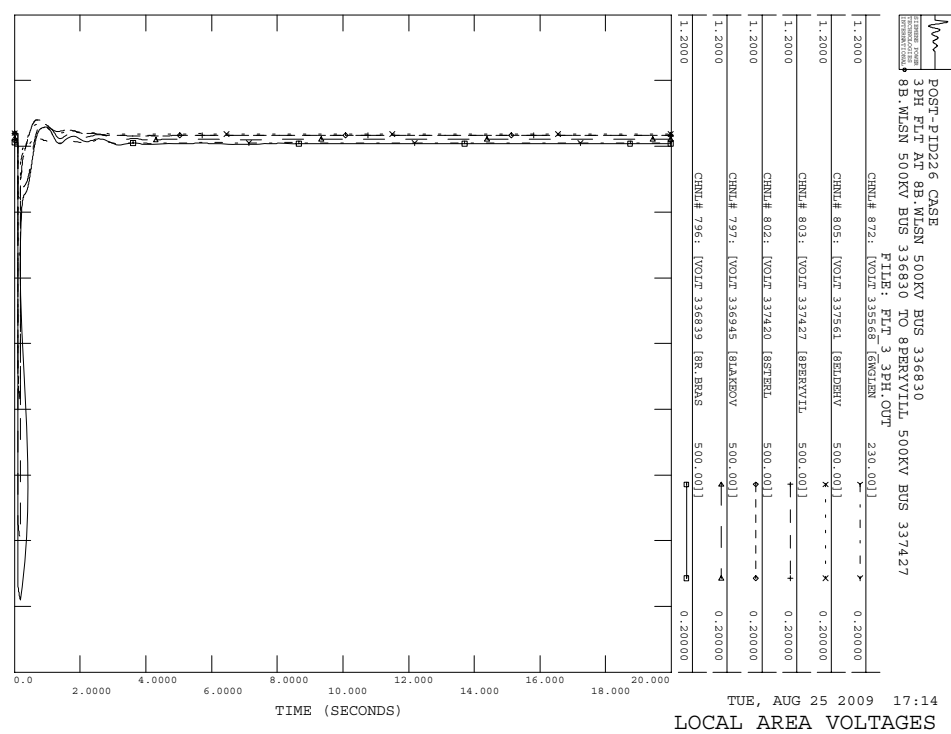
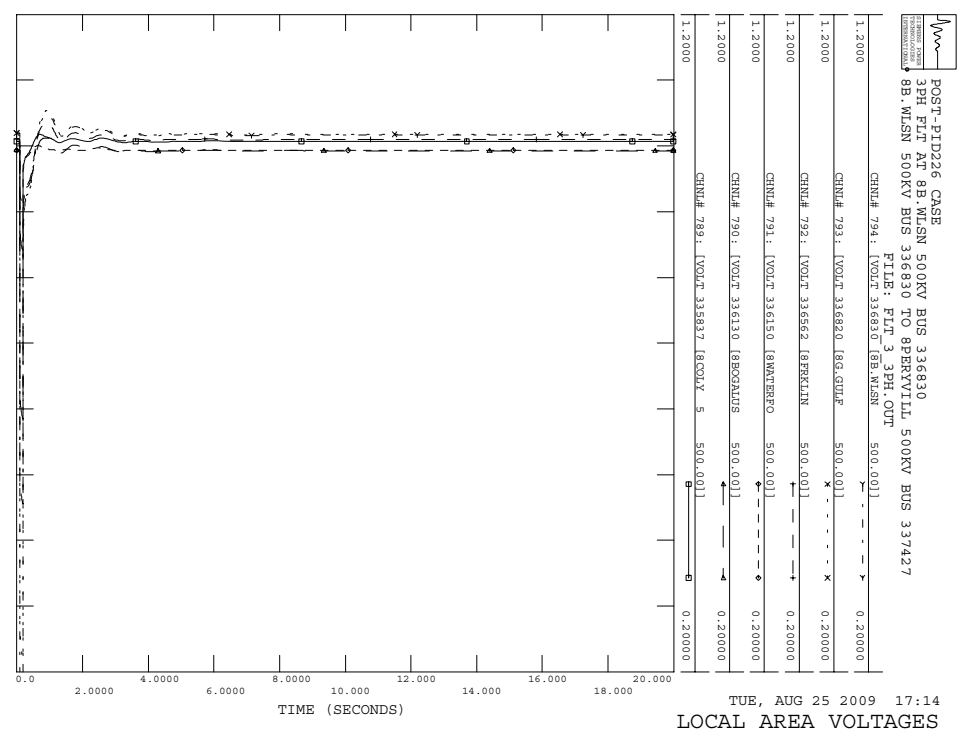
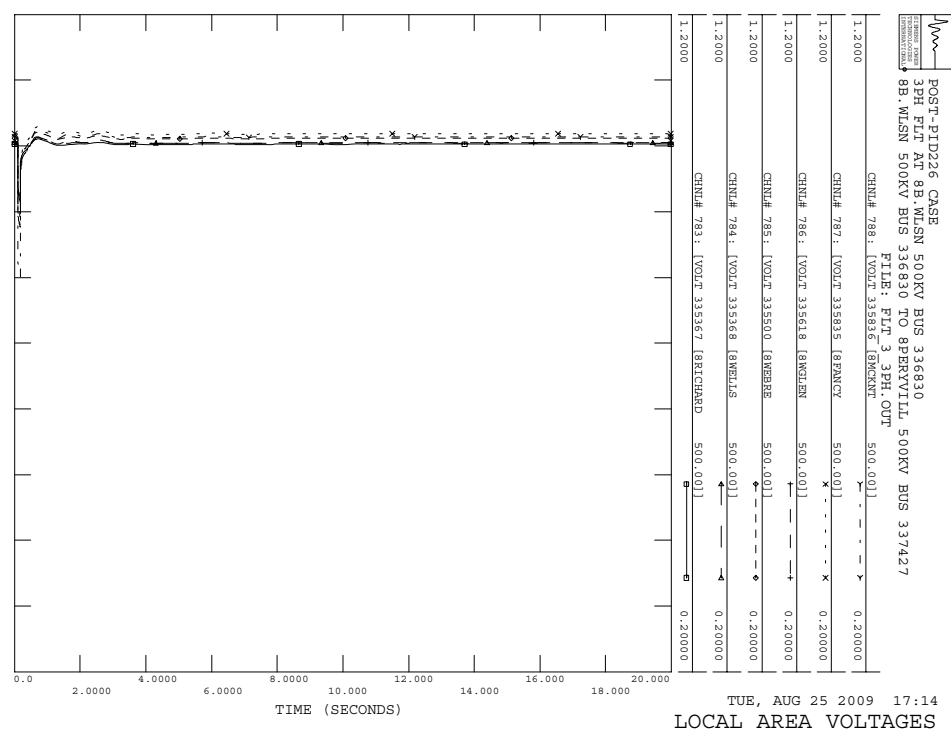
POST-PID226 CASE
 3PH FLT AC SG SOLF 500KV BUS 336820
 89.GDIF 500KV BUS 336820 TO BERKIN 500KV BUS 336562
 FILE: FLI_2_3PH.001

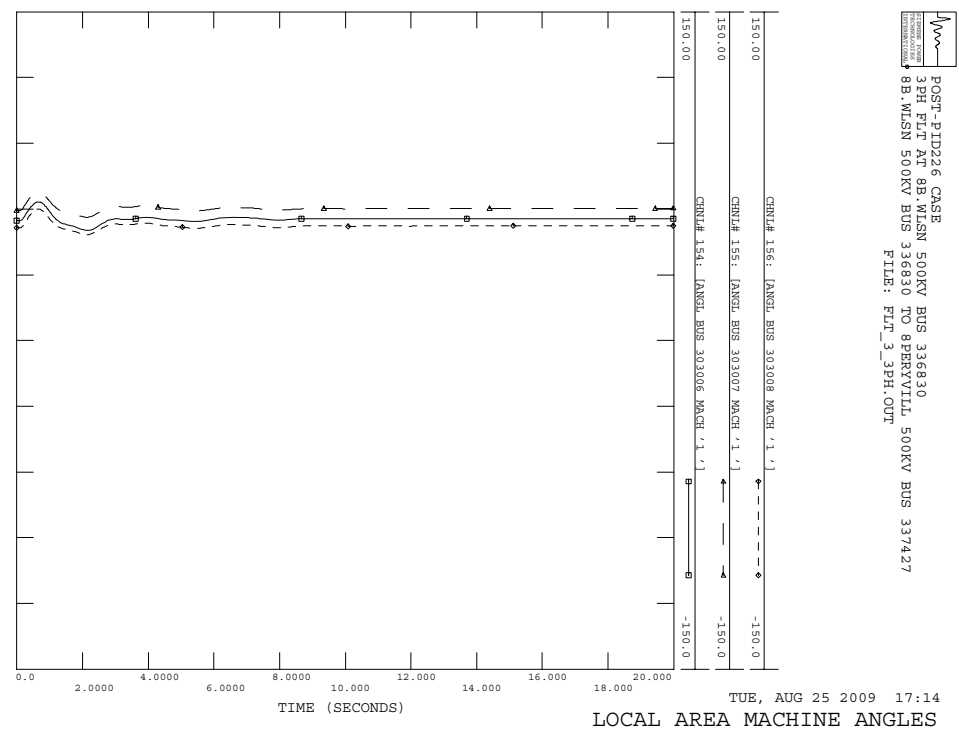
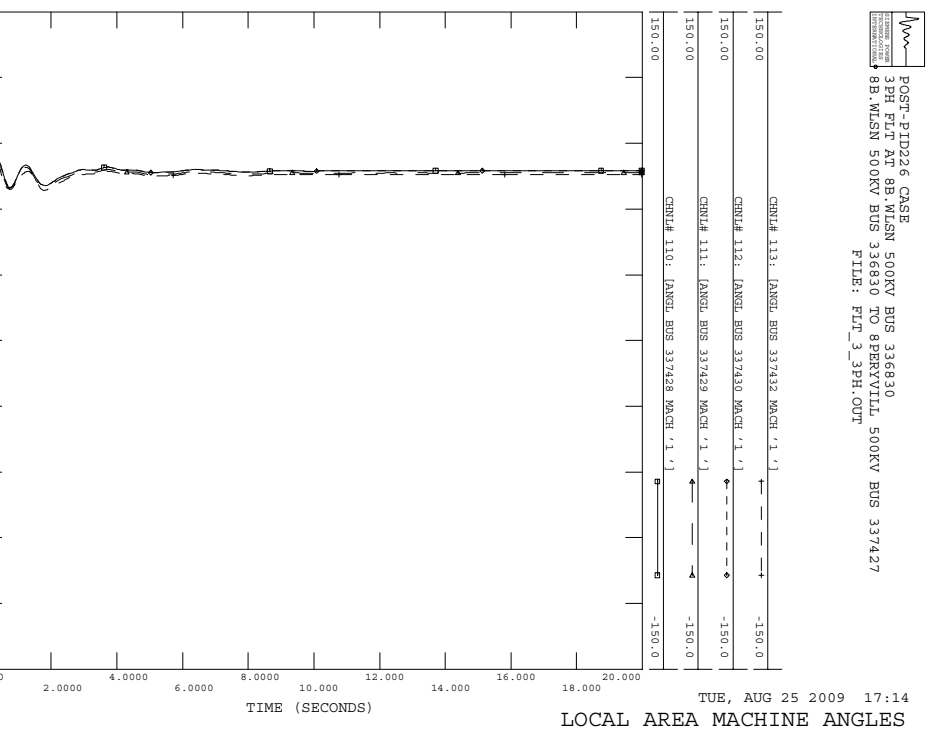
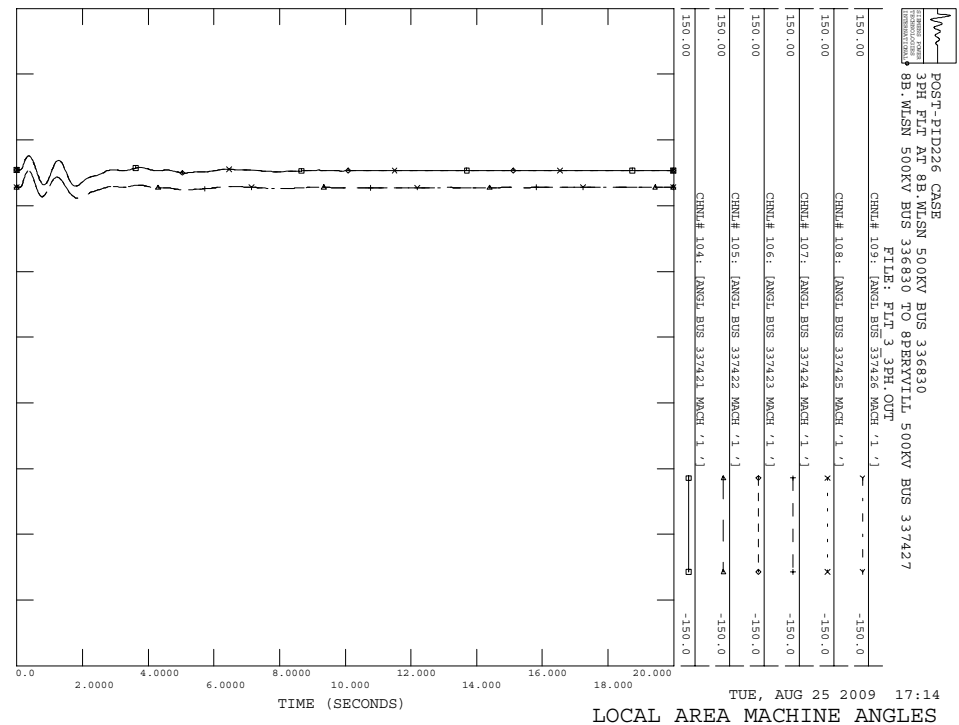
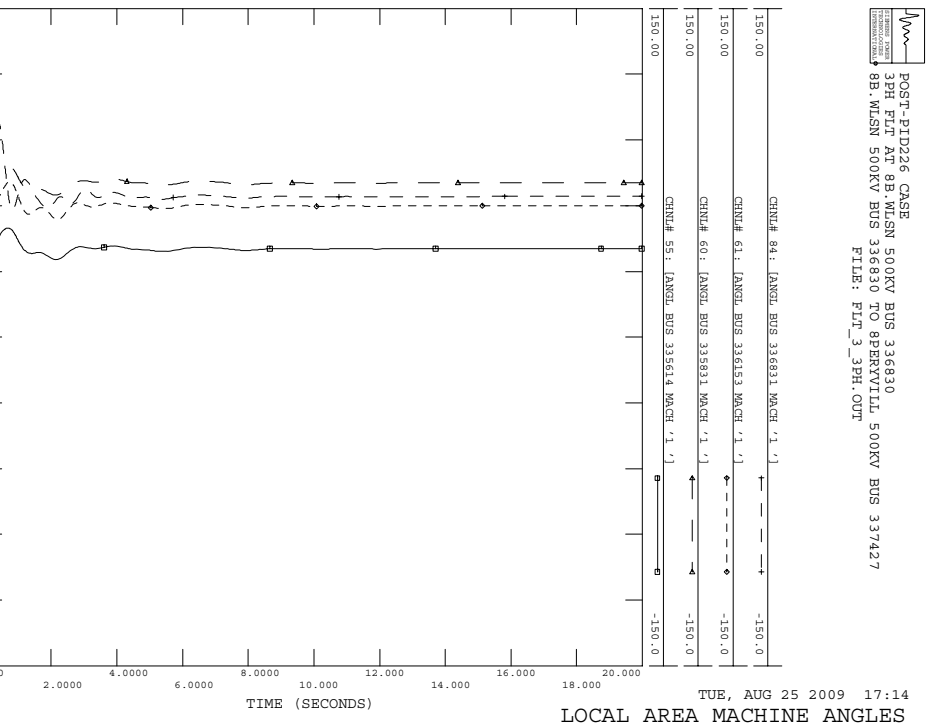


C.3 FLT_3_3PH

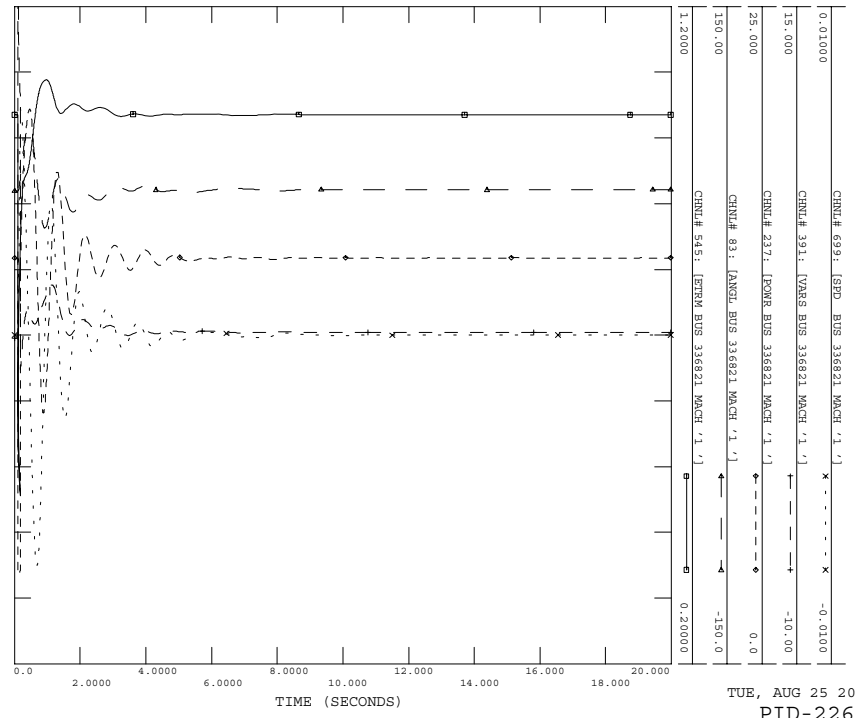
Three phase fault on the 8B.WLSN (#336830) to 8PERYVILL (#337427) 500 kV line, near the 8B.WLSN.

- a) Apply 3 Phase Fault at 8B.WLSN 500KV BUS 336830
- b) Clear fault after 5 cycles by tripping line from 8B.WLSN 500KV BUS 336830 TO 8PERYVILL 500KV BUS 337427





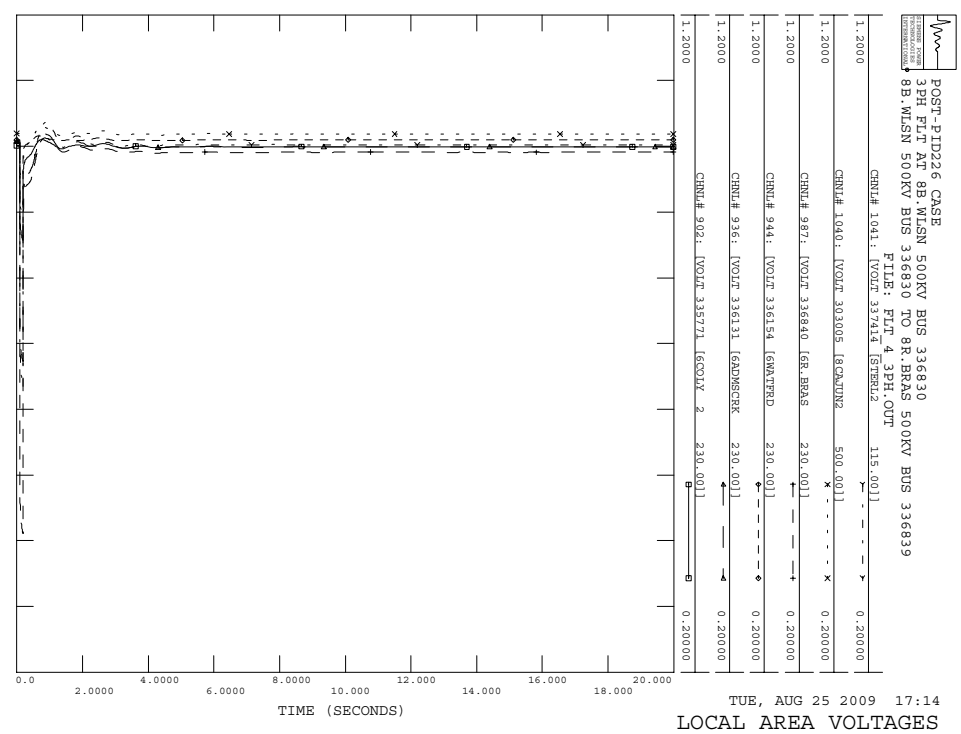
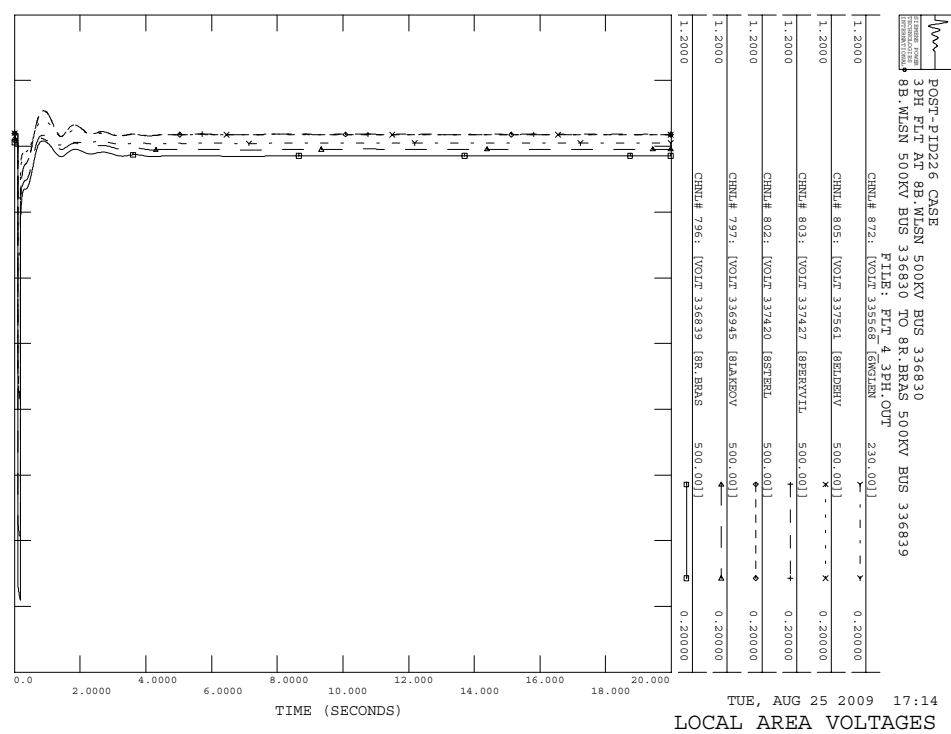
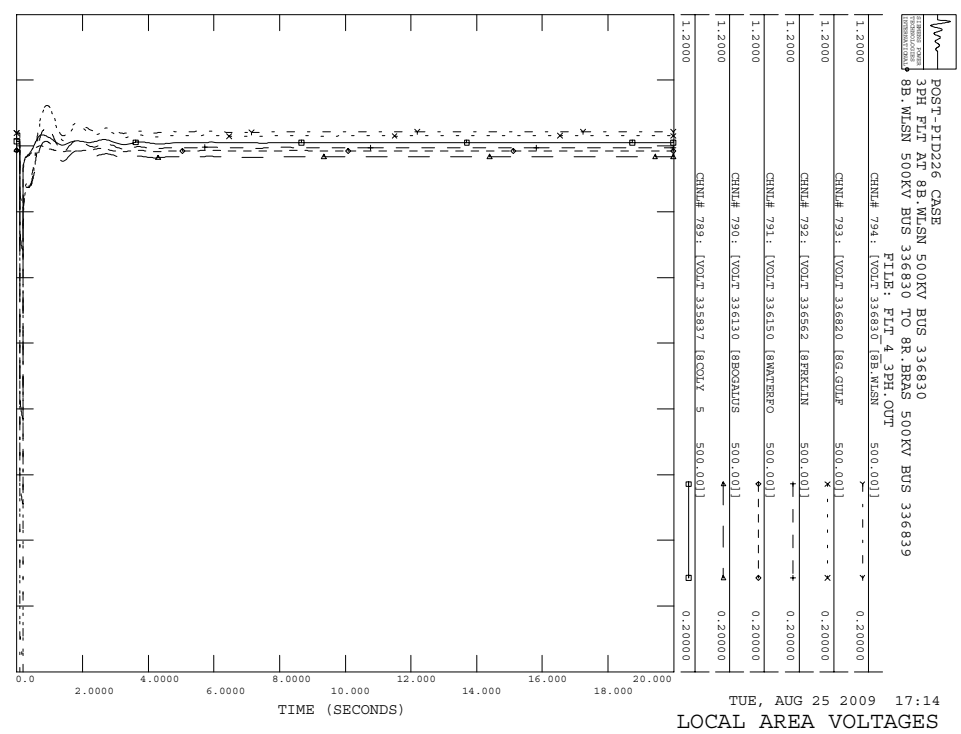
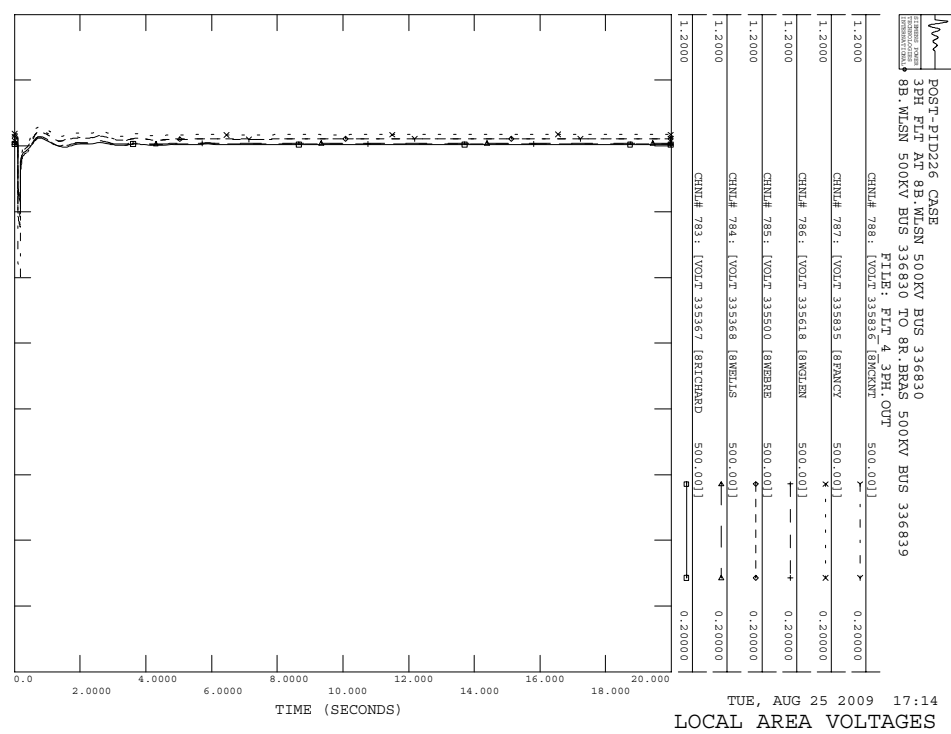
POST-PID226 CASE
 3PH FEED AT 9B, WLSN 500KV BUS 336930
 8B, WLSN 500KV BUS 336930 TO 82BRYVILL 500KV BUS 337427
 FILE: FLI_3_3PH.001



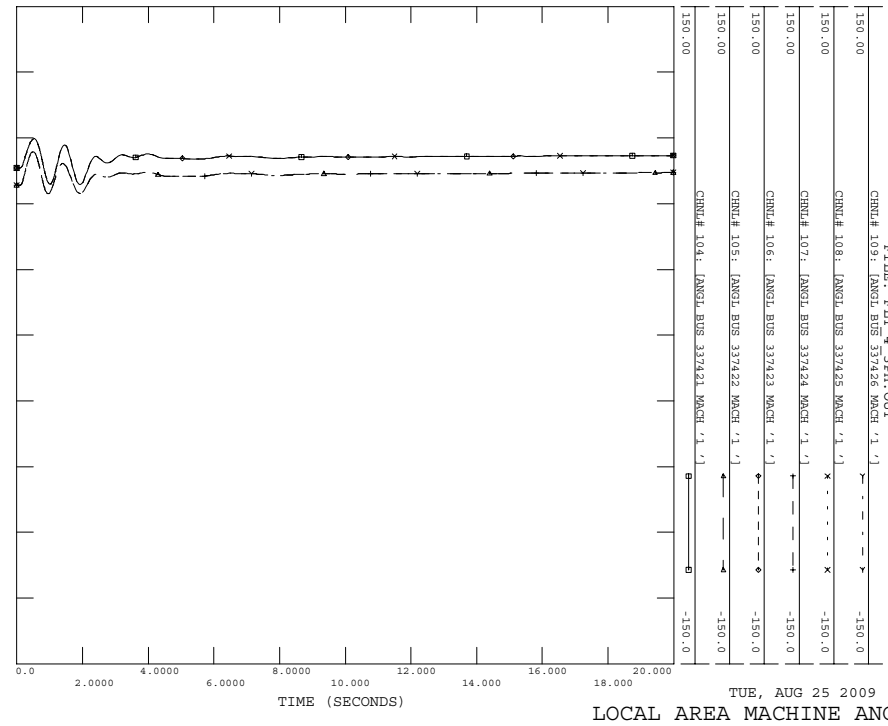
C.4 FLT_4_3PH

Three phase fault on the 8B.WLSN (#336830) to 8R.BRAS (#336839) 500 kV line, near the 8B.WLSN.

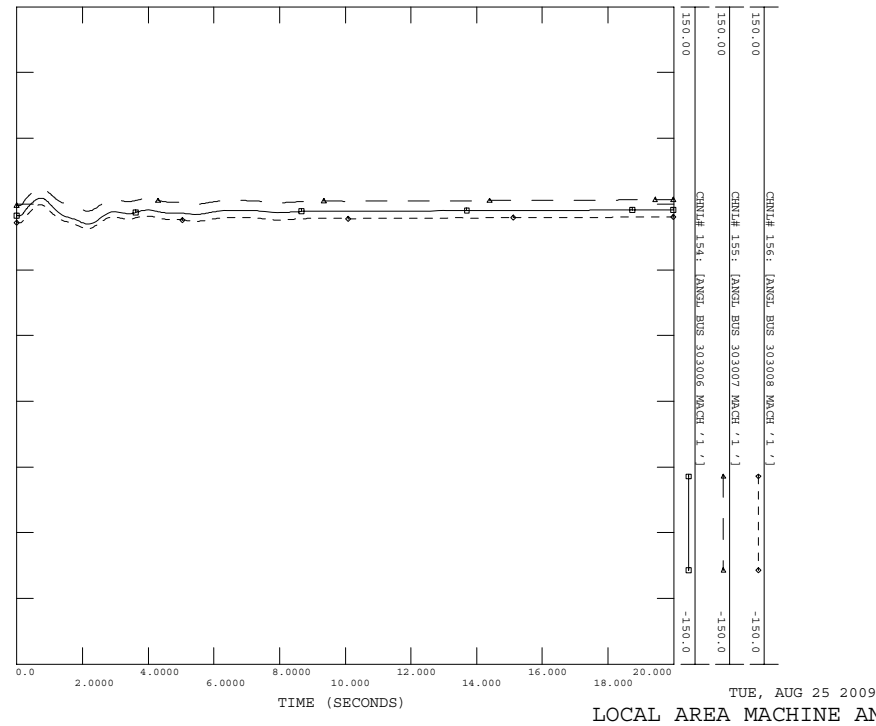
- a) Apply 3 Phase Fault at 8B.WLSN 500KV BUS 336830
- b) Clear fault after 5 cycles by tripping line from 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839



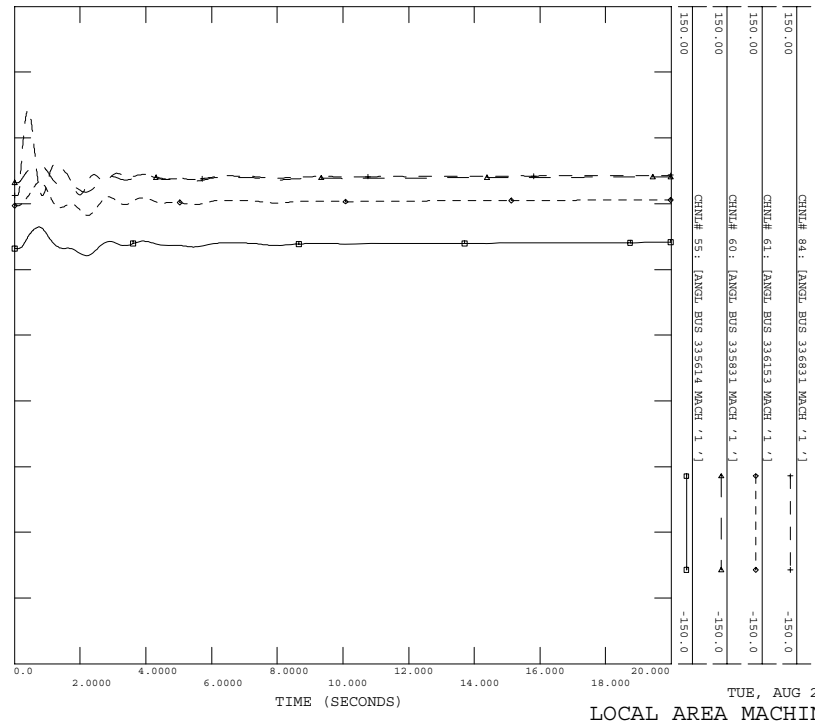
POST-PI226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLI_4_3PH.OUT



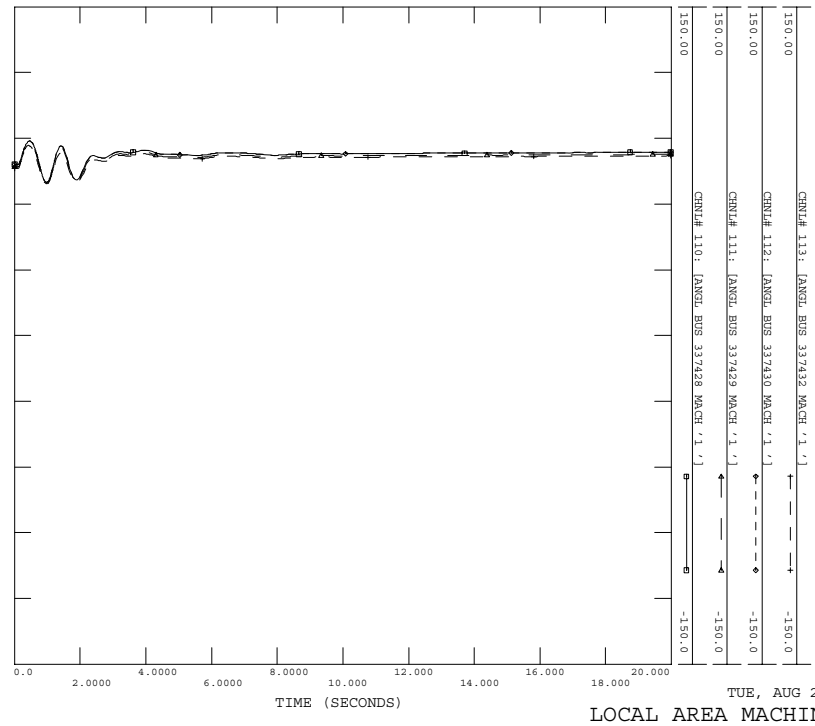
POST-PI226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLI_4_3PH.OUT



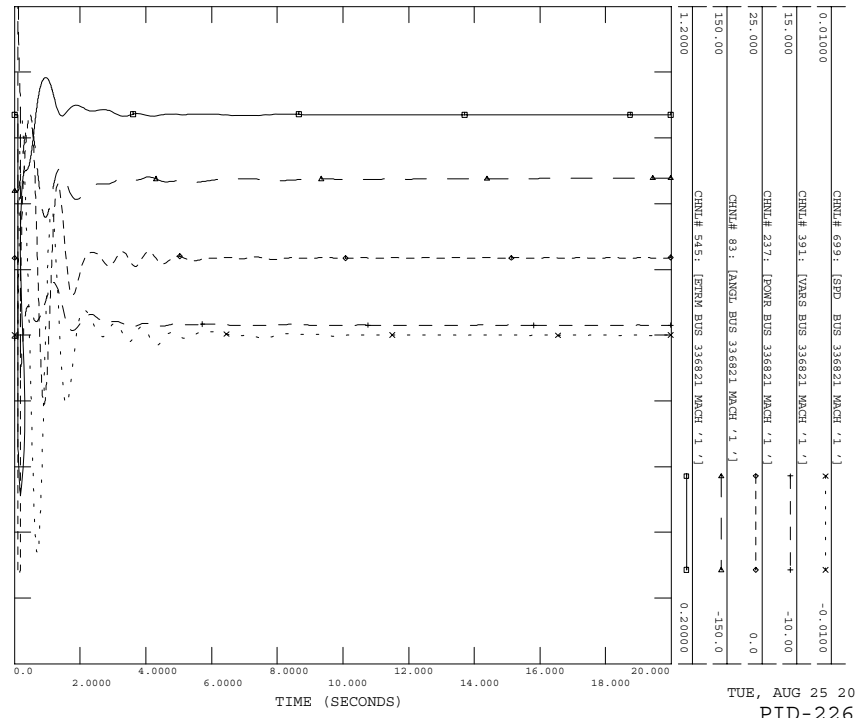
POST-PI226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLI_4_3PH.OUT



POST-PI226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLI_4_3PH.OUT



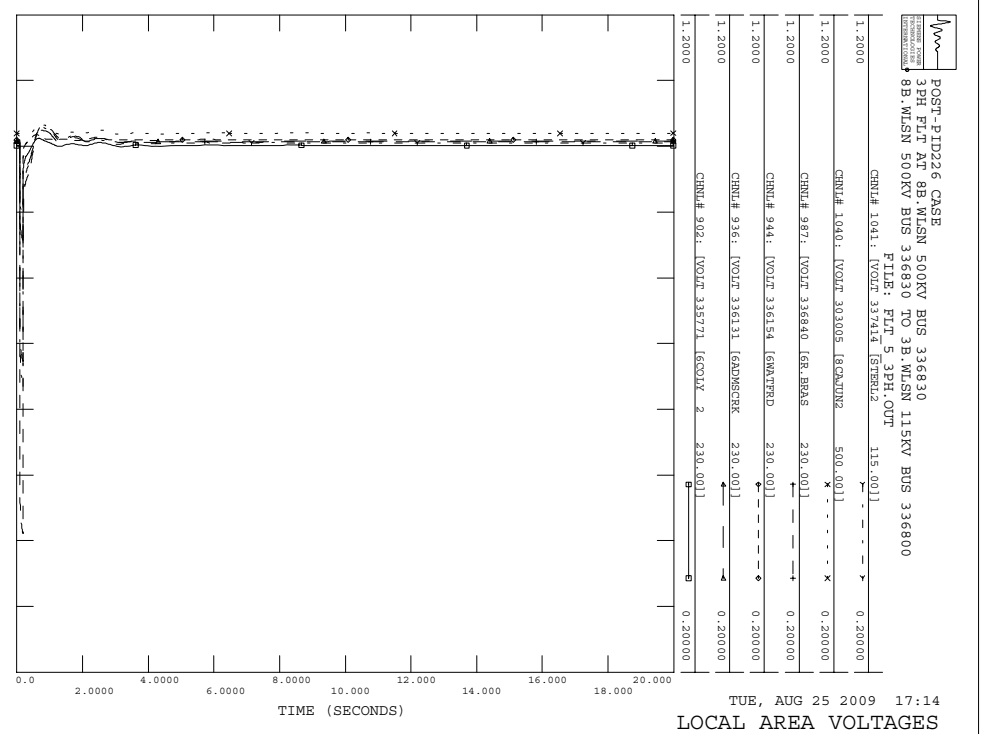
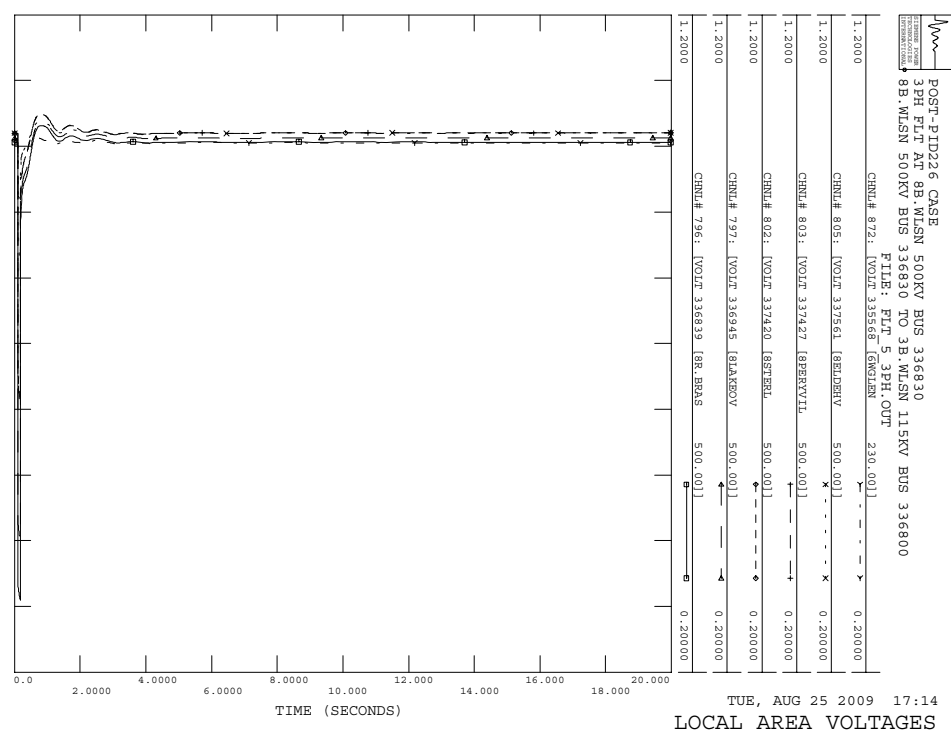
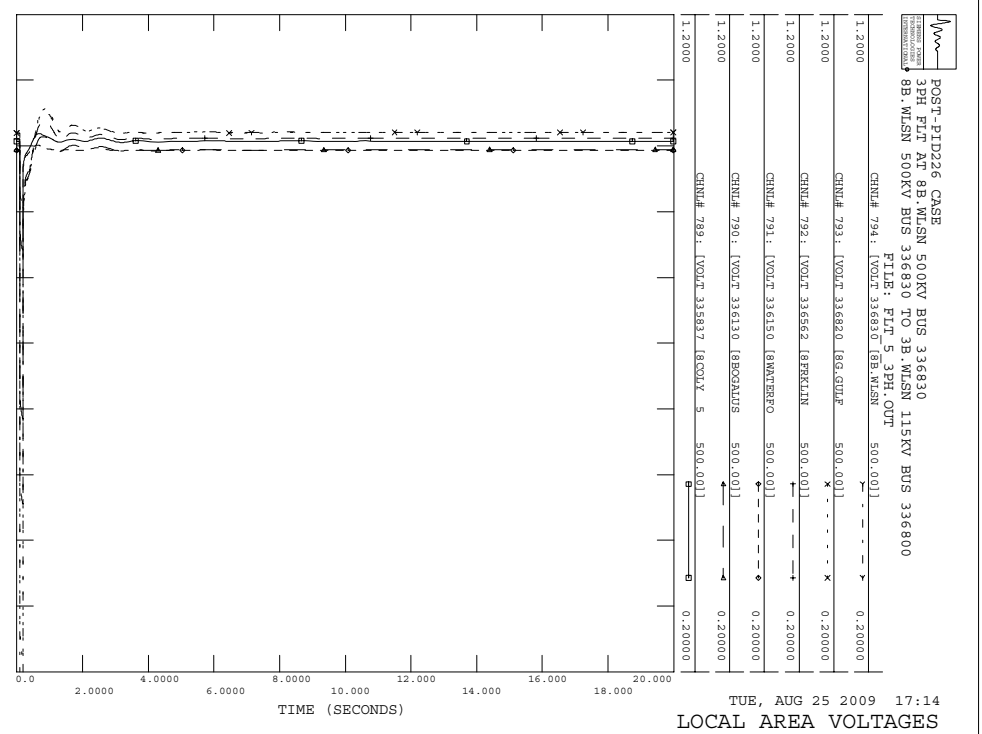
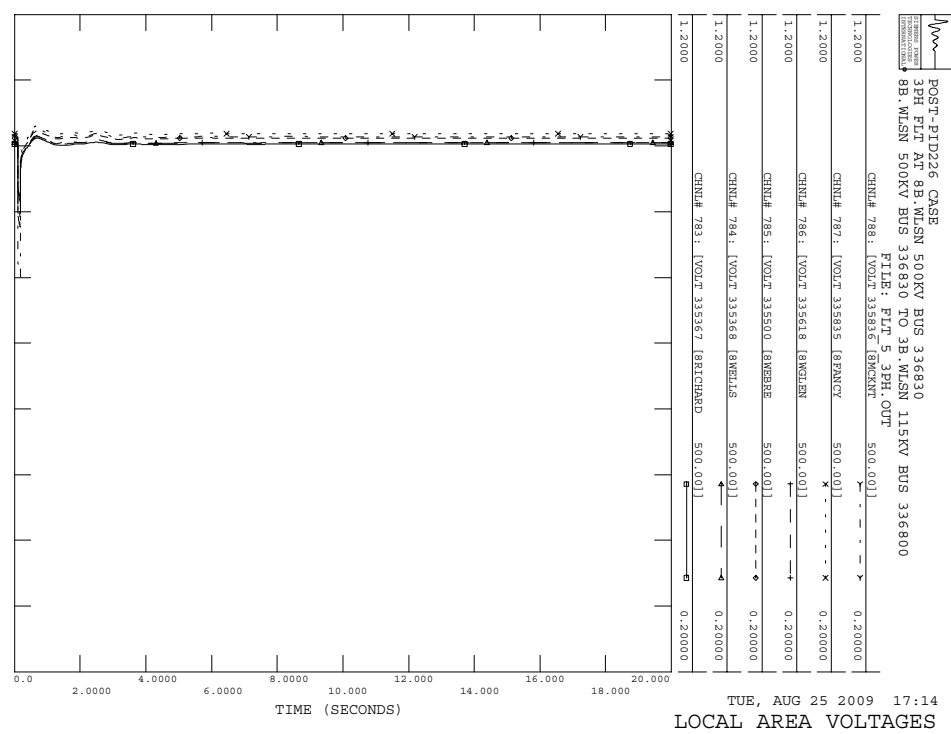
POST-PID226 CASE
 3PH FLT AC BR. MLSN 500KV BUS 336830
 BR. MLSN 500KV BUS 336830 TO BR. BRAS 500KV BUS 336839
 FILE: FLI_4_3PH.001

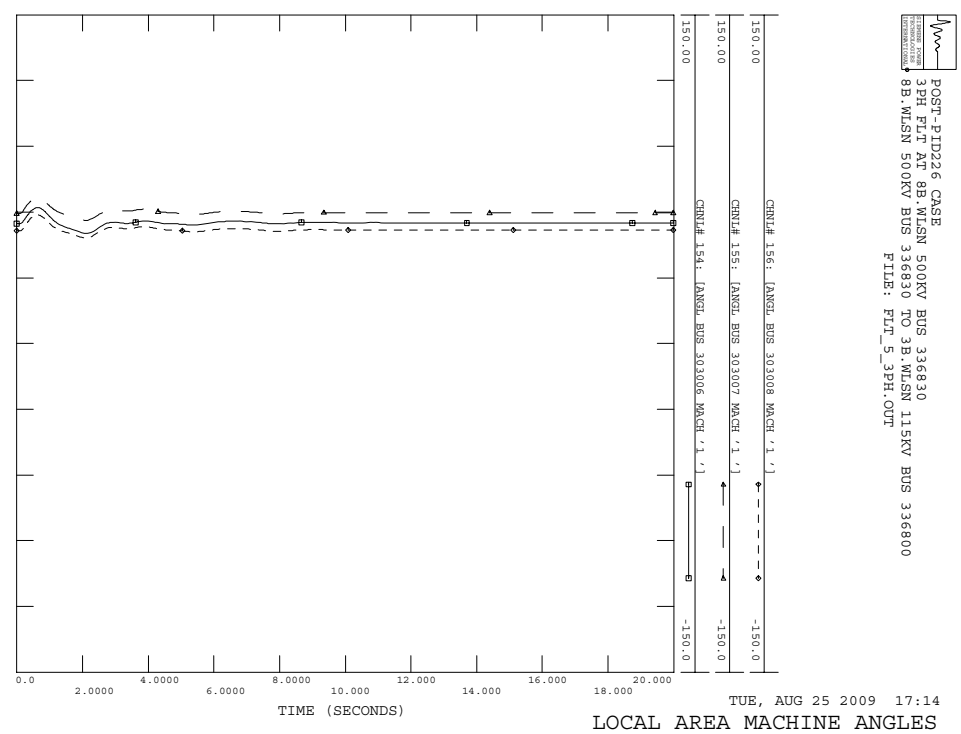
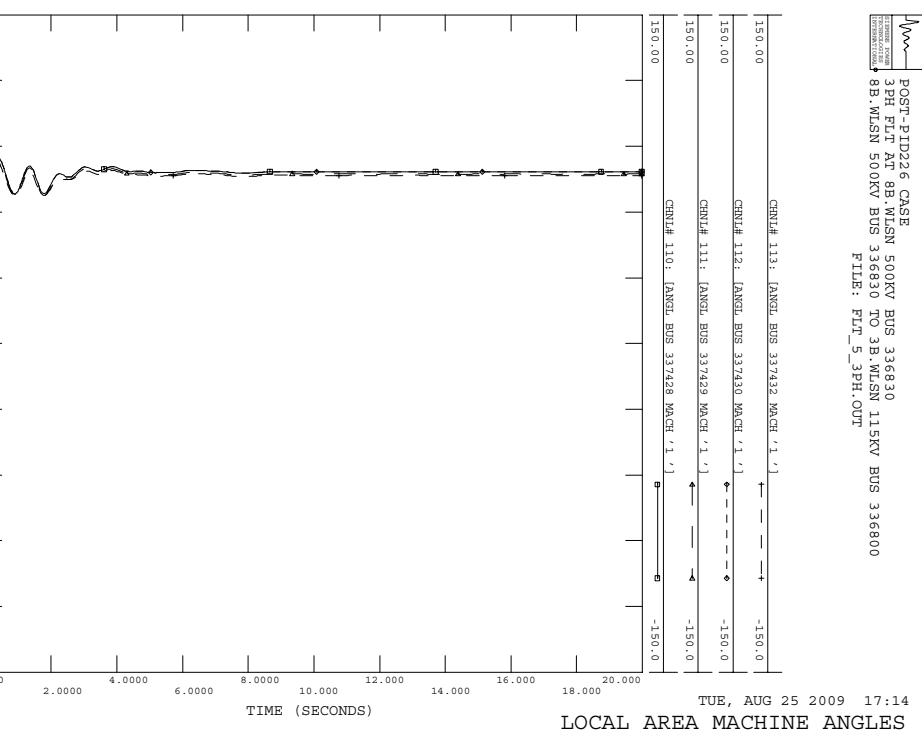
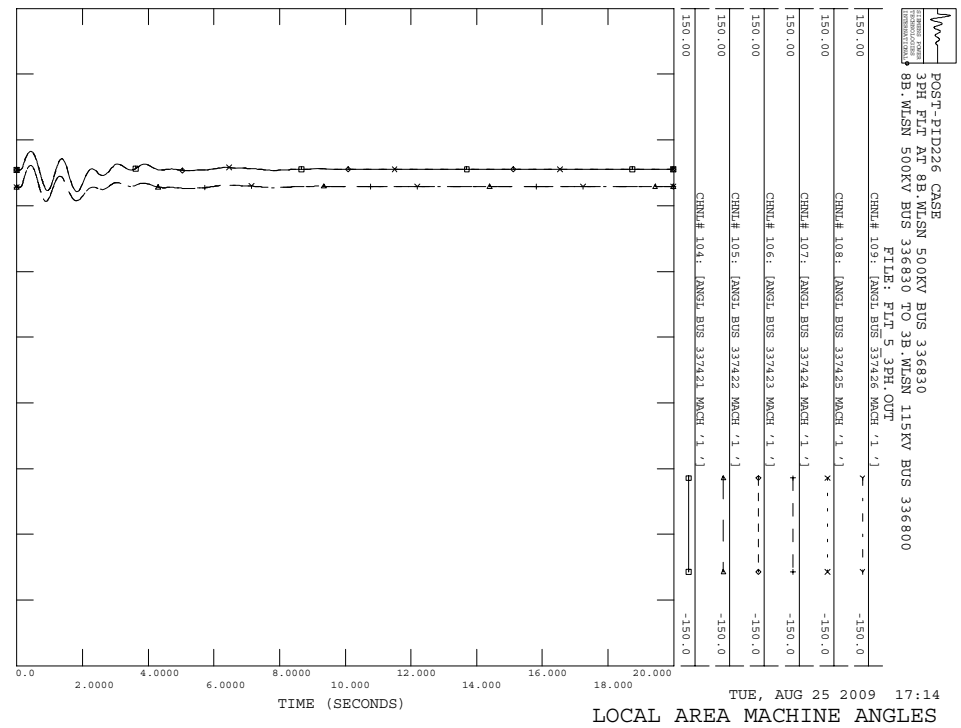
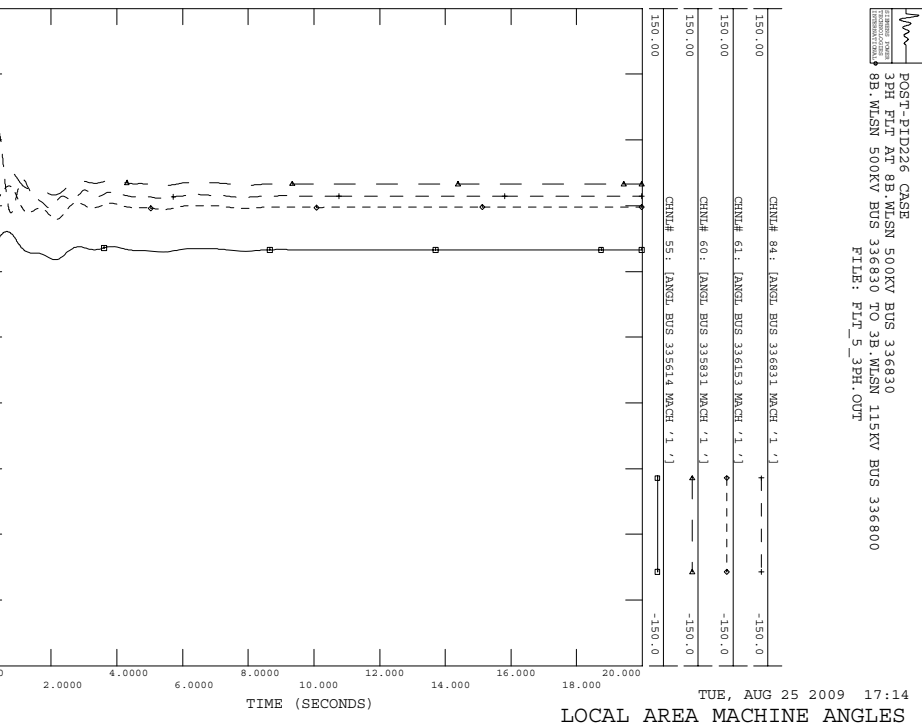


C.5 FLT_5_3PH

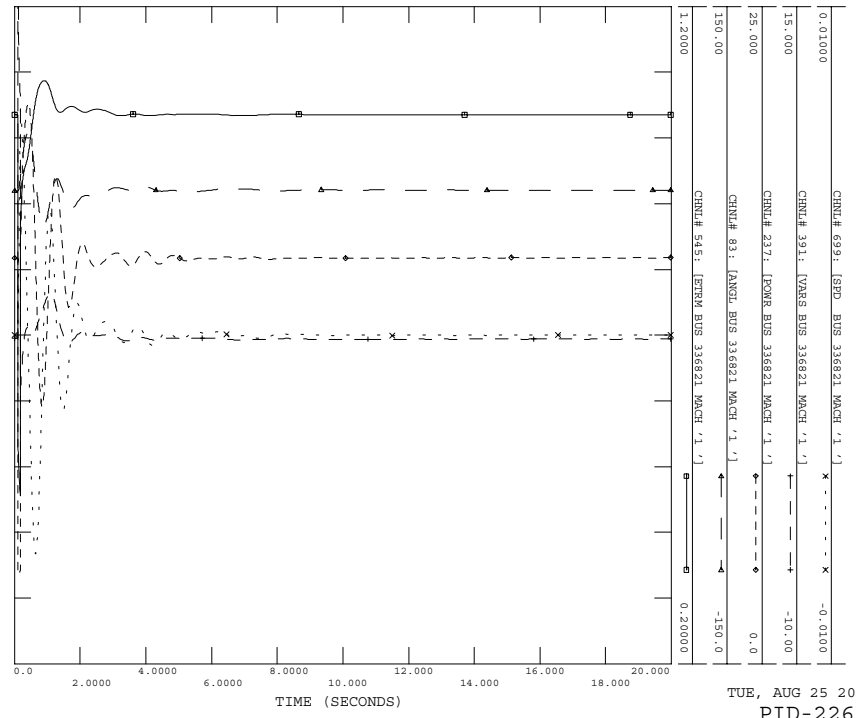
Three phase fault on the 8B.WLSN (#336830) to 3B.WLSN (#336800) transformer, near the 8B.WLSN.

- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Clear fault after 5 cycles by tripping transformer from 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800





POST-PID226 CASE
 3PH FEED AC 9B WLSN 500KV BUS 336930
 9B WLSN 500KV BUS 336930 TO 9B WLSN 115KV BUS 336900
 FILE: FLI_5_3PH.001

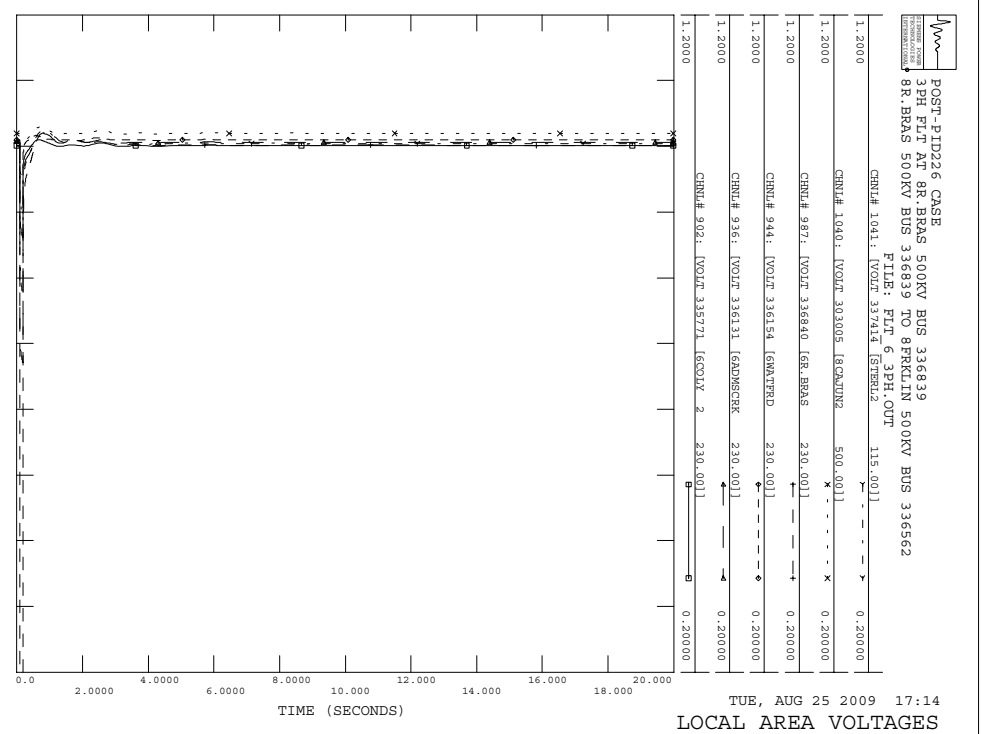
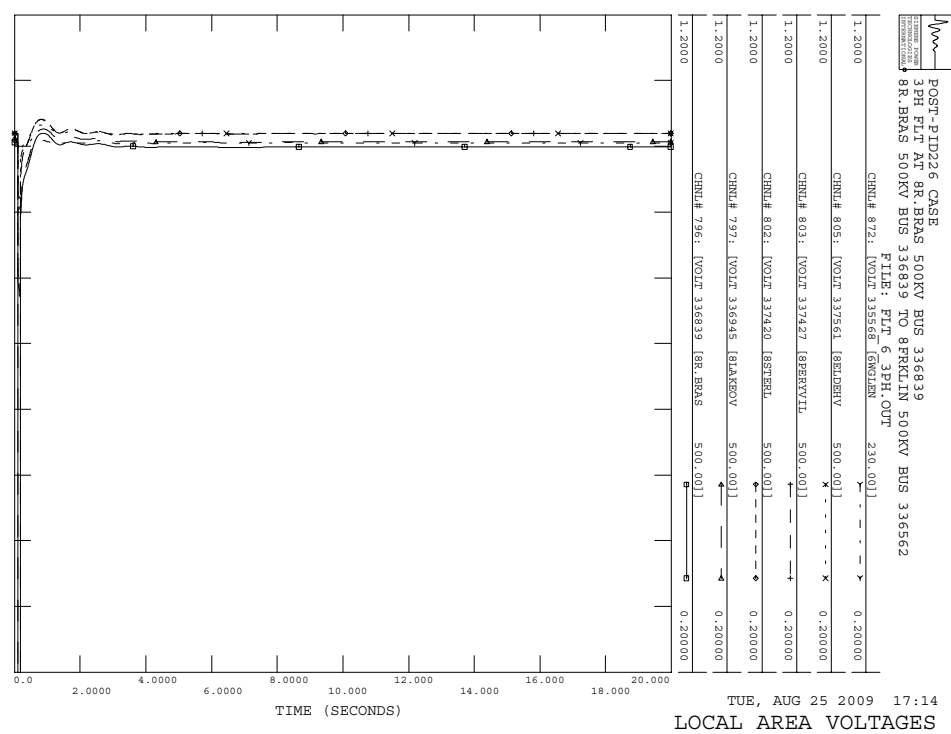
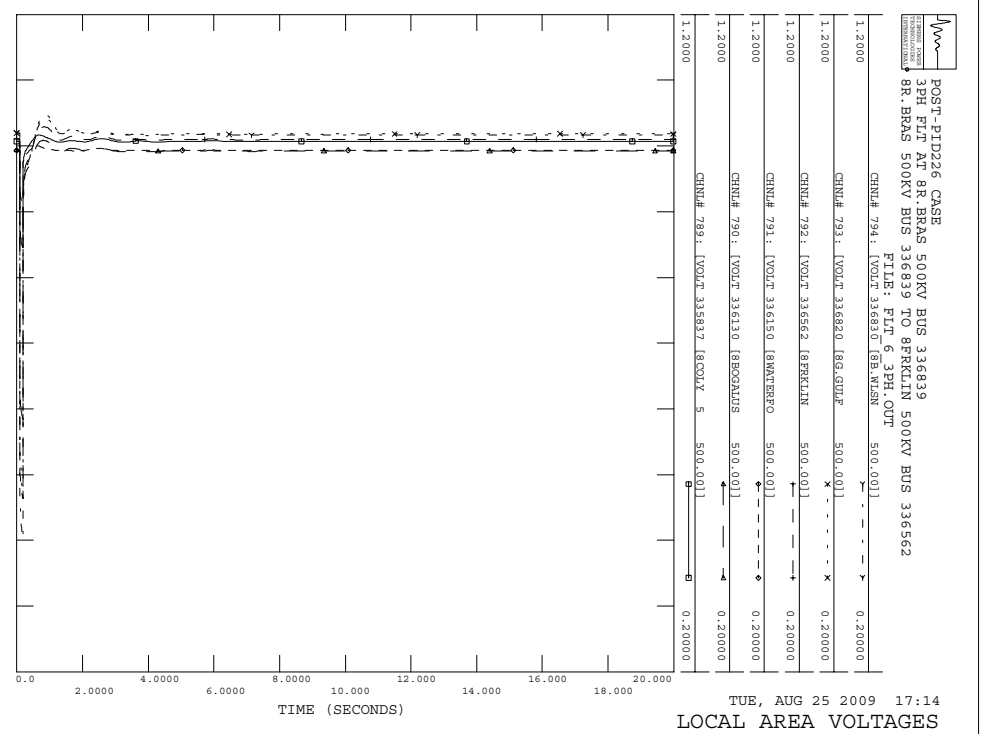
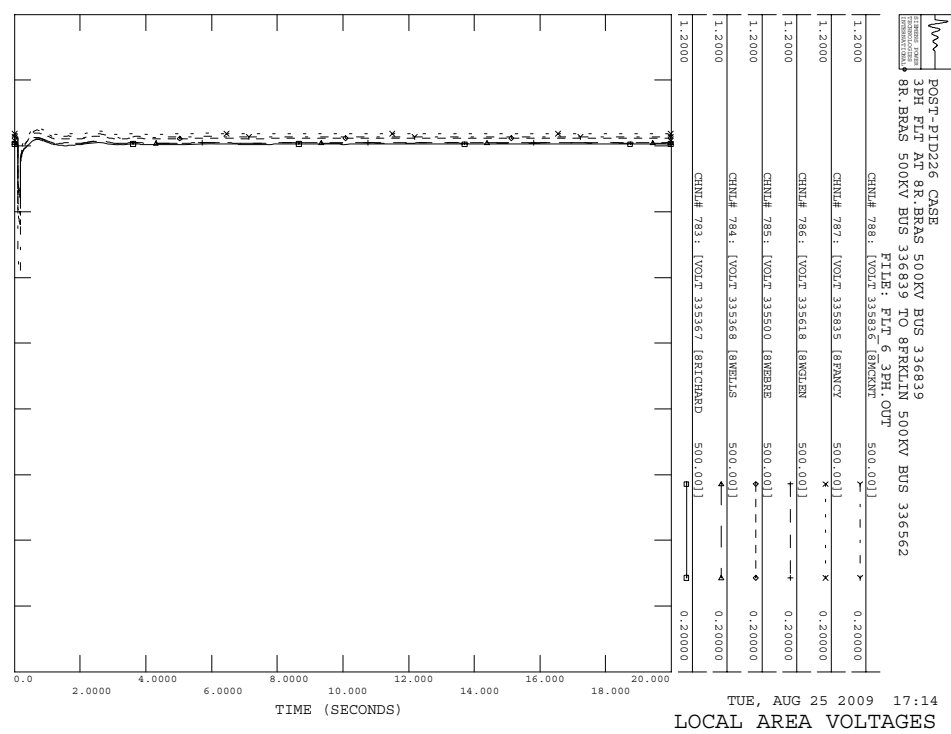


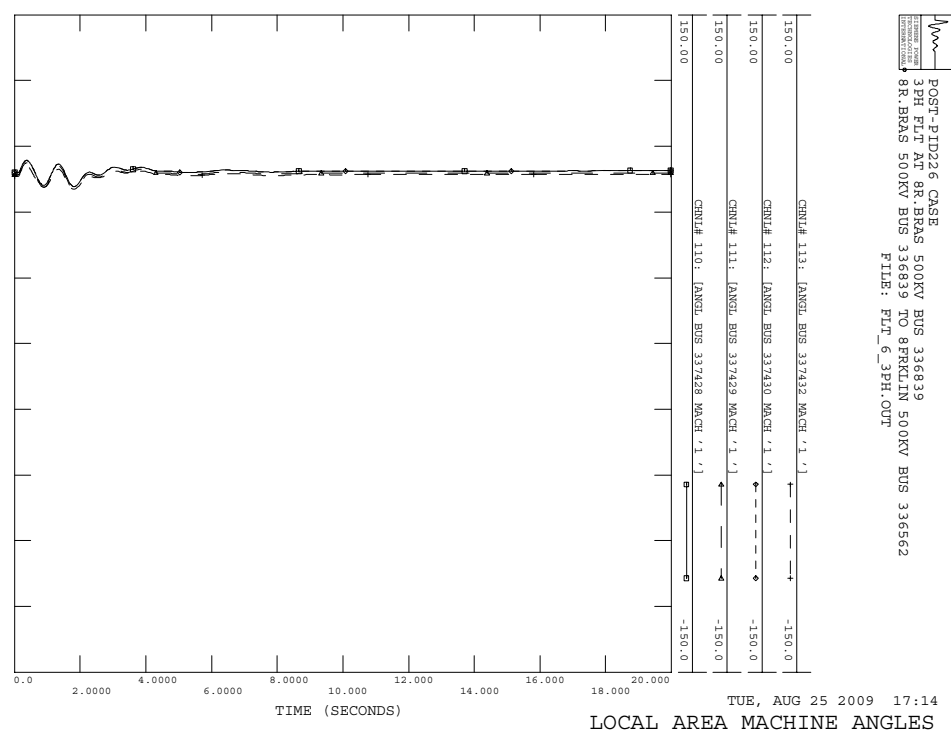
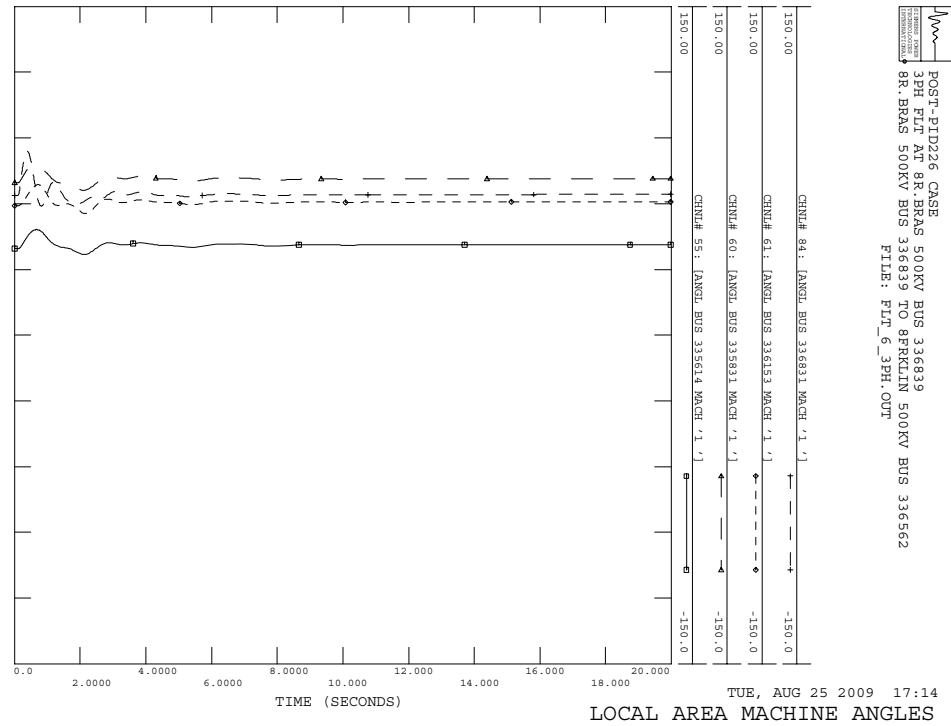
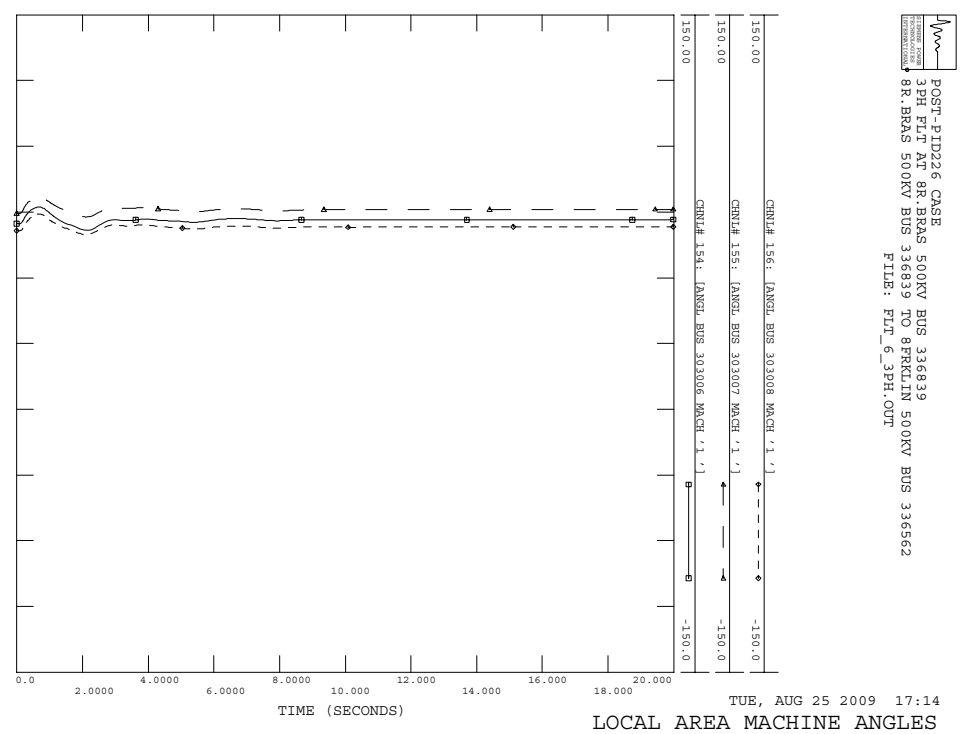
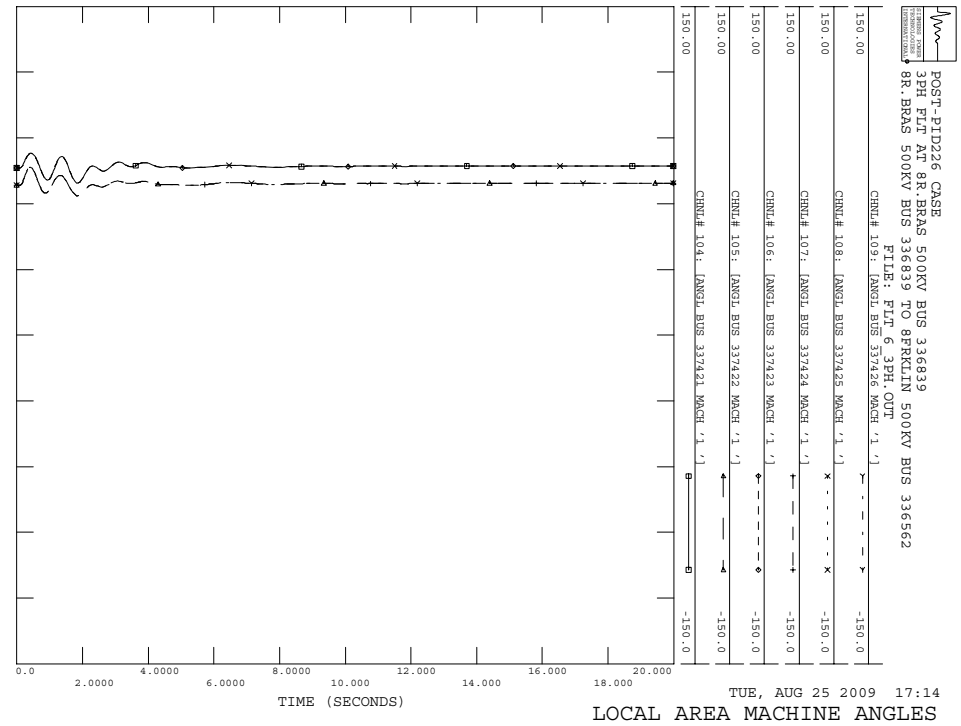
TUE, AUG 25 2009 17:14
 PID-226 PLOTS

C.6 FLT_6_3PH

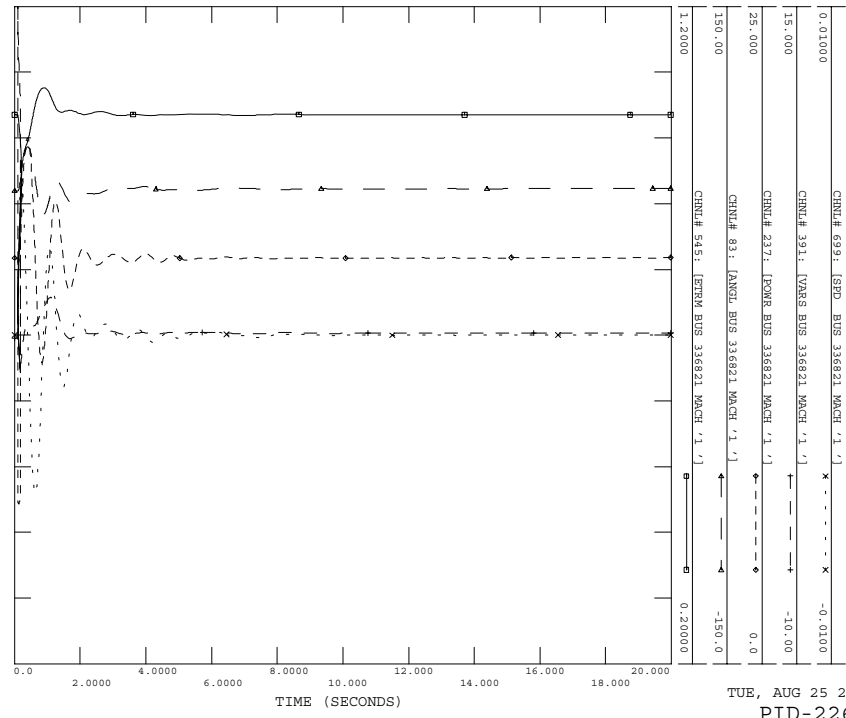
Three phase fault on the 8R.BRAS (#336839) to 8FRKLIN (#336562) 500 kV line, near the 8R.BRAS.

- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping line from 8R.BRAS 500KV BUS 336839 TO 8FRKLIN 500KV BUS 336562





POST-PID226 CASE
 3PH FLT AT BR.BRAS 500KV BUS 336839
 BR.BRAS 500KV BUS 336839 TO BRKLN 500KV BUS 336562
 FILE: FLI_6_3PH.001

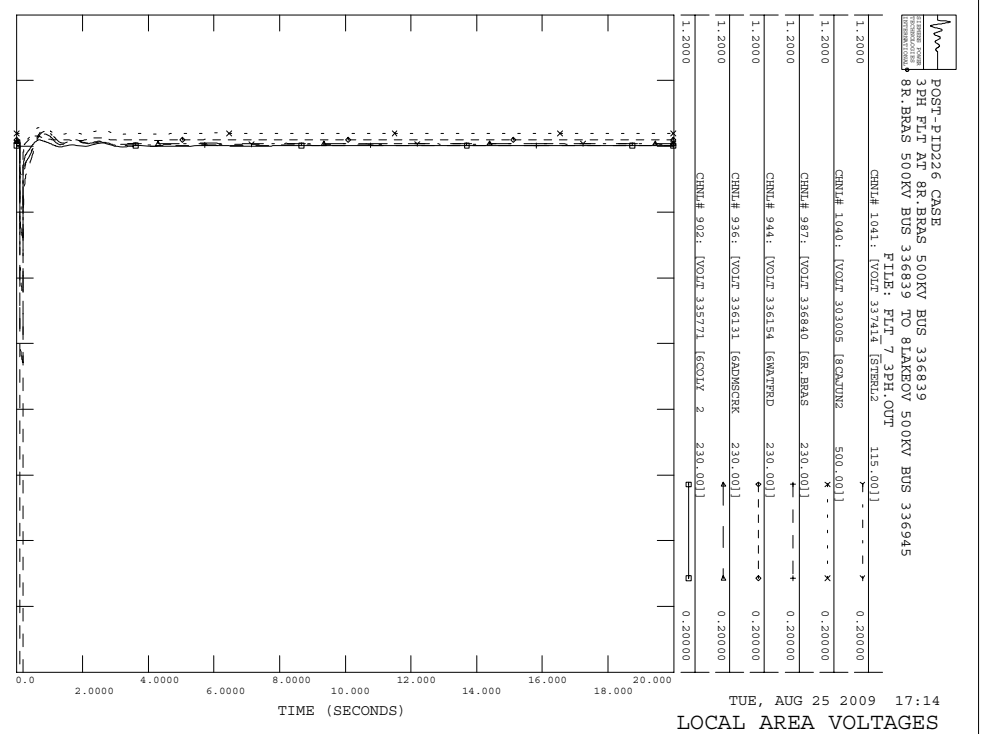
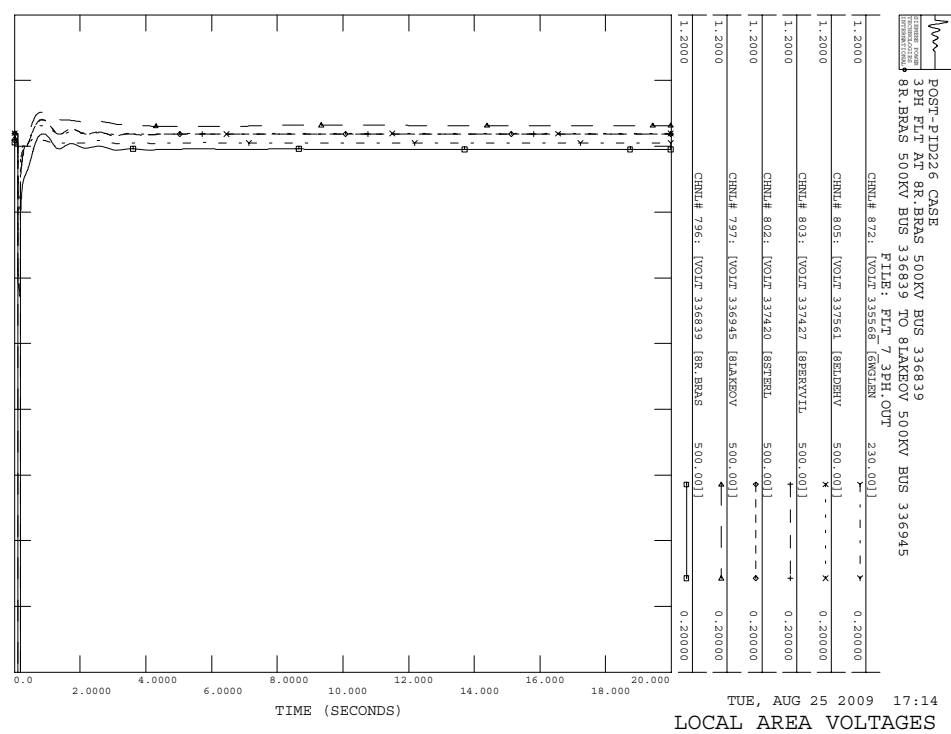
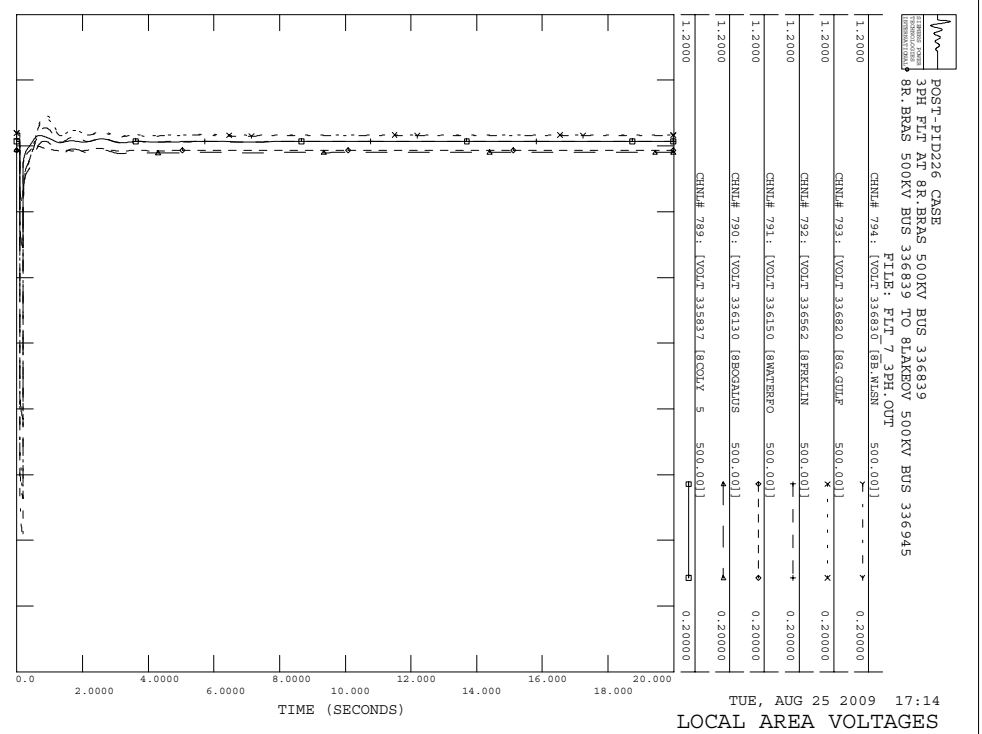
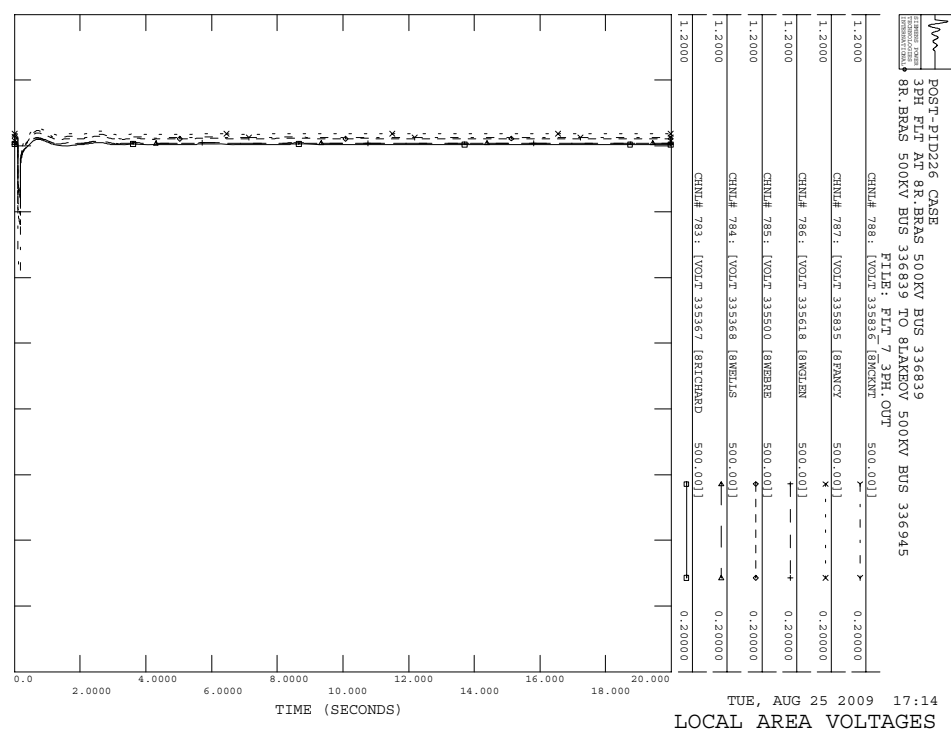


TUE, AUG 25 2009 17:14
 PID-226 PLOTS

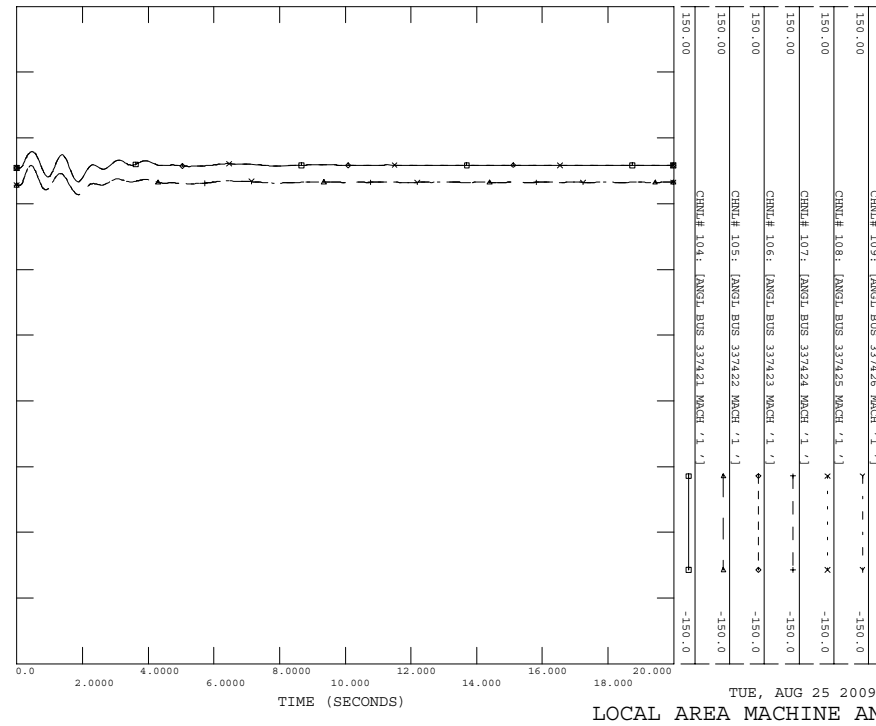
C.7 FLT_7_3PH

Three phase fault on the 8R.BRAS (#336839) to 8LAKEOV (#336945) 500 kV line, near the 8R.BRAS.

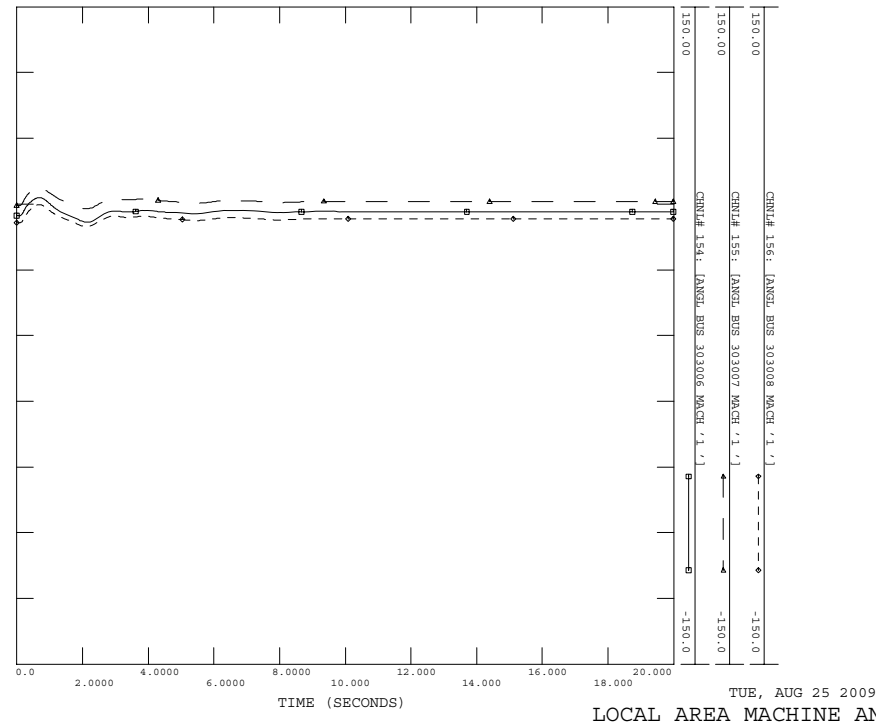
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping line from 8R.BRAS 500KV BUS 336839 TO 8LAKEOV 500KV BUS 336945



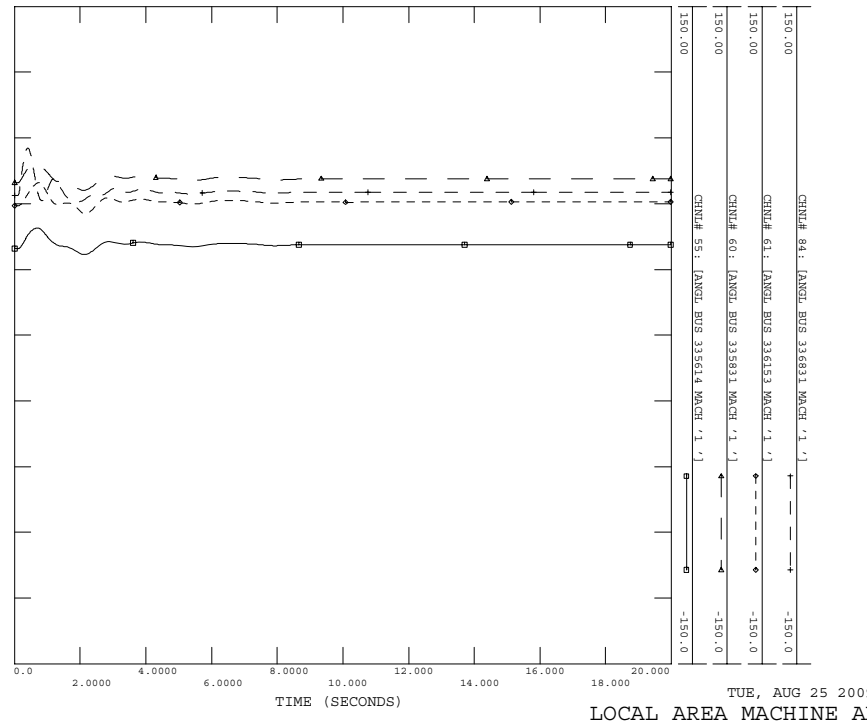
POST-PTD226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8LAKROV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT



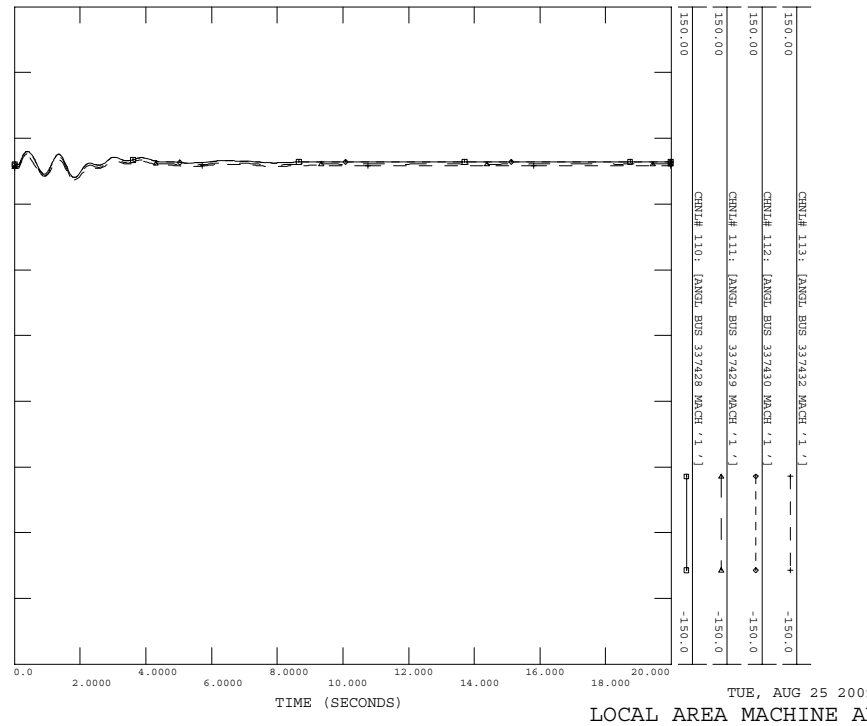
POST-PTD226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8LAKROV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT



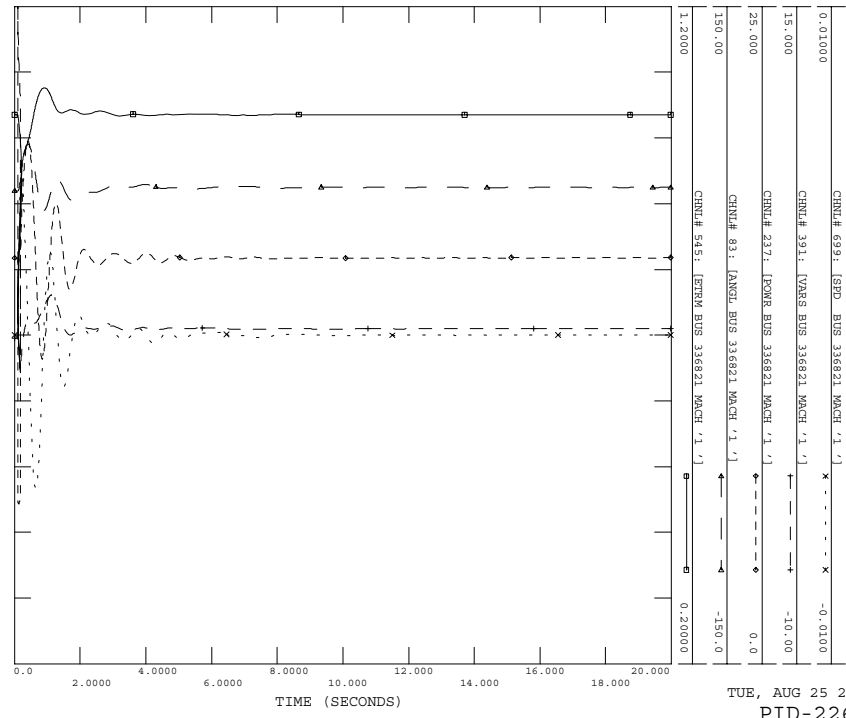
POST-PTD226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8LAKROV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT



POST-PTD226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8LAKROV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT



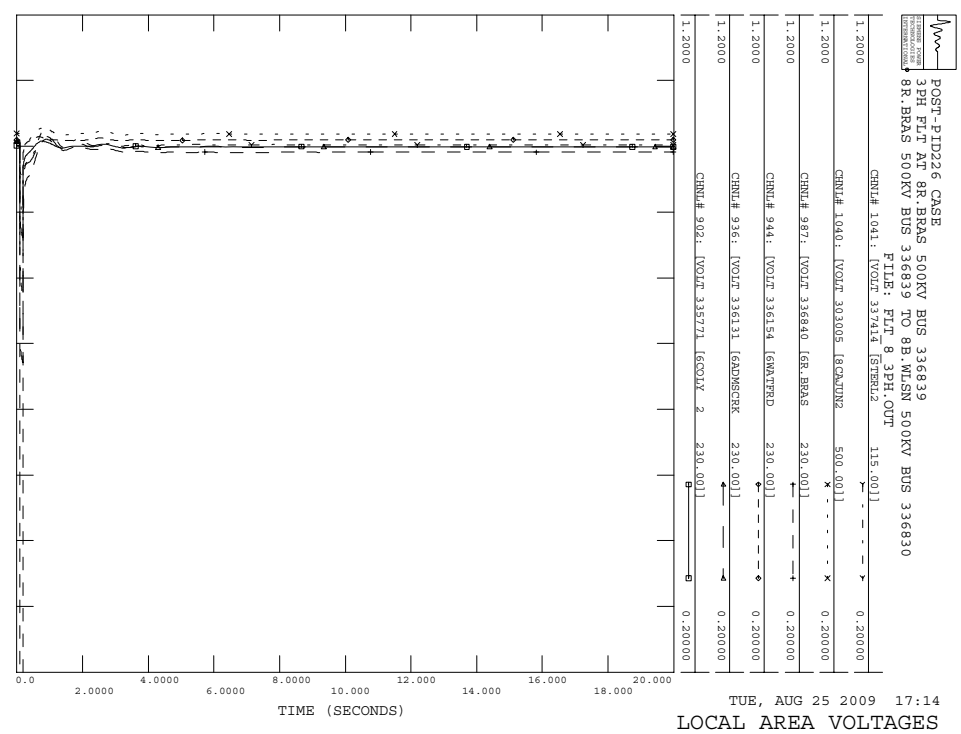
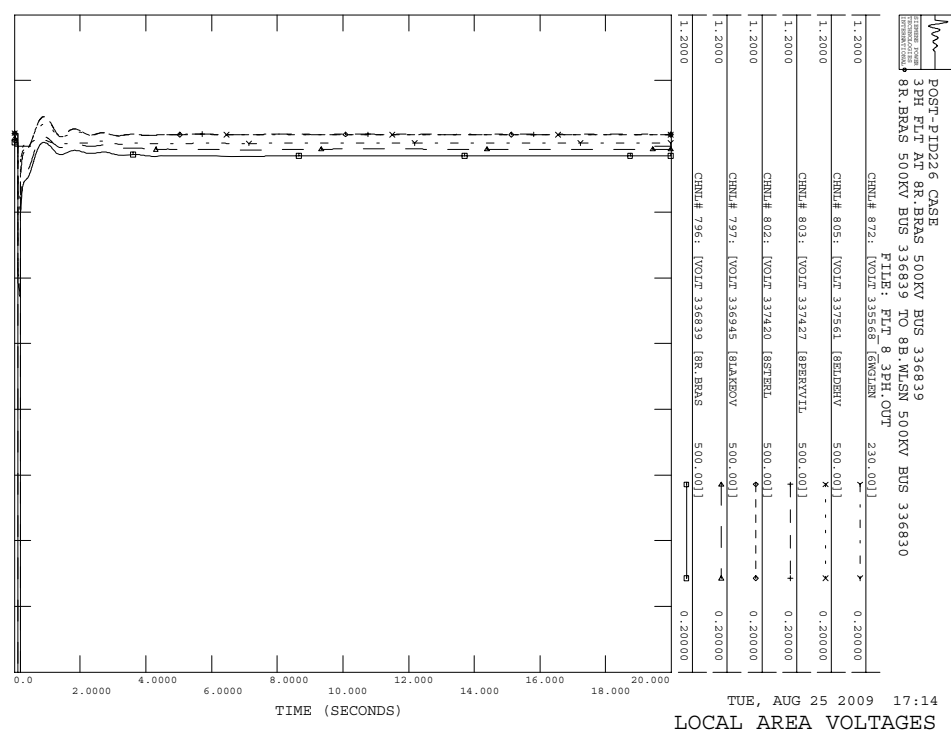
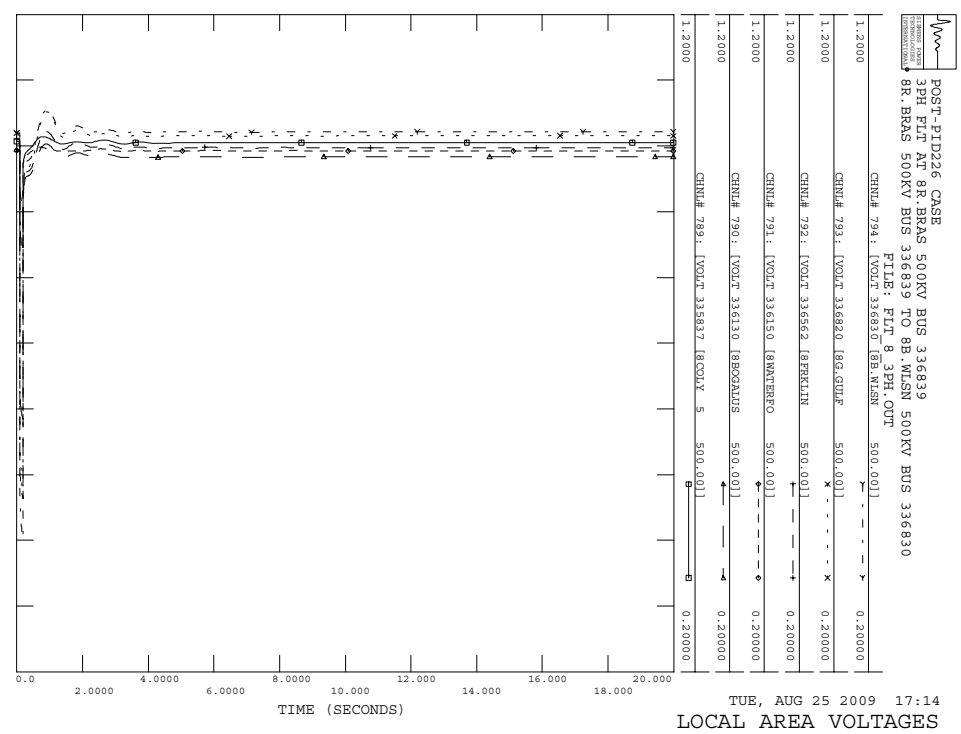
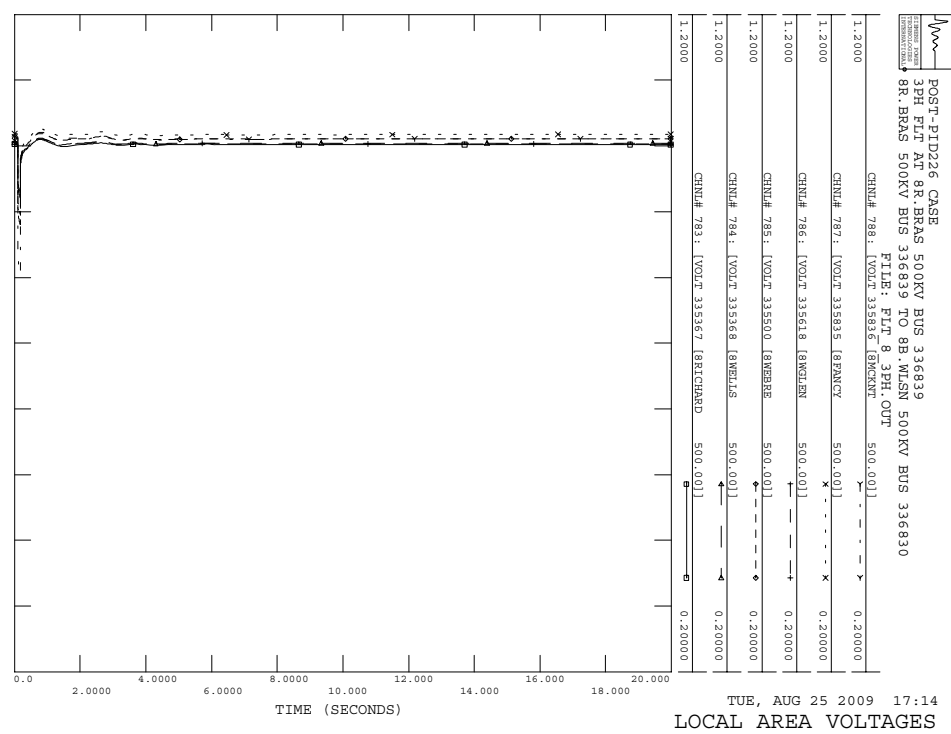
POST-PID226 CASE
 3PH FLT AT BR.BRAS 500KV BUS 336839
 BR.BRAS 500KV BUS 336839 TO BLANKV 500KV BUS 336945
 FILE: FLI_7_3PH.001



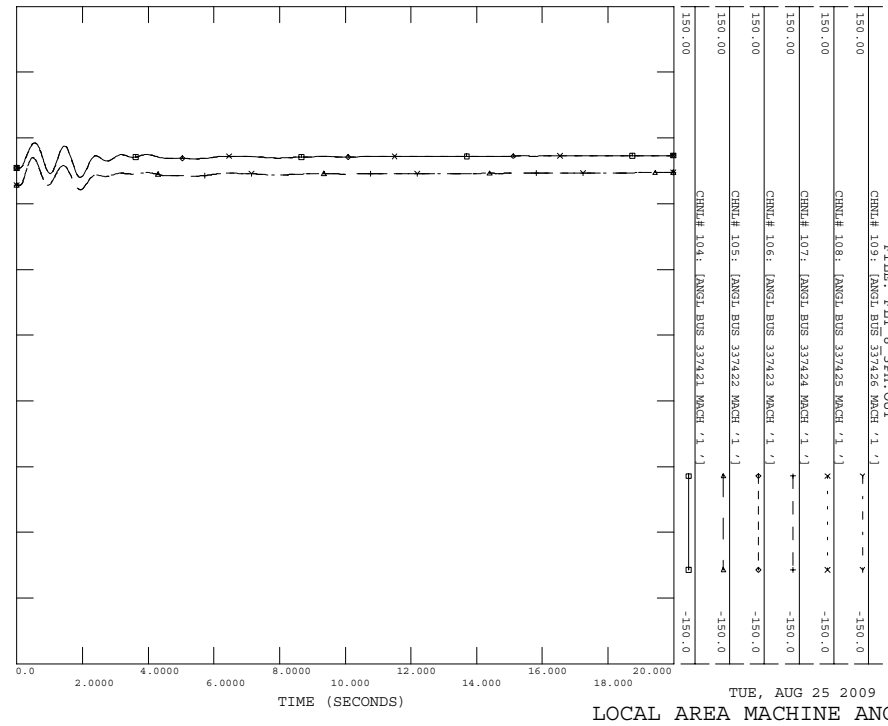
C.8 FLT_8_3PH

Three phase fault on the 8R.BRAS (#336839) to 8B.WLSN (#336830) 500 kV line, near the 8R.BRAS.

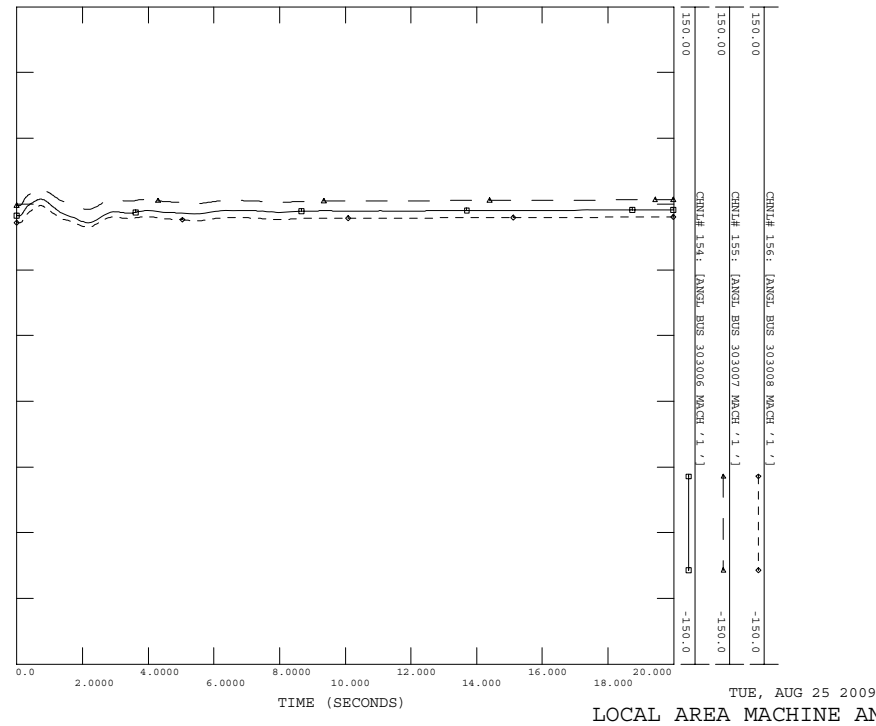
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping line from 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830



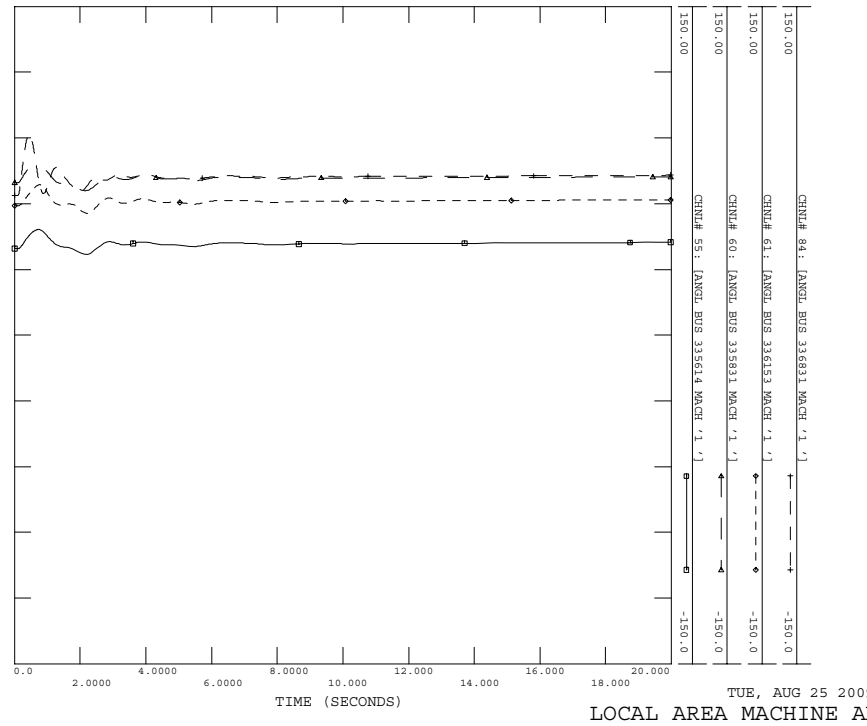
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



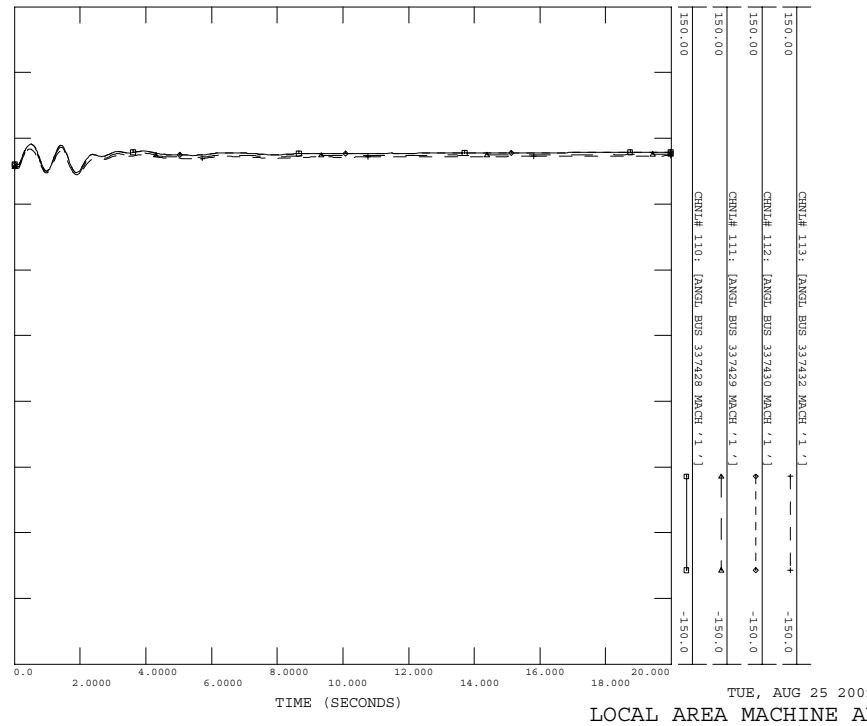
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



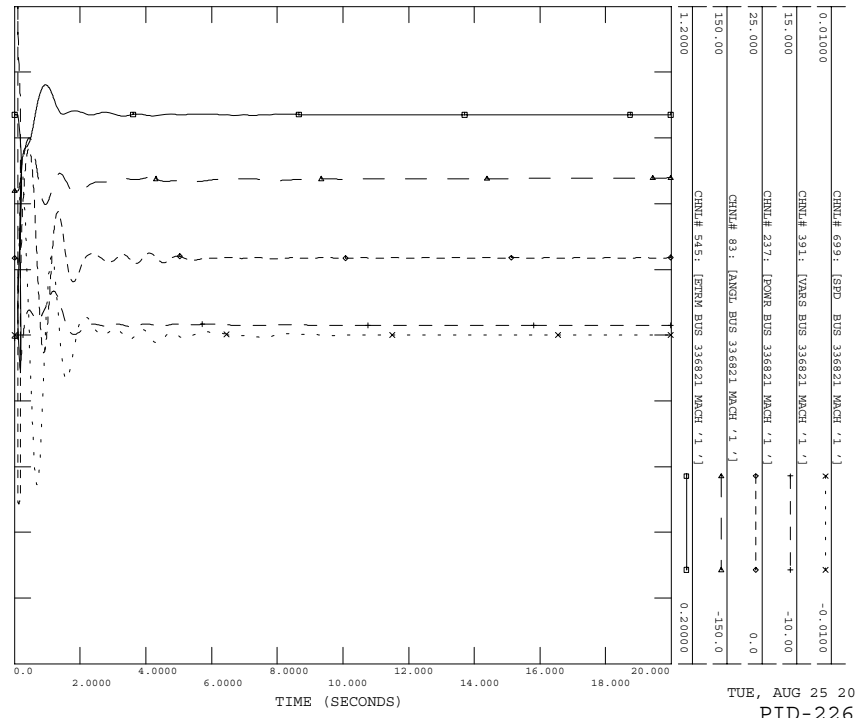
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



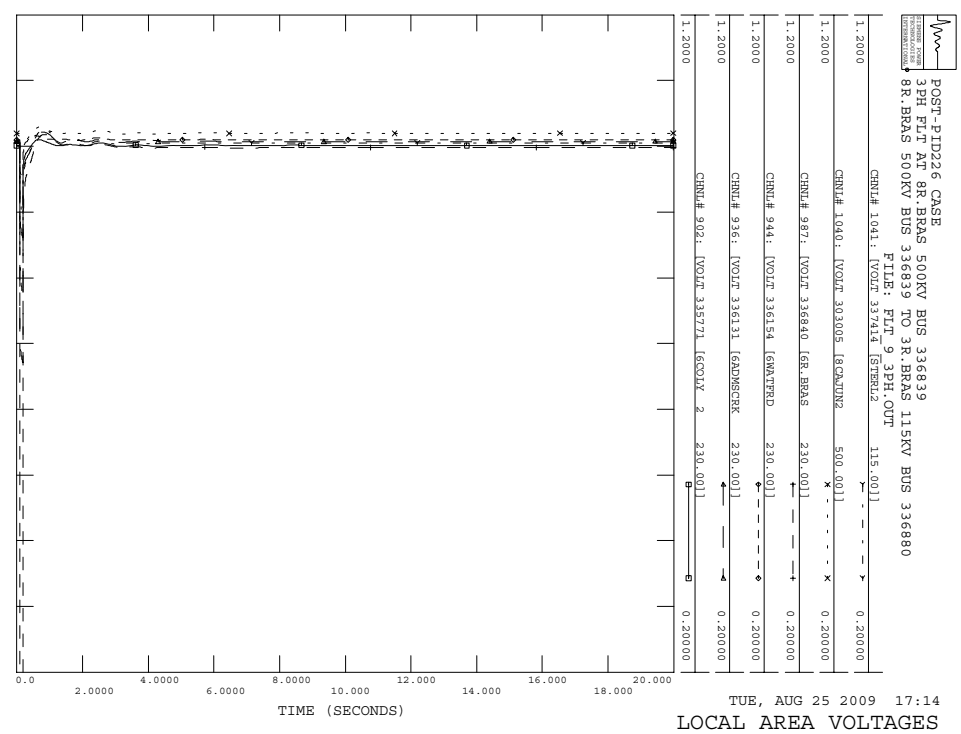
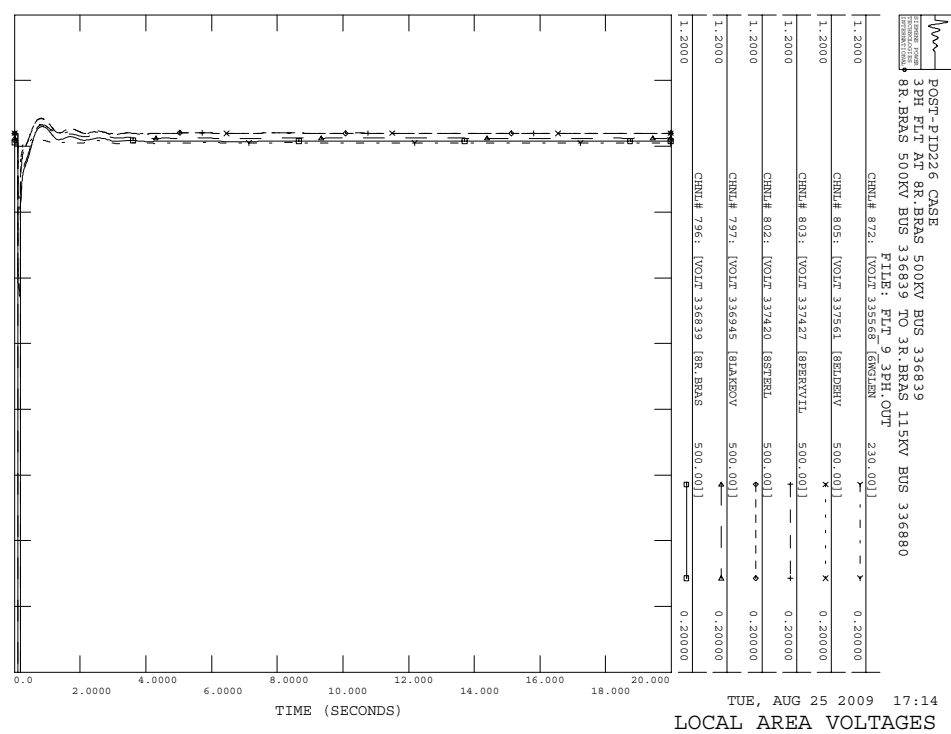
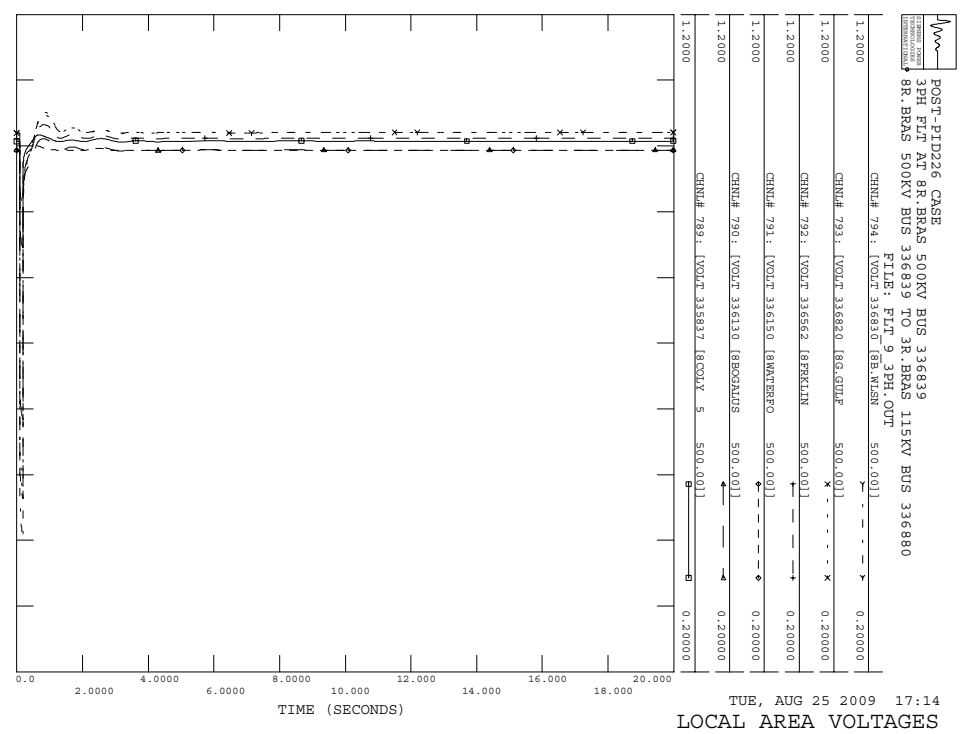
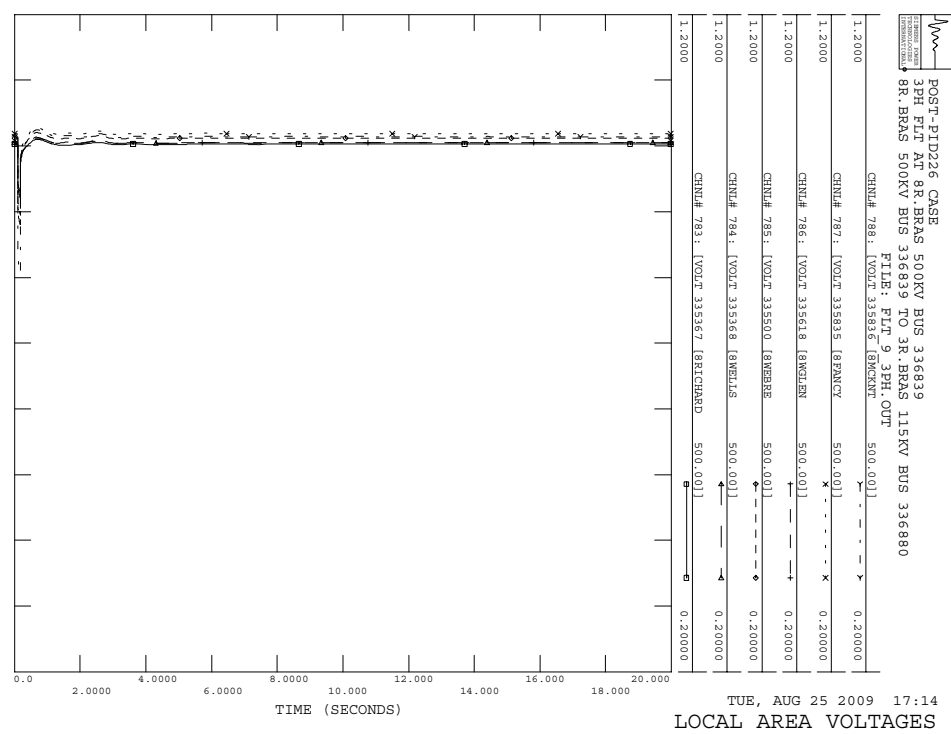
POST-PID226 CASE
 3PH FLT AT BR.BRAS 500KV BUS 336830
 BR.BRAS 500KV BUS 336830 TO BR.WASN 500KV BUS 336830
 FILE: FLI_8_3PH.001



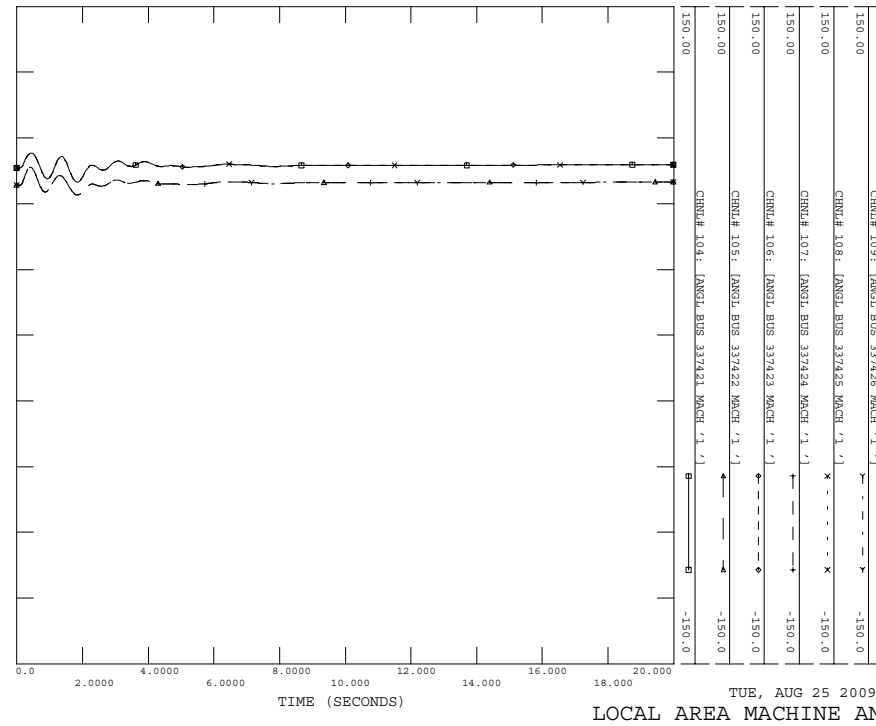
C.9 FLT_9_3PH

Three phase fault on the 8R.BRAS (#336839) to 3R.BRA (#335827) transformer, near the 8R.BRAS.

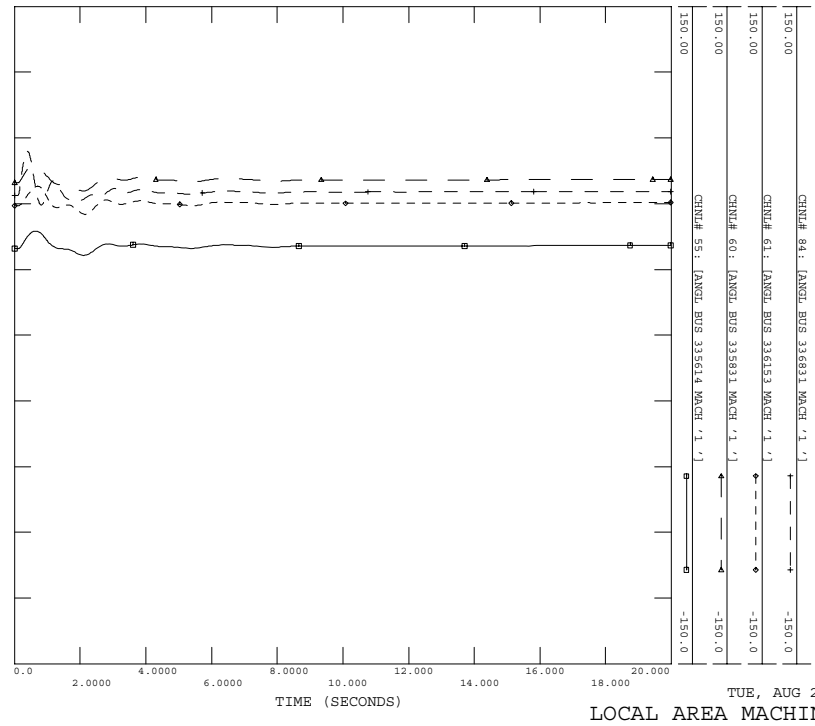
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping transformer from 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880



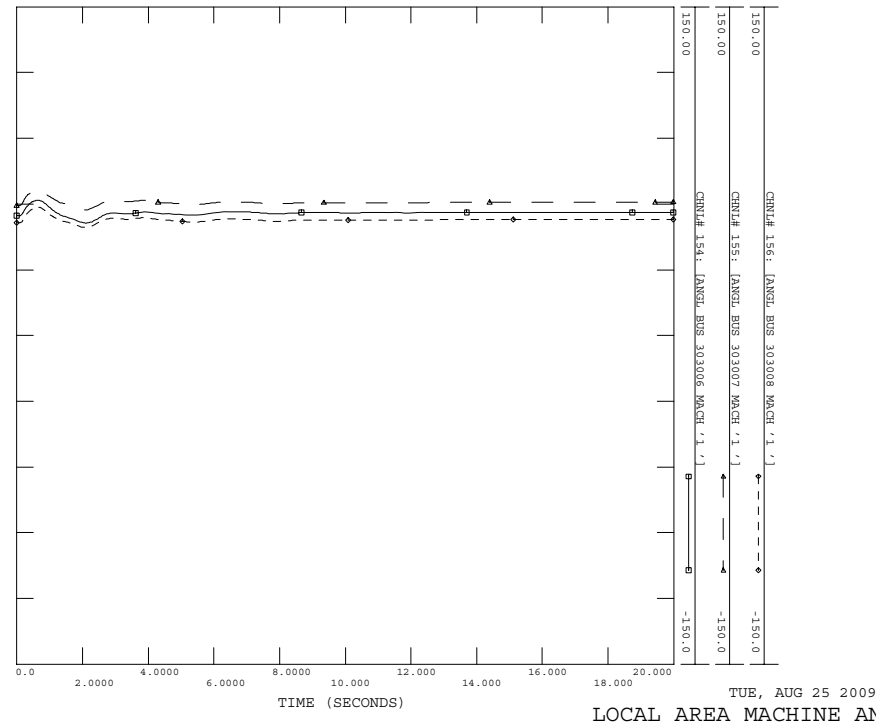
POST-PI226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



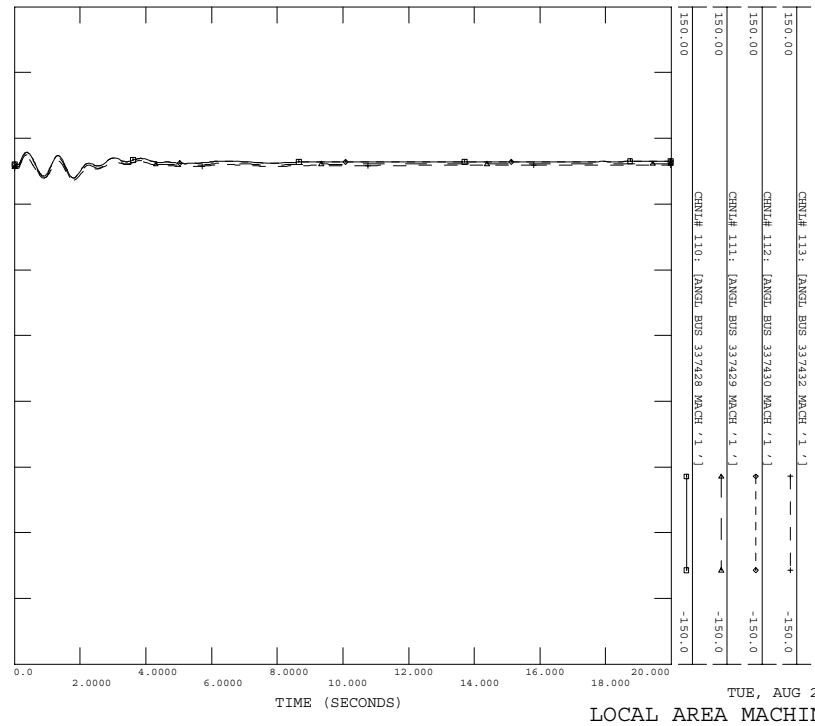
POST-PI226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



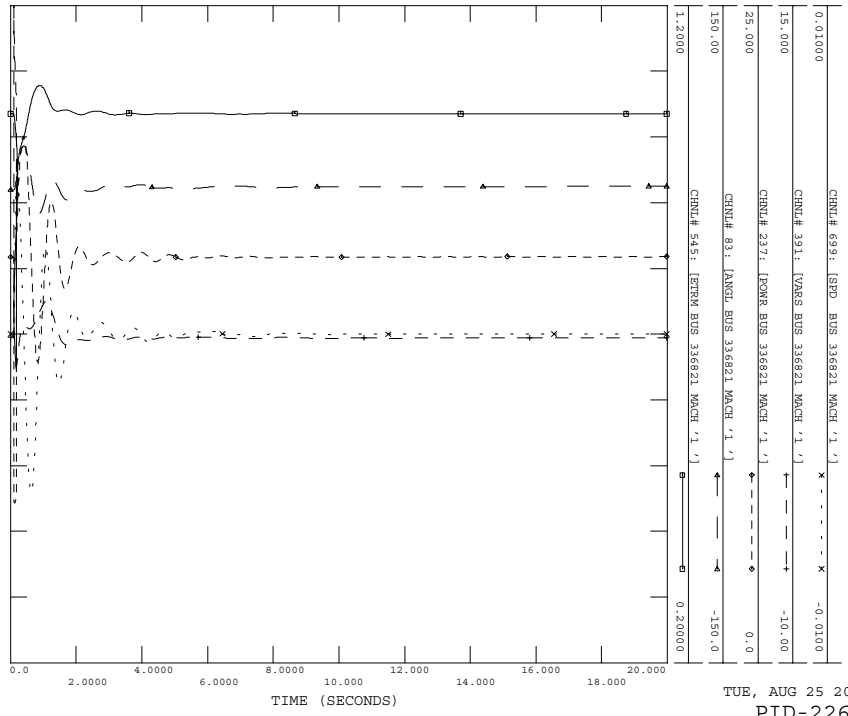
POST-PI226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



POST-PI226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



POST-PID226 CASE
 3PH FLT AT BR.BRAS 500KV BUS 336839
 BR.BRAS 500KV BUS 336839 TO BR.BRAS 115KV BUS 336880
 FILE: FLI_9_3PH.001

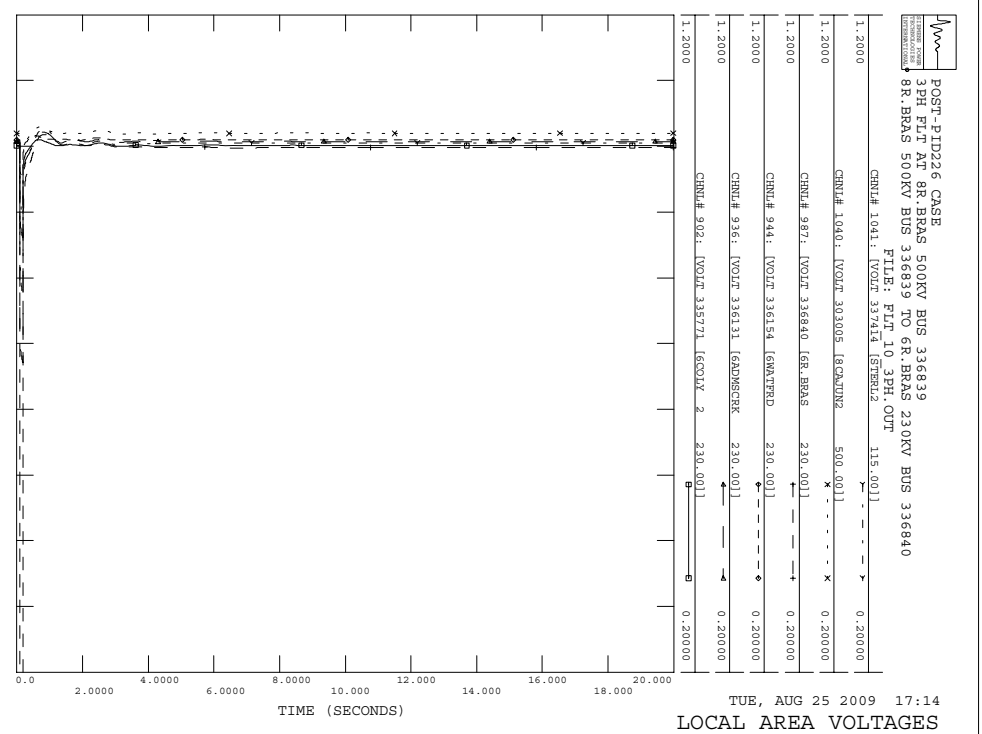
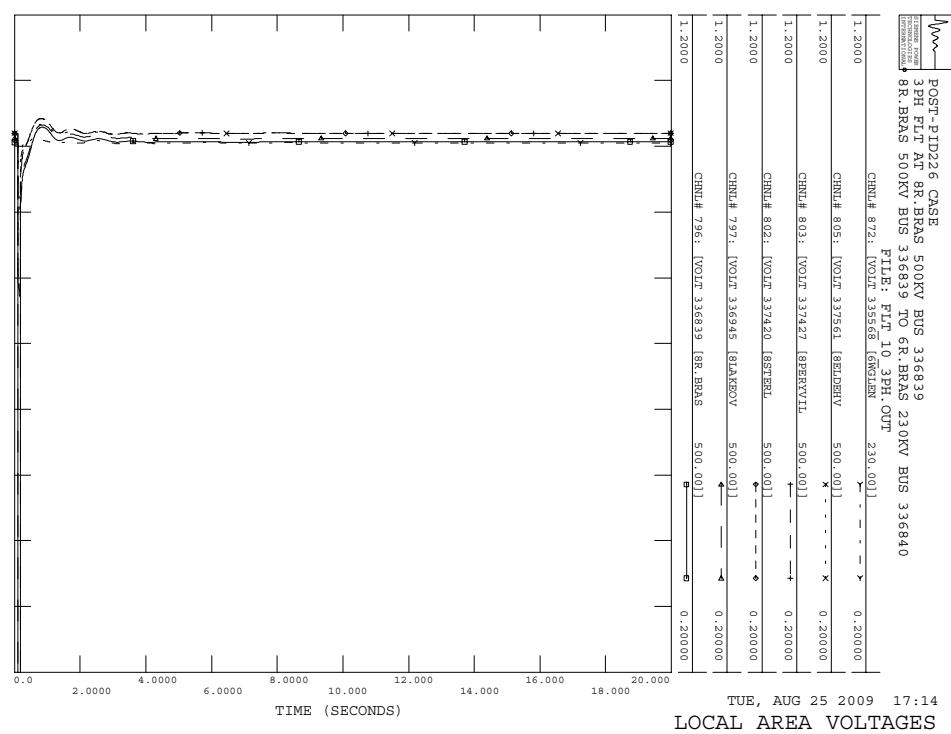
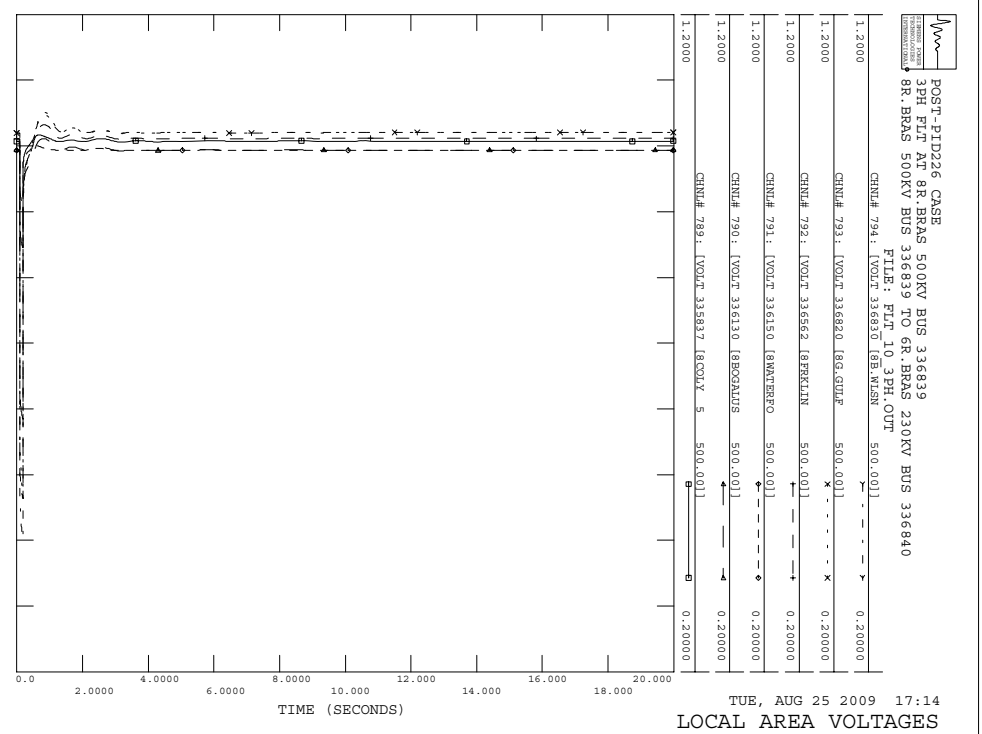
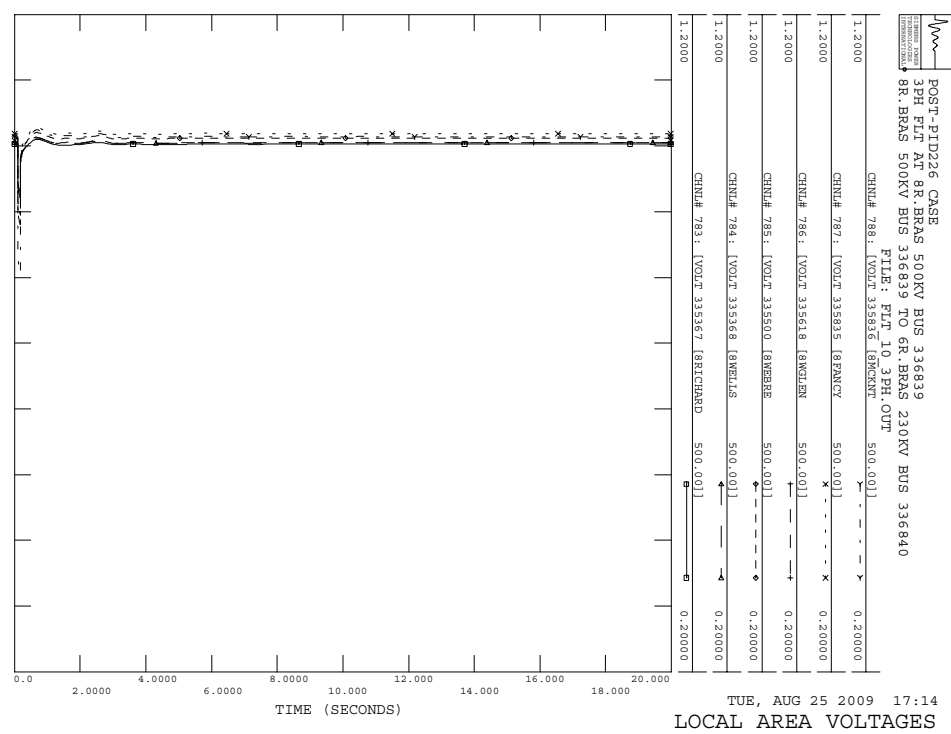


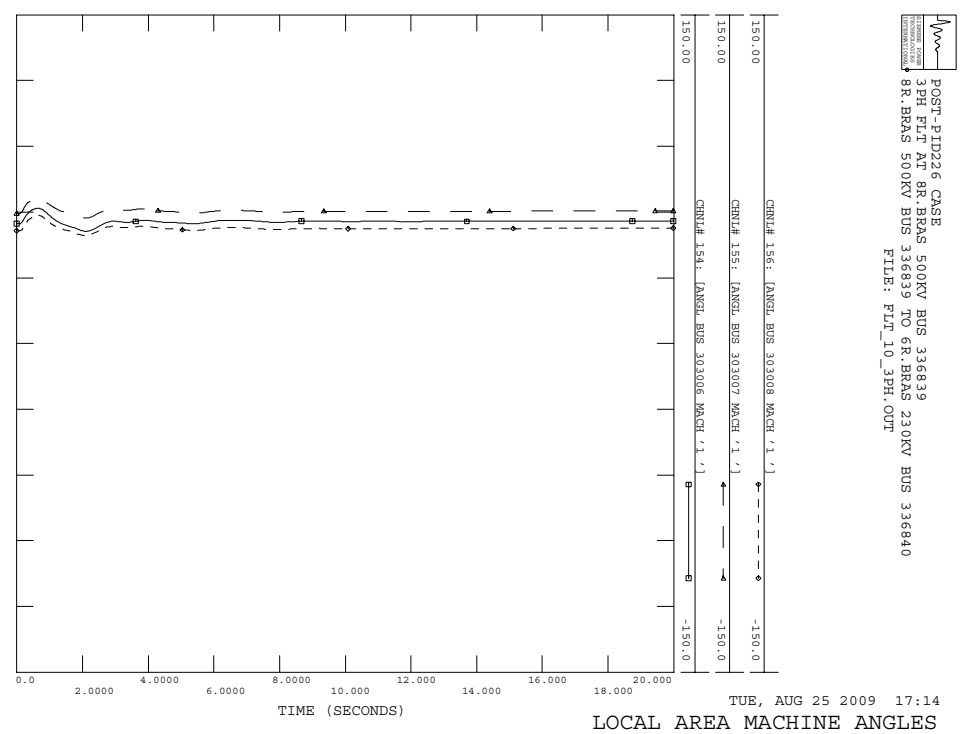
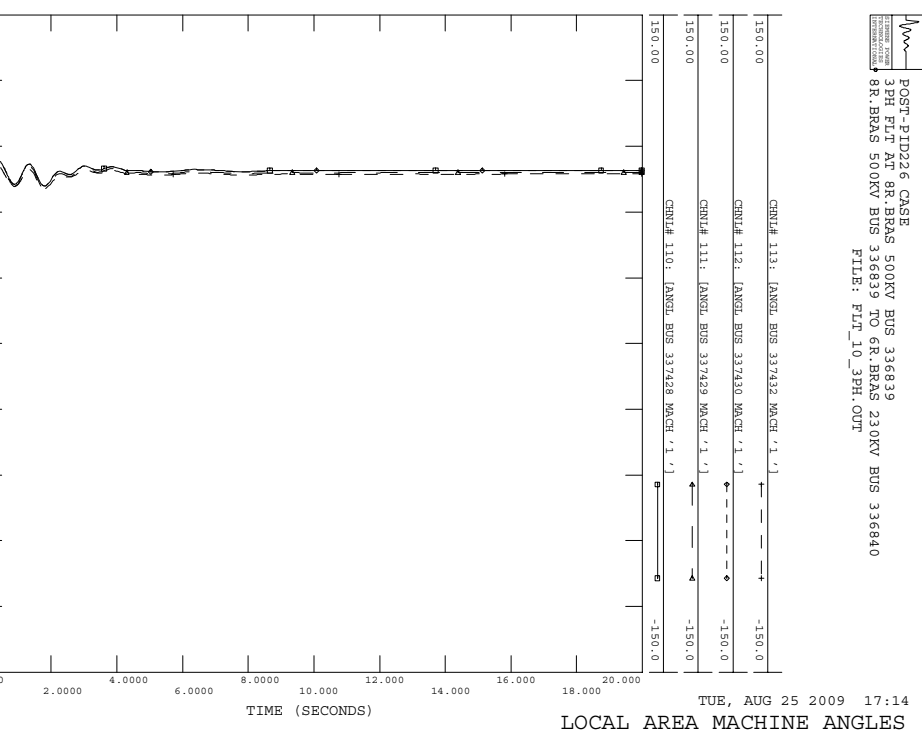
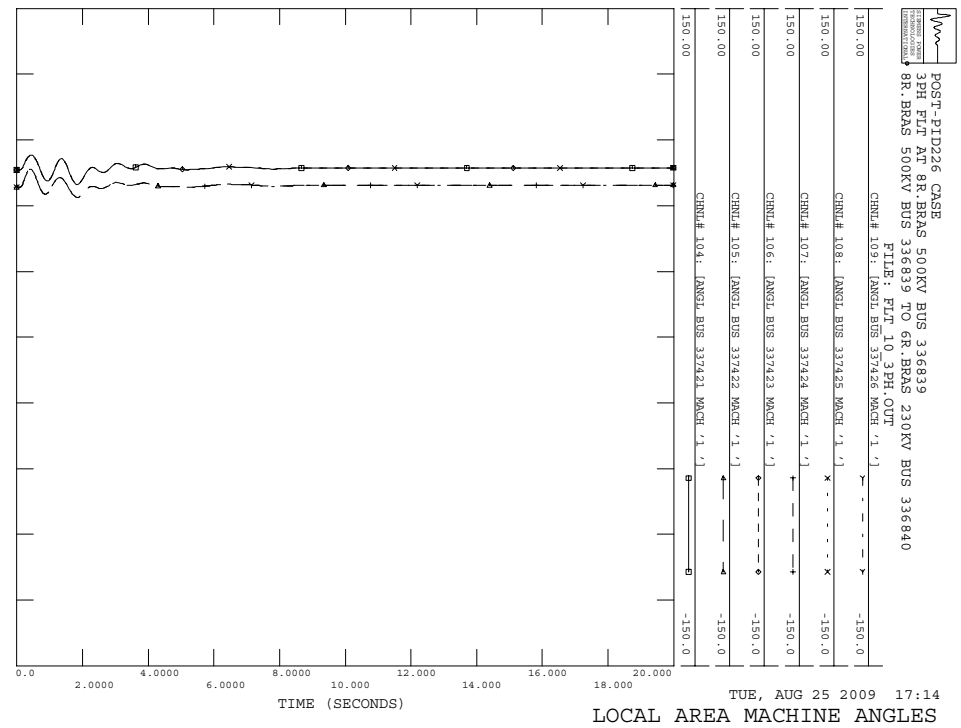
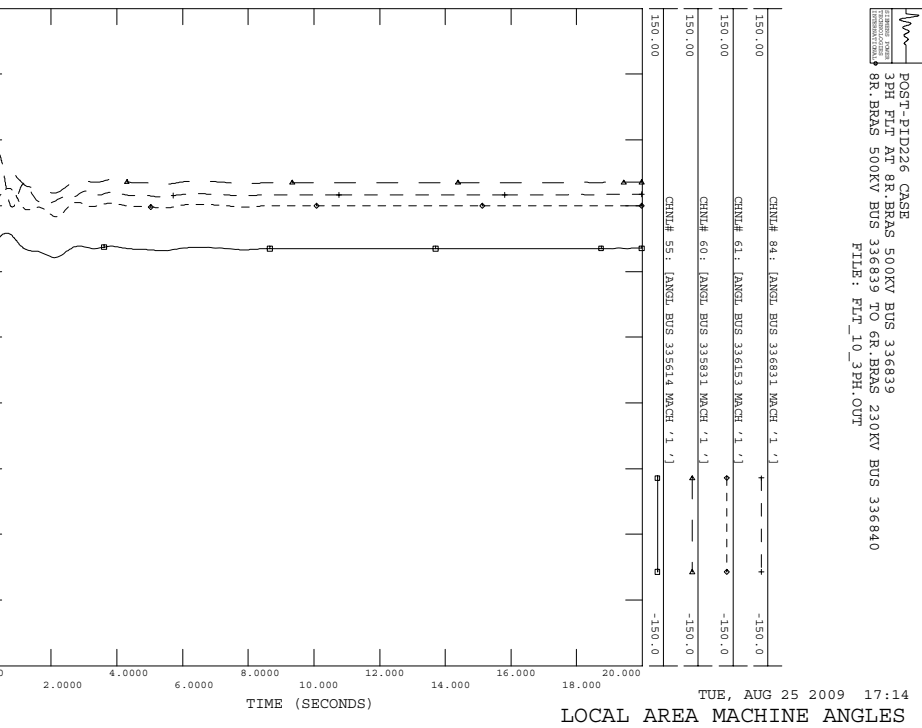
TUE, AUG 25 2009 17:14
 PID-226 PLOTS

C.10 FLT_10_3PH

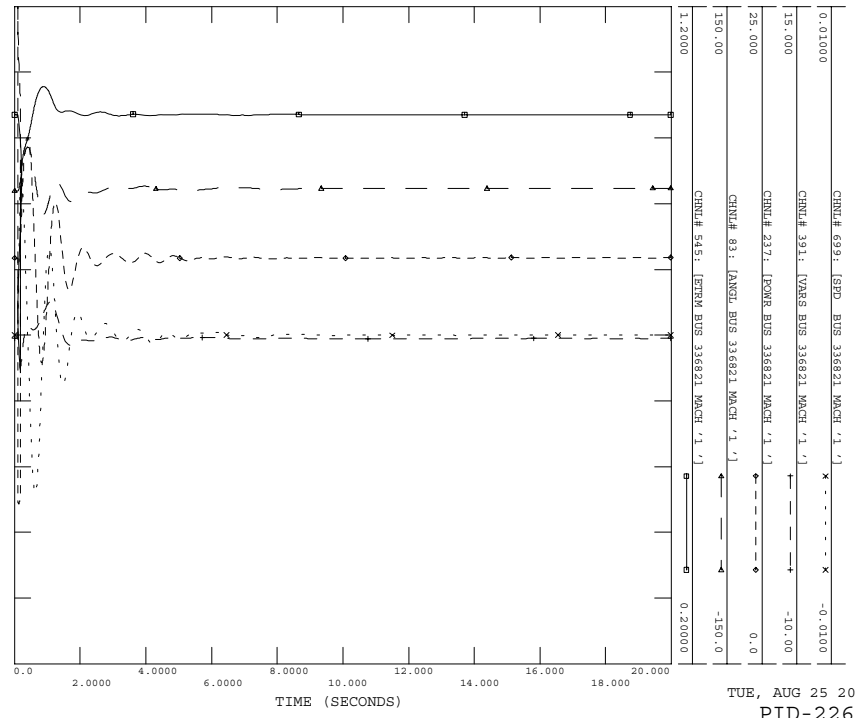
Three phase fault on the 8R.BRAS (#336839) to 6R.BRAS (#336840) transformer, near the 8R.BRAS.

- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping transformer from 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840





POST-PID226 CASE
 3PH FLT AT GR BRAS 500KV BUS 336839
 8R BRAS 500KV BUS 336839 TO GR BRAS 230KV BUS 336840
 FILE: FLT_10_3PH.OUT

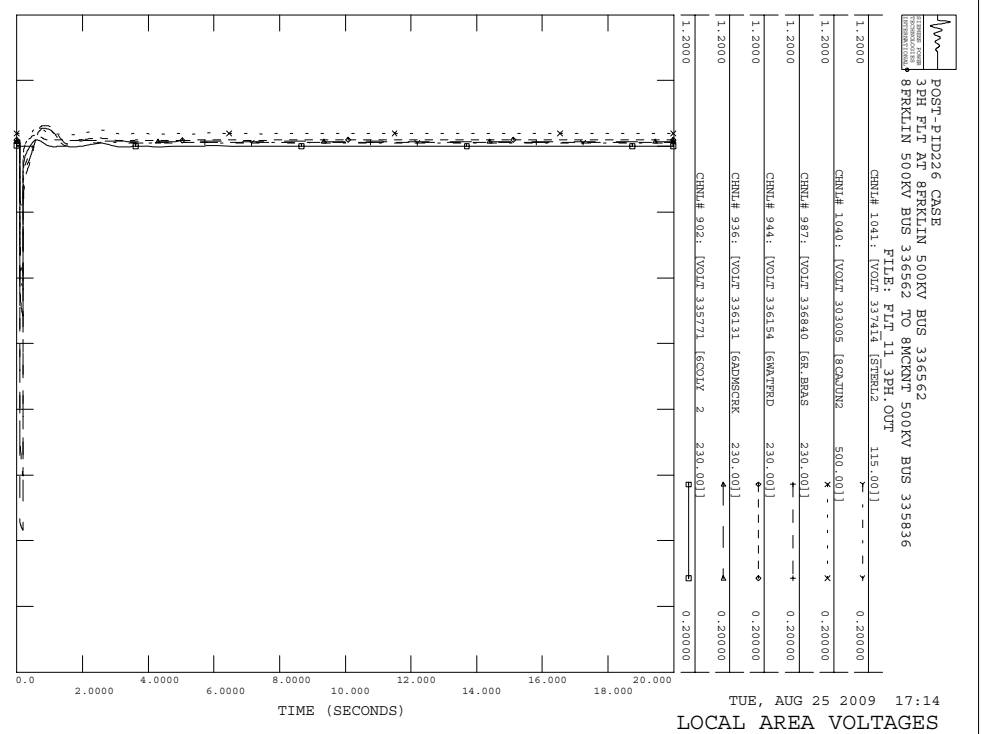
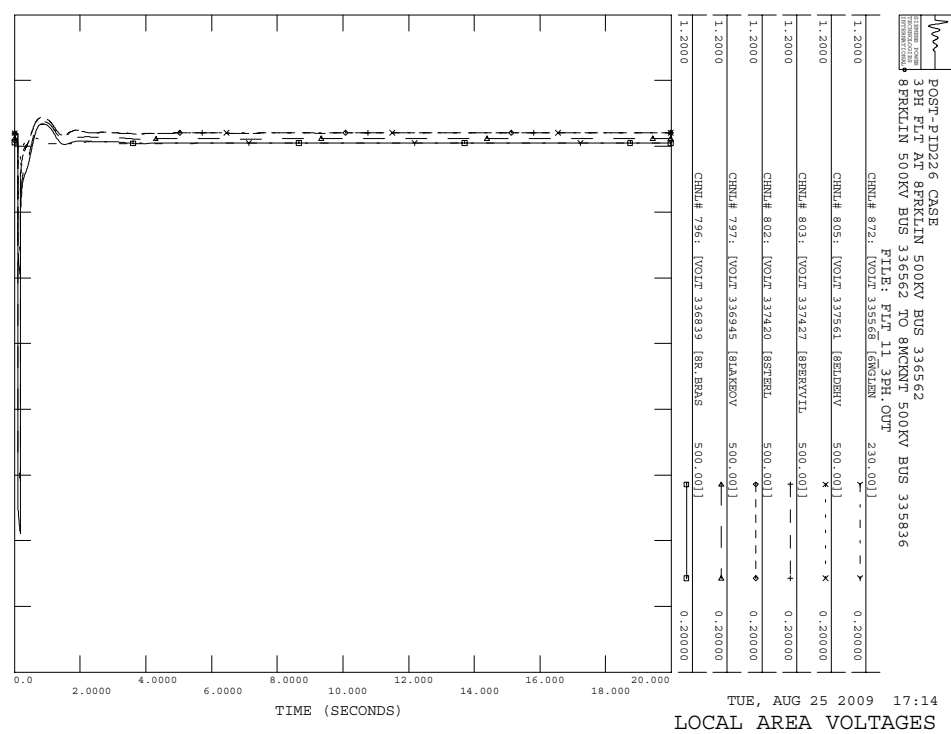
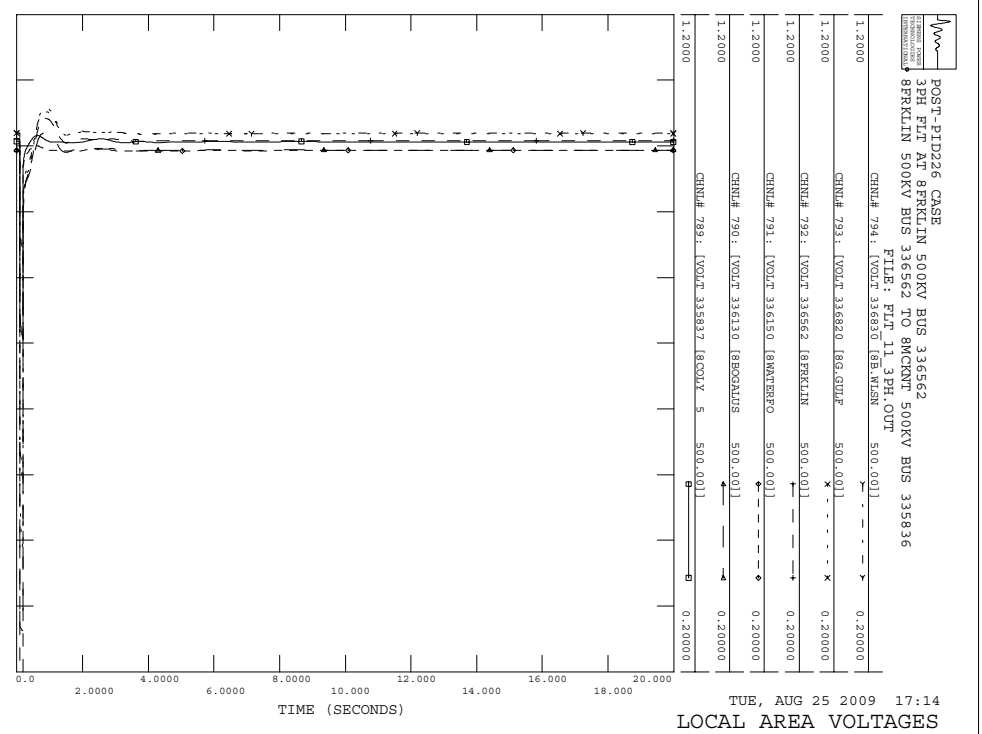
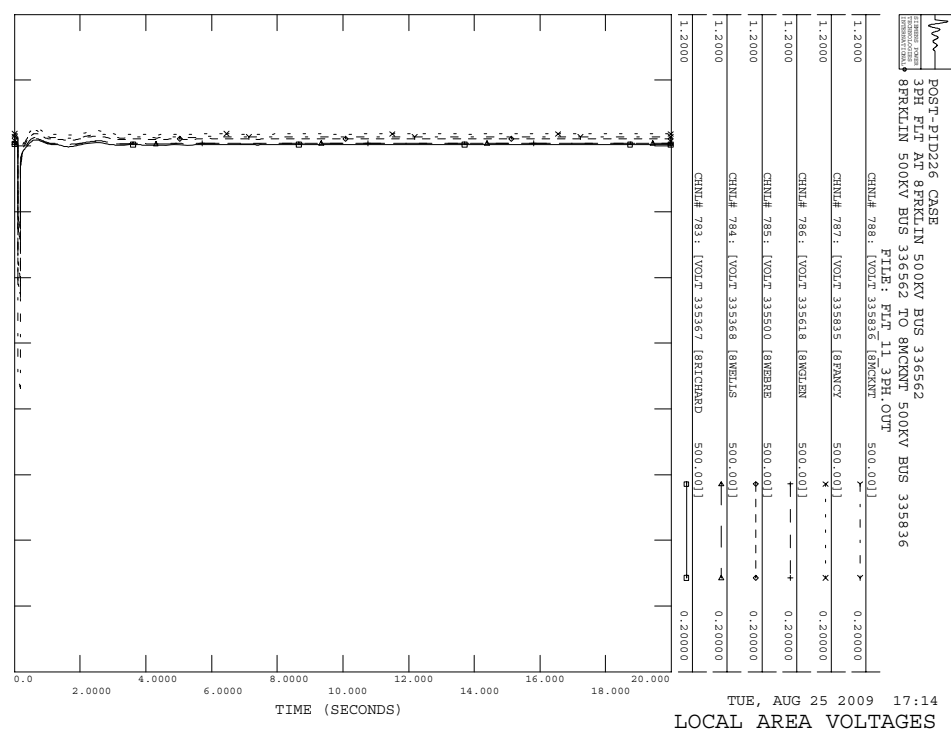


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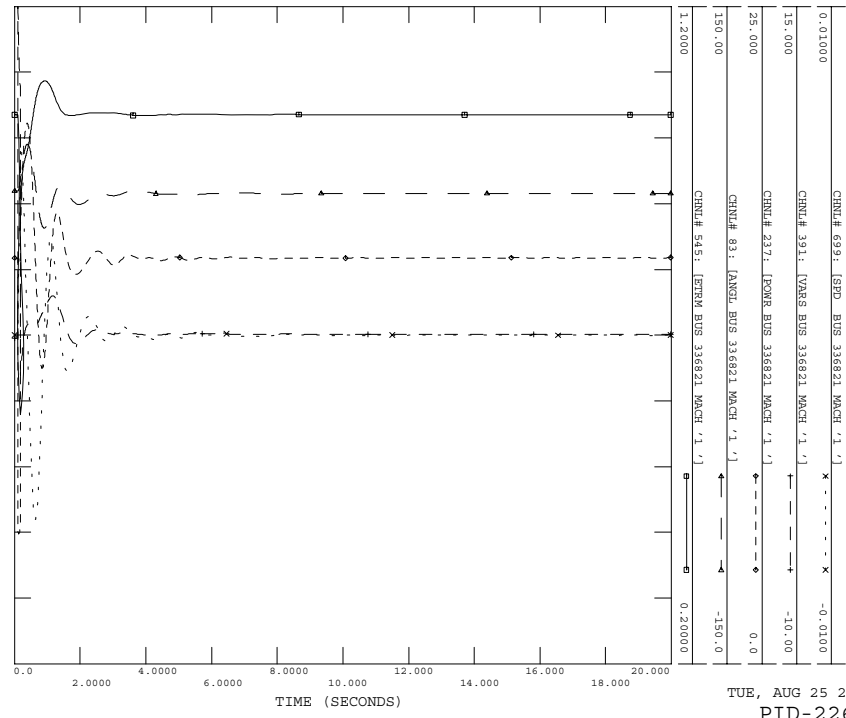
C.11 FLT_11_3PH

Three phase fault on the 8FRKLIN (#336562) to 8MCKNT (#335836) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN 500KV BUS 336562 TO 8MCKNT 500KV BUS 335836



POST-PID226 CASE
 3PH FLT AT BRKLN 500KV BUS 336562
 BRKLN 500KV BUS 336562 TO BRKLN 500KV BUS 335936
 FILE: FLT_11_3PH.OUT

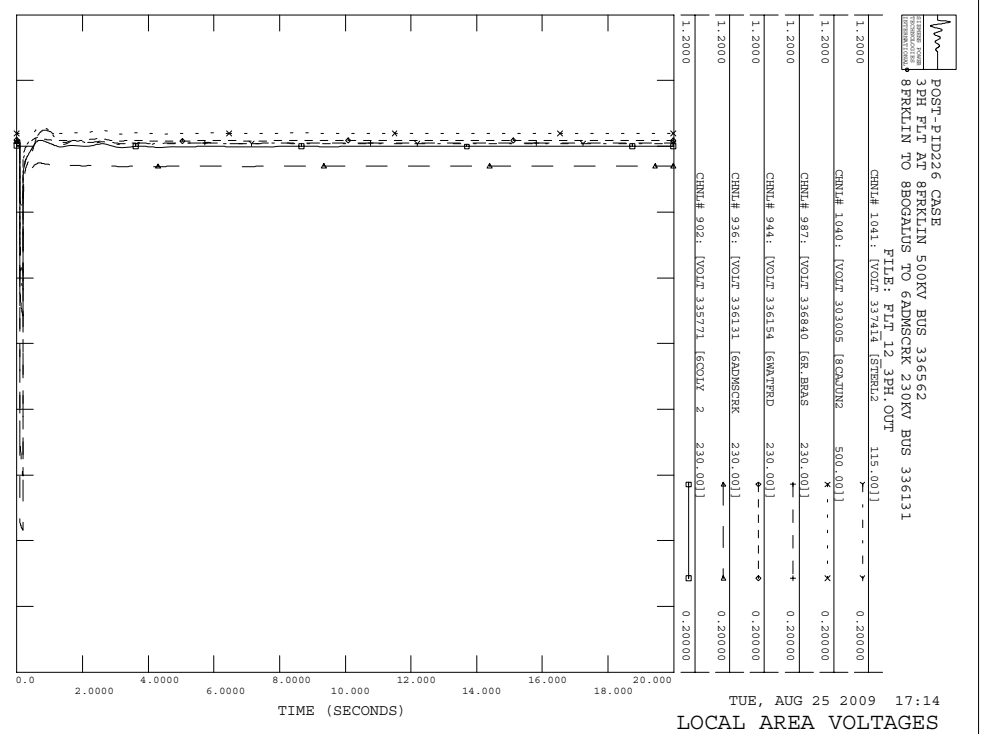
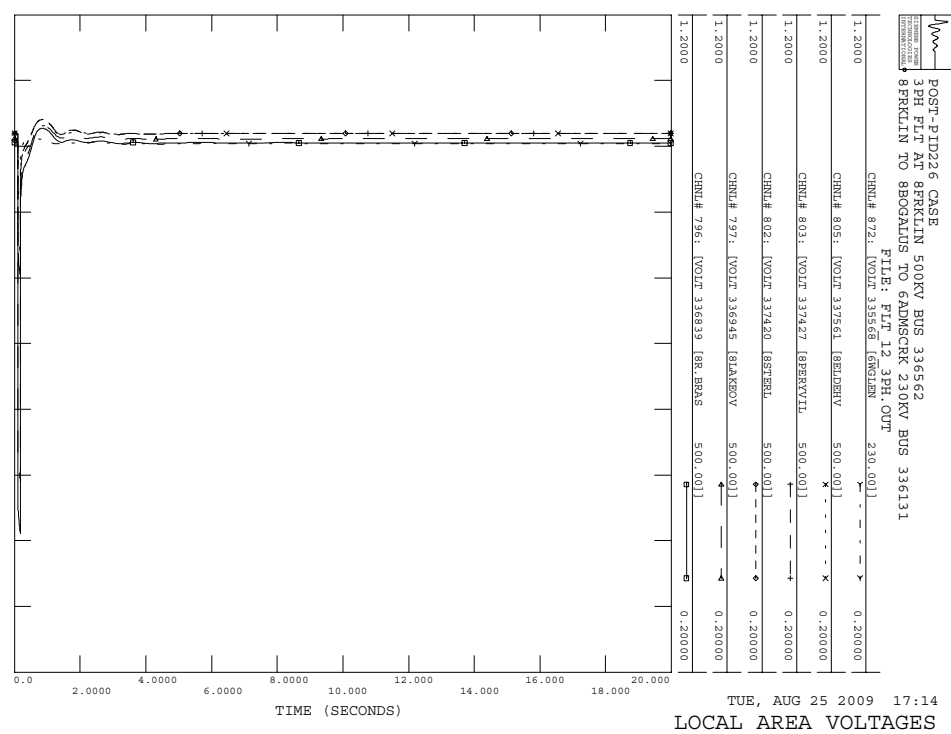
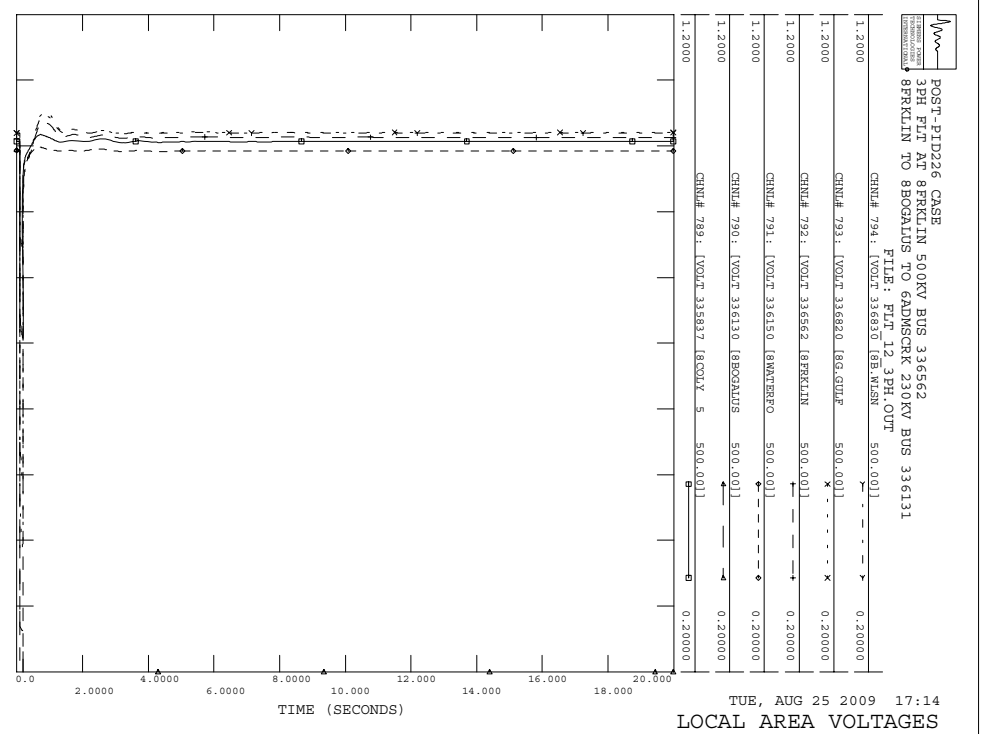
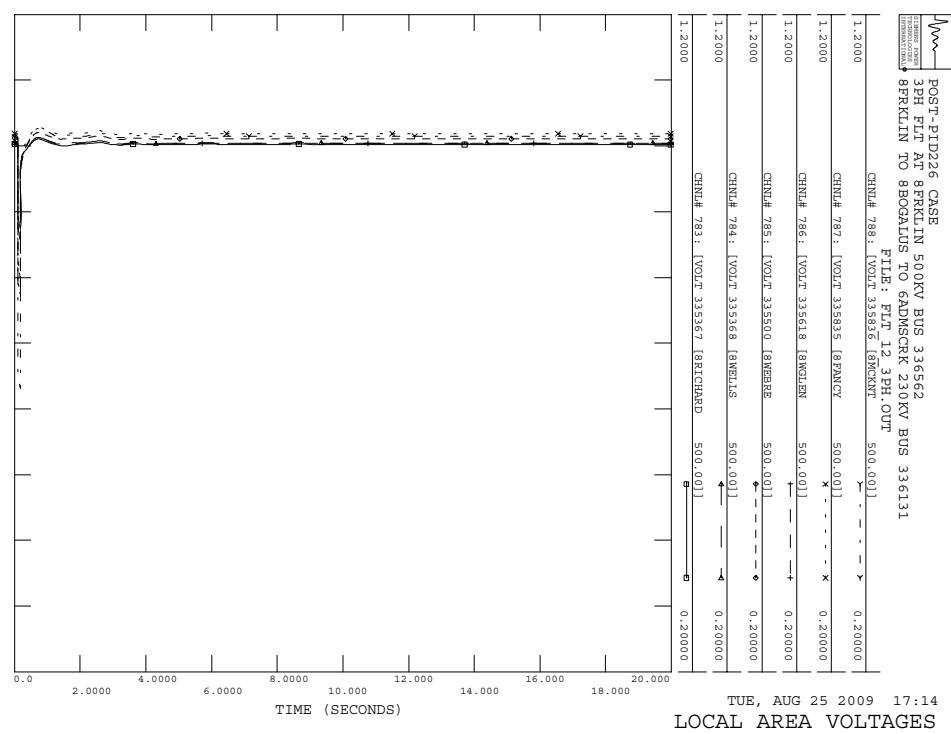


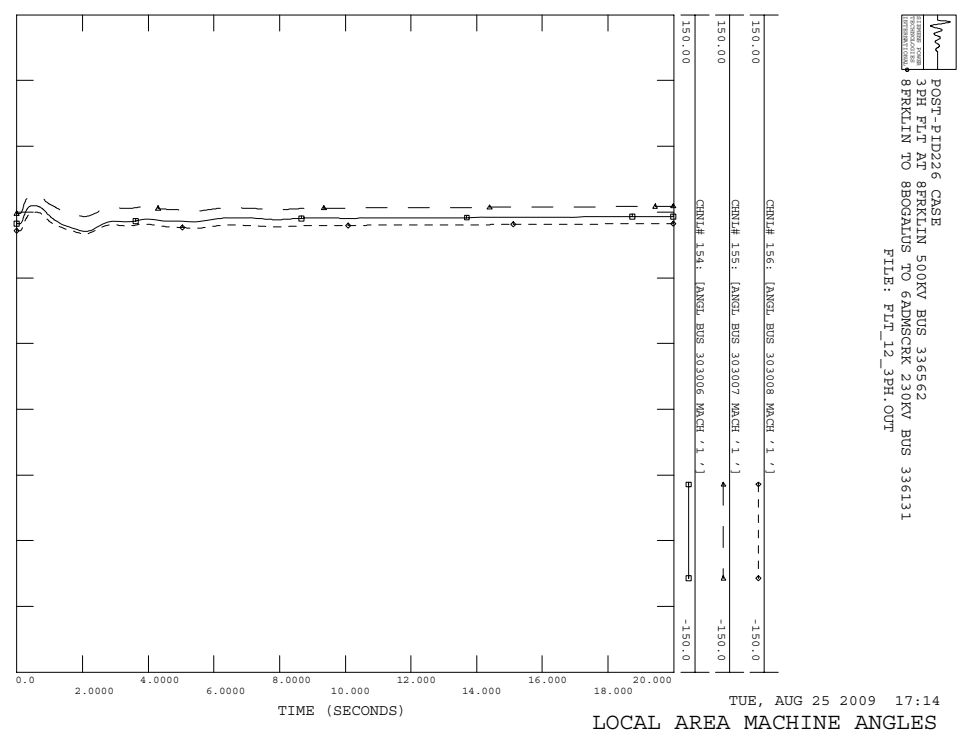
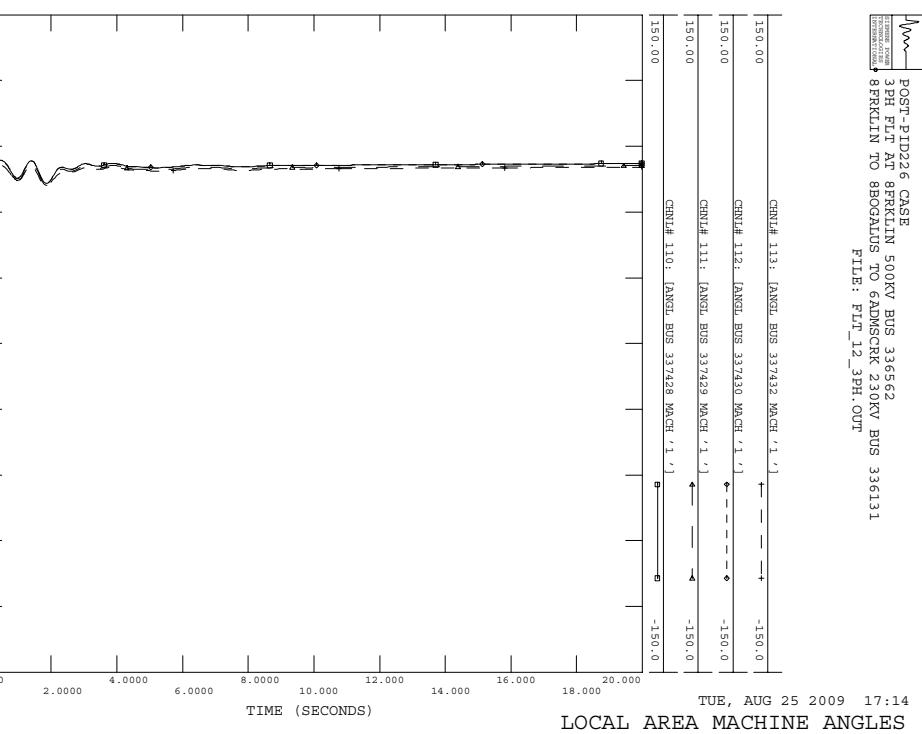
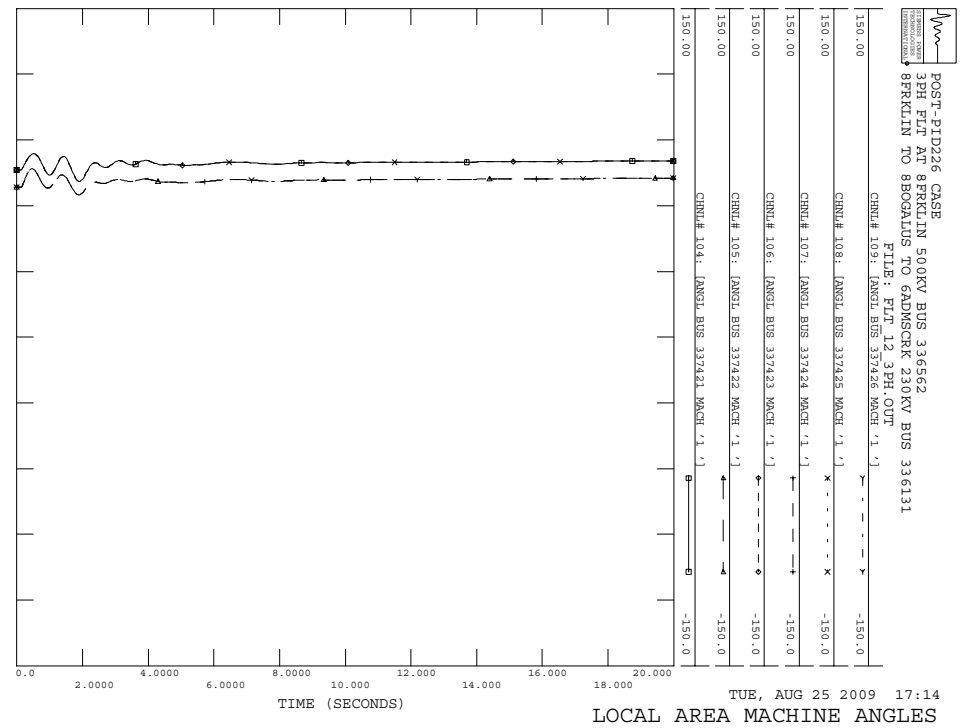
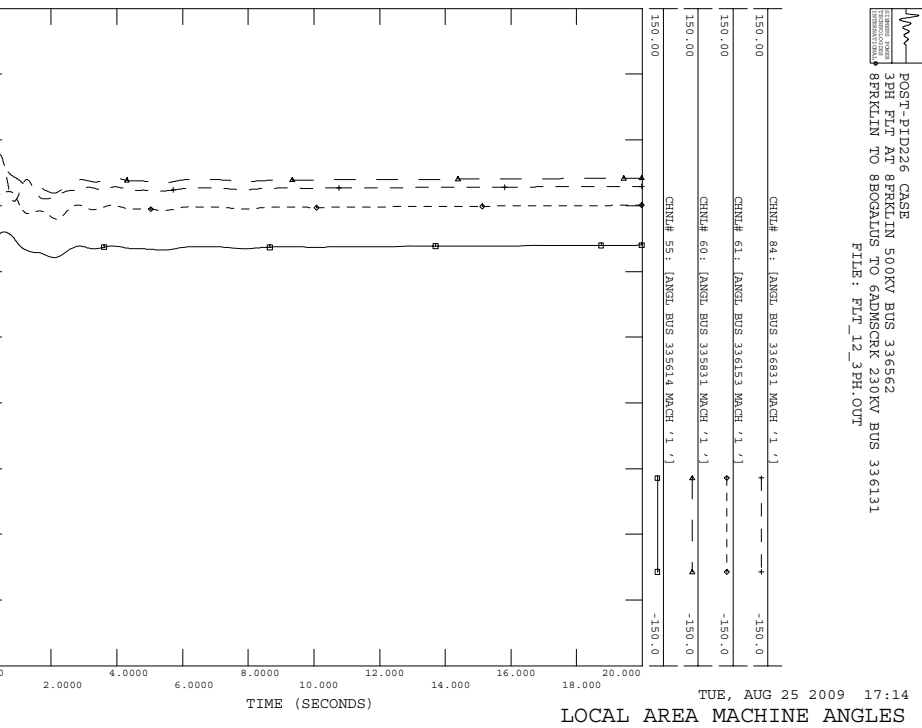
TUE, AUG 25 2009 17:14
 PID-226 PLOTS

C.12 FLT_12_3PH

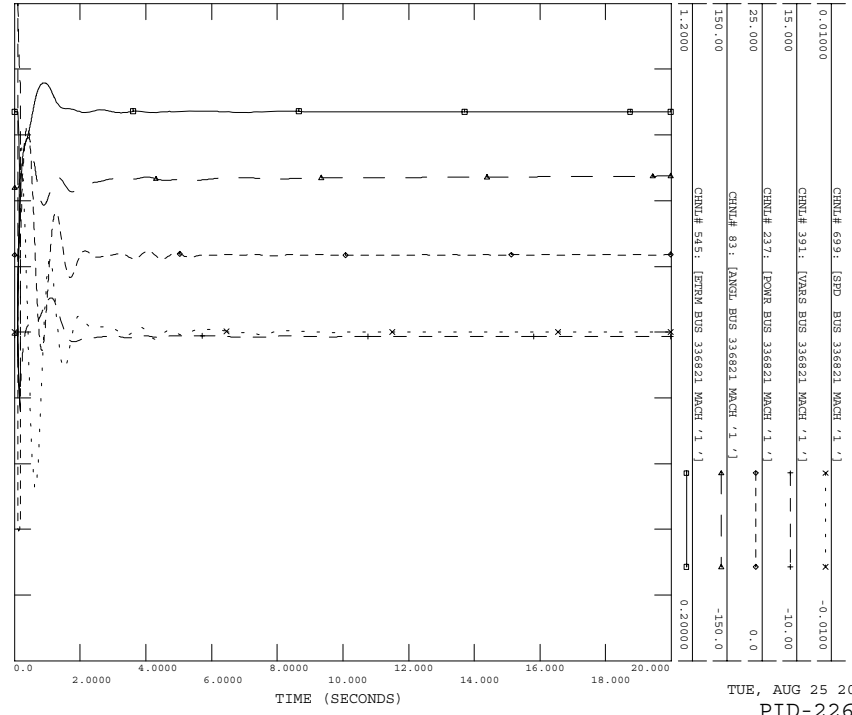
Three phase fault on the 8FRKLIN (#336562) to 8BOGALUS to 6ADMSCRK(#336131) branch, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN TO 8BOGALUS and 8BOGALUS TO 6ADMSCRK 230KV BUS 336131





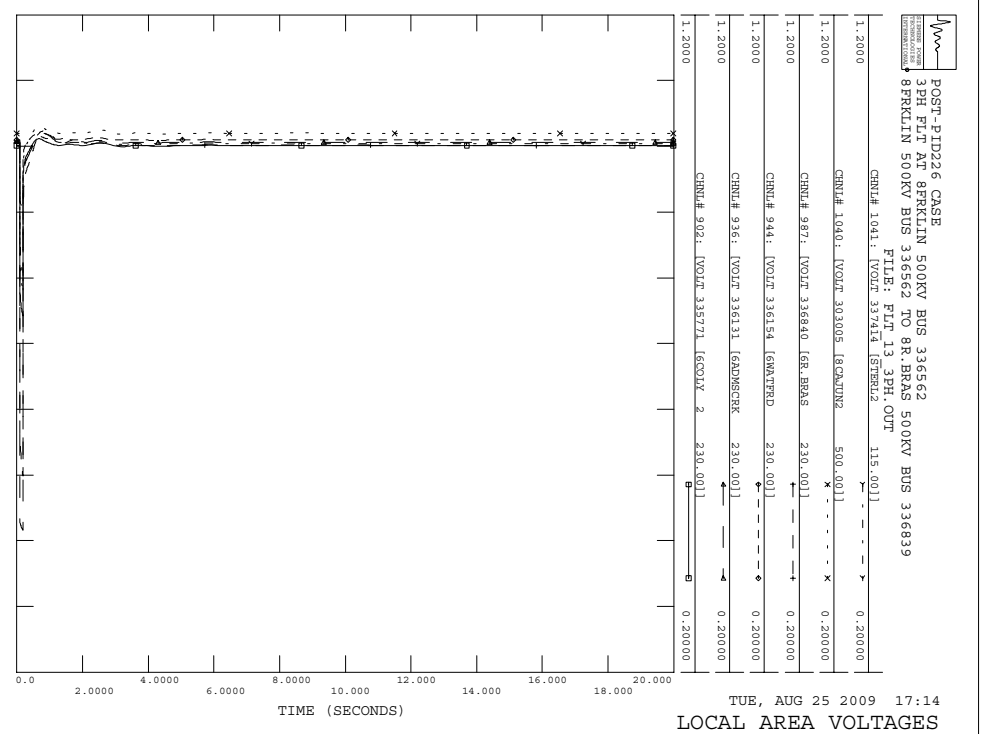
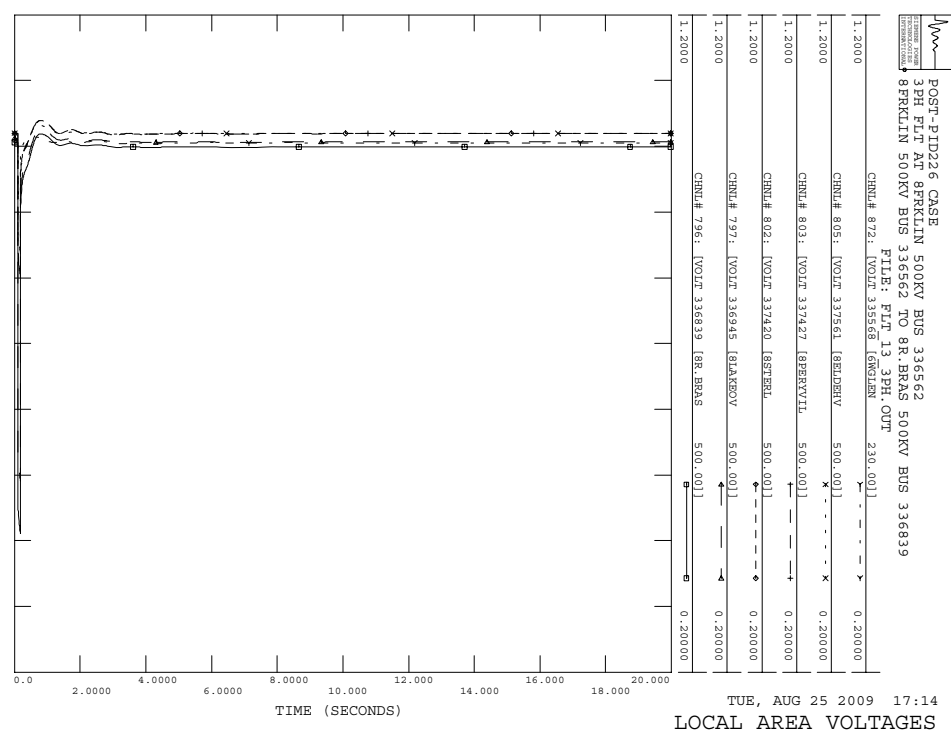
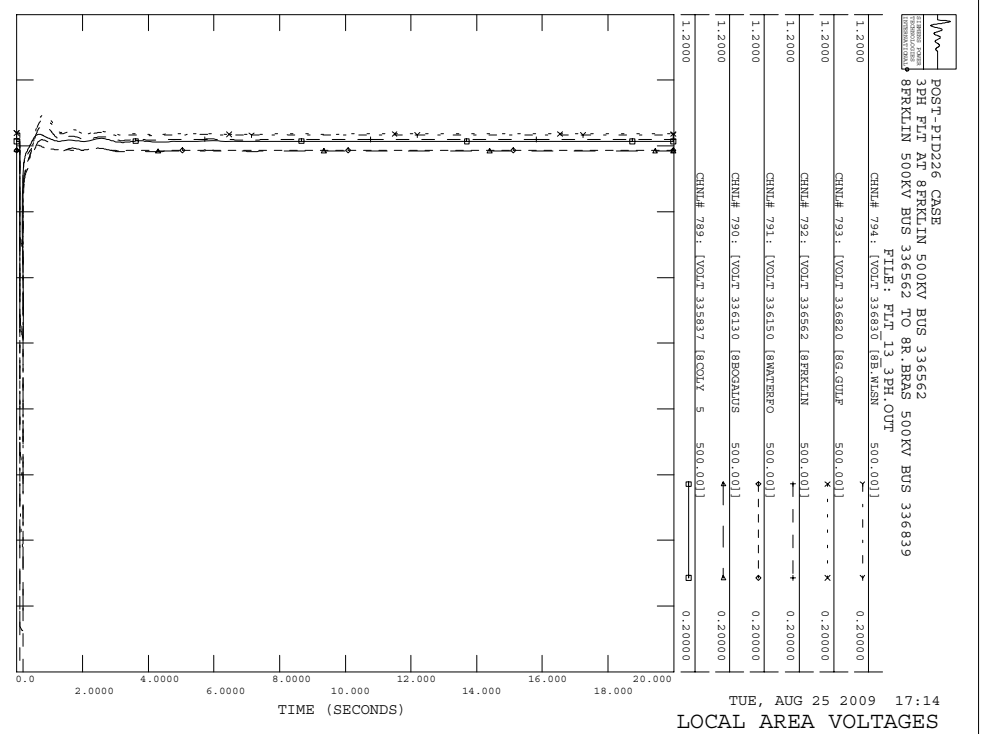
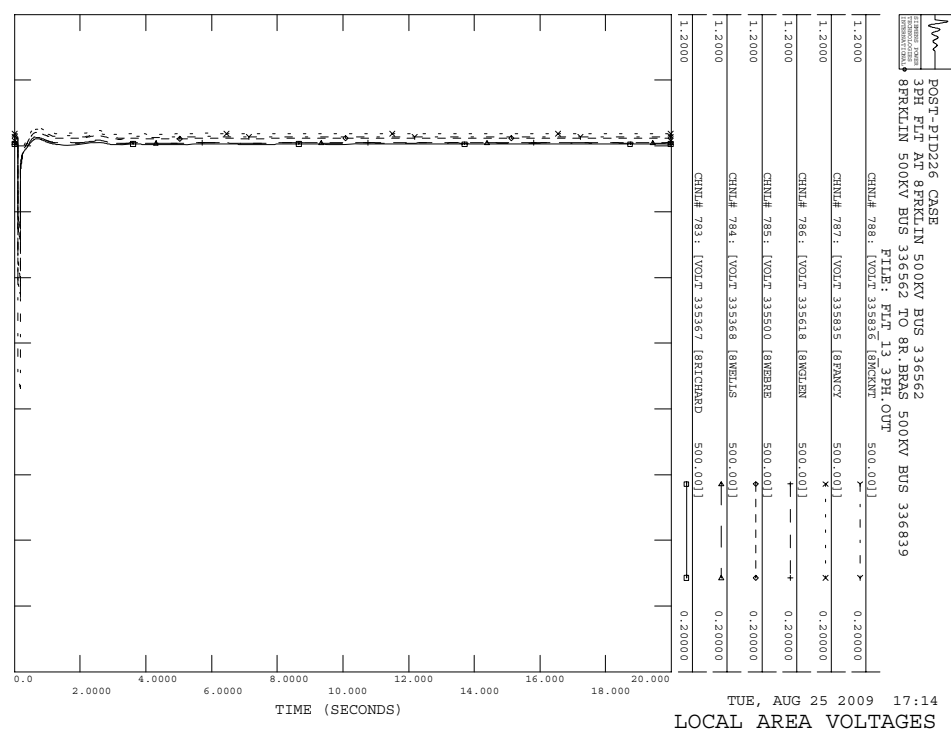
POST-PID226 CASE
3PH FLT AT BRKLN 500KV BUS 336562
BRKLN TO BRKLN TO GADMSCK 230KV BUS 336131
FILE: FLT_12_3PH.OUT

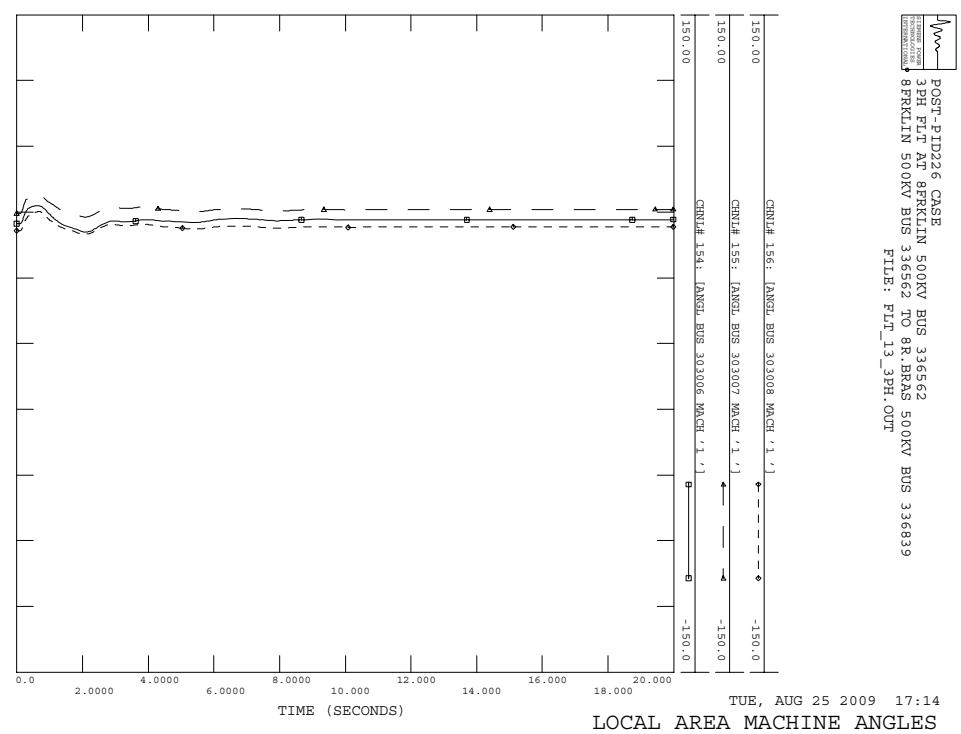
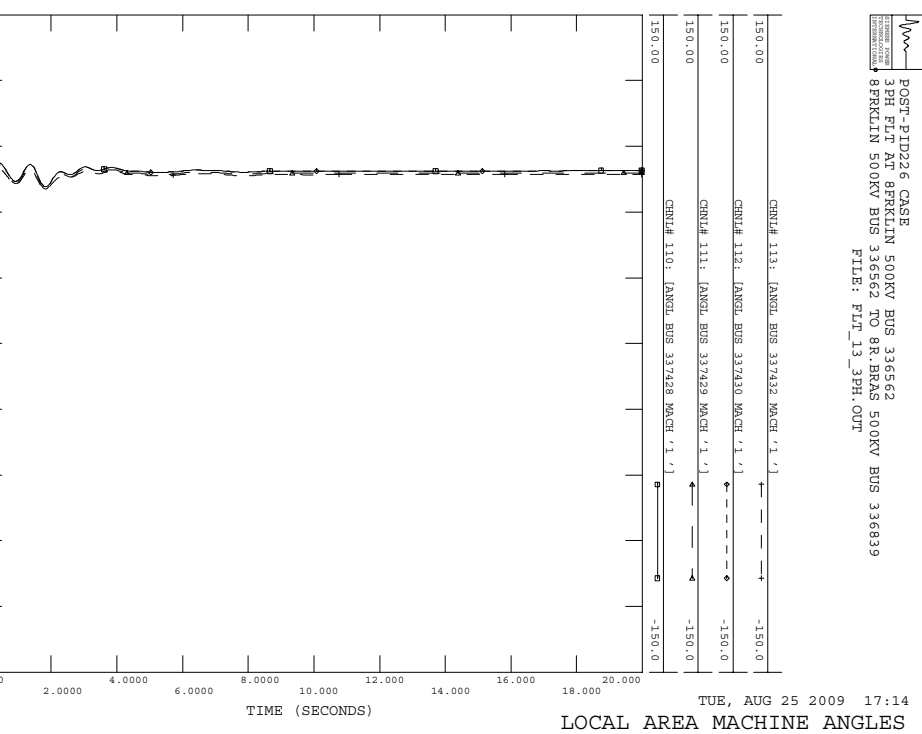
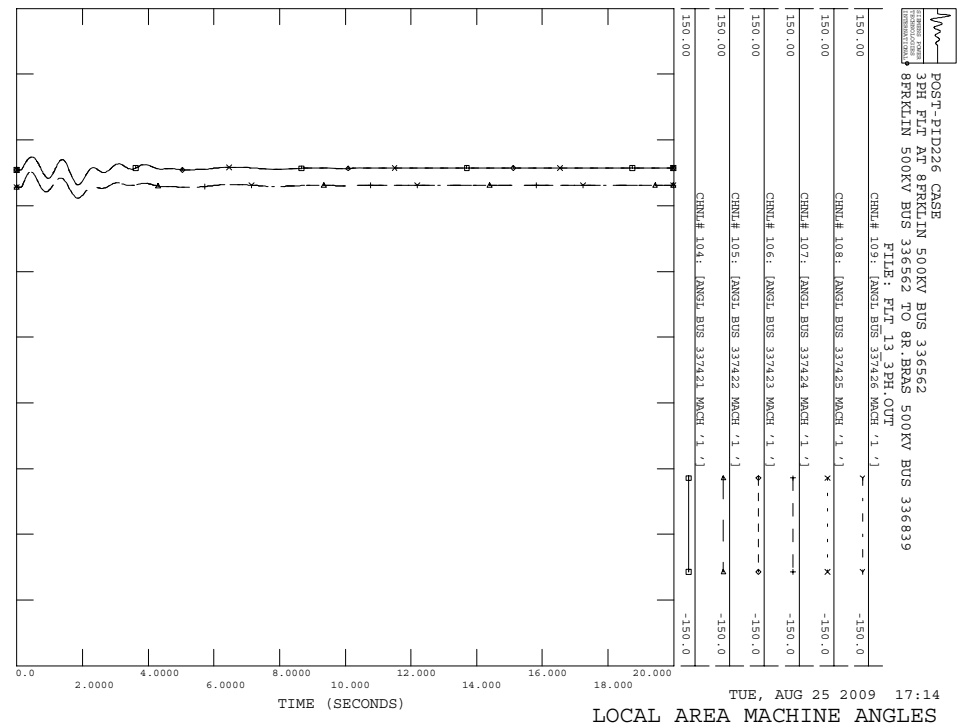
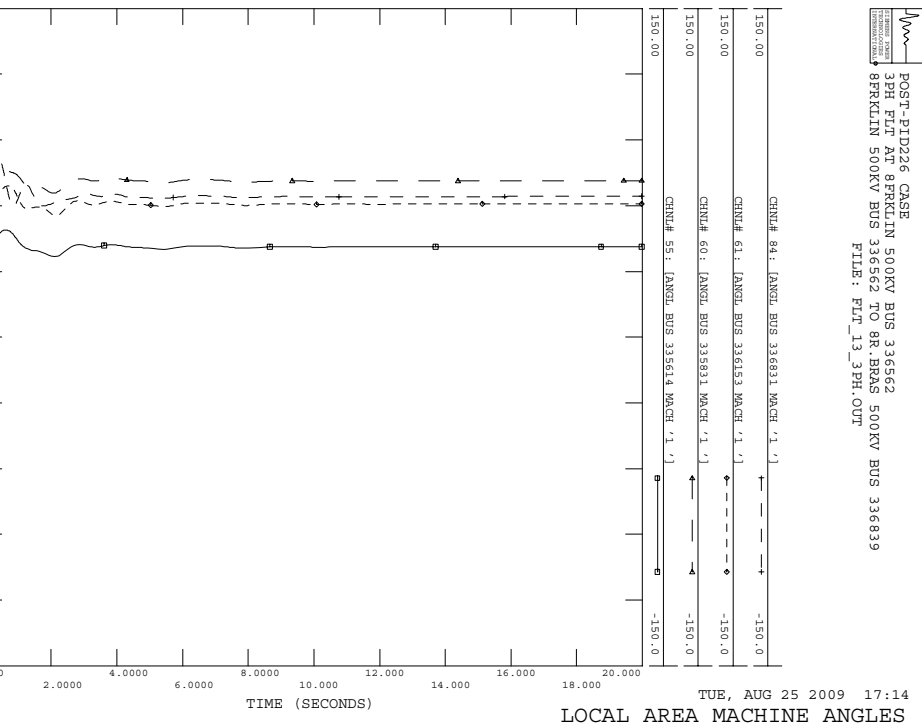


C.13 FLT_13_3PH

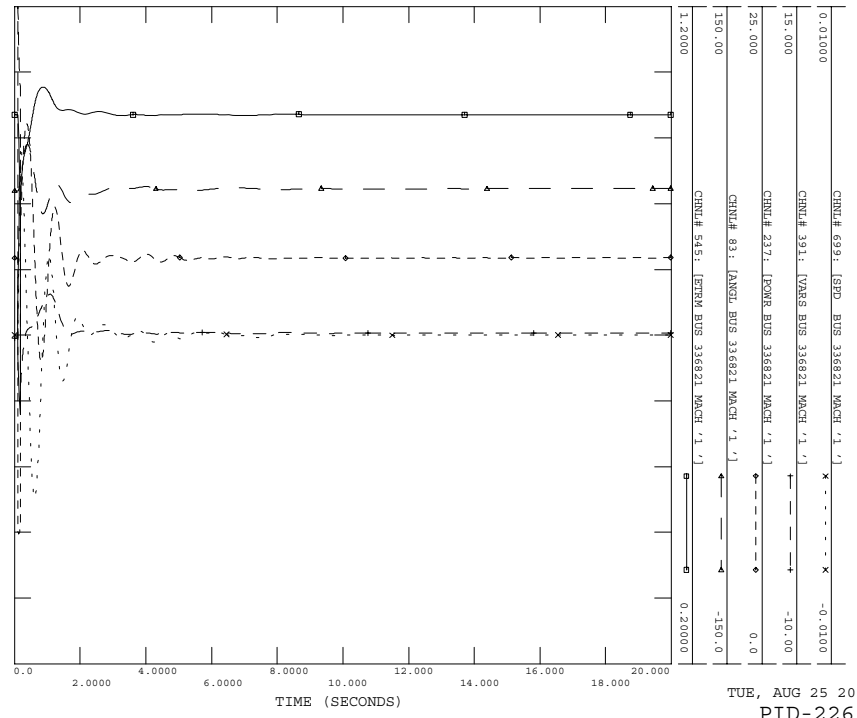
Three phase fault on the 8FRKLIN (#336562) to 8R.BRAS (#336839) branch, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN 500KV BUS 336562 TO 8R.BRAS 500KV BUS 336839





POST-PID226 CASE
 3PH FLT AC BRKLN 500KV BUS 336562
 BRKLN 500KV BUS 336562 TO BR, BRKS 500KV BUS 336839
 FILE: FLT_13_3PH.OUT

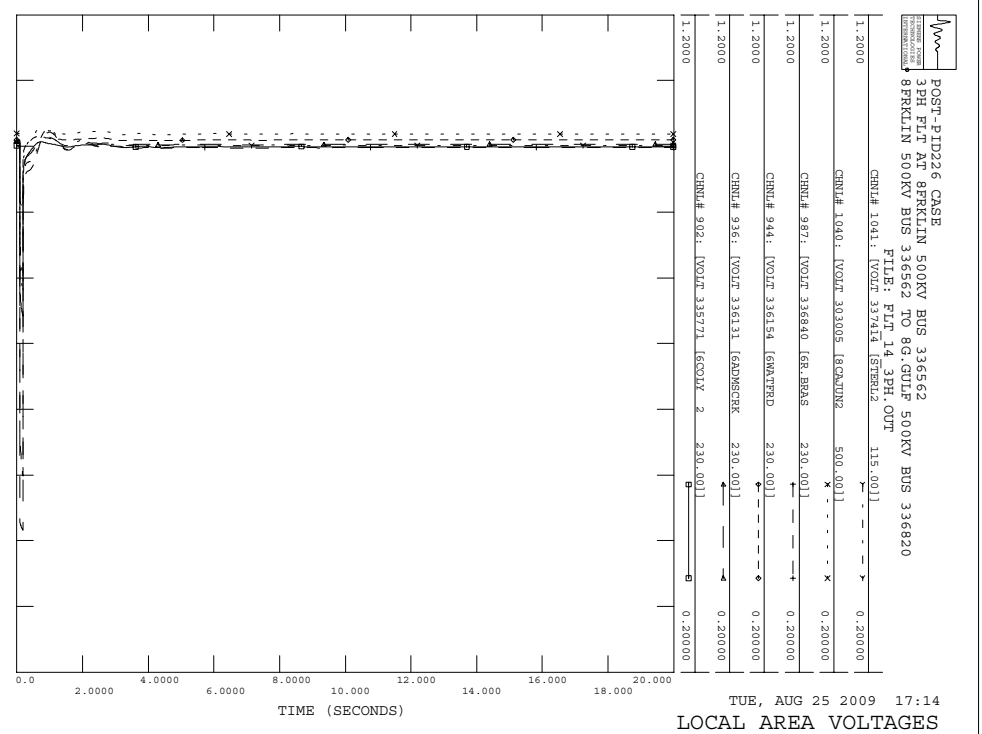
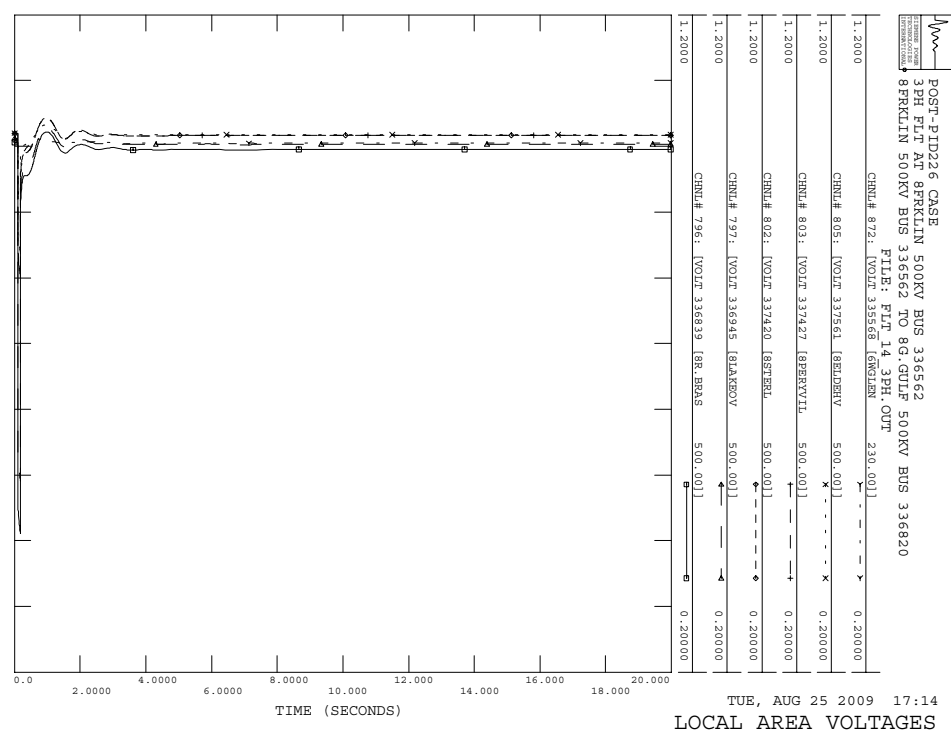
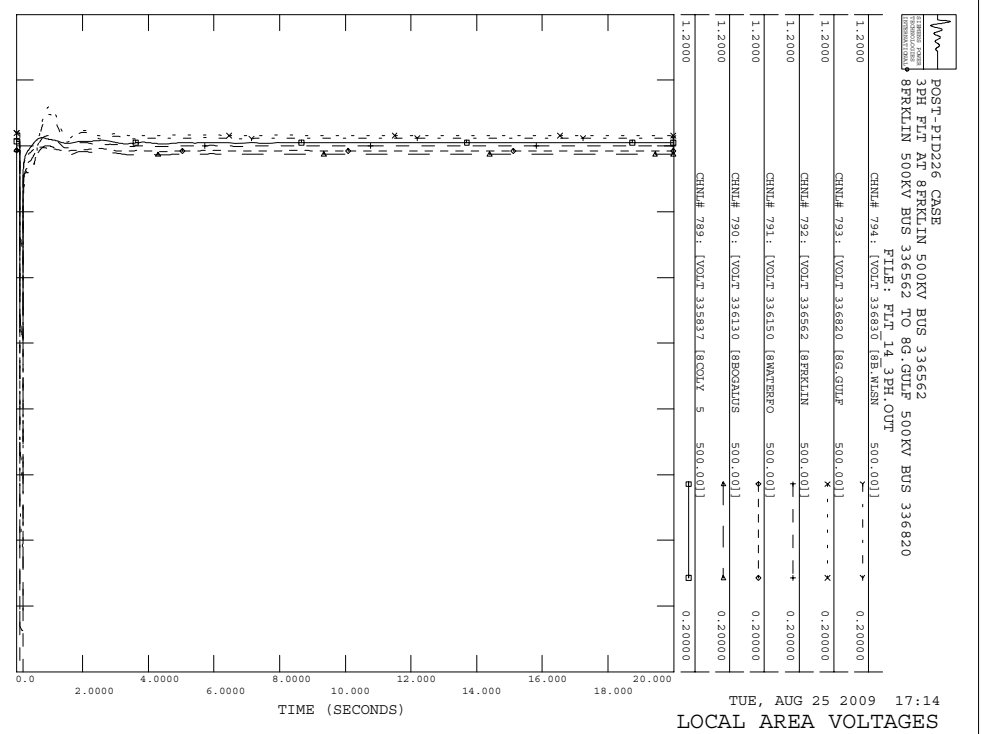
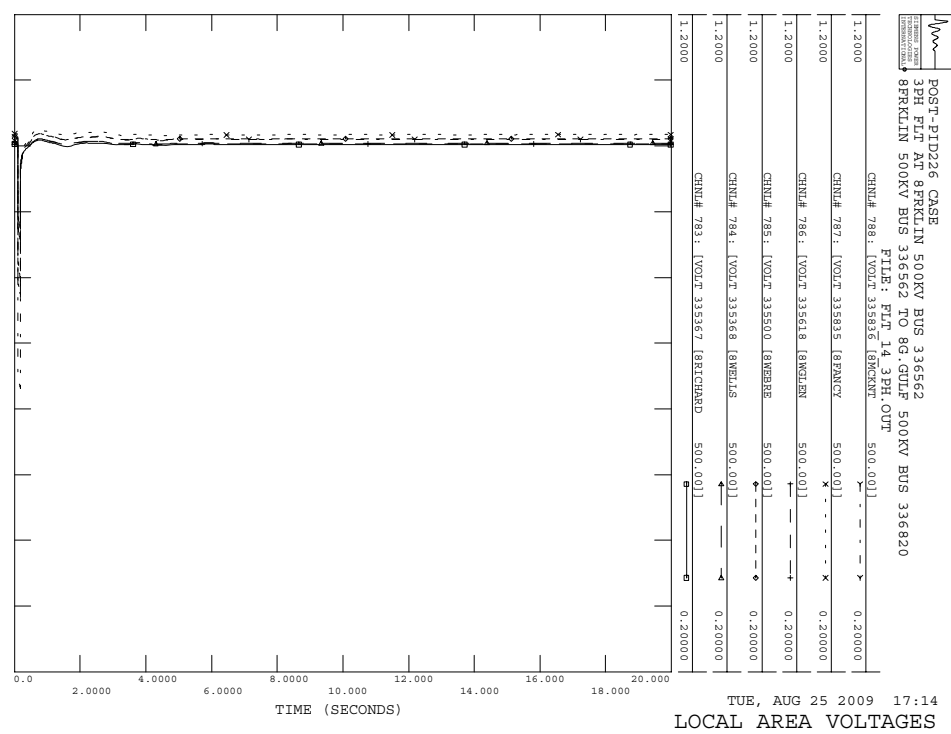


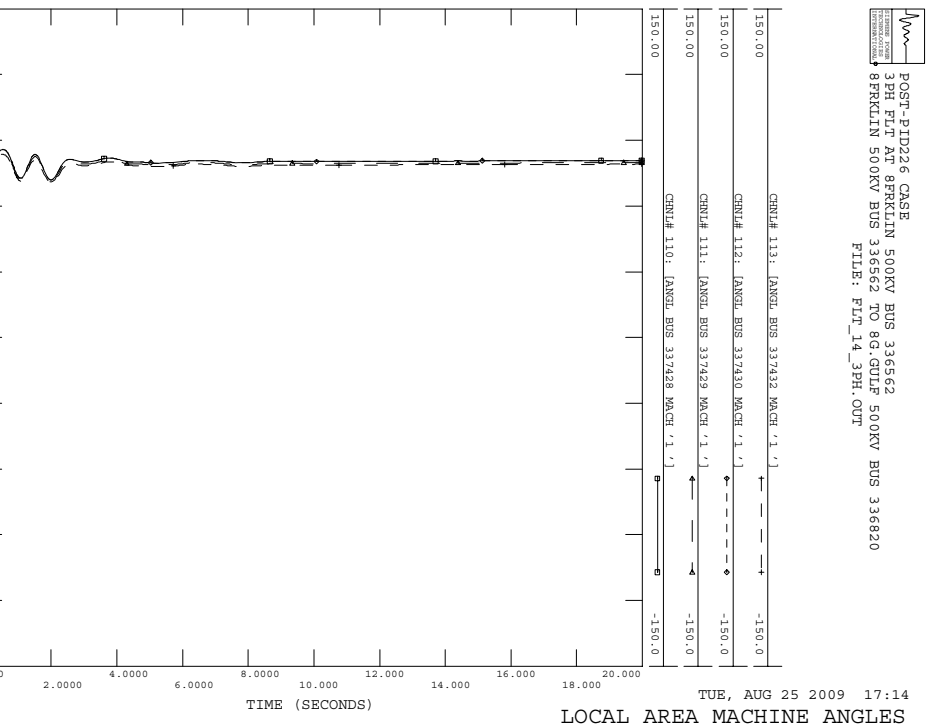
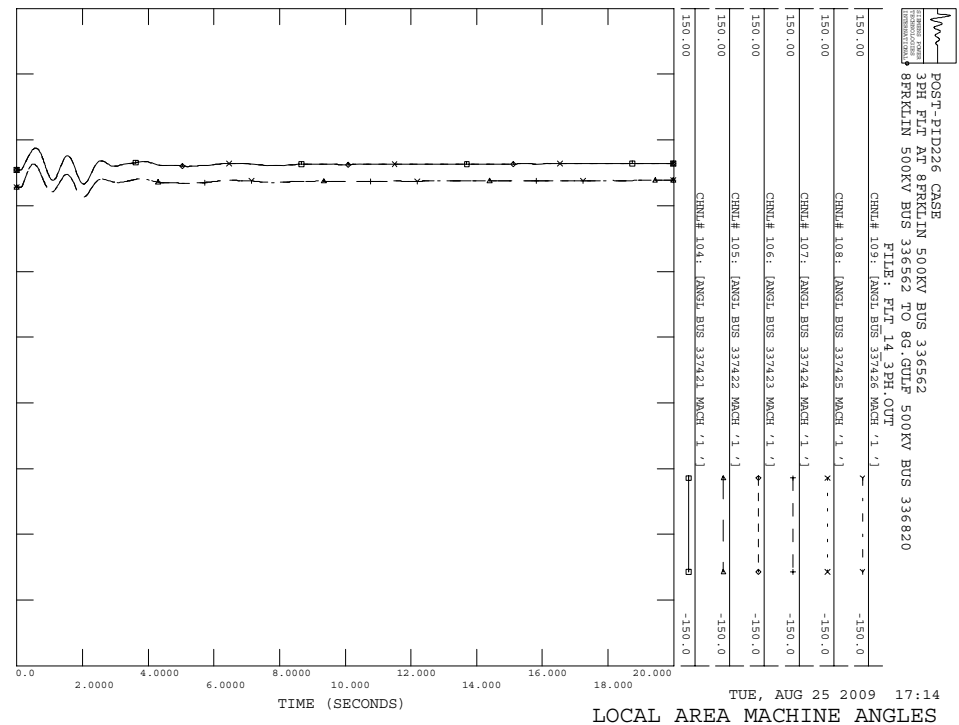
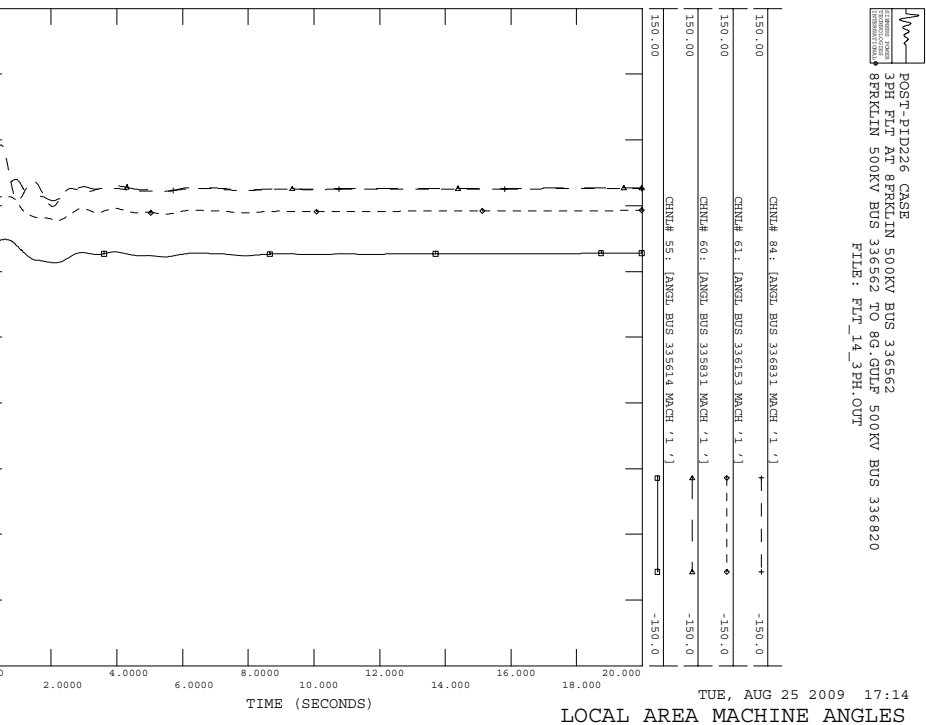
TUE, AUG 25 2009 17:14
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C.14 FLT_14_3PH

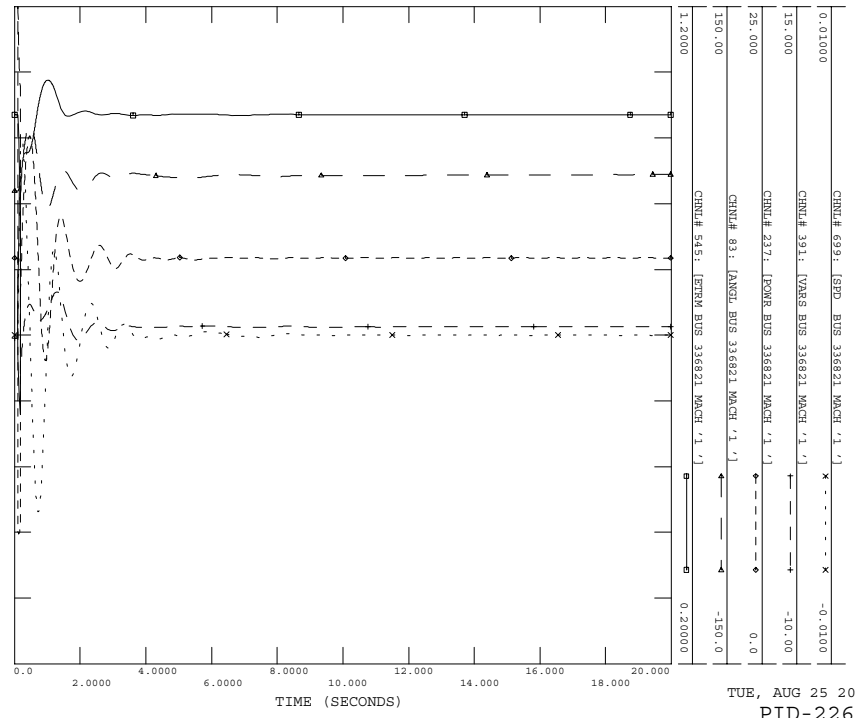
Three phase fault on the 8FRKLIN (#336562) to 8G.GULF (#336820) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN 500KV BUS 336562 TO 8G.GULF 500KV BUS 336820





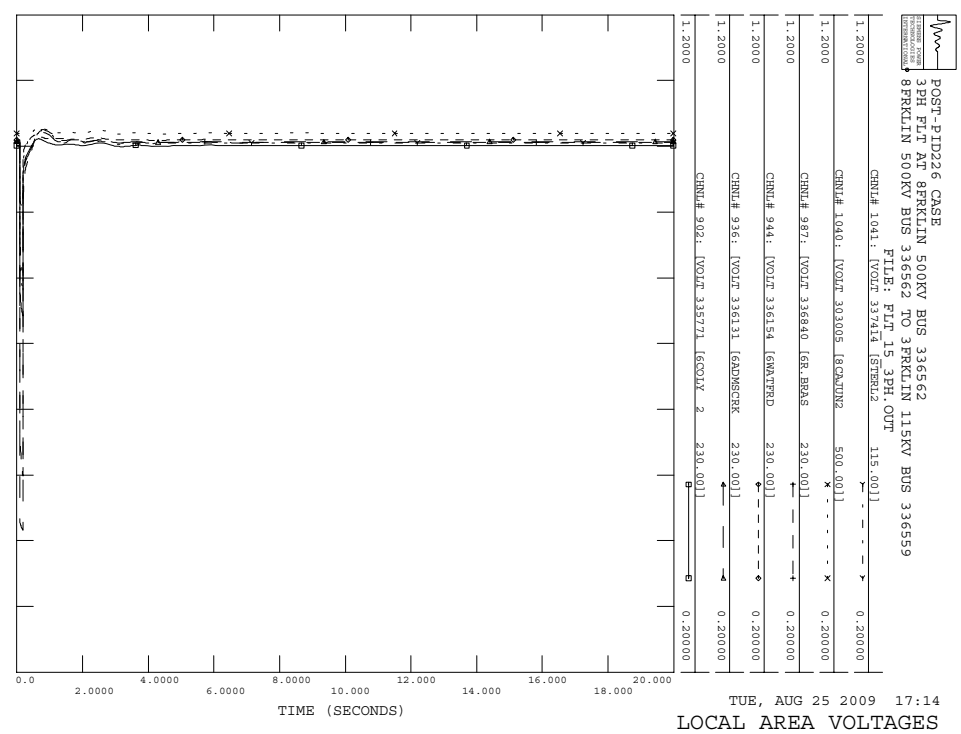
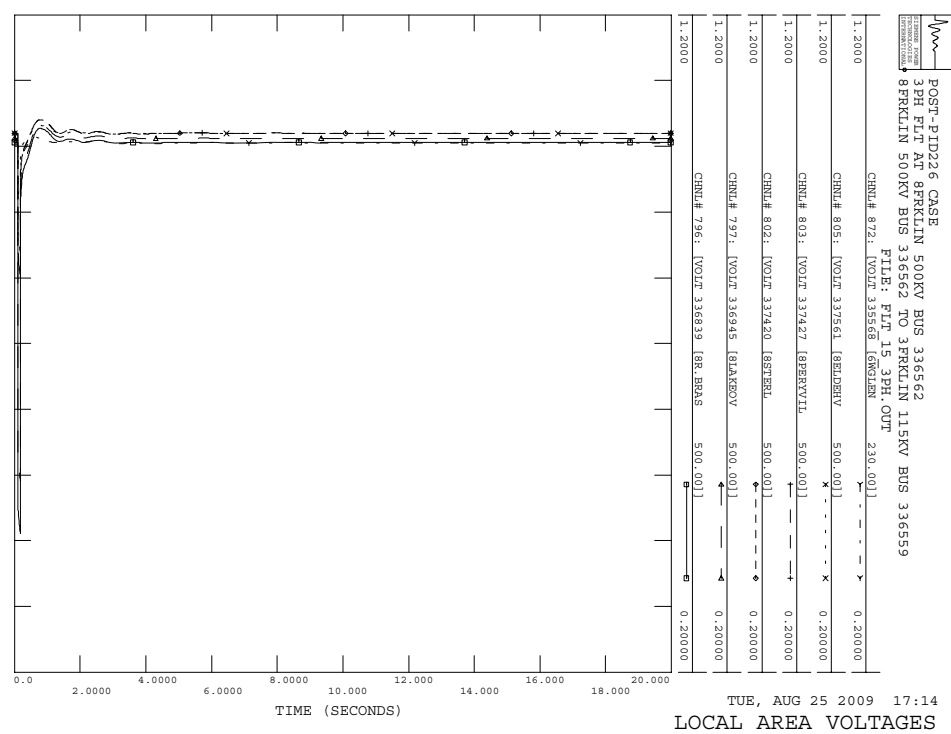
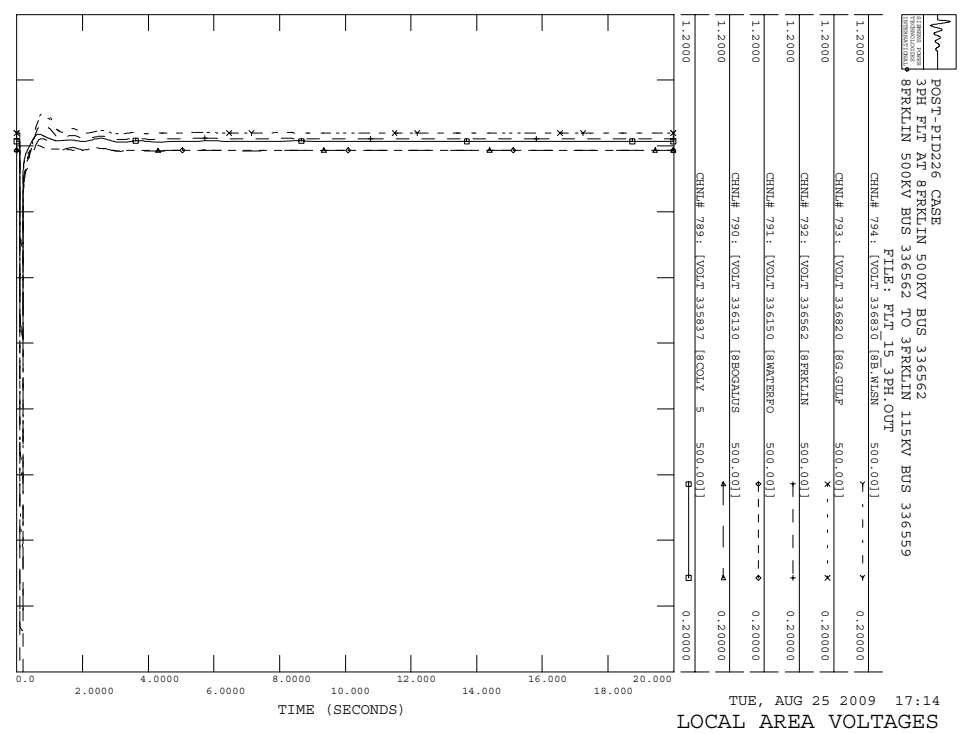
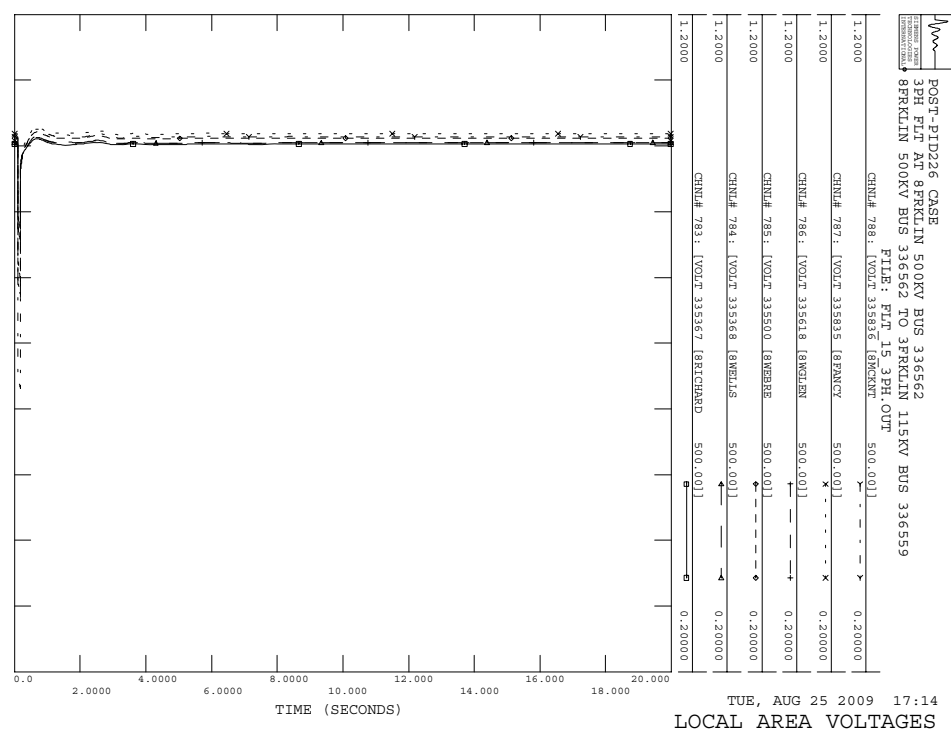
POST-PID226 CASE
 3PH FLT AC BRKLN 500KV BUS 336562
 BRKLN 500KV BUS 336562 TO RG,GRD 500KV BUS 336820
 FILE: FLT_14_3PH.OUT

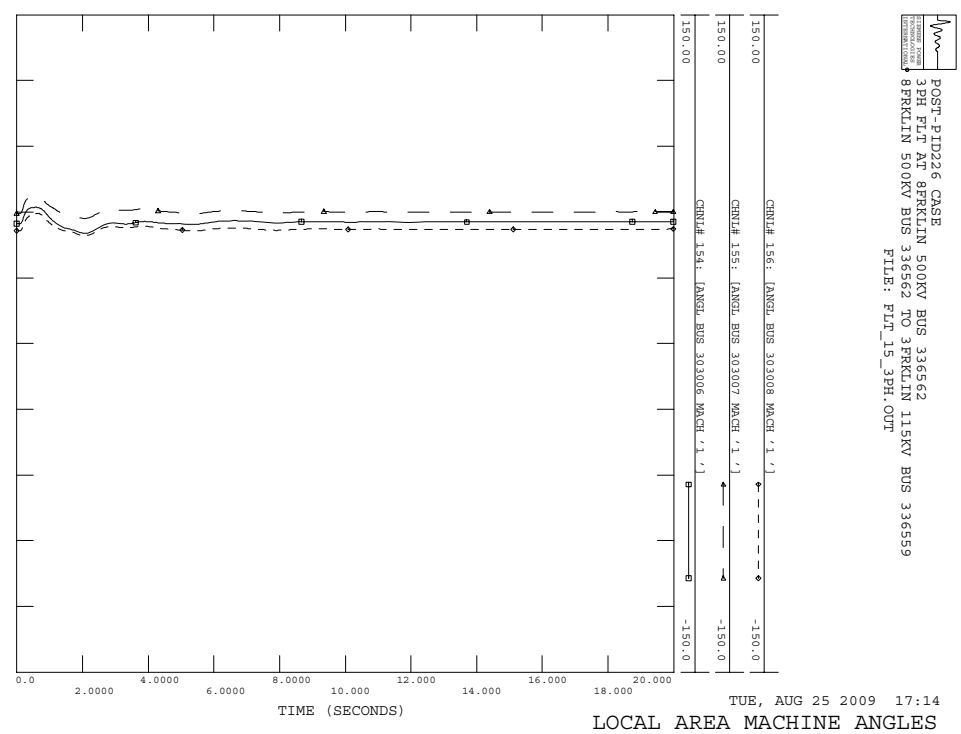
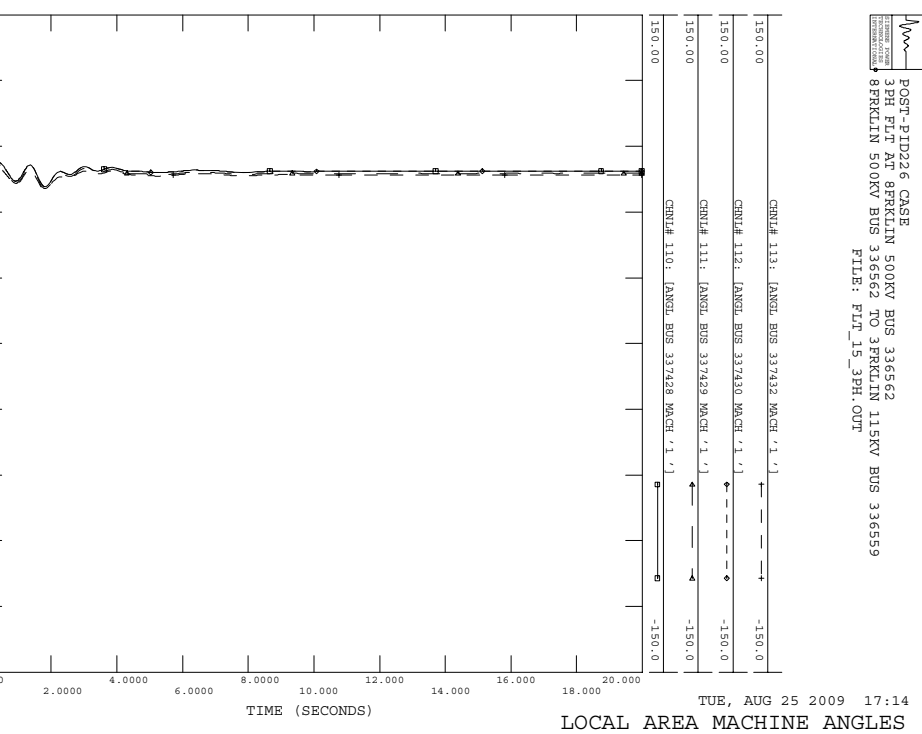
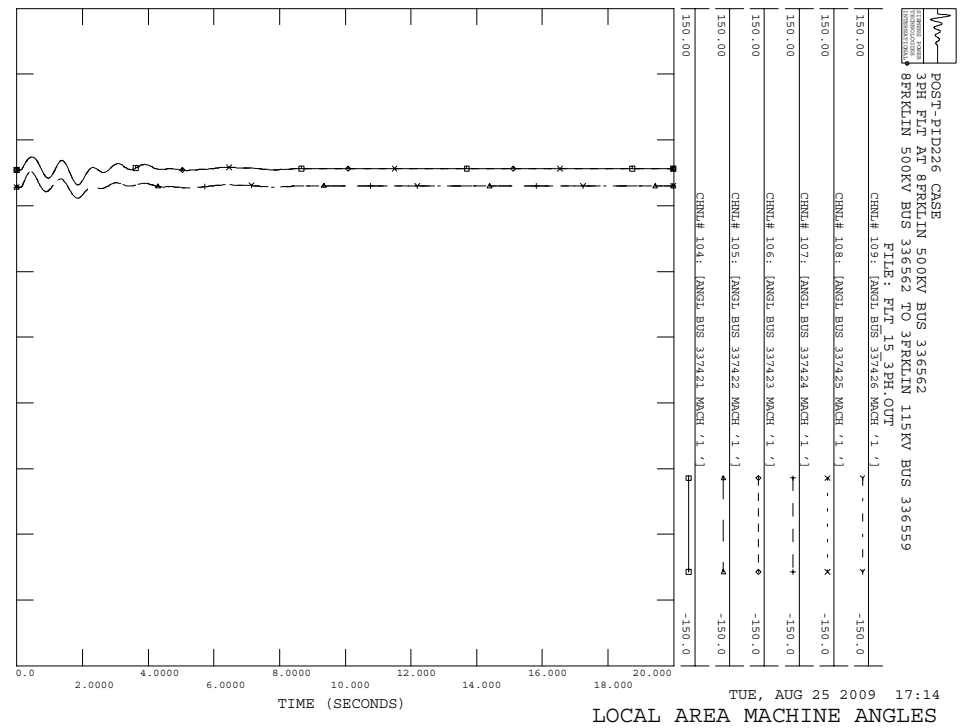
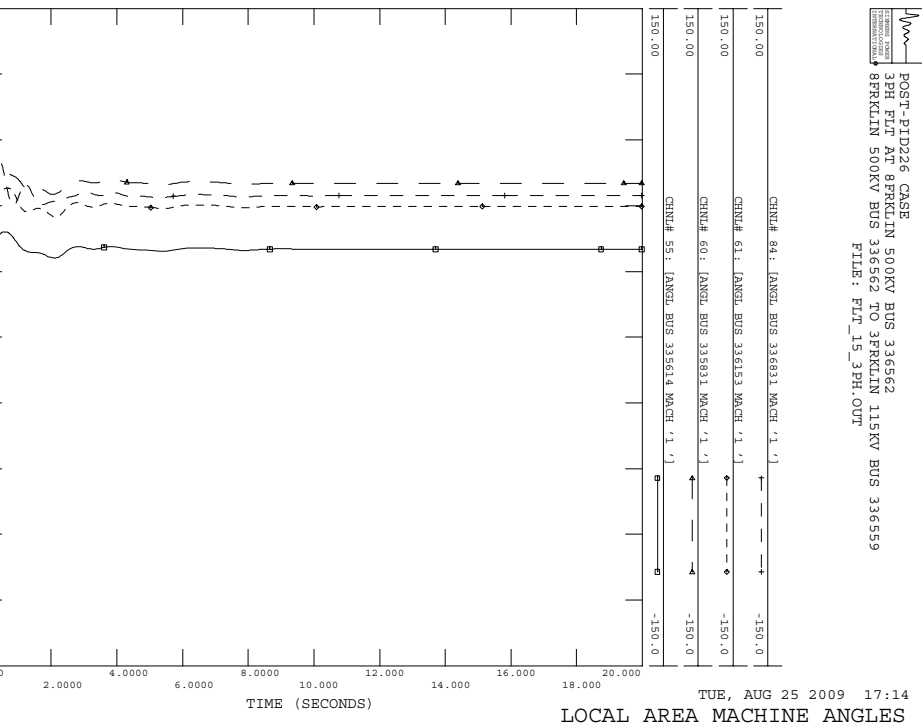


C.15 FLT_15_3PH

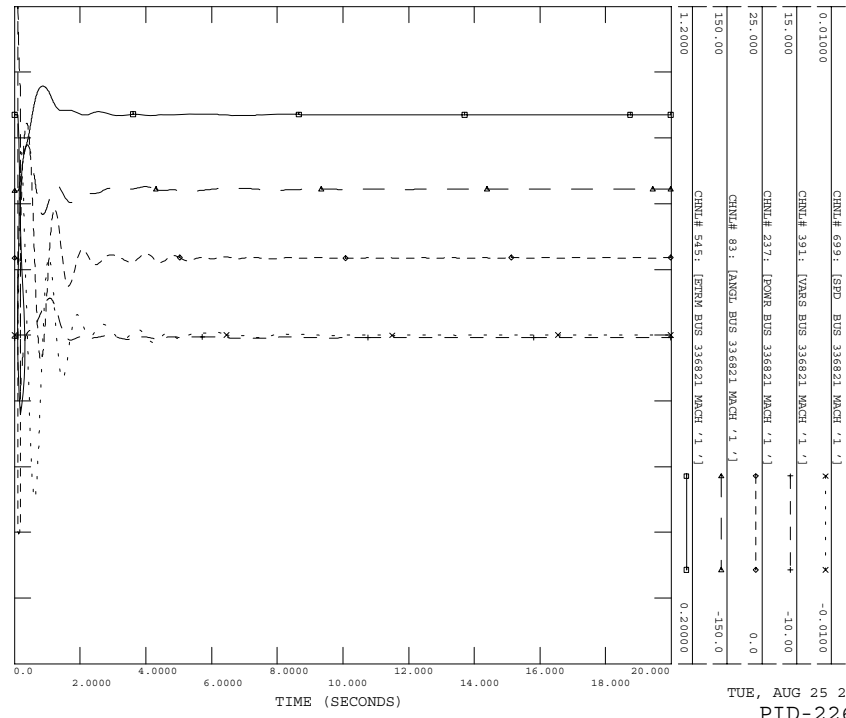
Three phase fault on the 8FRKLIN (#336562) to 3FRKLIN (#336559) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping transformer from 8FRKLIN 500KV BUS 336562 TO 3FRKLIN 115KV BUS 336559





POST-PID226 CASE
 3PH FLT AT SPRKLN 500KV BUS 336562
 BRKLN 500KV BUS 336562 TO SPRKLN 115KV BUS 336559
 FILE: FLT_15_3PH.OUT

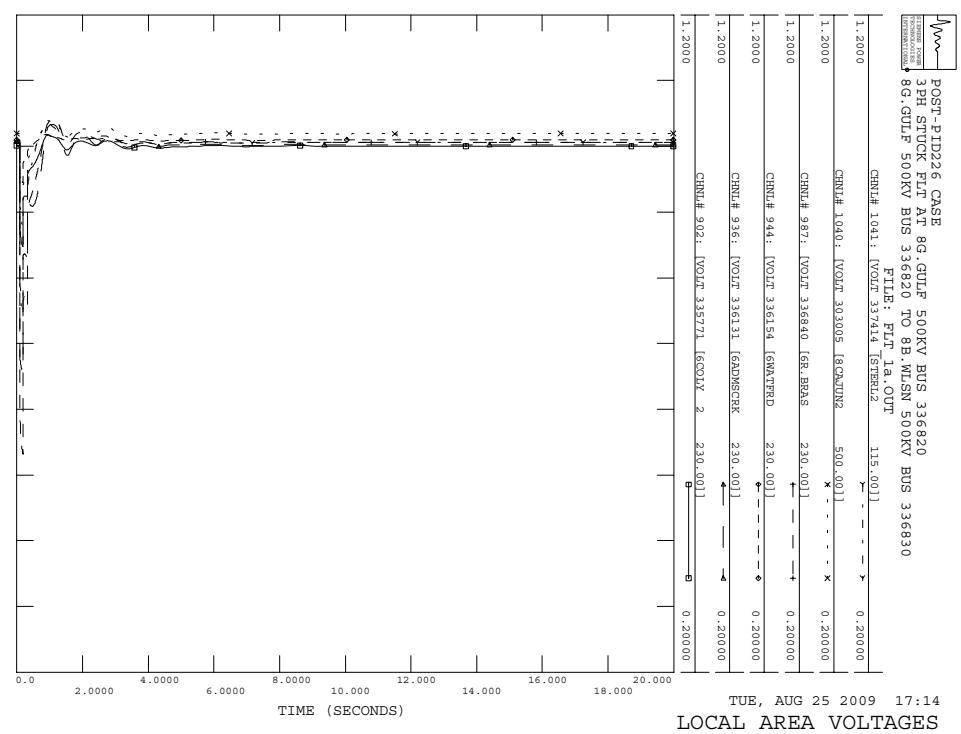
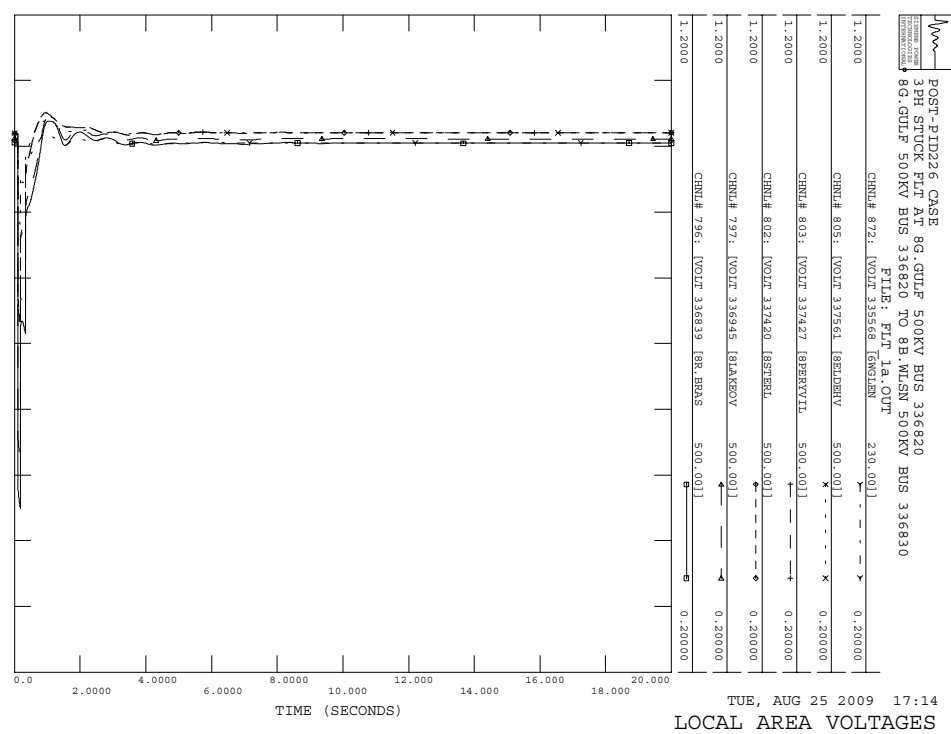
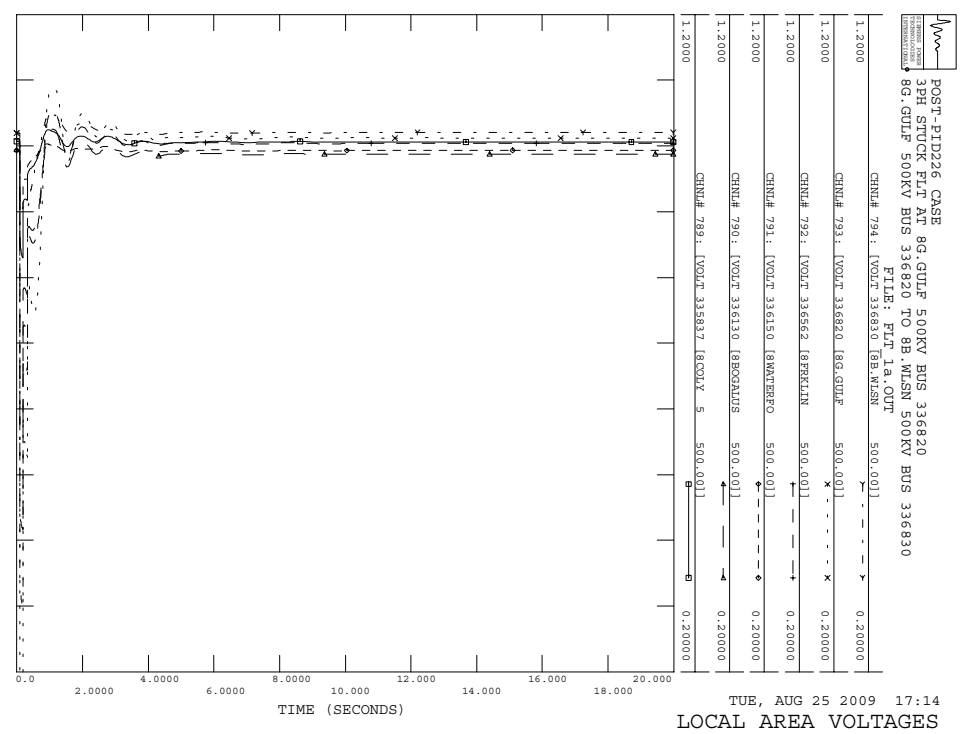
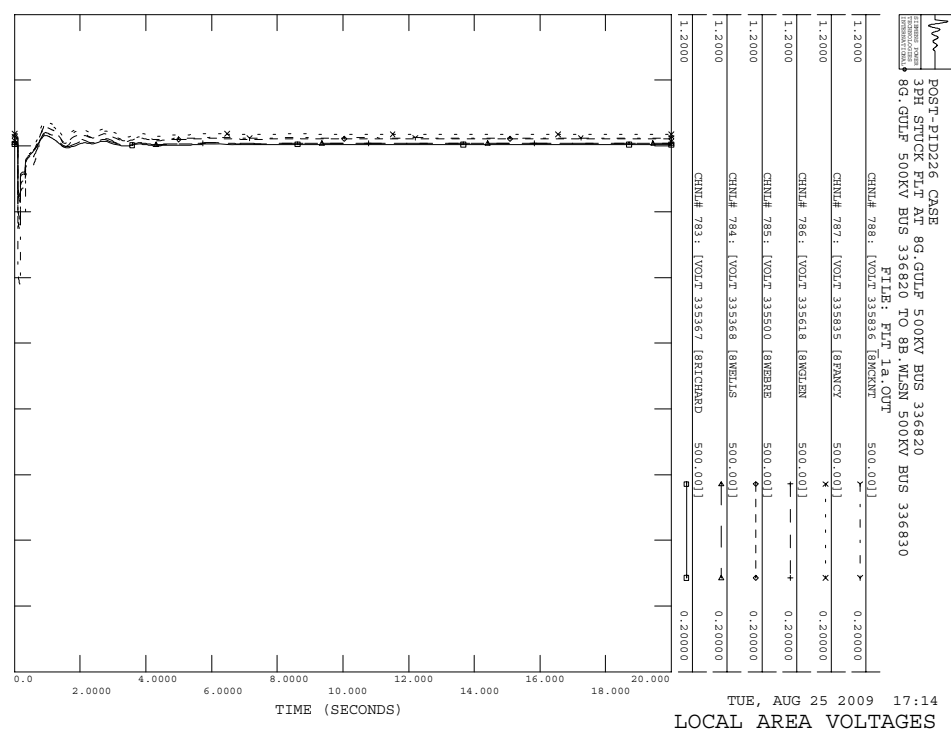


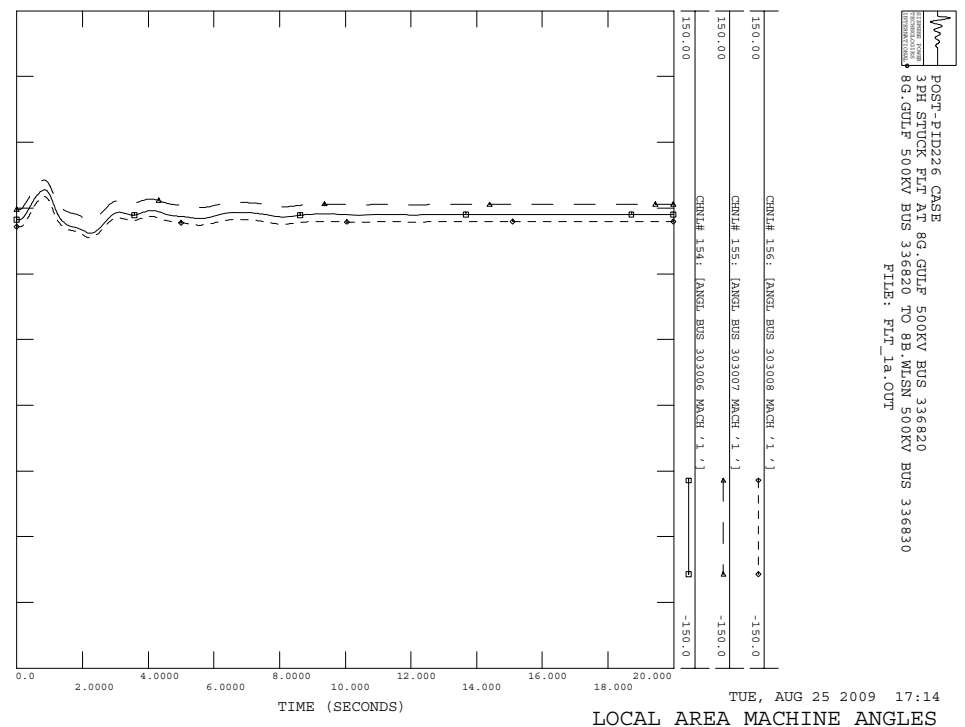
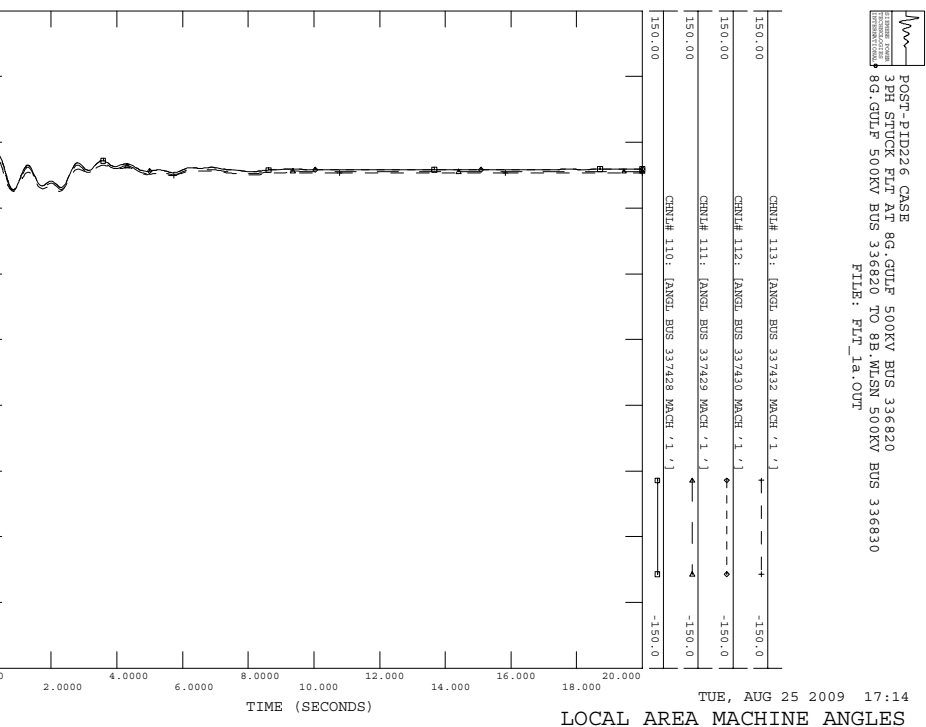
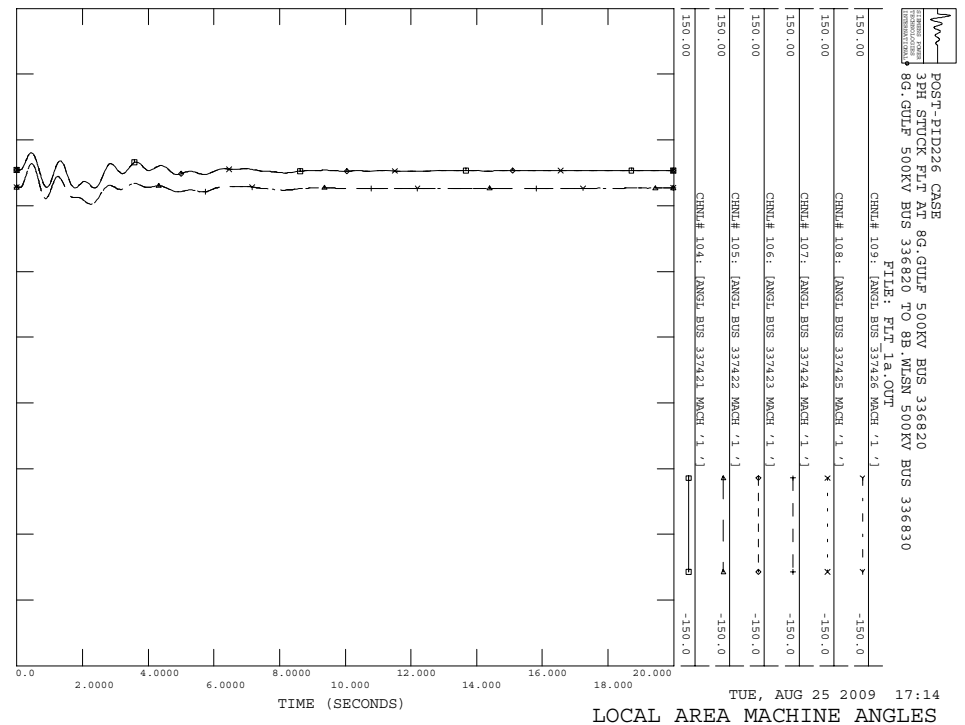
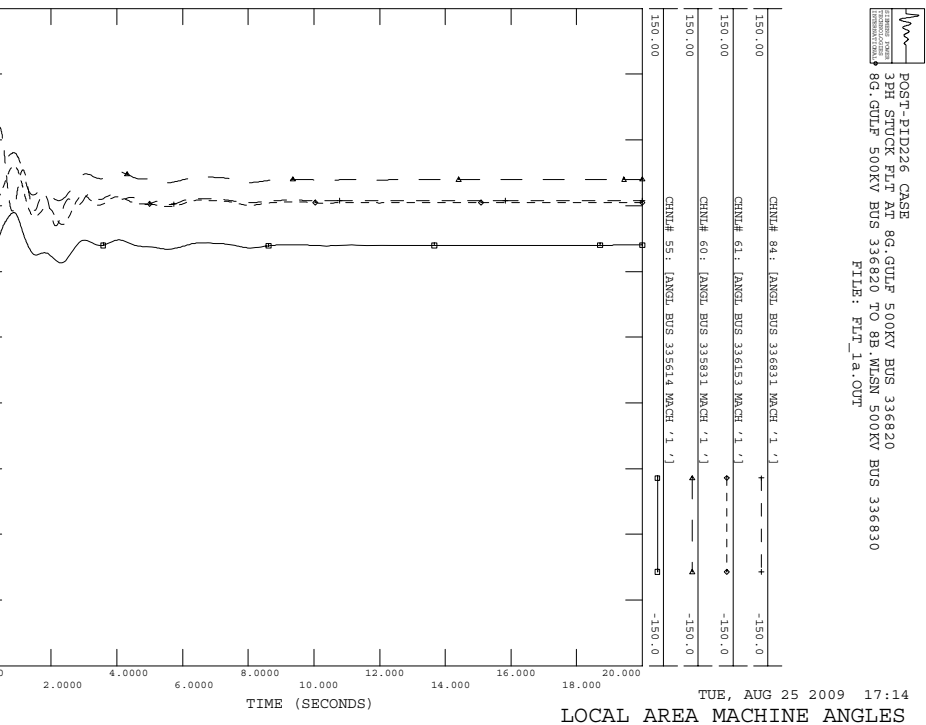
TUE, AUG 25 2009 17:14
 PID-226 PLOTS

C.16 FLT_1a

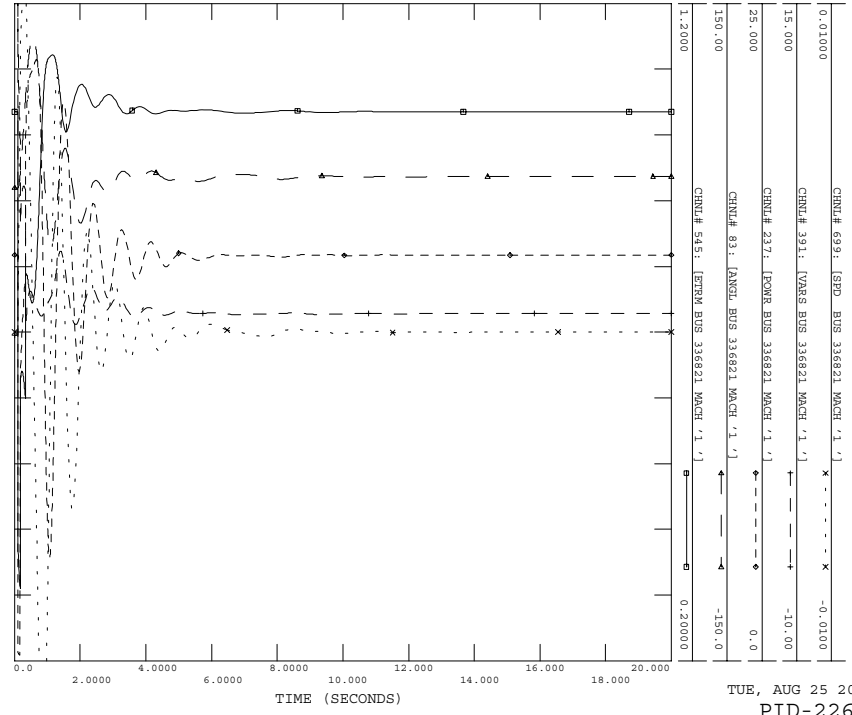
Stuck breaker fault on the 8G.GULF (#336820) to 8B.WLSN (#336830) 500 kV line, near the 8G.GULF.

- a) Apply 3 Phase Fault AT 8G.GULF 500KV BUS 336820
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8G.GULF 500KV BUS 336820
- d) Apply 3 Phase fault at #336820 with admittance $640.02 -j 8505.34$ MVA
- e) Clear fault after 9 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830





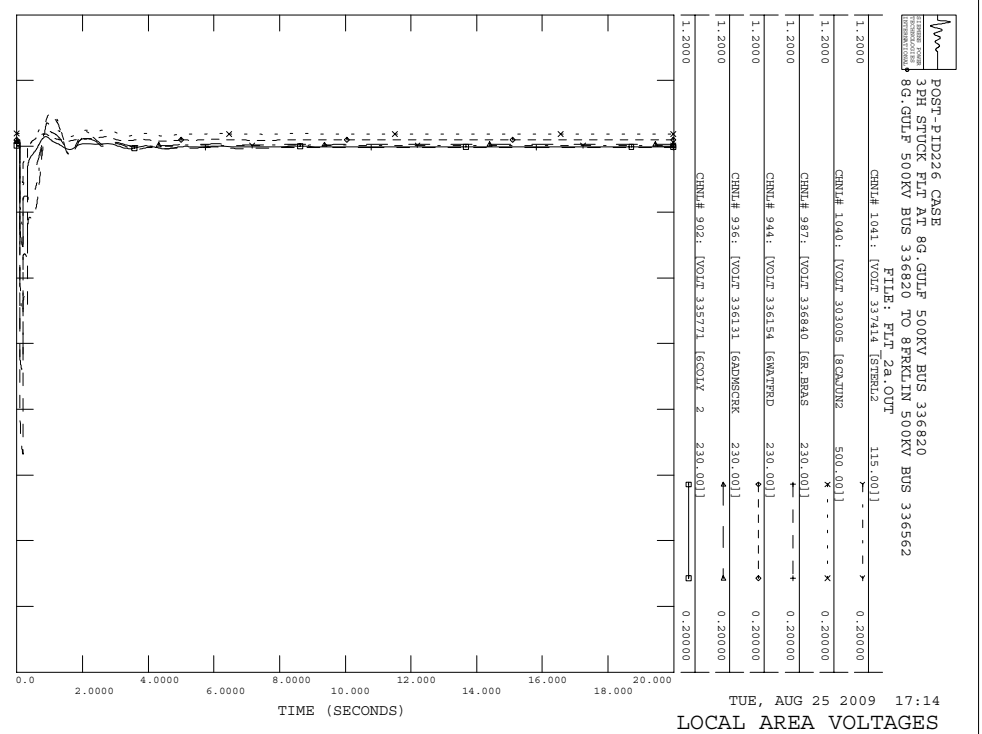
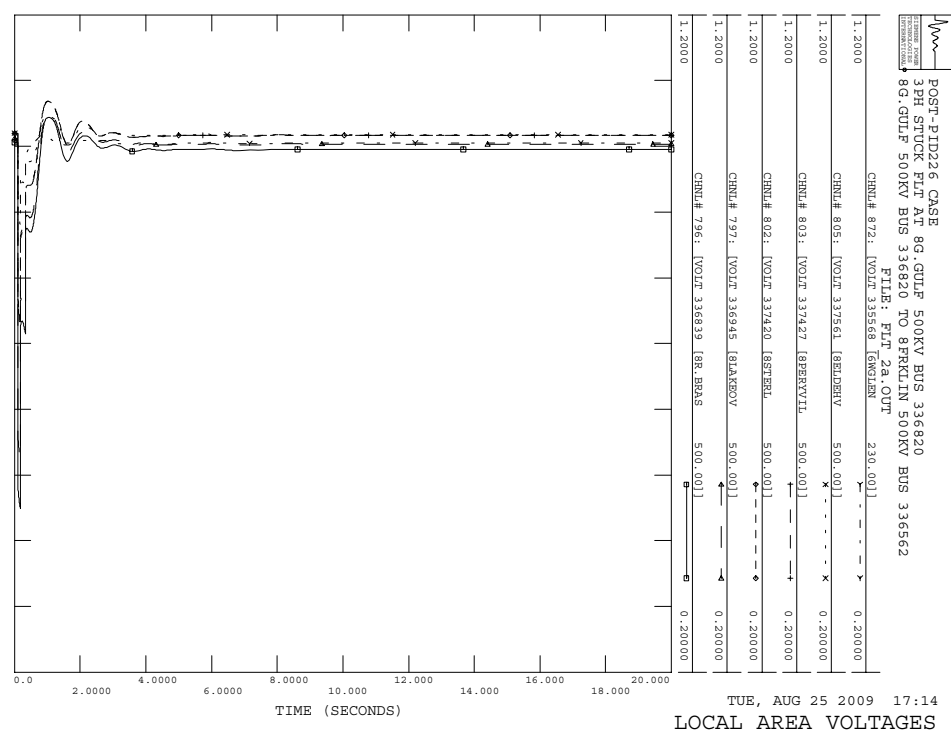
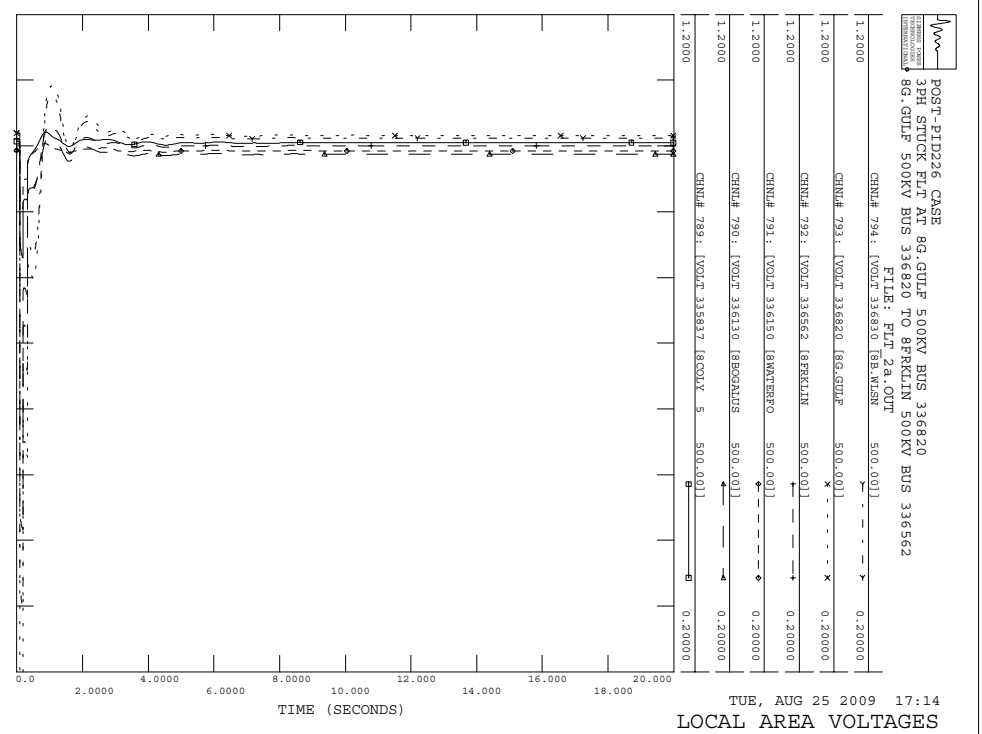
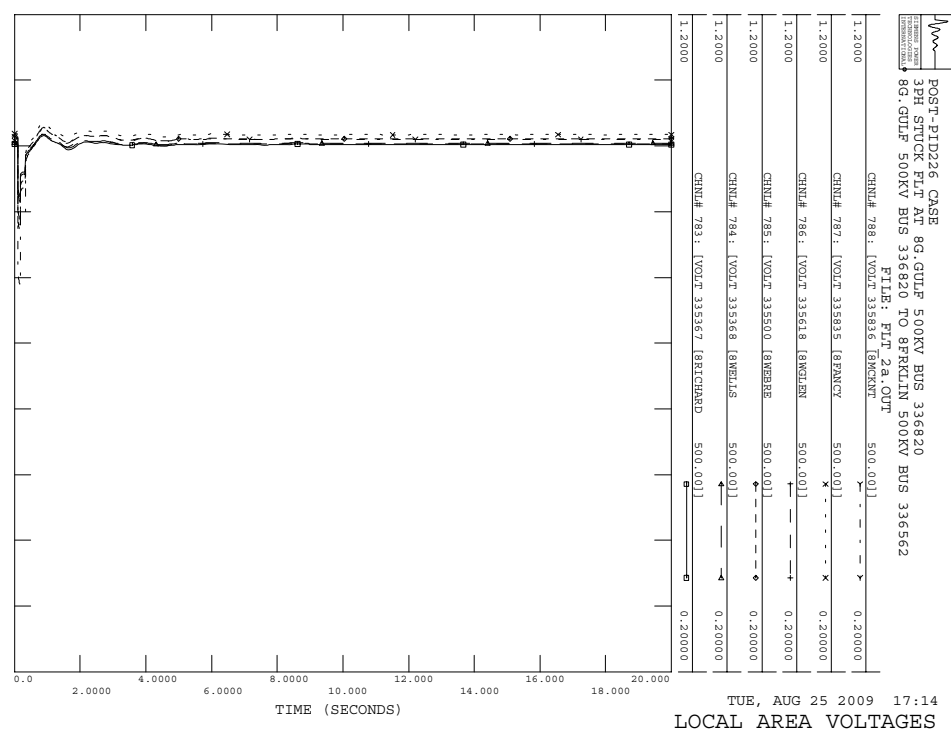
POST-PID226 CASE
 3PH STOCK FLT AT 89.50KV BUS 336820
 89.50KV BUS 336820 TO 89.50KV BUS 336830
 FILE: FLI_1A.OUT

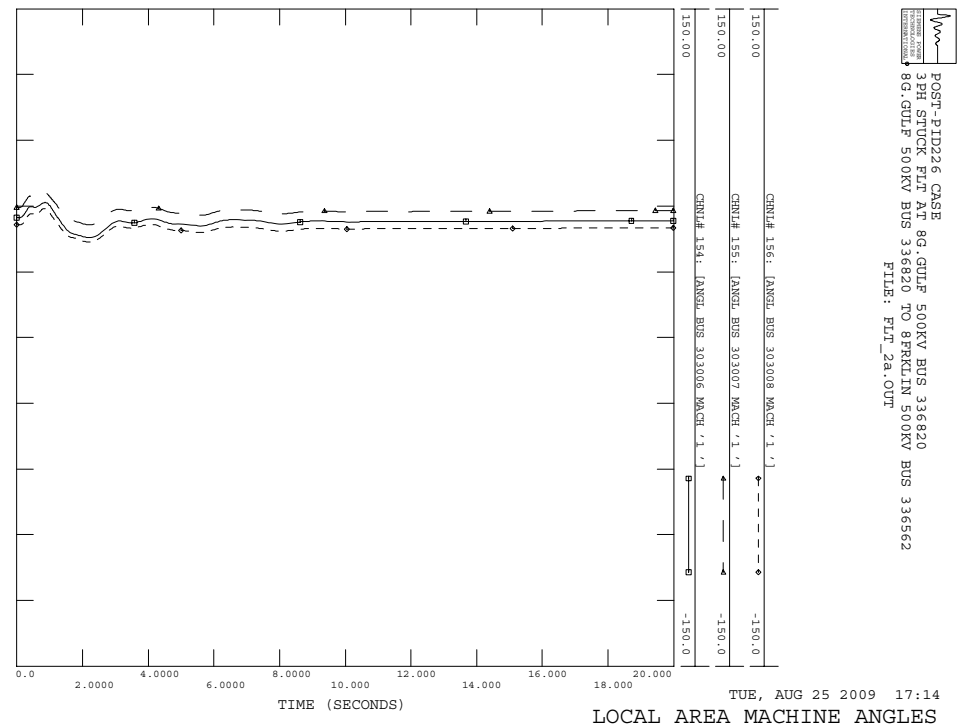
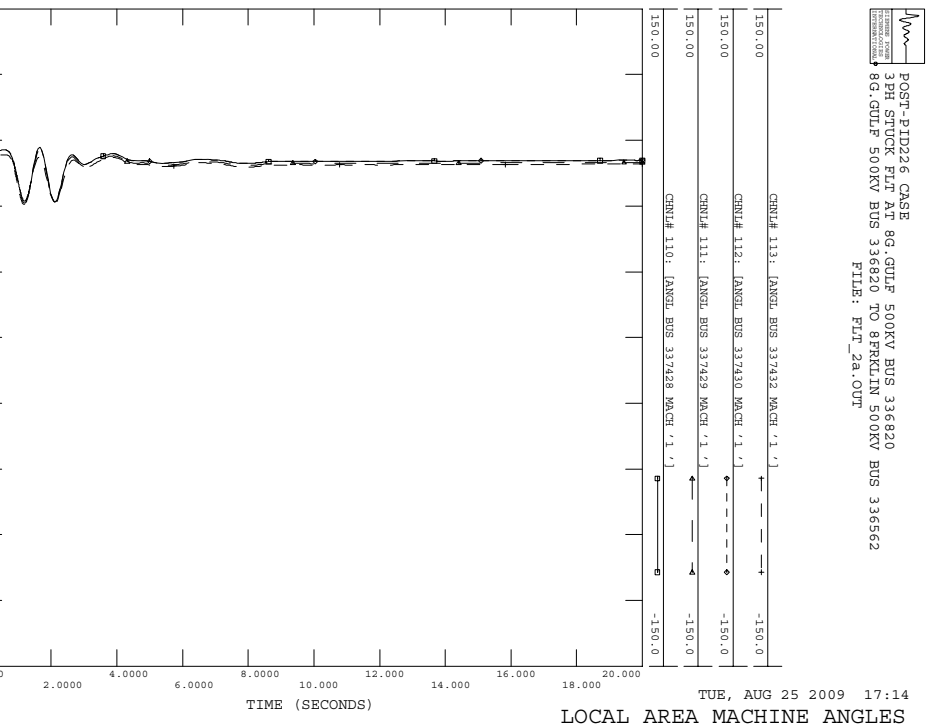
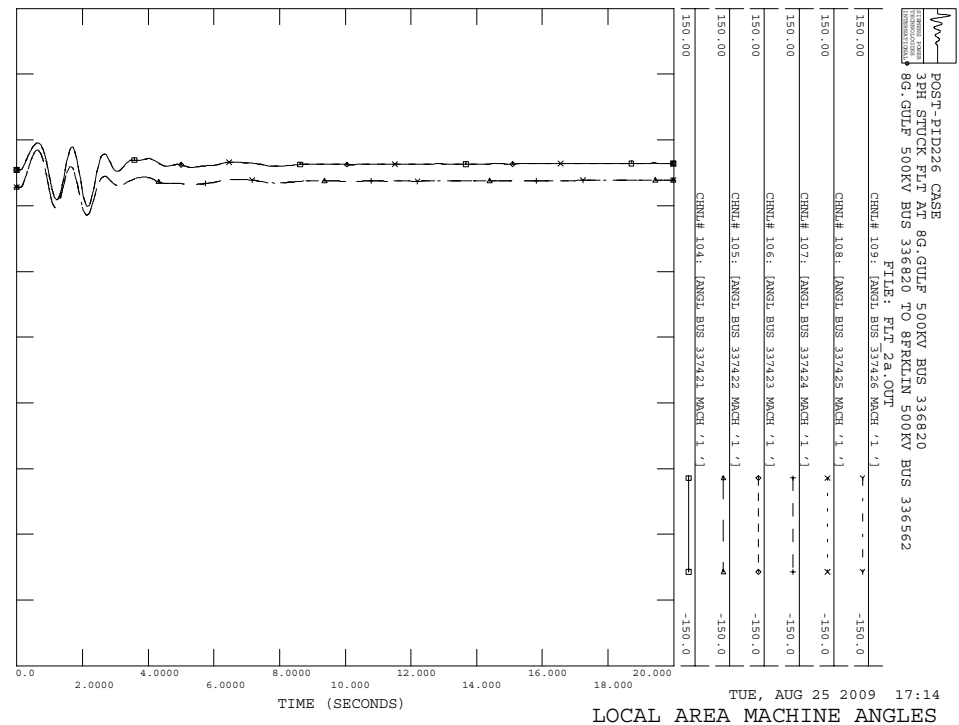
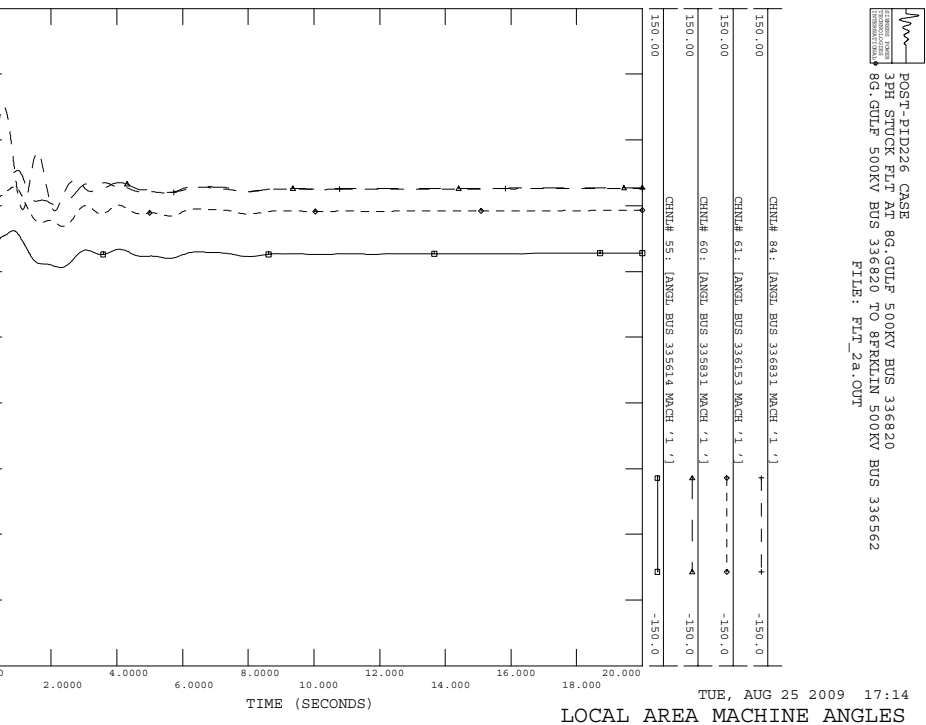


C.17 FLT_2a

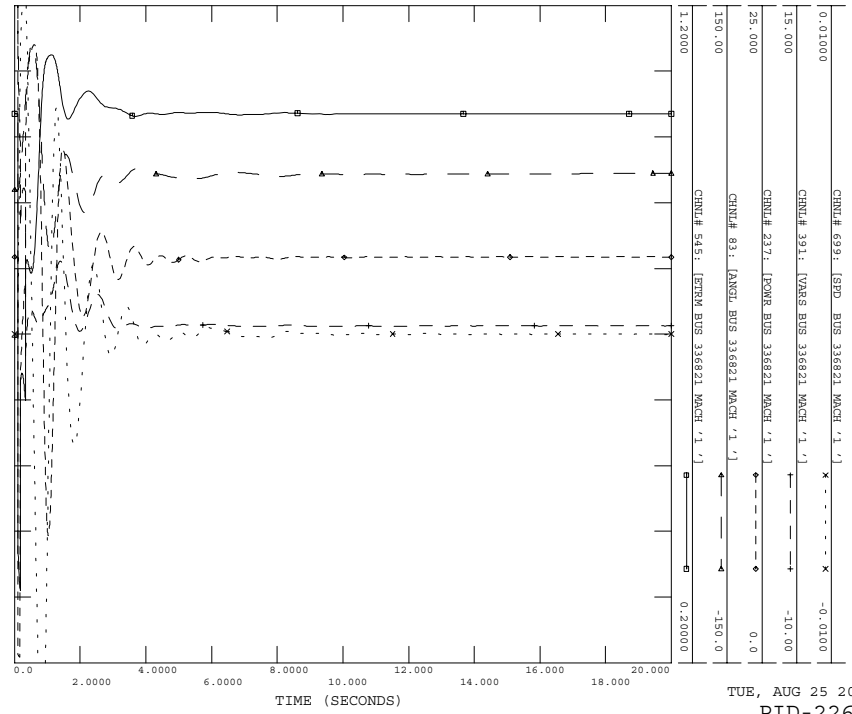
Stuck breaker fault on the 8G.GULF (#336820) to 8FRKLIN (#336562) 500 kV line, near the 8G.GULF.

- a) Apply 3 Phase Fault AT 8G.GULF 500KV BUS 336820
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8G.GULF 500KV BUS 336820
- d) Apply 3 Phase fault at #336820 with admittance $640.02 -j 8505.34$ MVA
- e) Clear fault after 9 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562





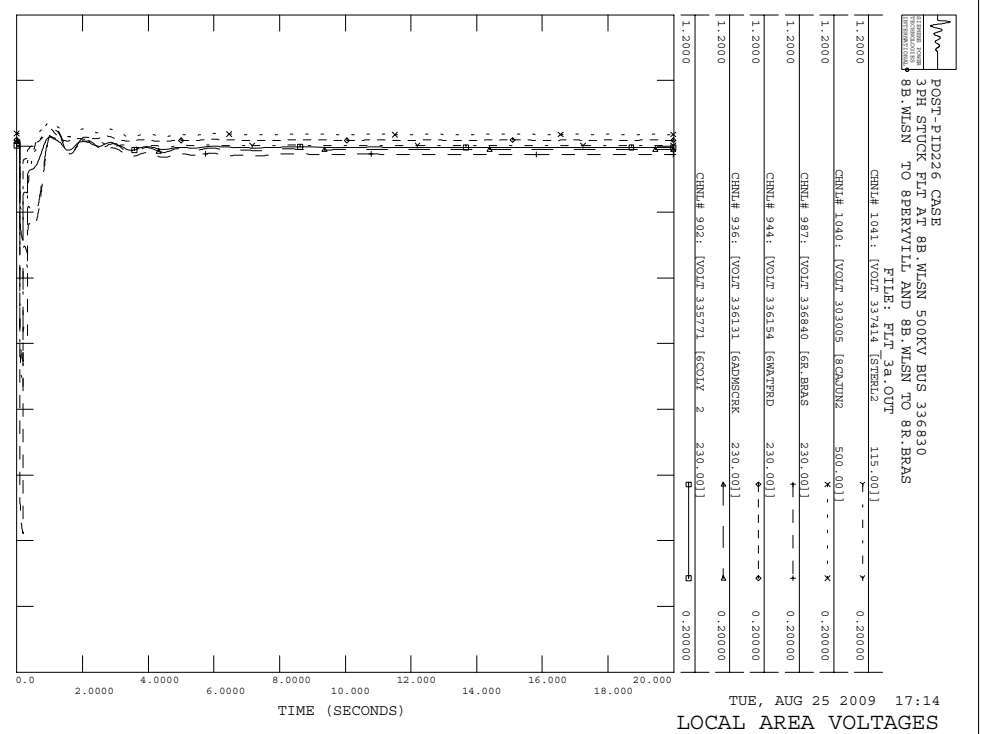
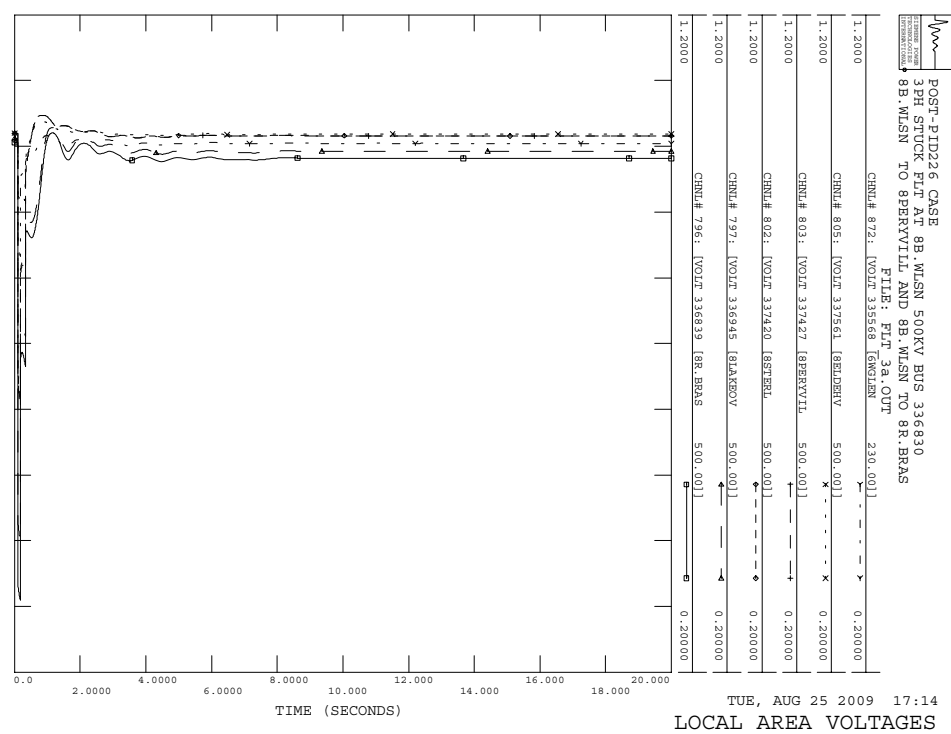
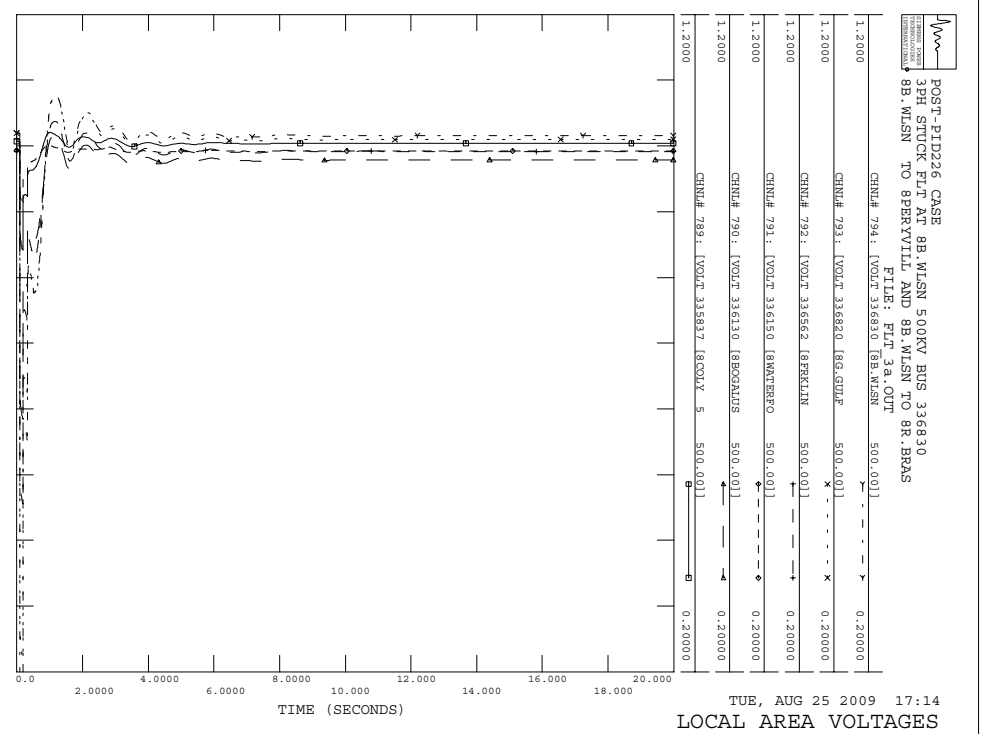
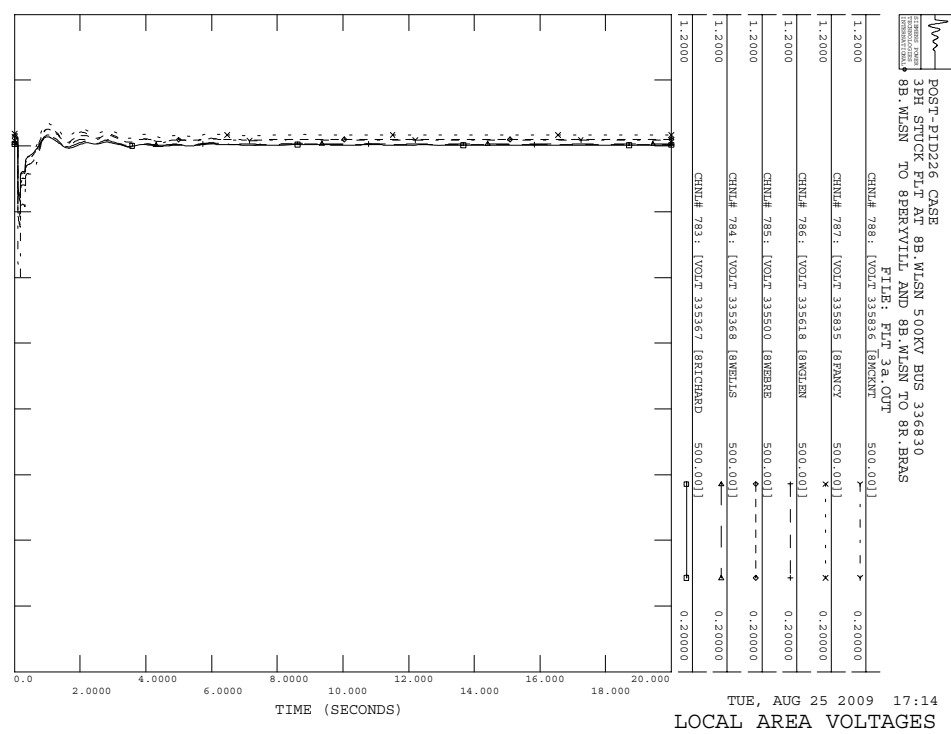
POST-PID226 CASE
 3PH STOCK FLT AT 89.50KV BUS 336820
 89.50KV BUS 336820 TO 89.50KV BUS 336562
 FILE: FLI_24.001

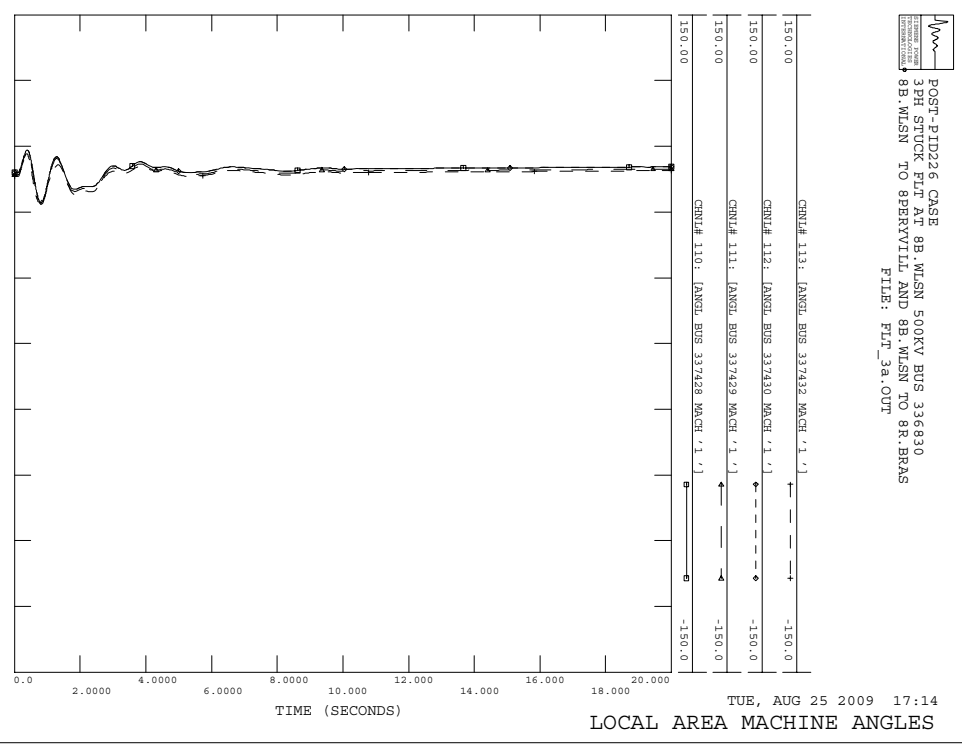
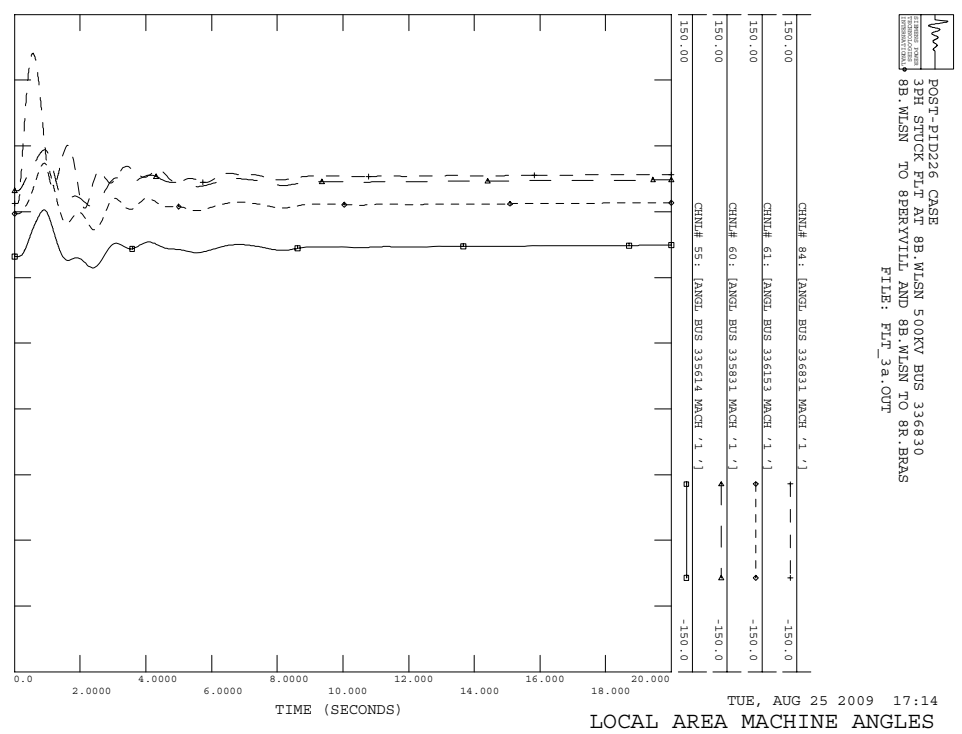
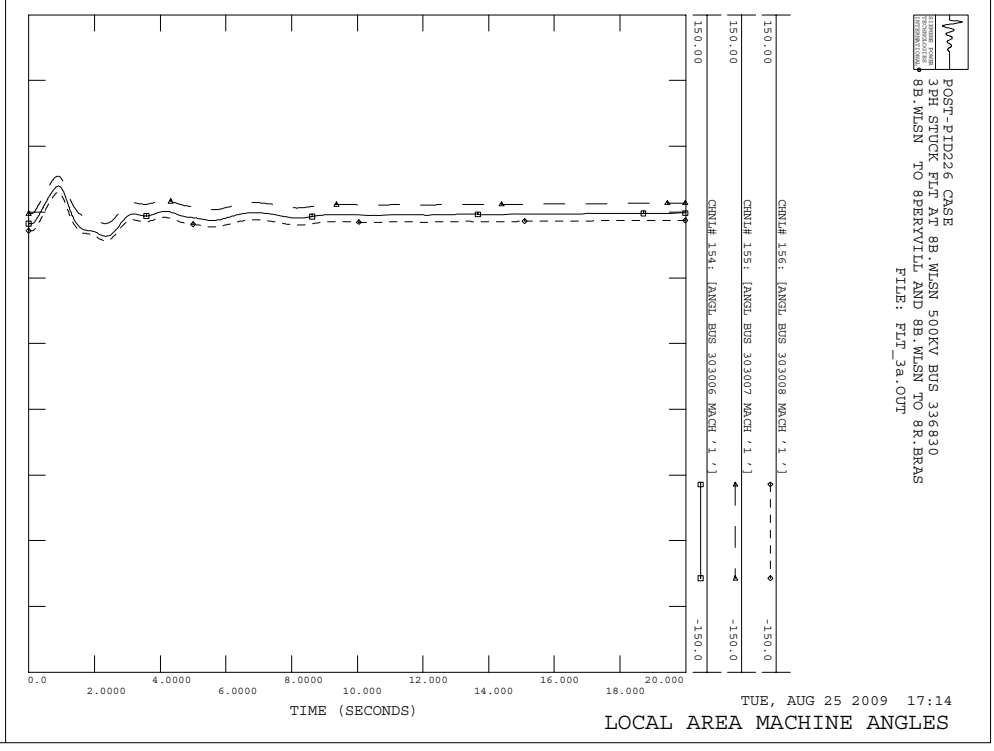
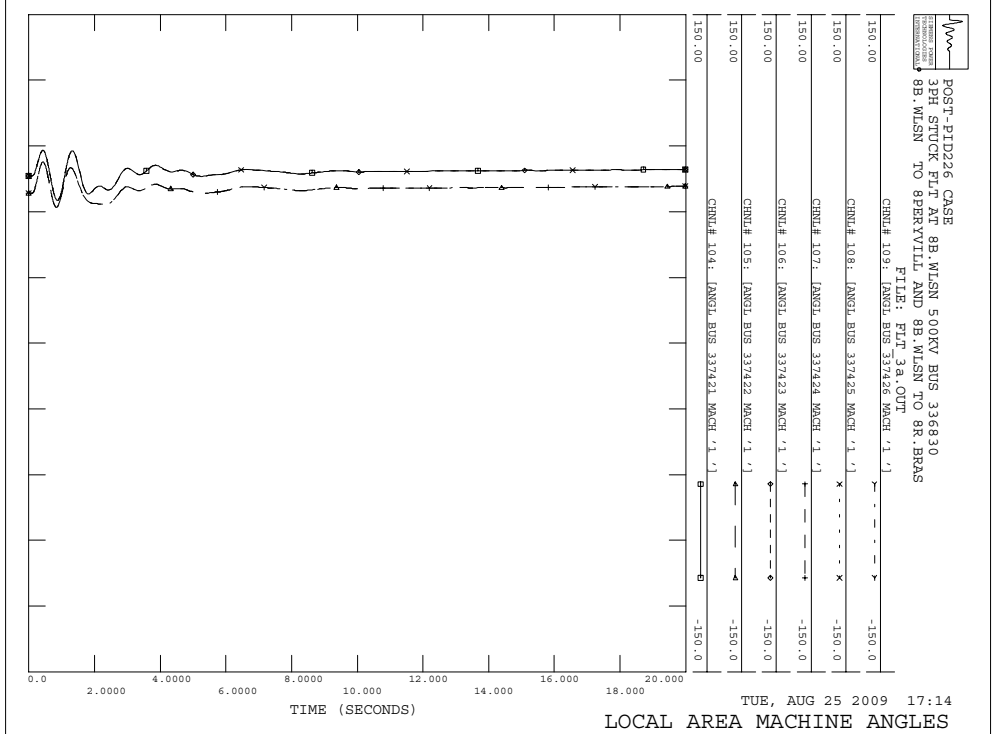


C.18 FLT_3a

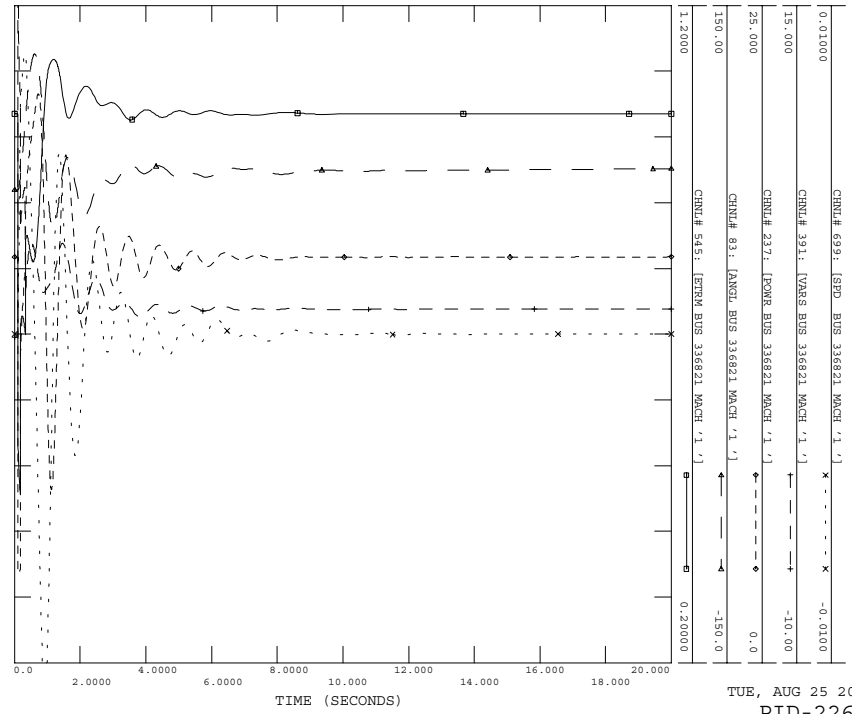
Stuck breaker fault on the 8B.WLSN (#336830) to 8PERYVILL (#337427) 500 kV line, near the 8B.WLSN.

- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping line from 8B.WLSN TO PERYVILL AND 8B.WLSN TO 8R.BRAS"





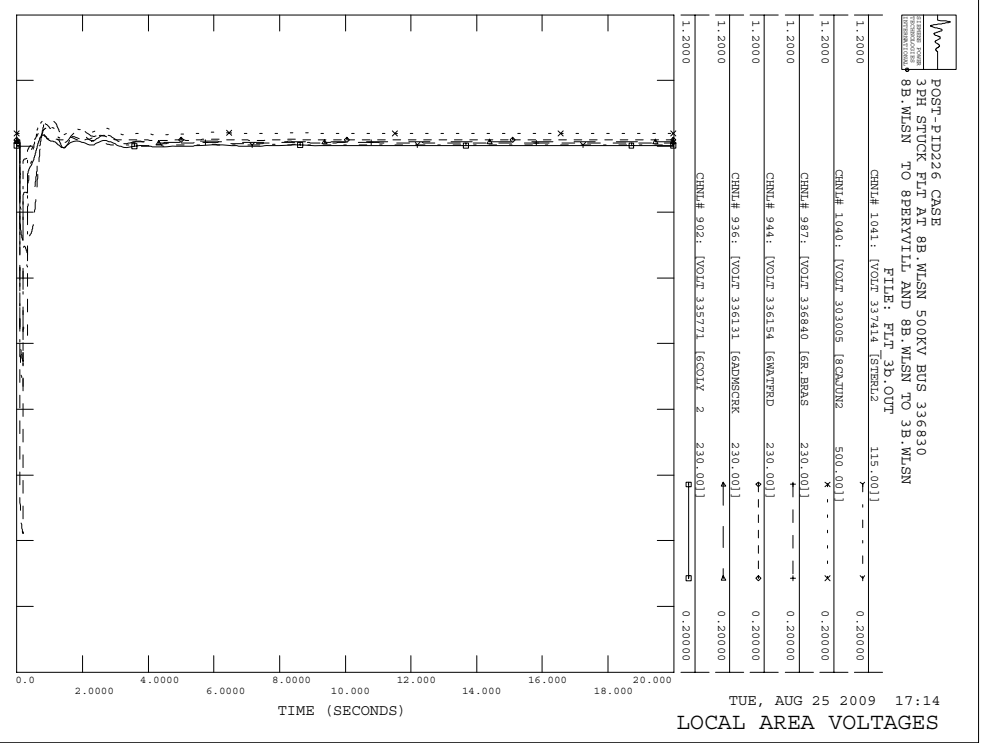
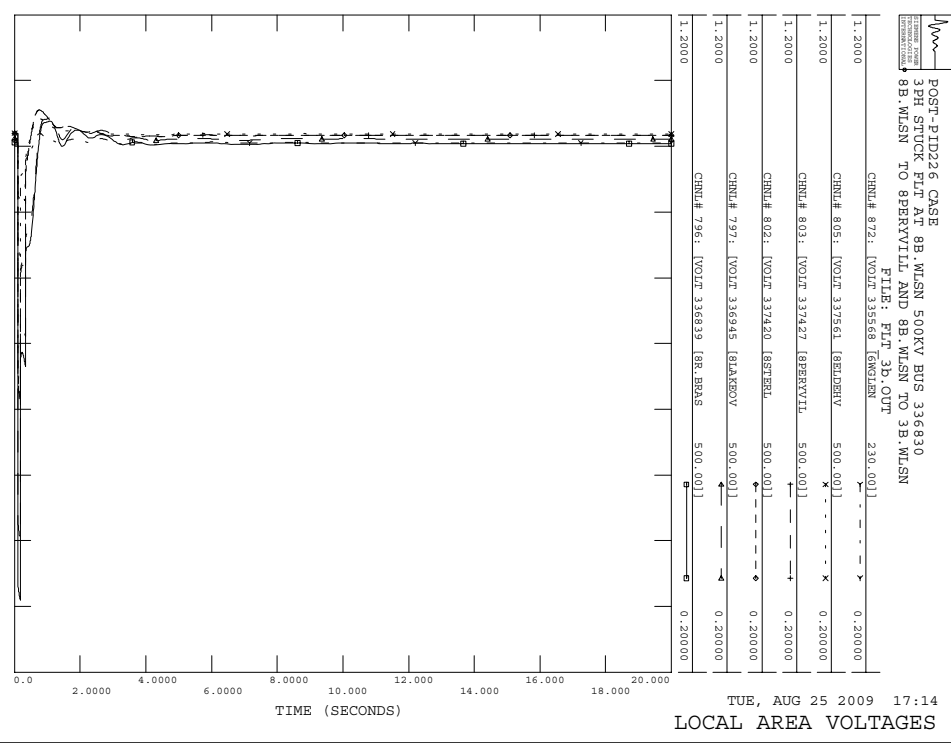
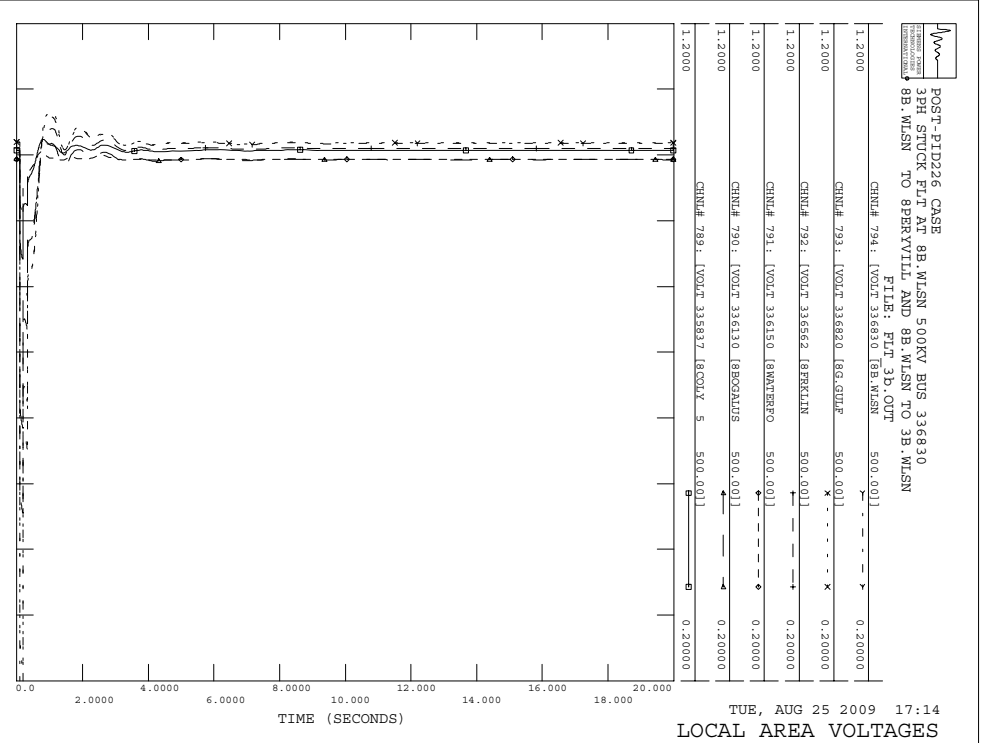
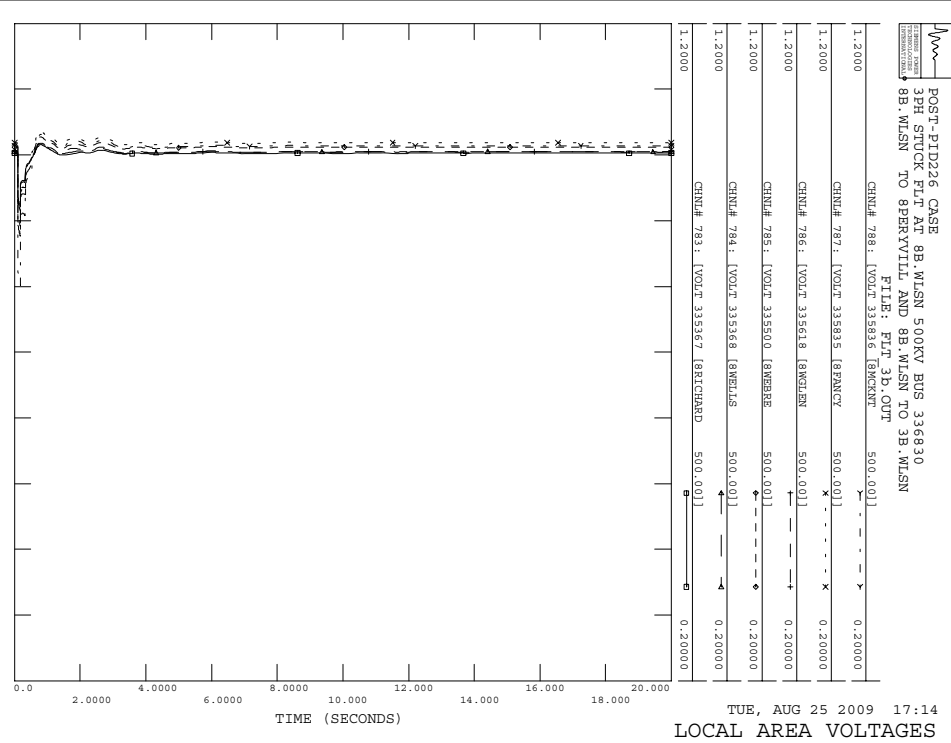
POST-PID226 CASE
3PH STOCK FLT AT 88-WLSN 500KV BUS 336830
88-WLSN TO 88RIVILLI PAD 88-WLSN TO 88-BRAS
FILE: FLT_38.001

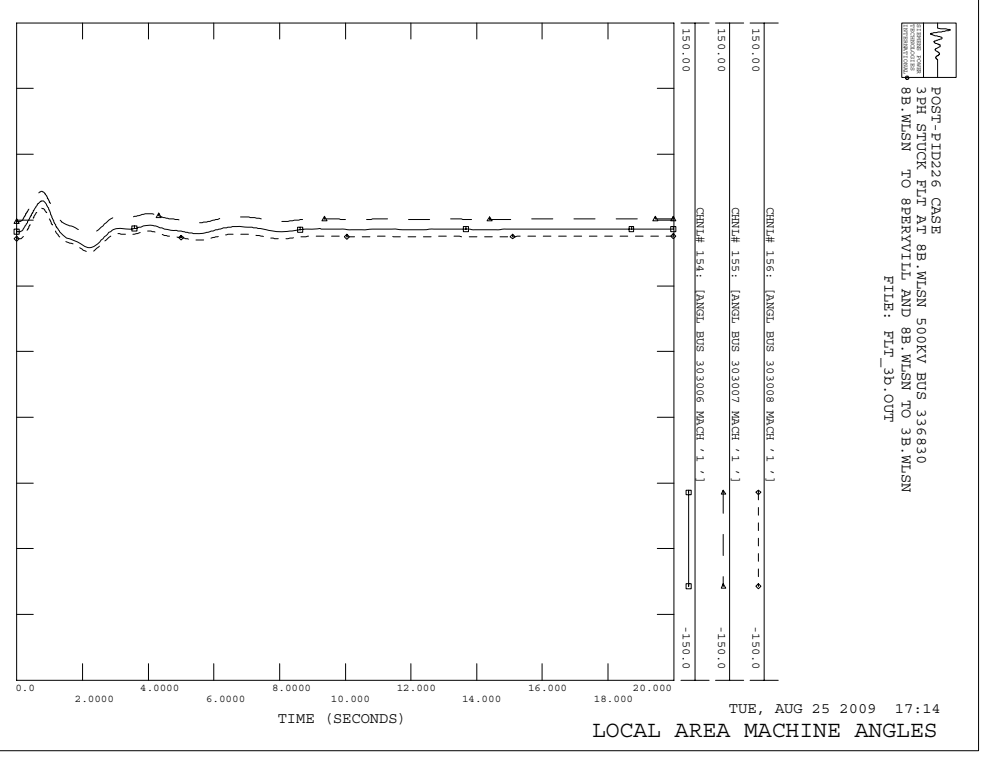
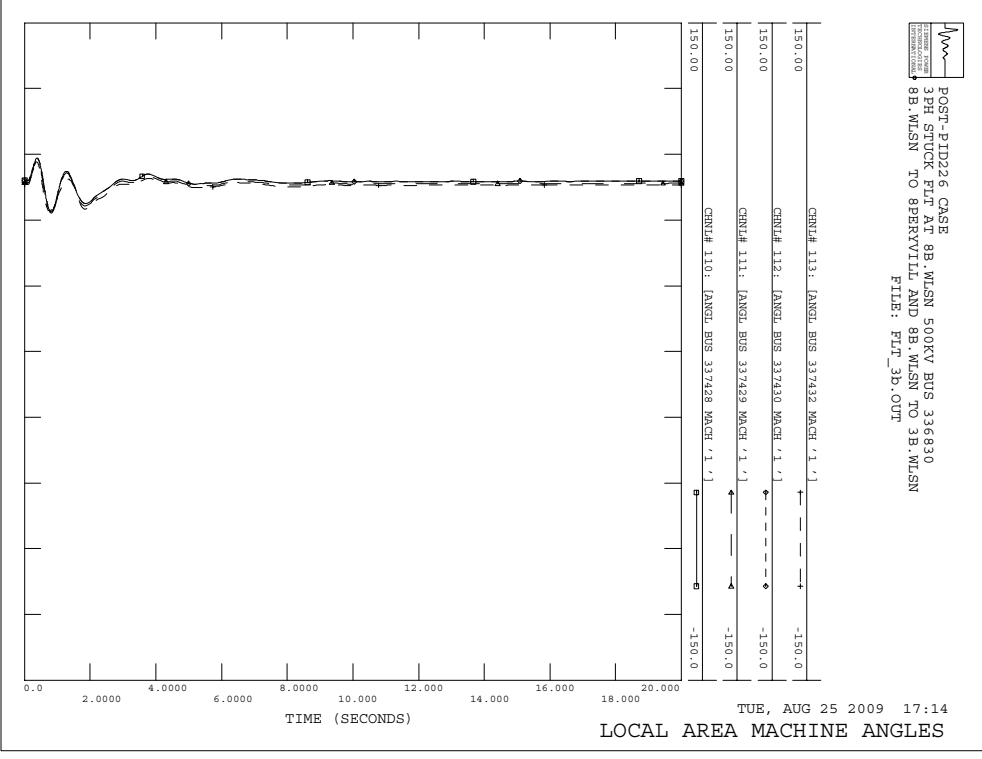
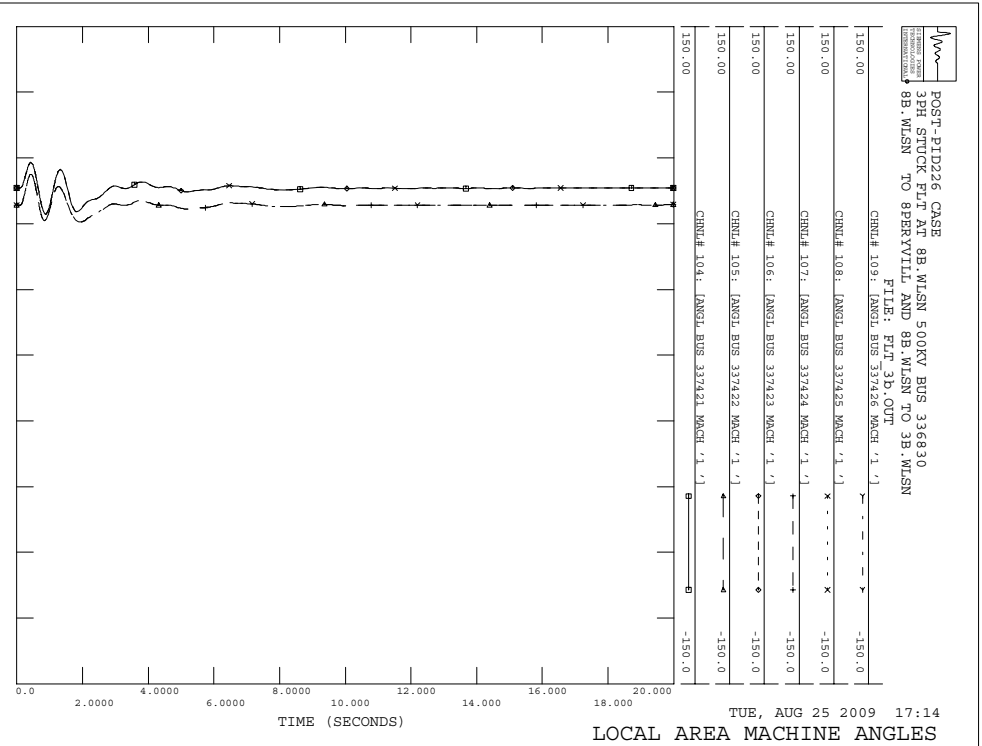
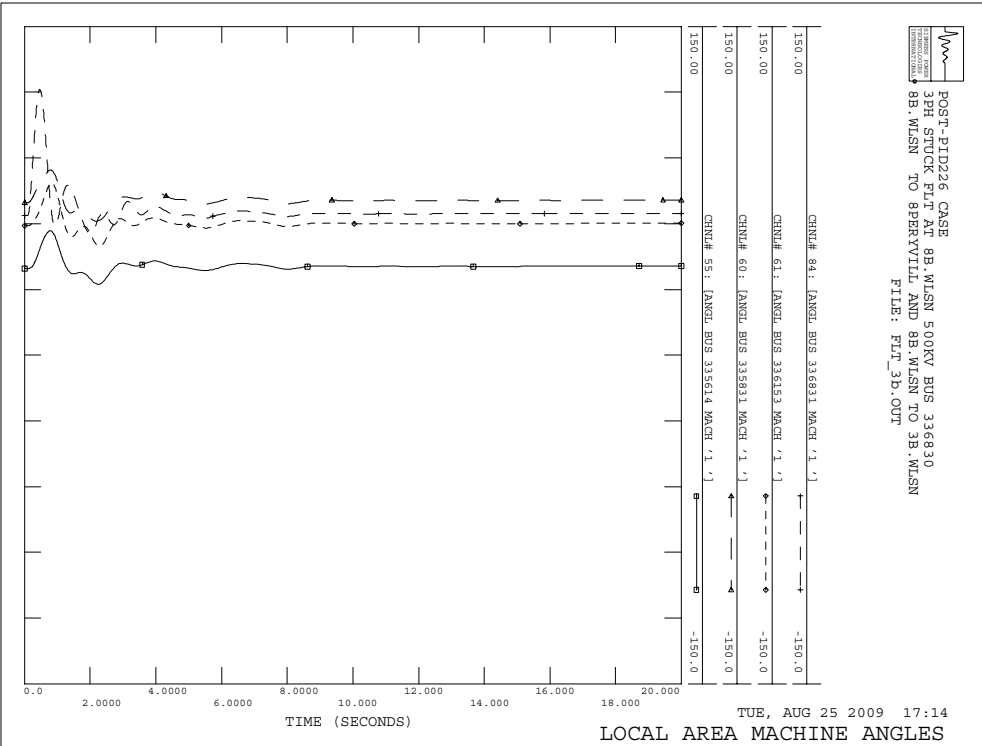


C.19 FLT_3b

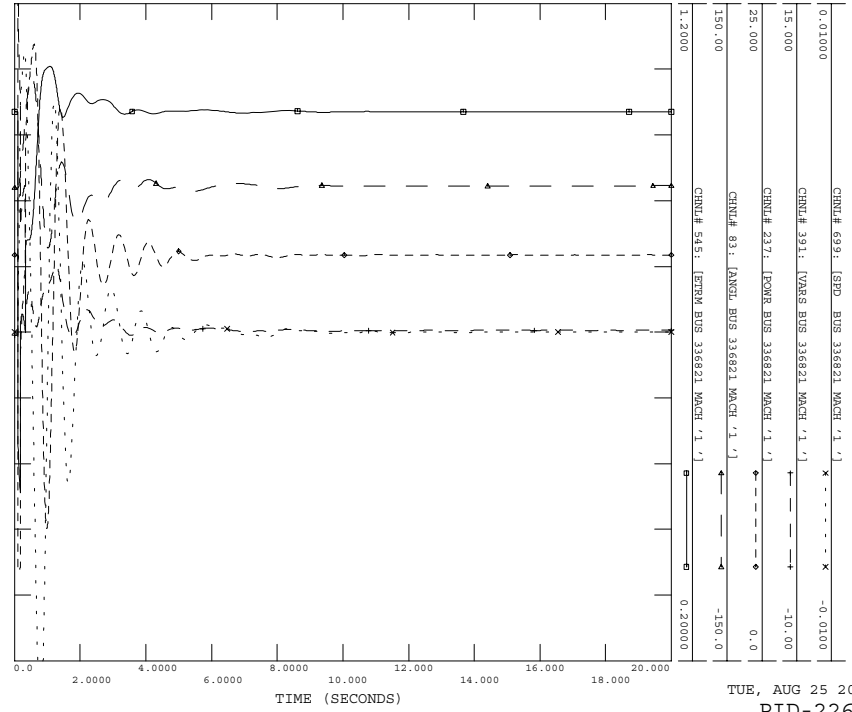
Stuck breaker fault on the 8B.WLSN (#336830) to 8PERYVILL (#337427) 500 kV line, near the 8B.WLSN.

- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping line from 8B.WLSN TO 8PERYVILL AND transformer from 8B.WLSN TO 3B.WLSN





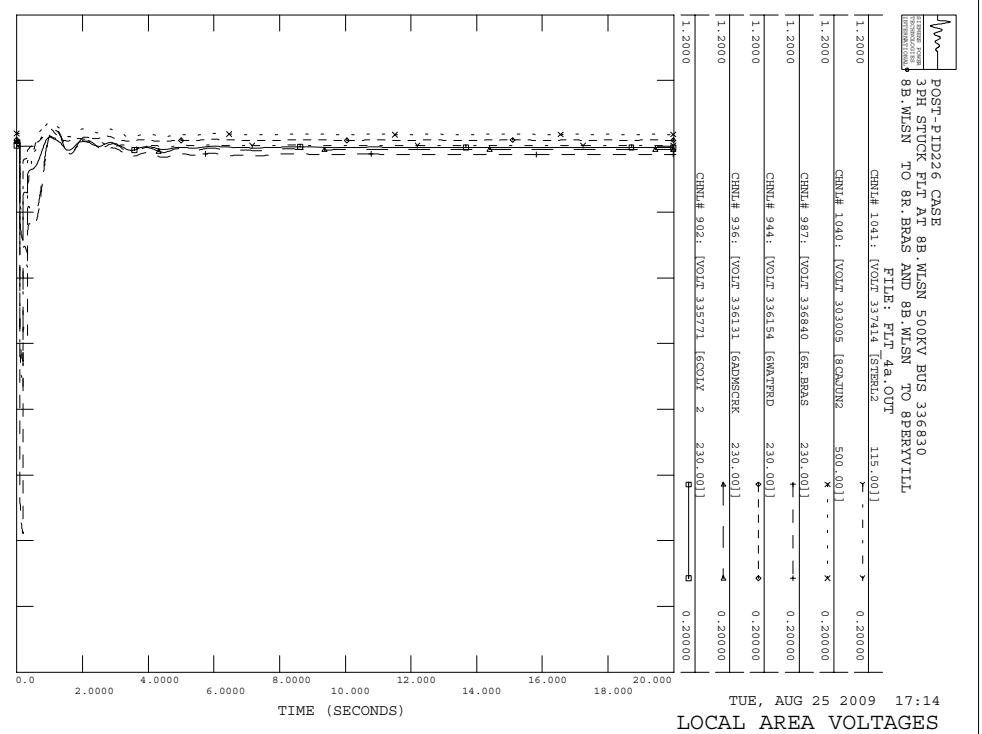
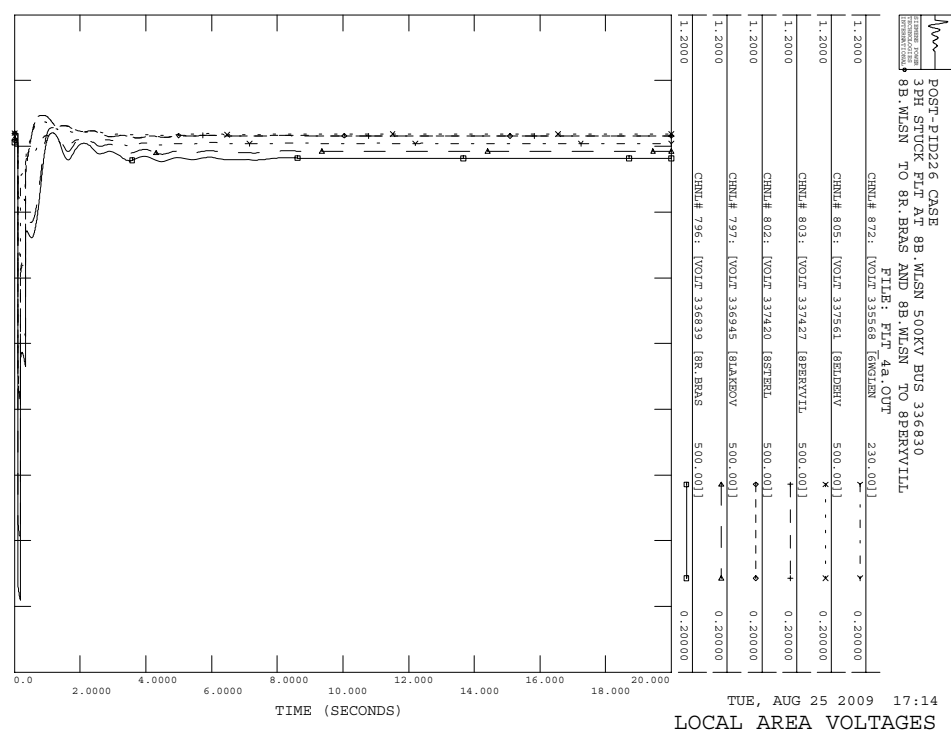
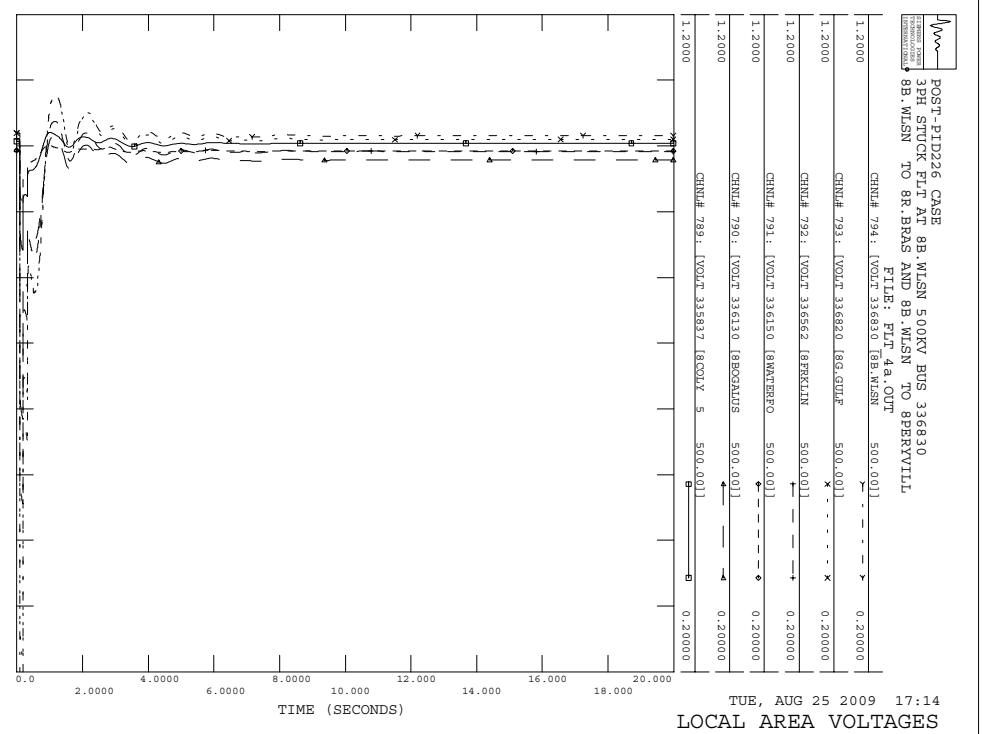
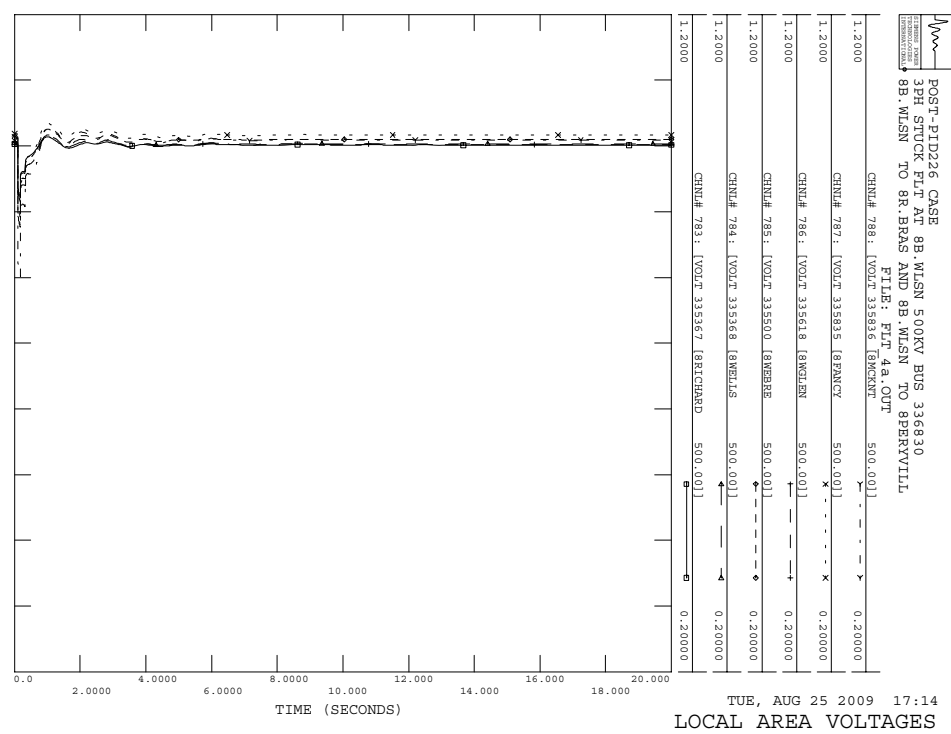
POST-PID226 CASE
 3PH STOCK FLT AT 88:WLSN 500KV BUS 336830
 88:WLSN TO 88:WLSN TO 88:WLSN TO 88:WLSN
 FILE: FLT_3P.001

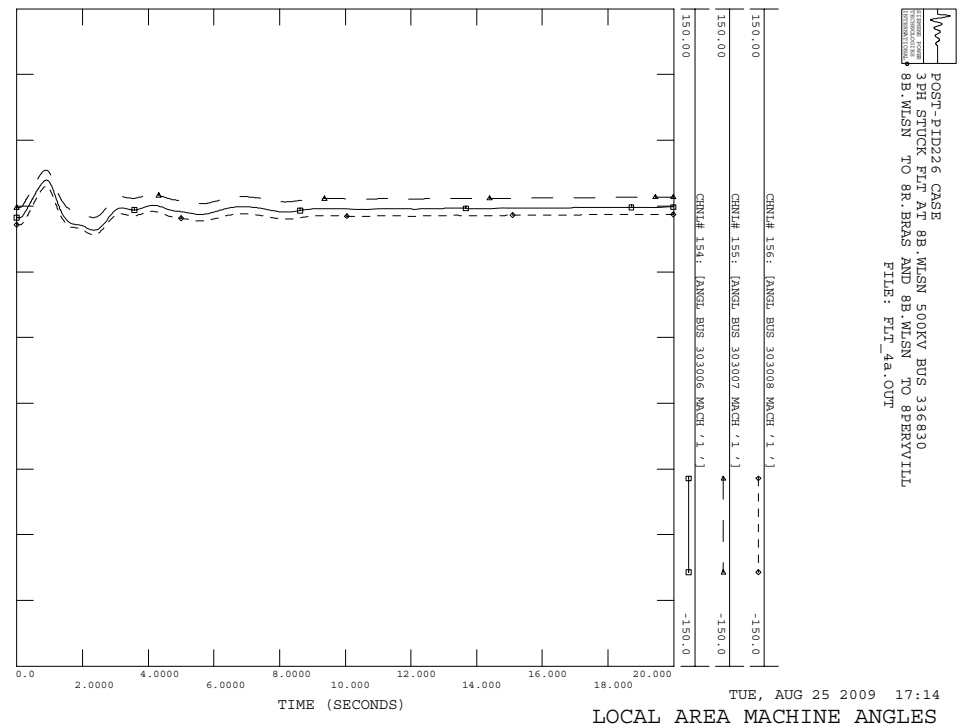
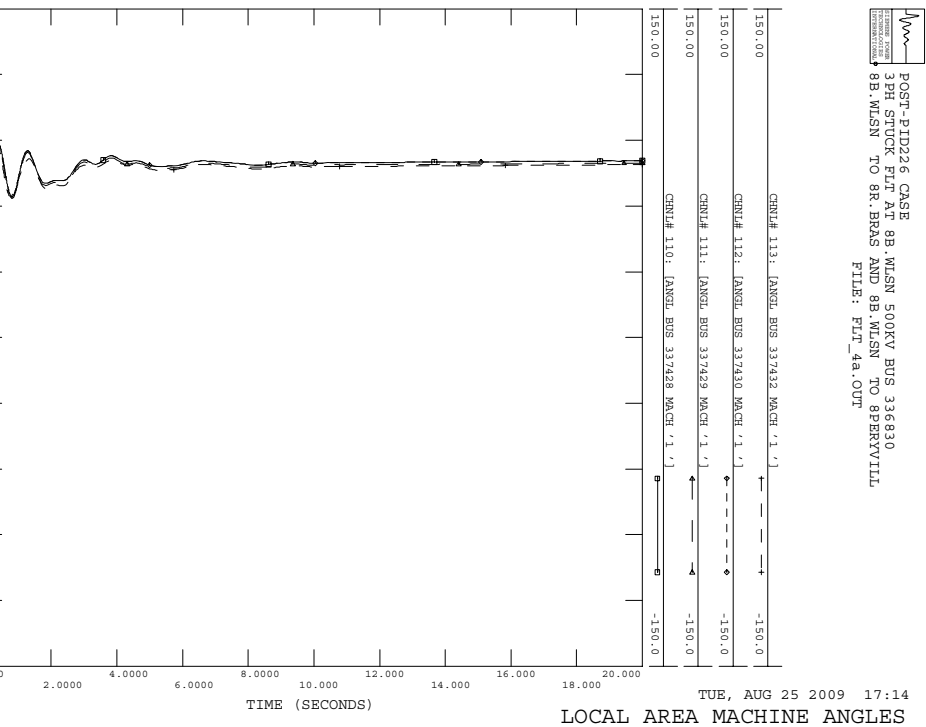
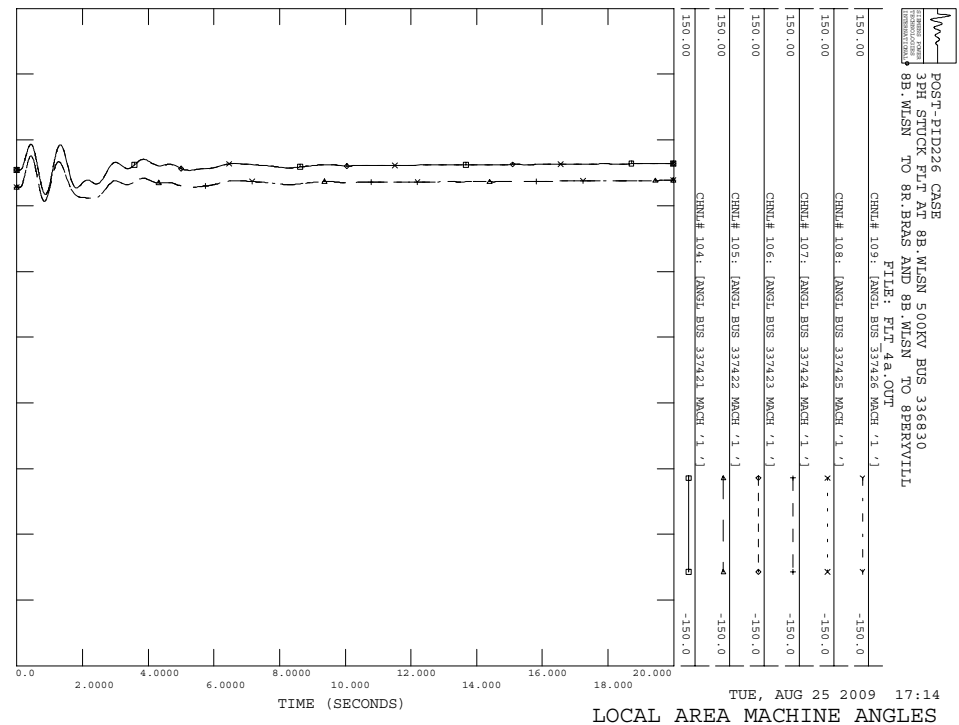
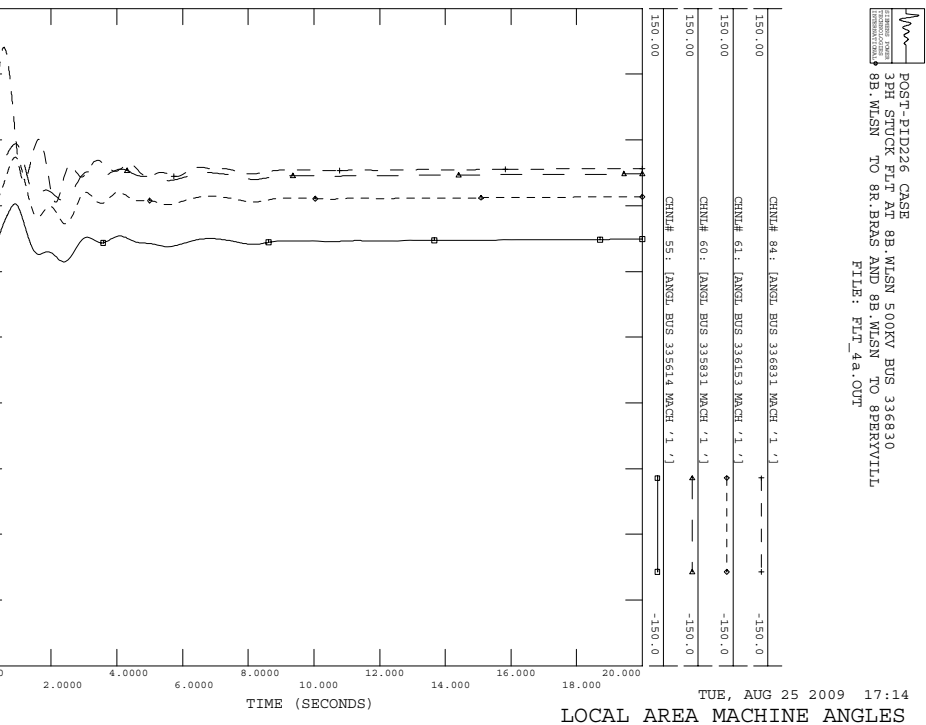


C.20 FLT_4a

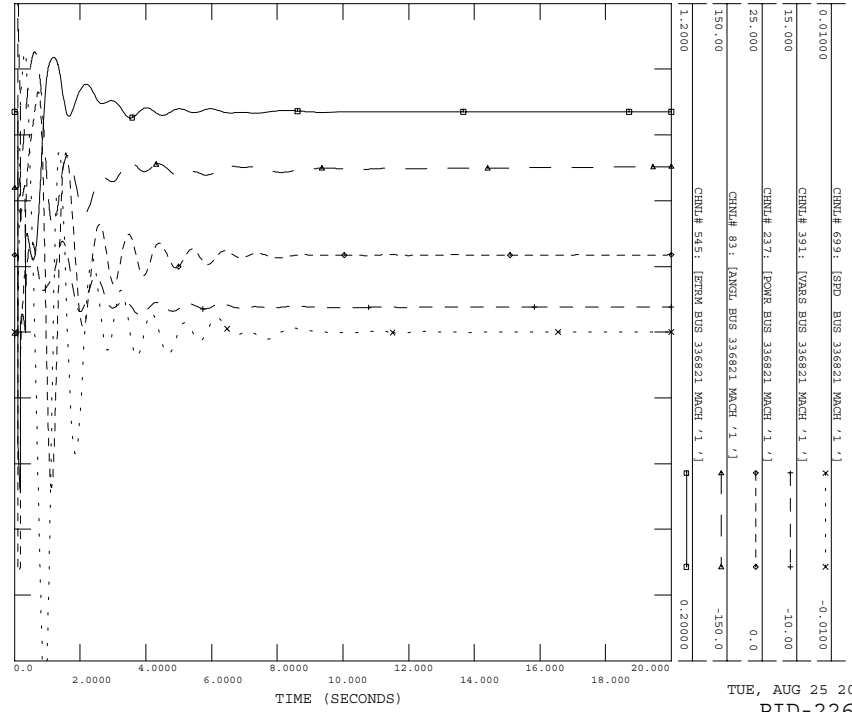
Stuck breaker fault on the 8B.WLSN (#336830) to 8R.BRAS (#336839) 500 kV line, near the 8B.WLSN.

- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8B.WLSN TO 8R.BRAS AND 8B.WLSN TO 8PERYVILL





POST-PID226 CASE
 3PH STOCK FLT AI 8B WISN 5.00KV BUS 336830
 8B WISN TO 8B BIDS AND 8B WISN TO 8B RIVILL
 FILE: FLT_48.001

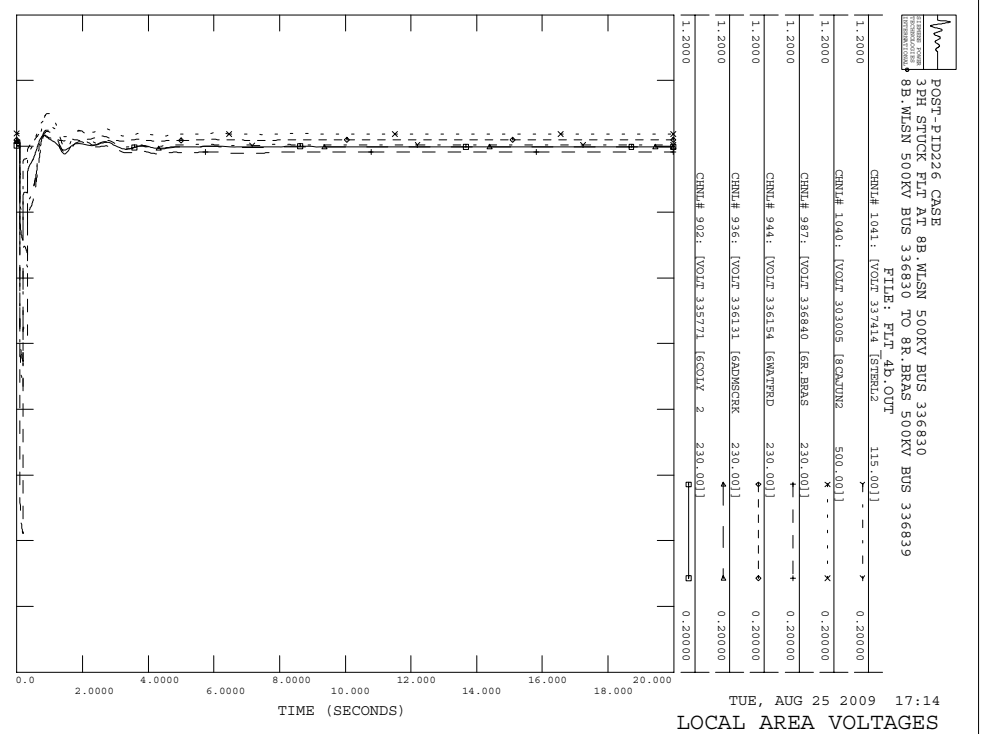
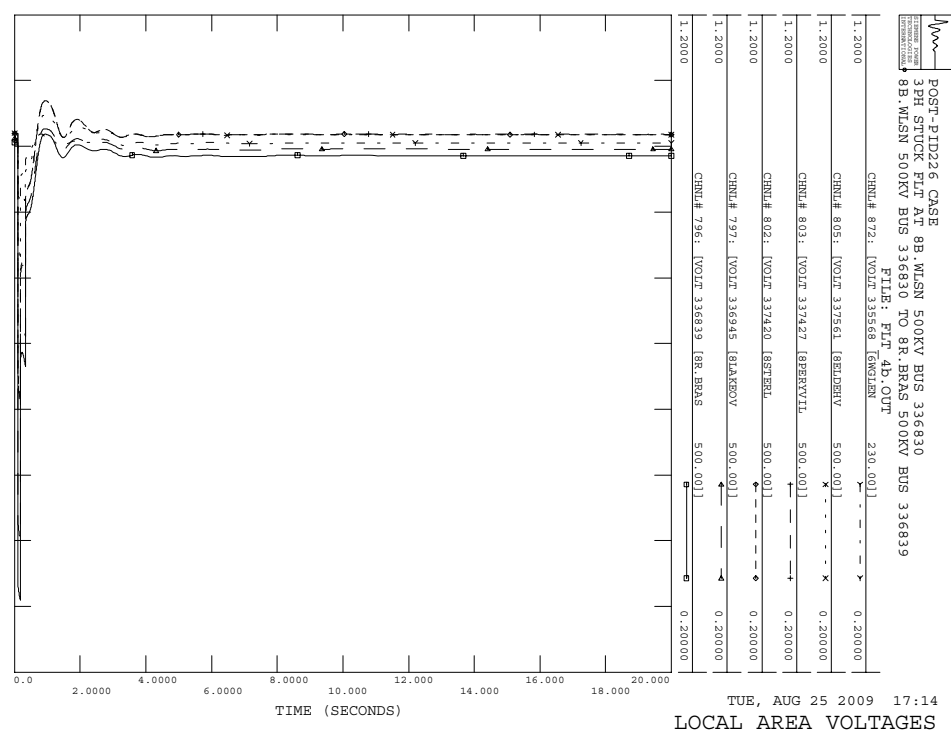
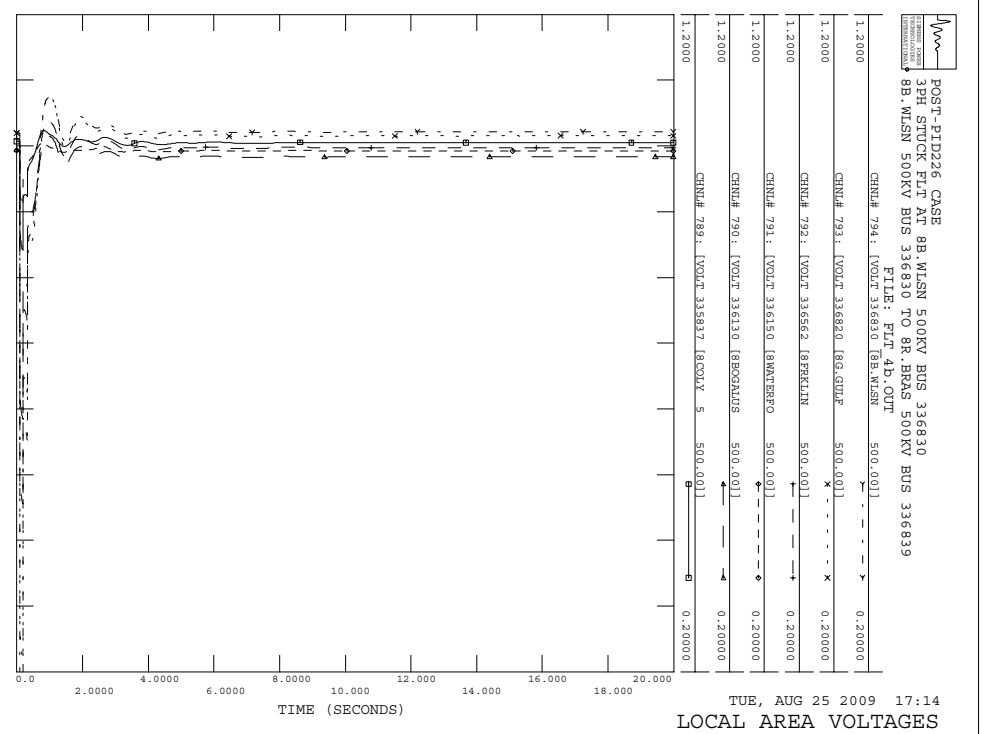
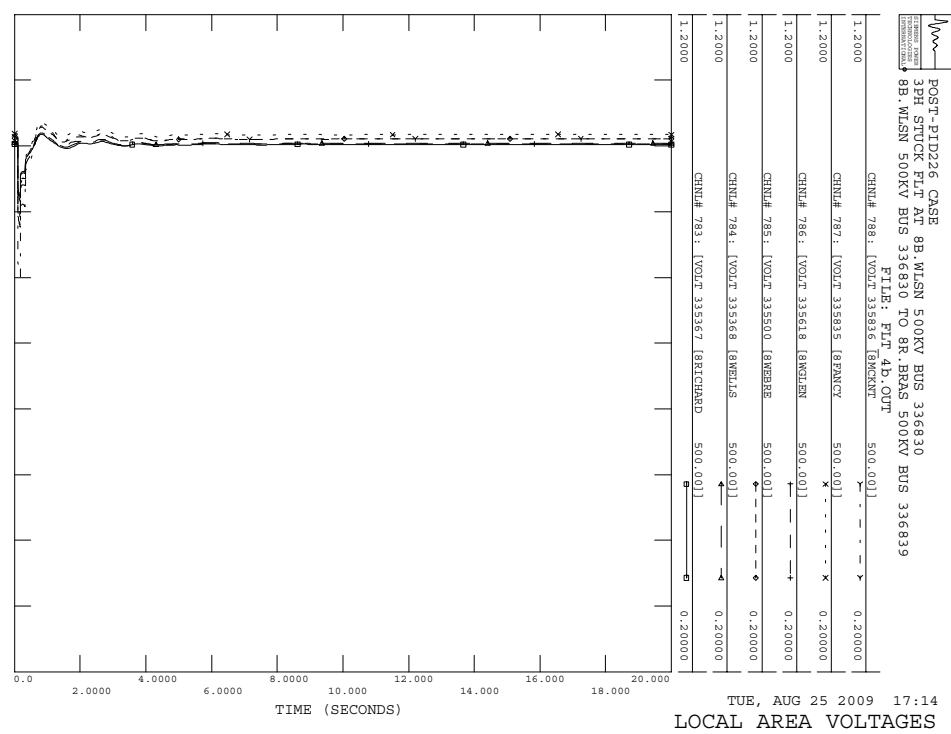


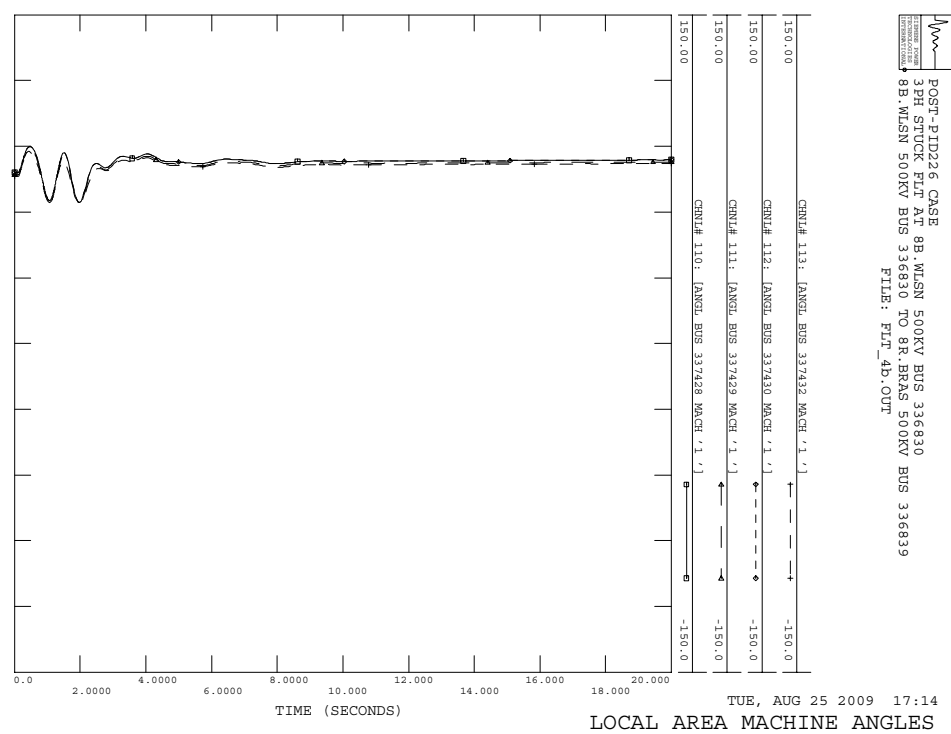
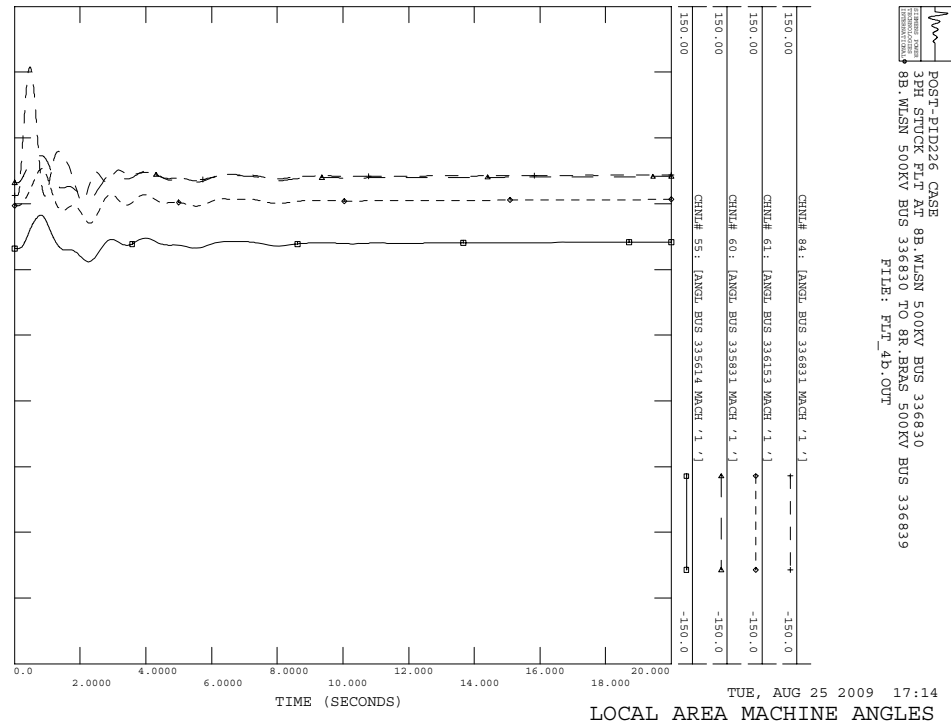
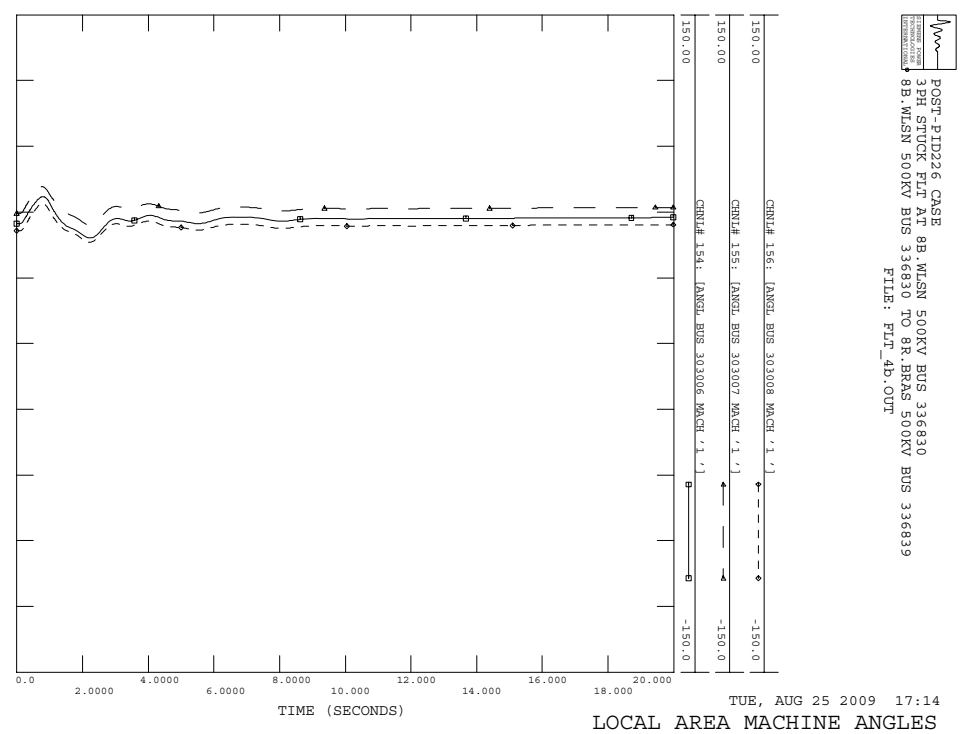
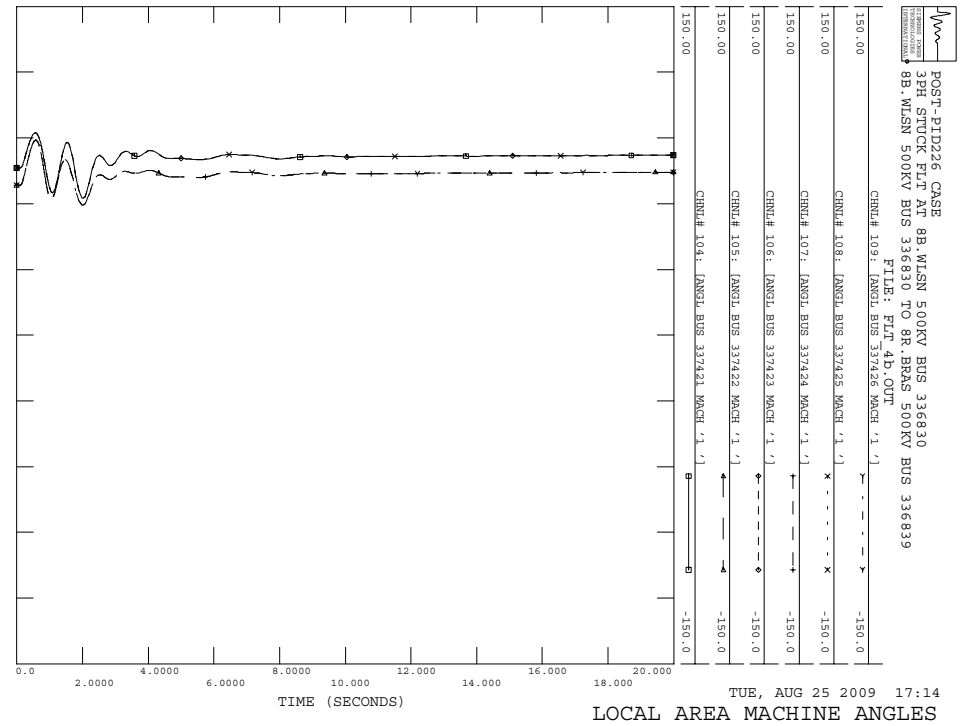
TUE, AUG 25 2009 17:14
 PID-226 PLOTS

C.21 FLT_4b

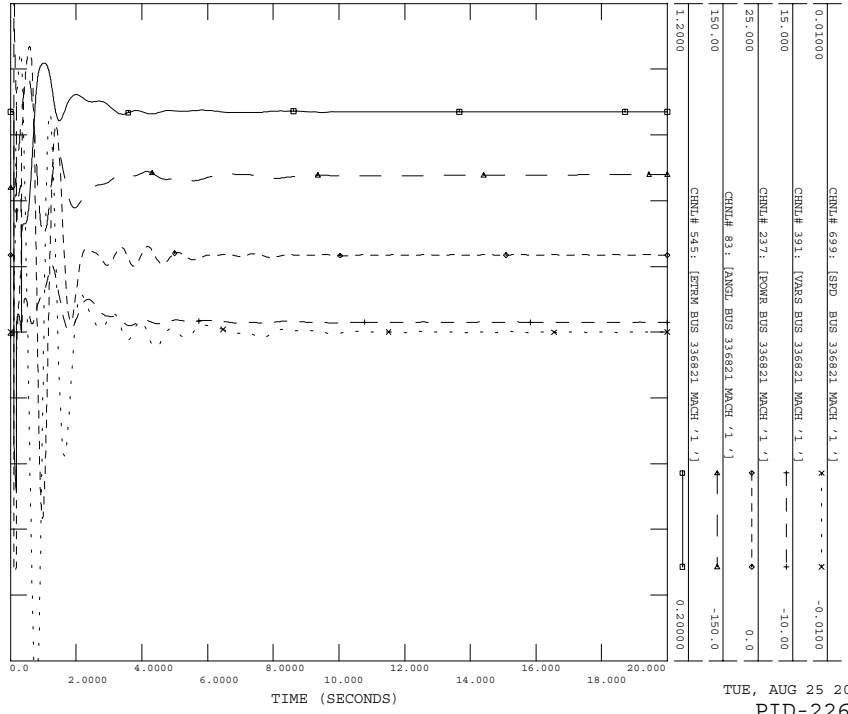
Stuck breaker fault on the 8B.WLSN (#336830) to 8R.BRAS (#336839) 500 kV line, near the 8B.WLSN.

- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839





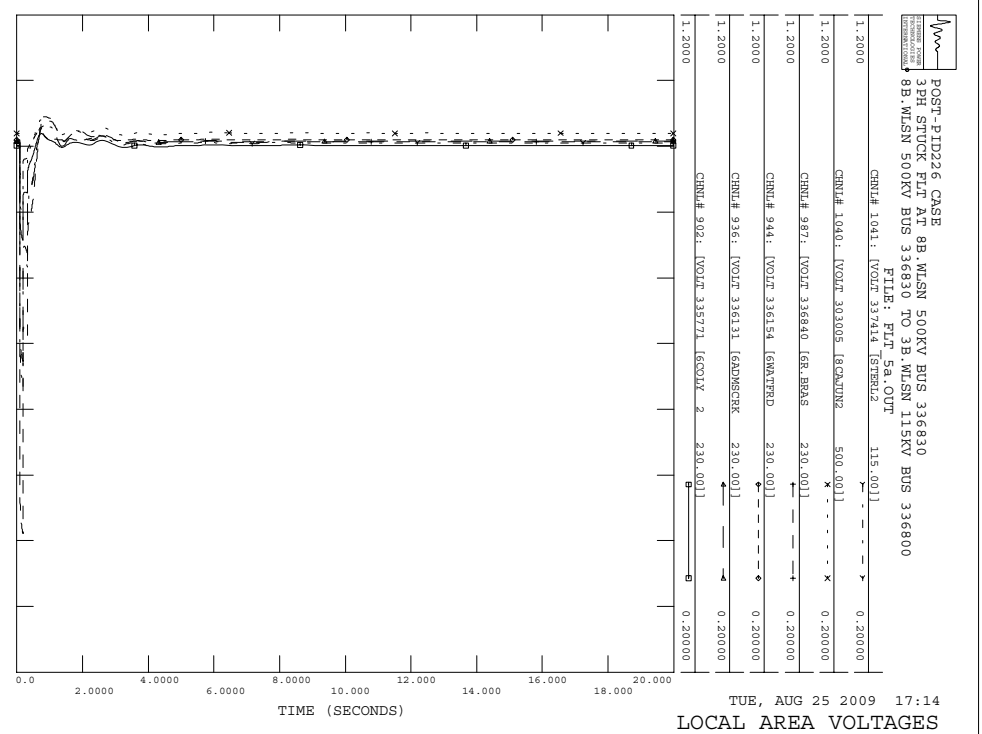
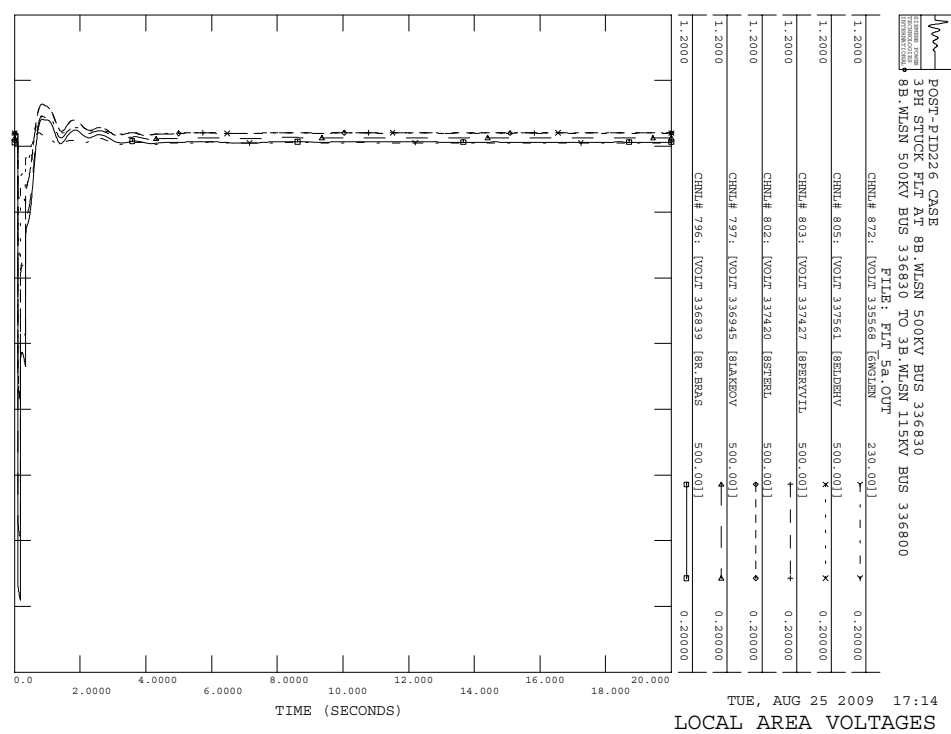
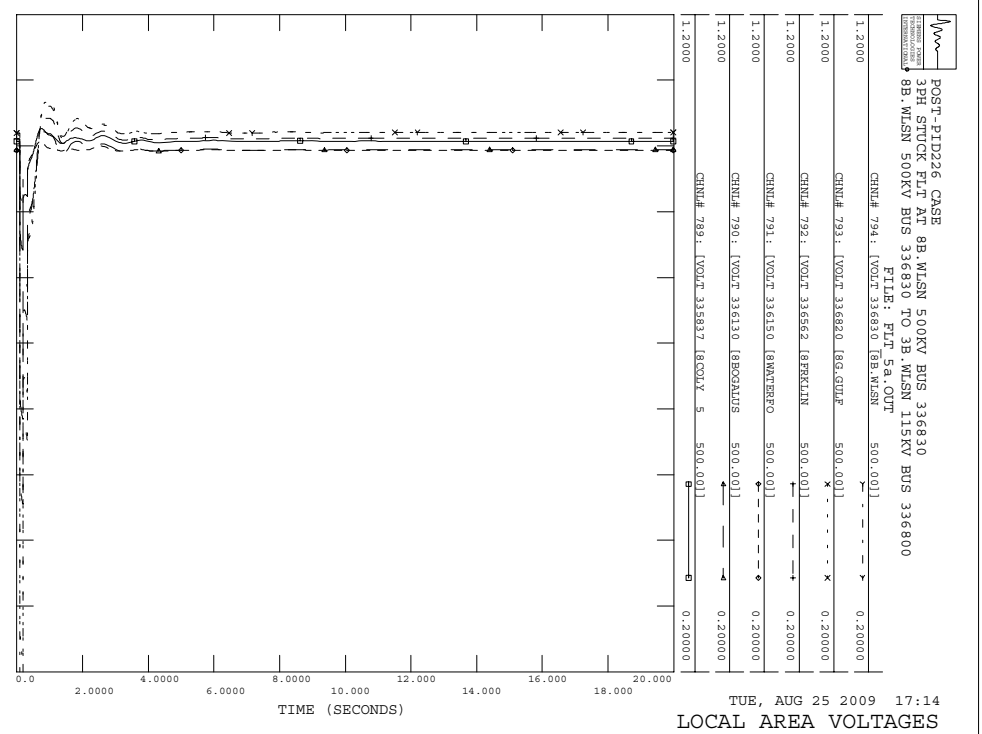
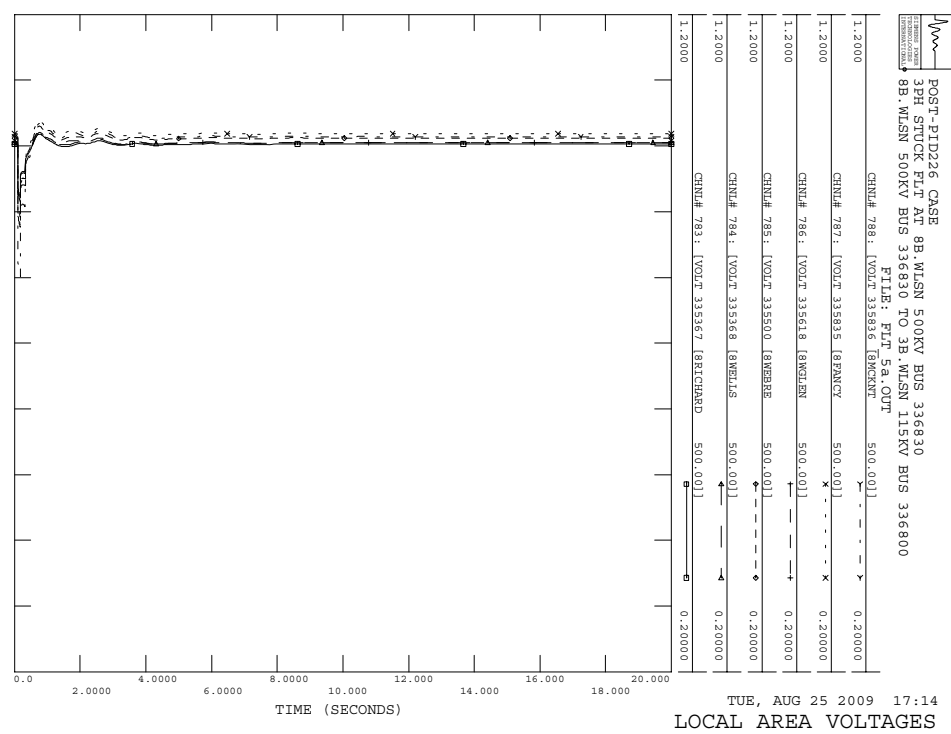
POST-PTD26 CASE
3PH STOCK FLT AT 88.7MISN 500KV BUS 336830
88.7MISN 500KV BUS 336830 TO BR.BRNS 500KV BUS 336839
FILE: FLT_4P.OUT

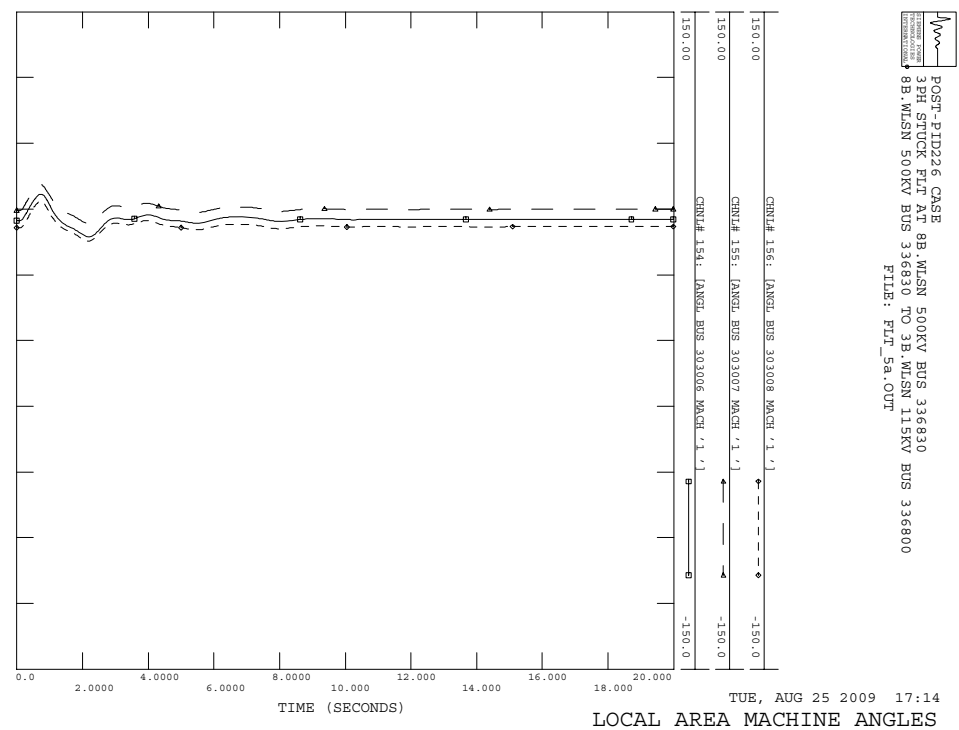
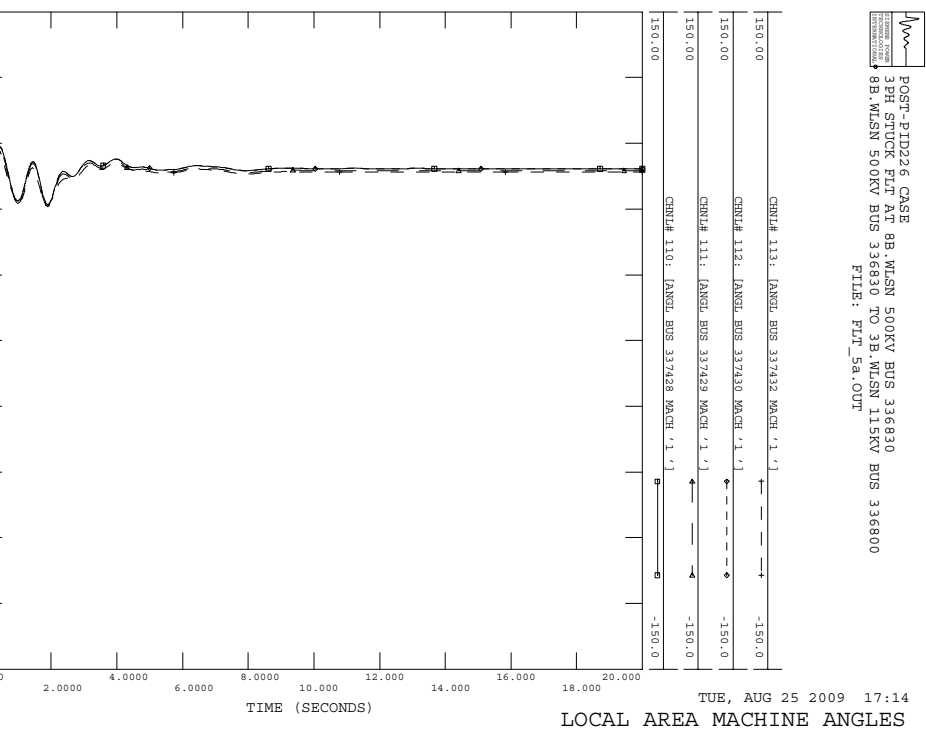
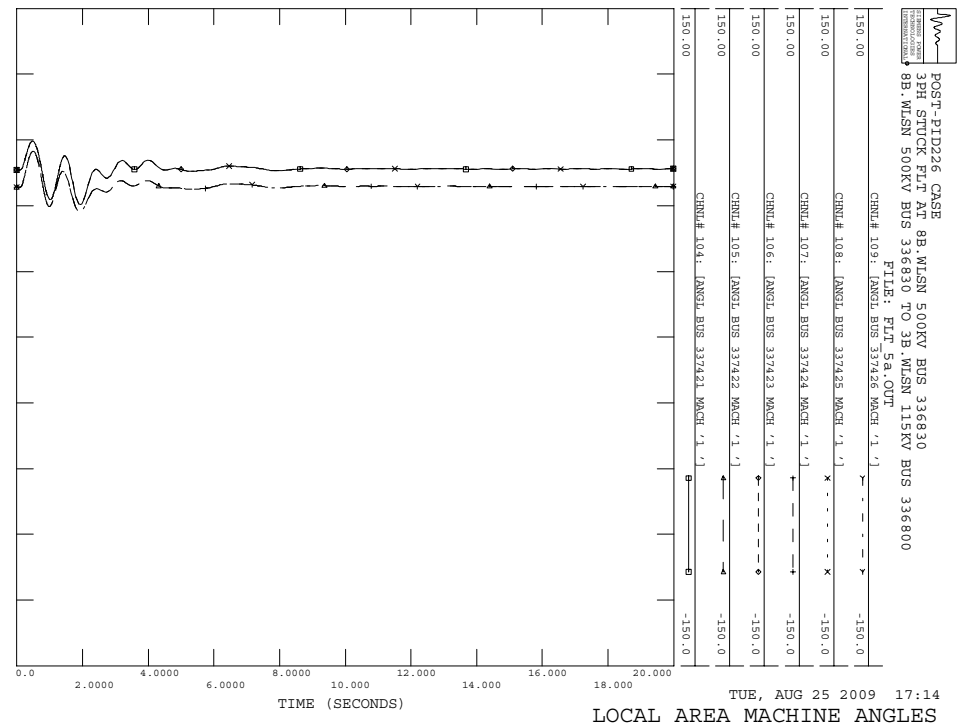
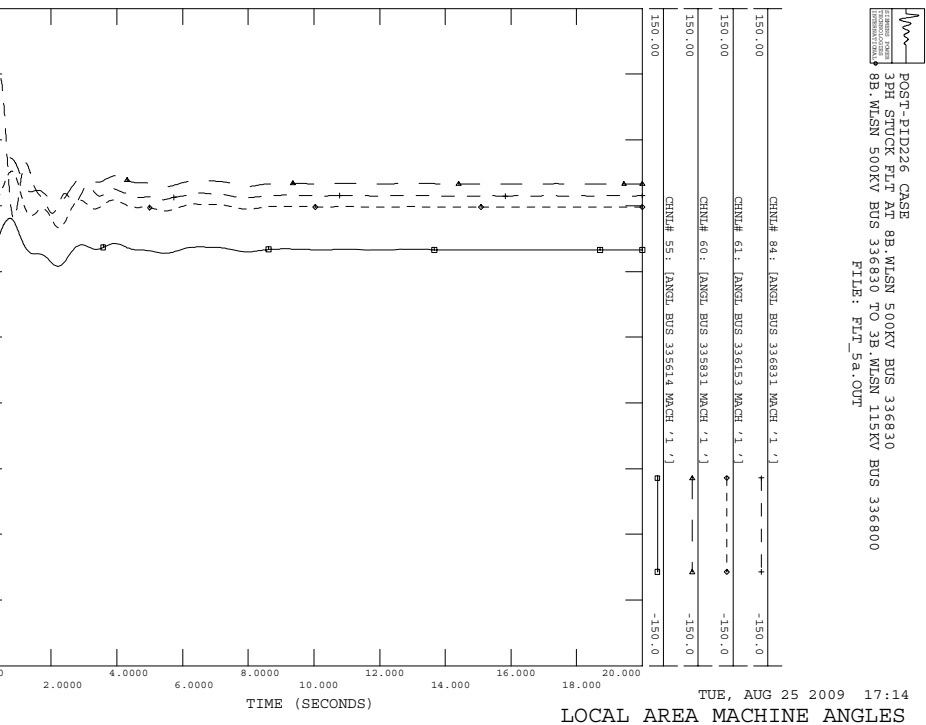


C.22 FLT_5a

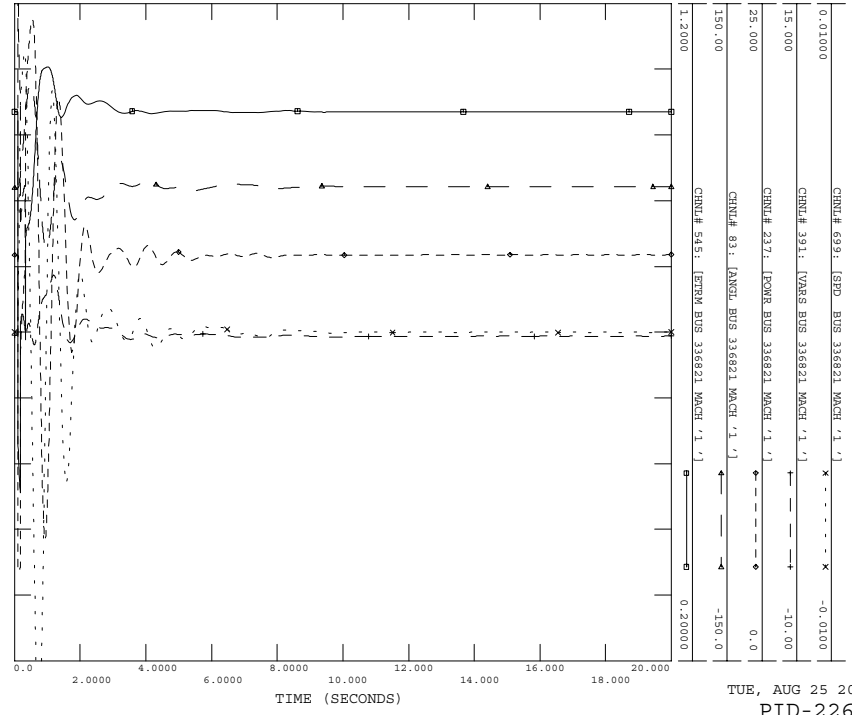
Stuck breaker fault on the 8B.WLSN (#336830) to 3B.WLSN (#336800) transformer, near the 8B.WLSN.

- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping transformer from 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800





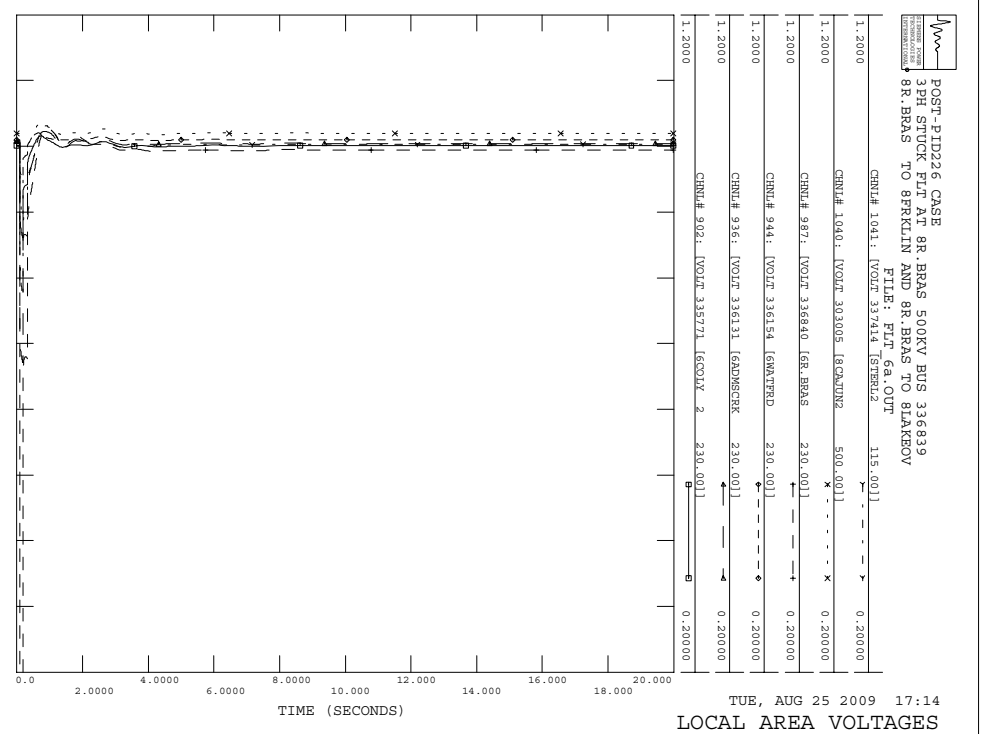
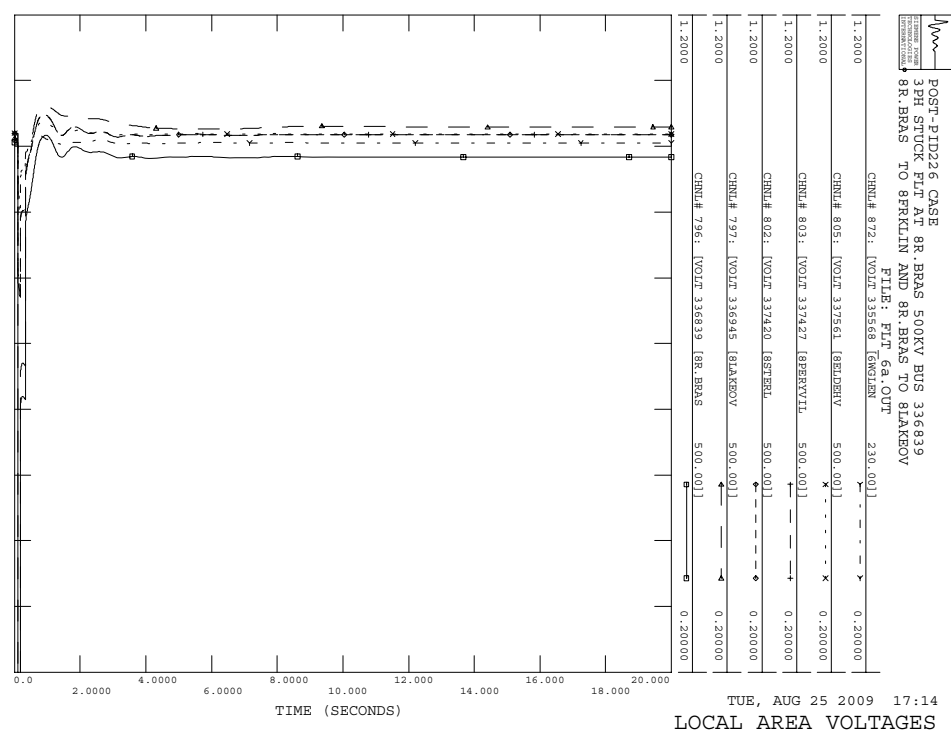
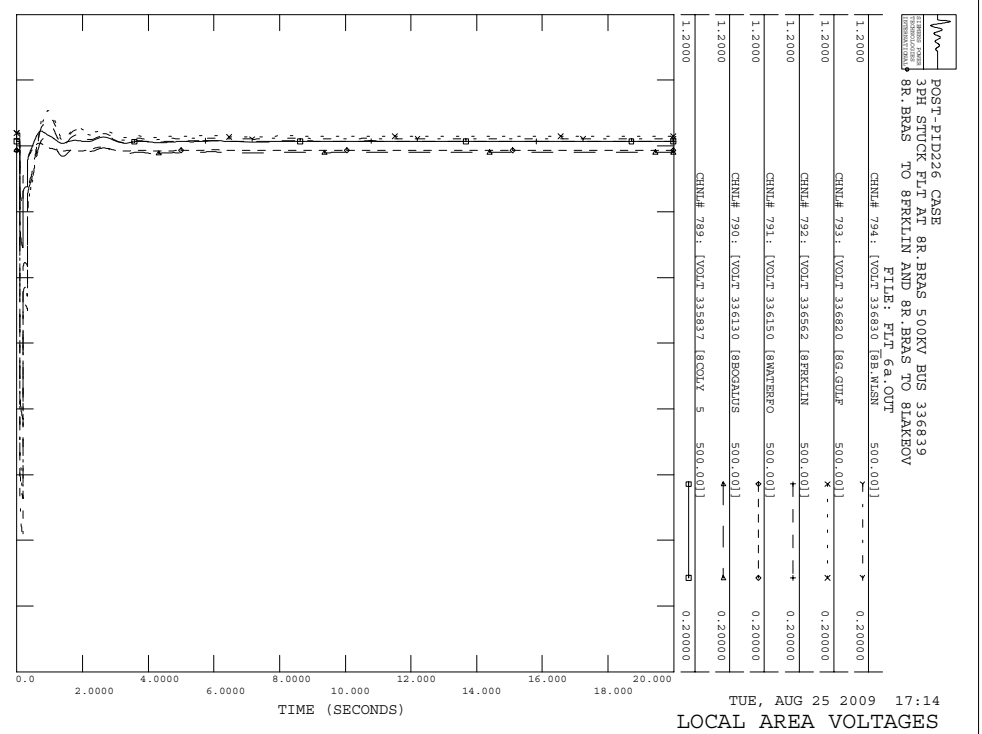
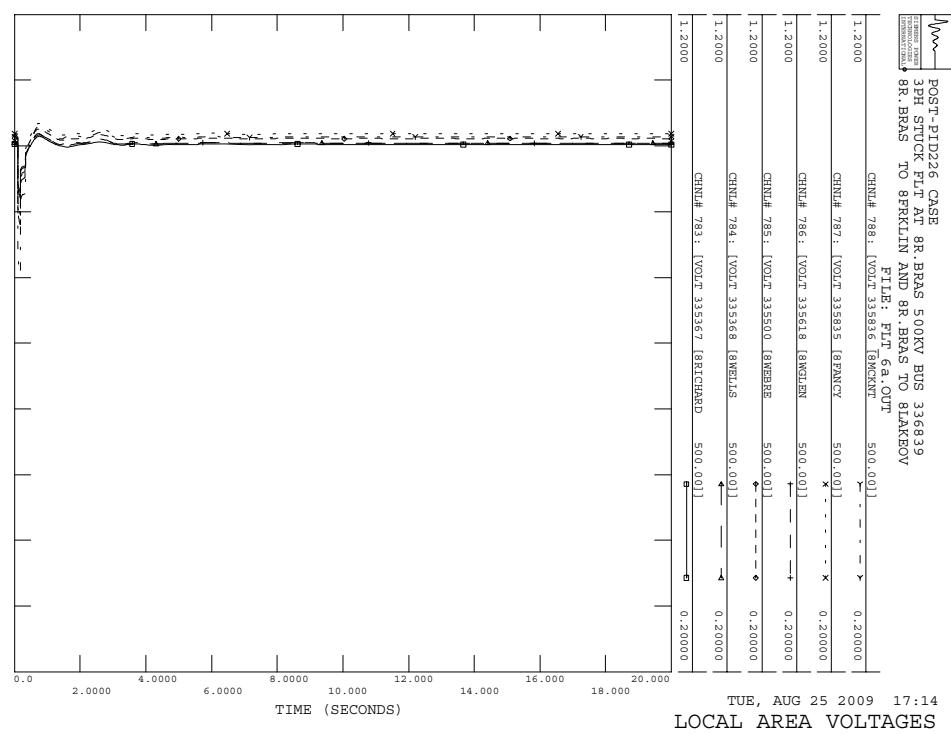
POST-PID226 CASE
 3PH STOCK FLT AT 88.7MISN 500KV BUS 336830
 88.7MISN 500KV BUS 336830 TO 3B.7MISN 115KV BUS 336800
 FILE: FLI_58.001

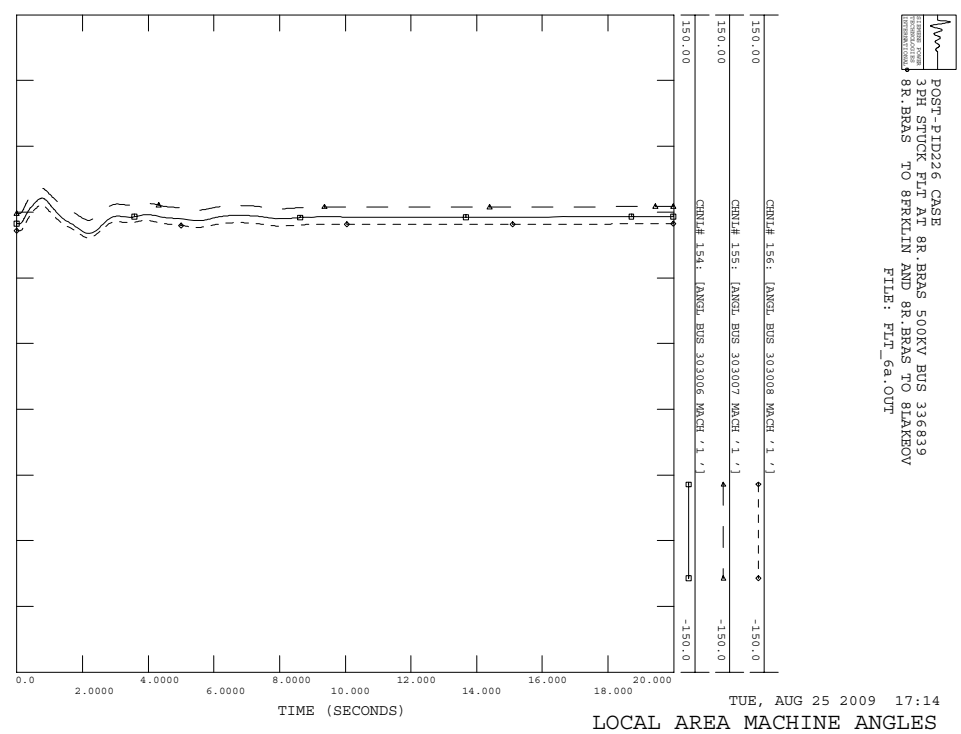
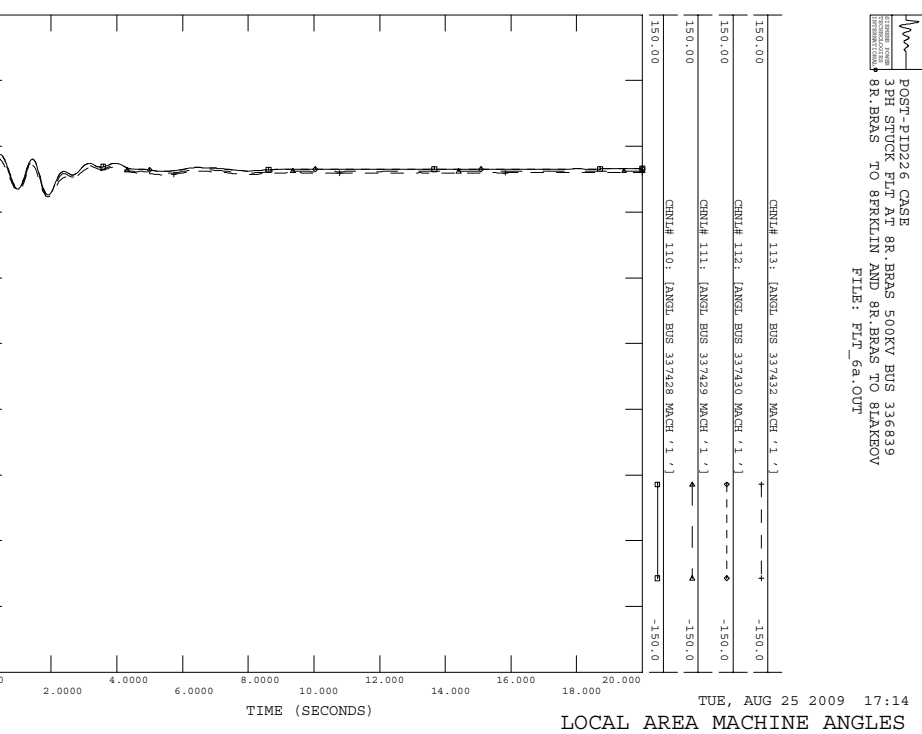
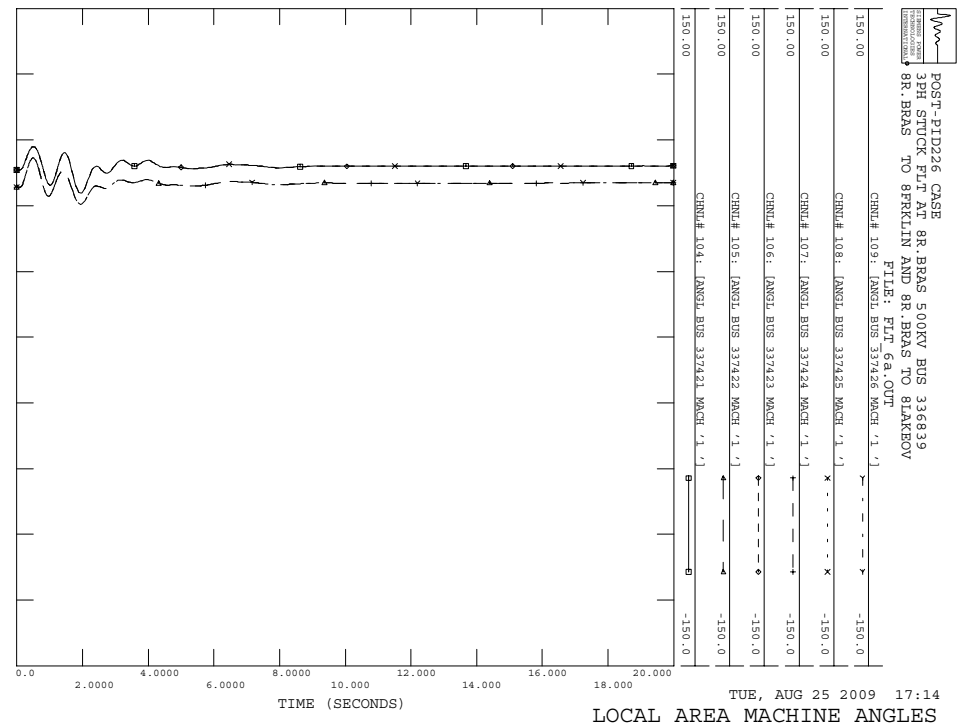
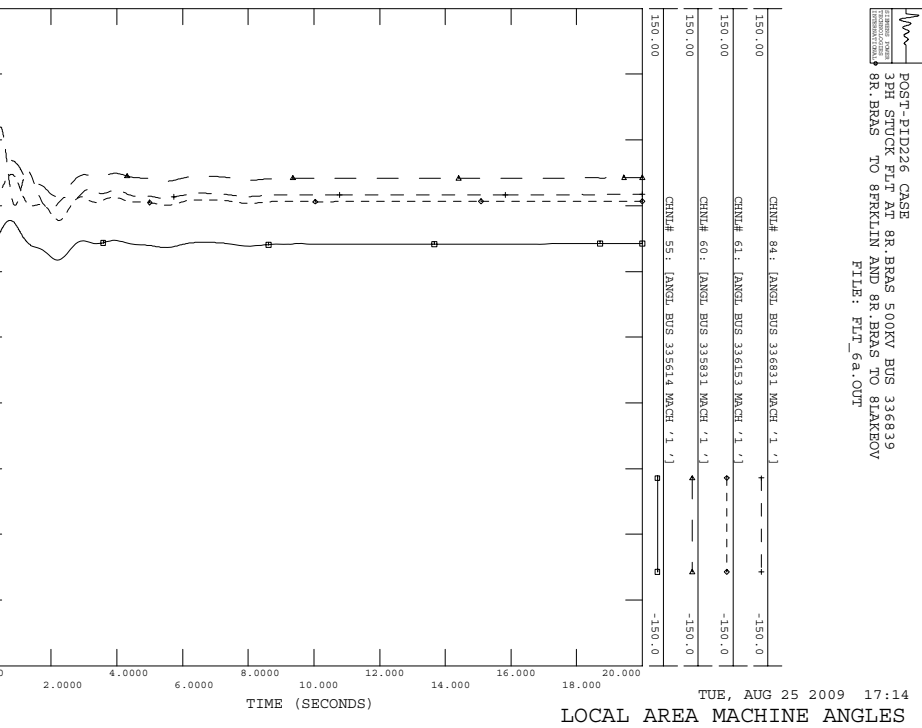


C.23 FLT_6a

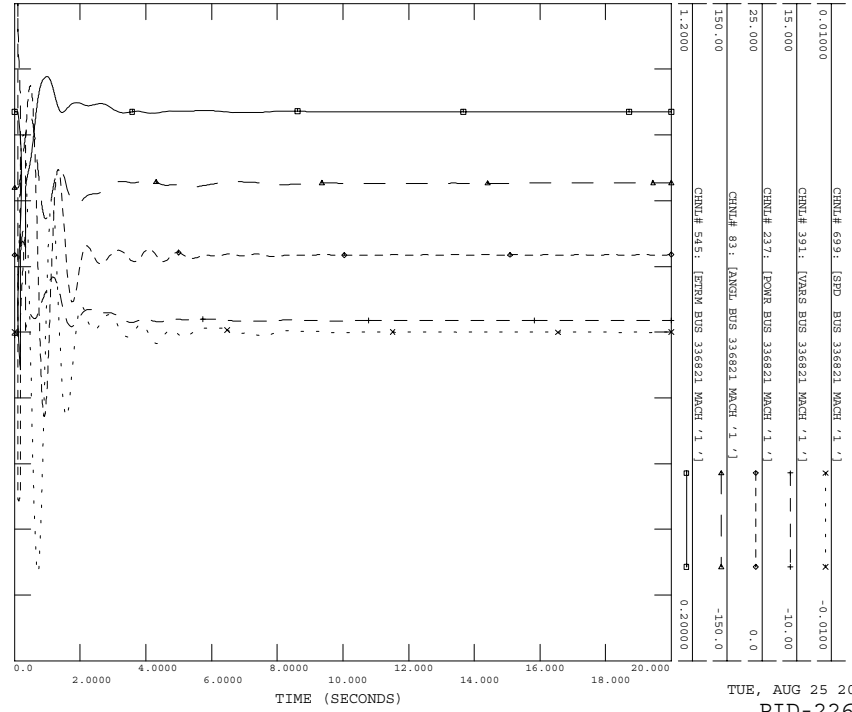
Stuck breaker fault on the 8R.BRAS (#336839) to 8FRKLIN (#336562) 500 kV line, near the 8R.BRAS.

- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 8LAKEOV





POST-PID226 CASE
 3PH STOCK FLT AT 8R BRAS 500V BUS 336839
 8R BRAS TO 8FRKLN AND 8R BRAS TO 8LAWBOV
 FILE: FLI_68.001

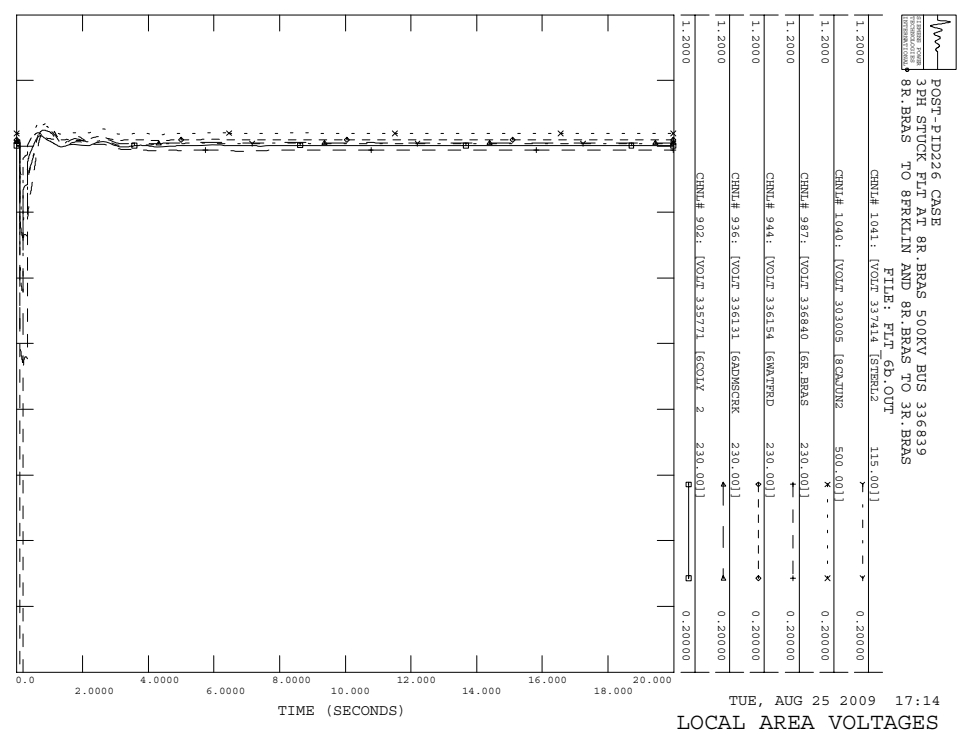
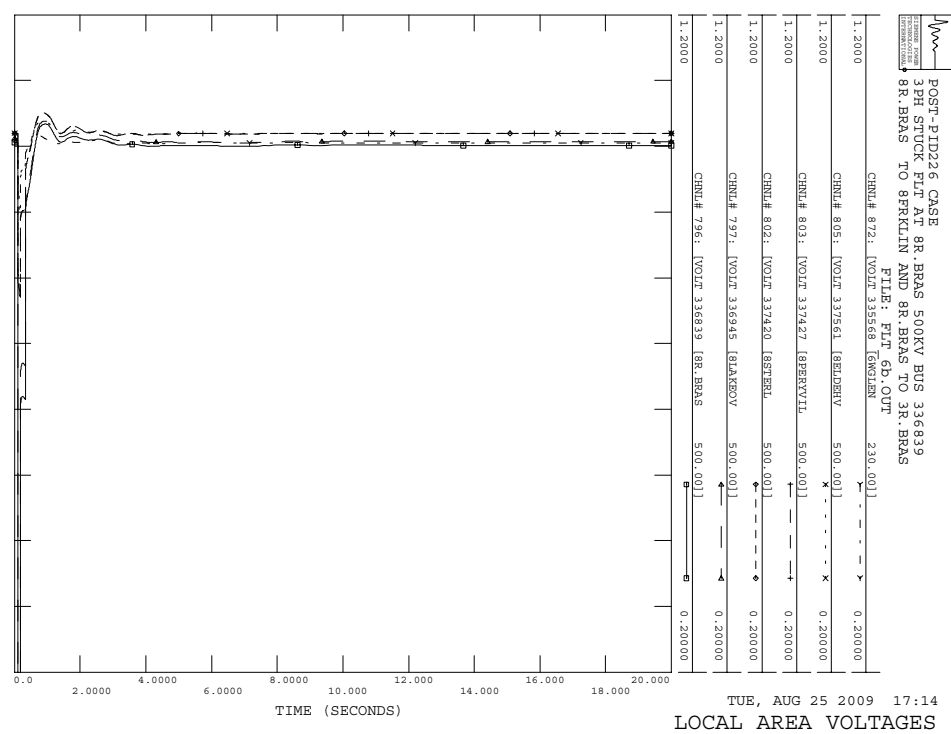
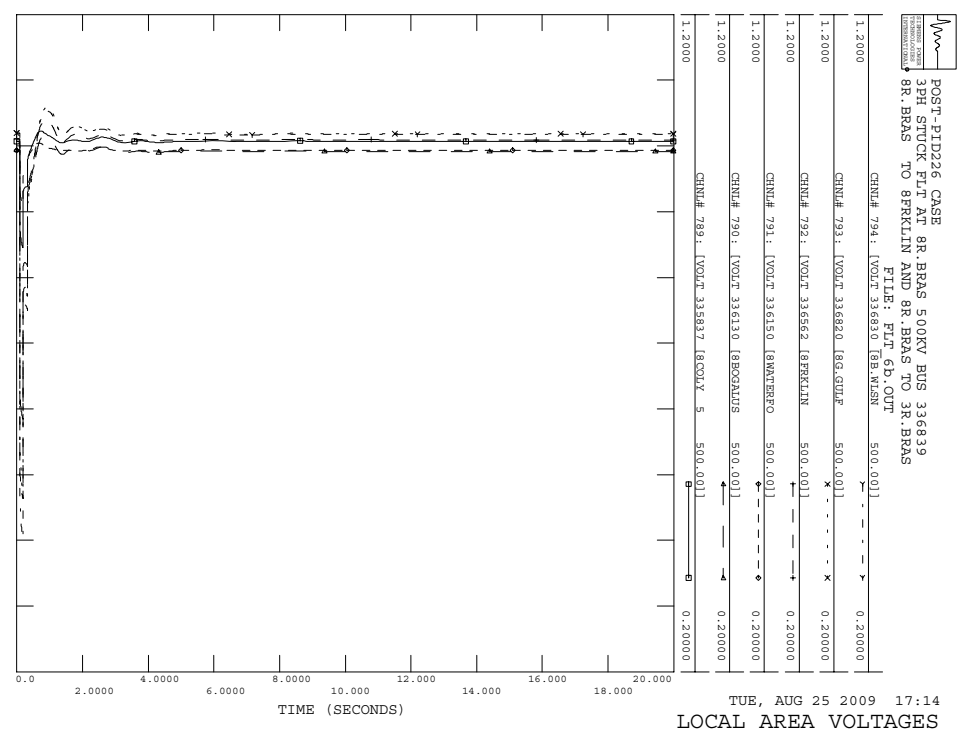
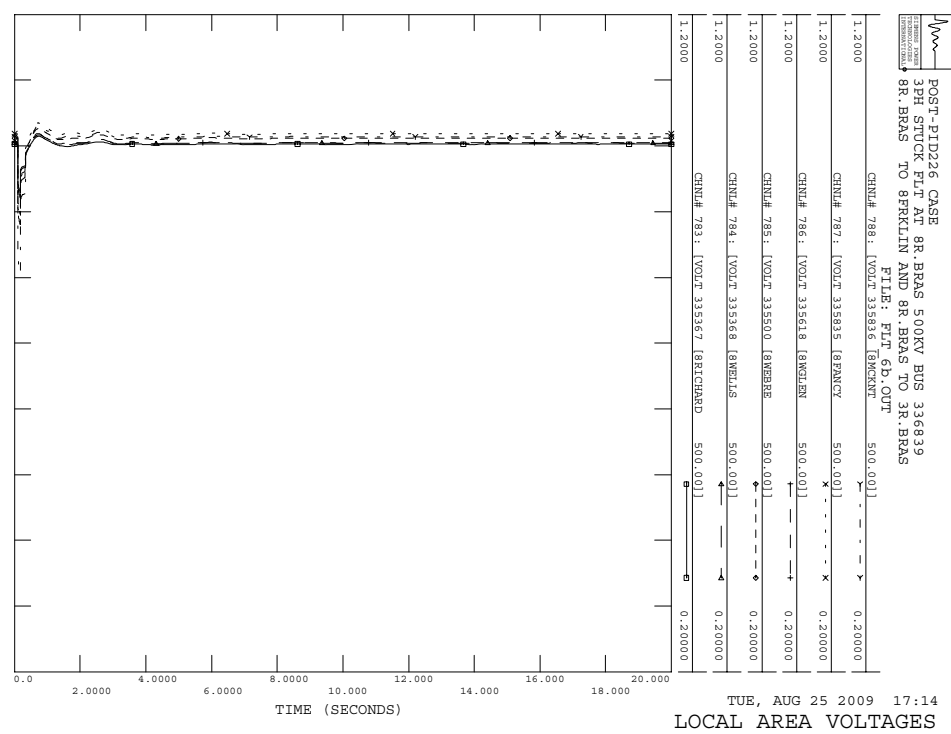


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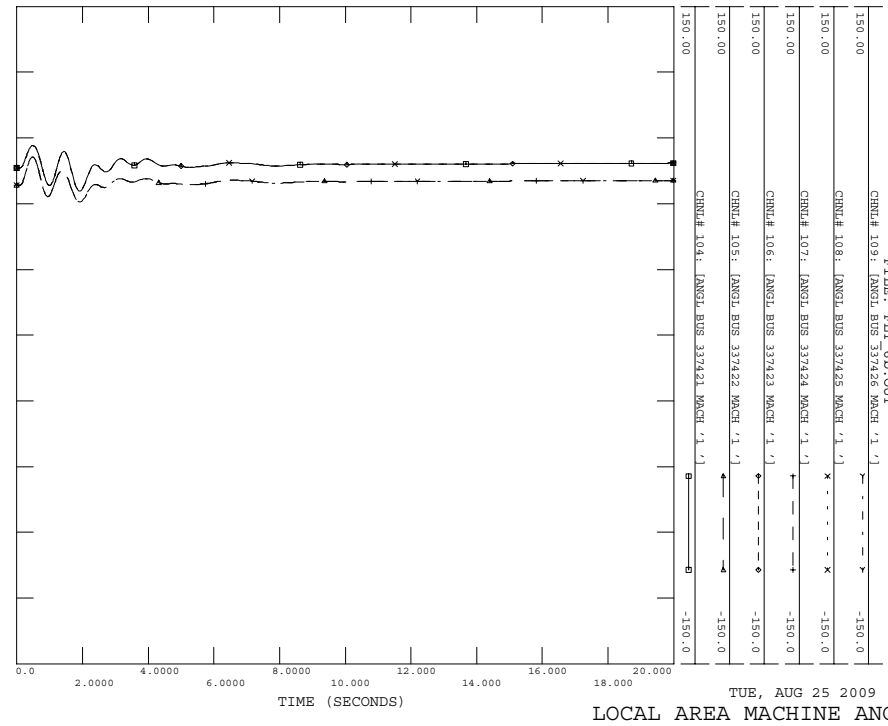
C.24 FLT_6b

Stuck breaker fault on the 8R.BRAS (#336839) to 8FRKLIN (#336562) 500 kV line, near the 8R.BRAS.

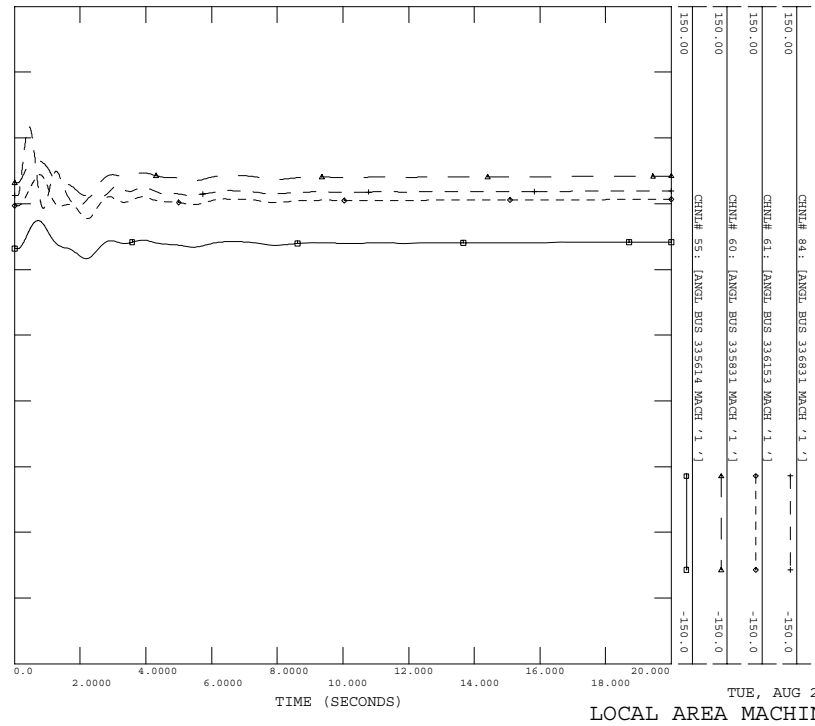
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS



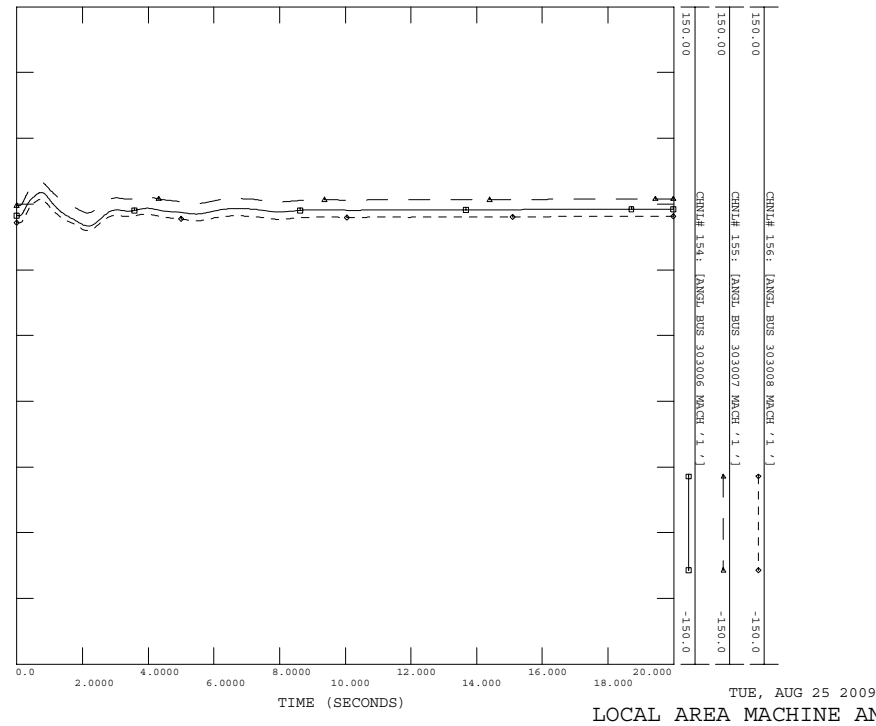
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8R.FKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



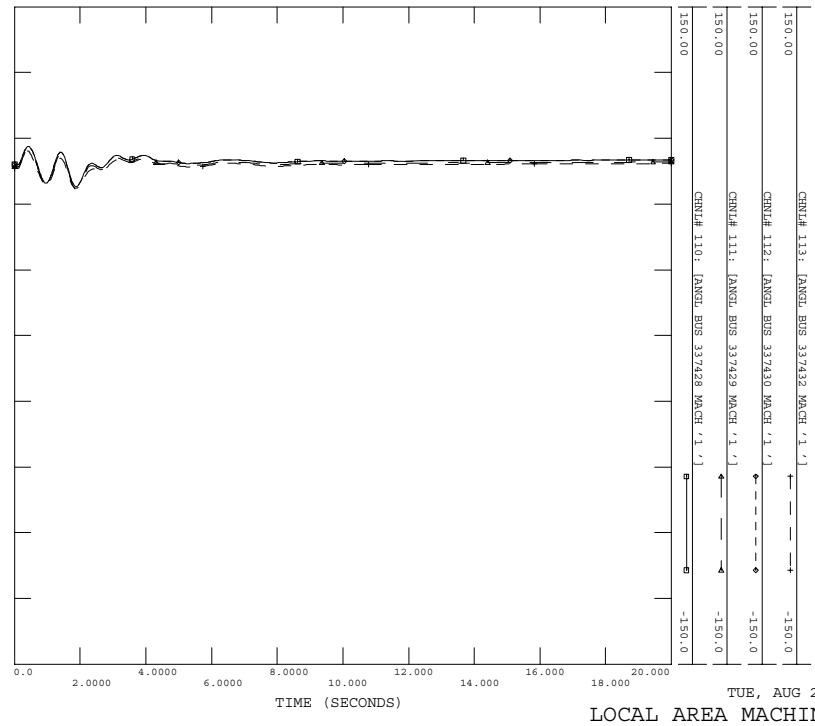
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8R.FKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8R.FKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8R.FKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



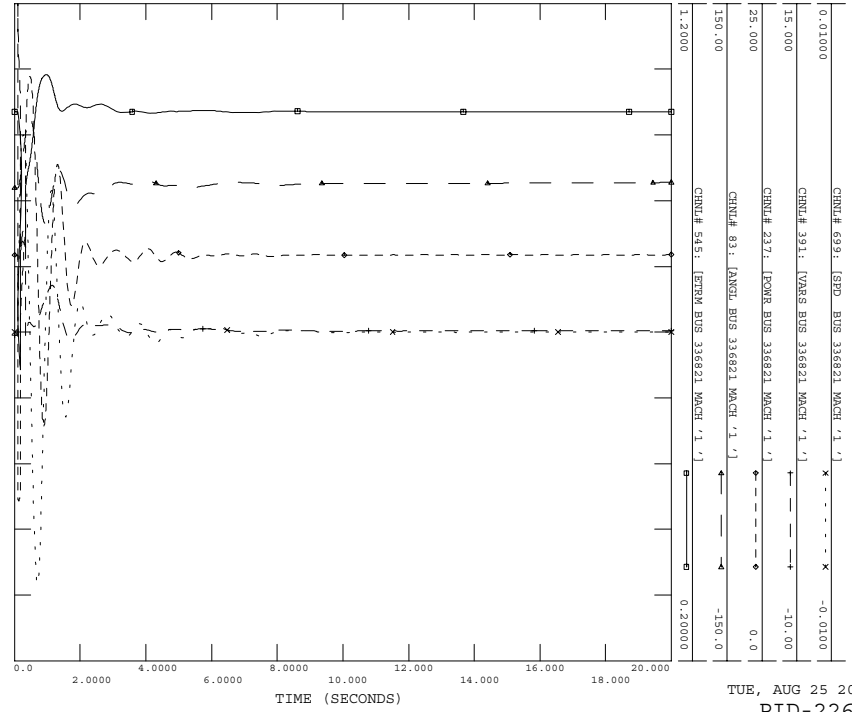
TUE, AUG 25 2009 17:14
 LOCAL AREA MACHINE ANGLES

TUE, AUG 25 2009 17:14
 LOCAL AREA MACHINE ANGLES

TUE, AUG 25 2009 17:14
 LOCAL AREA MACHINE ANGLES

TUE, AUG 25 2009 17:14
 LOCAL AREA MACHINE ANGLES

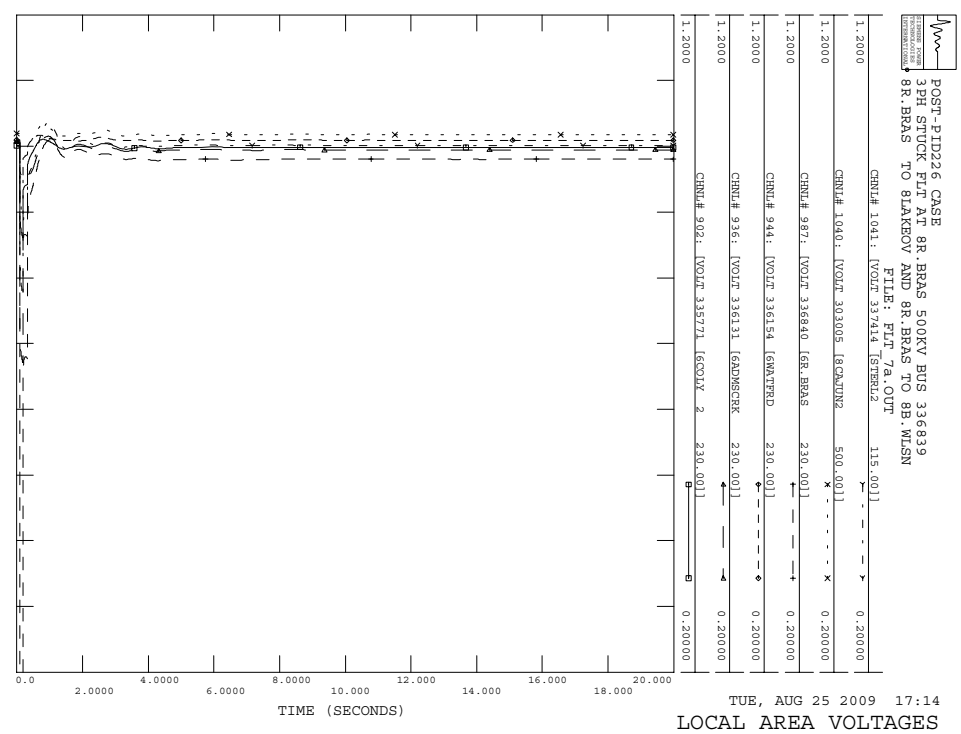
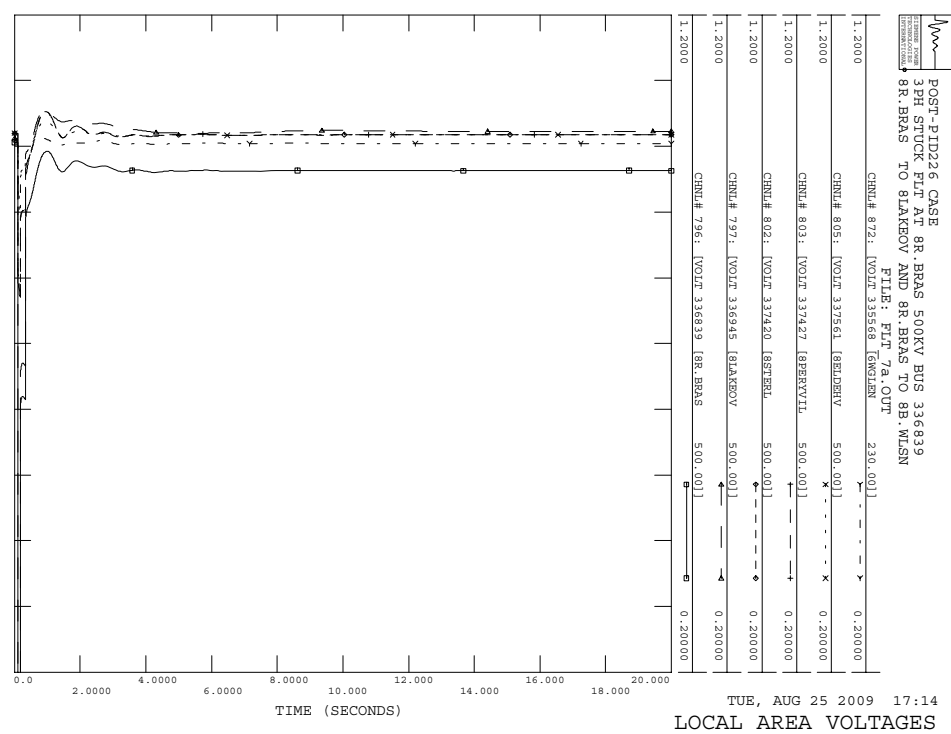
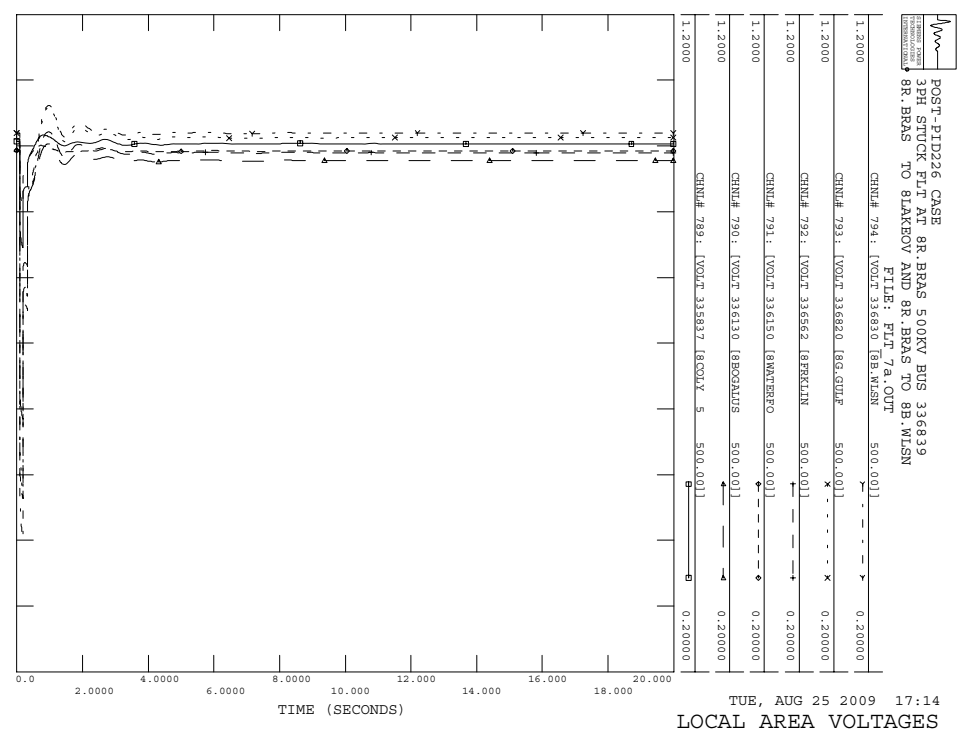
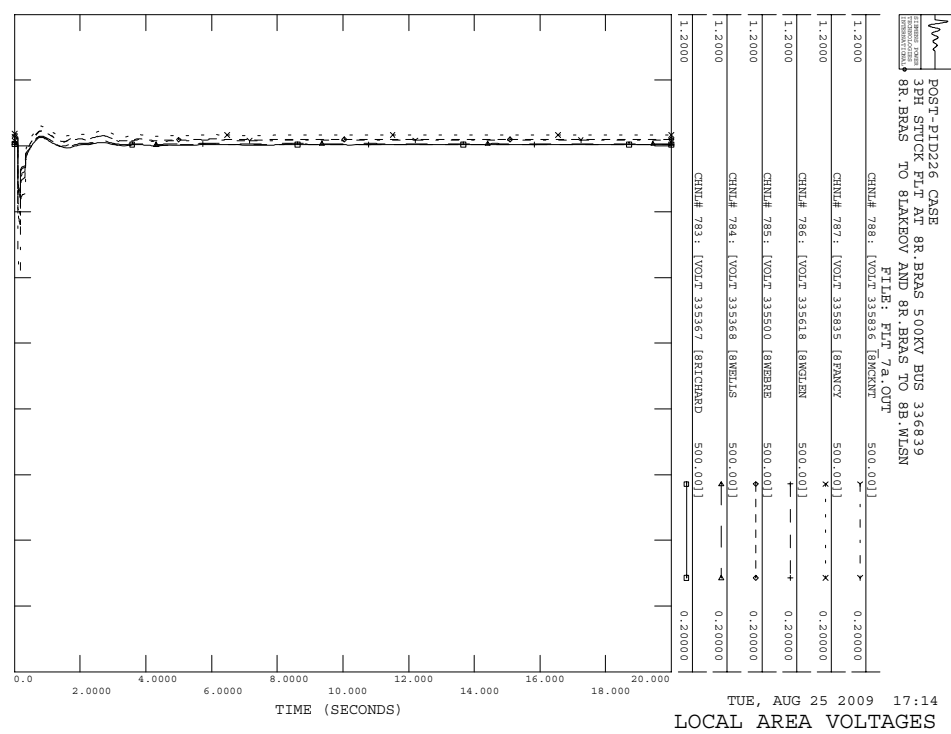
POST-PID226 CASE
 3PH STOCK FLT AT 8R BRAS 500KV BUS 336839
 8R BRAS TO 8FRKLIN AND 8R BRAS TO 3R BRAS
 FILE: FLI_65.001



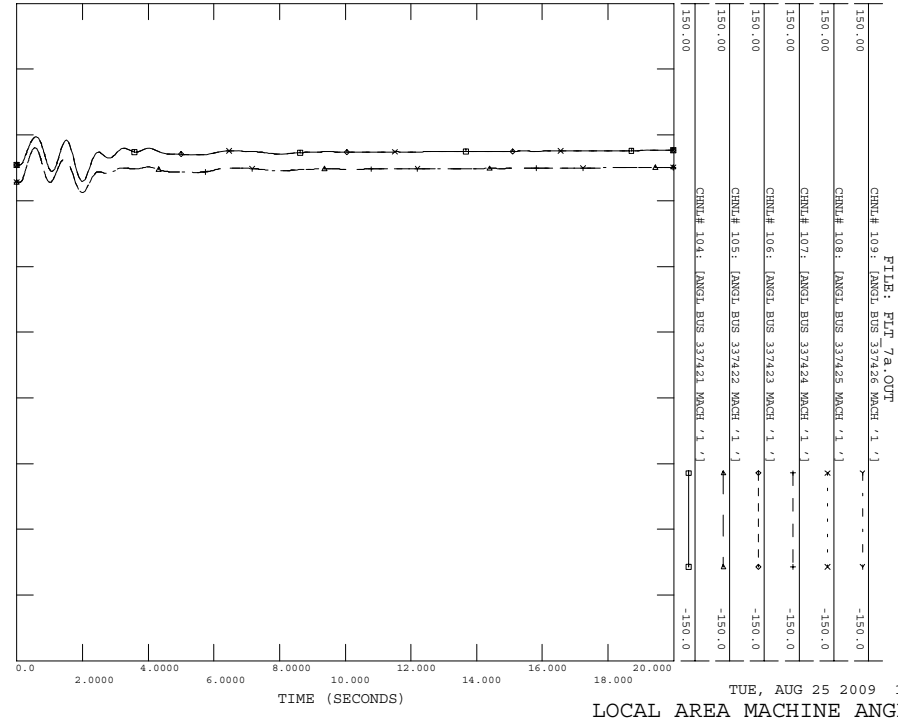
C.25 FLT_7a

Stuck breaker fault on the 8R.BRAS (#336839) to 8LAKEOV (#336945) 500 kV line, near the 8R.BRAS.

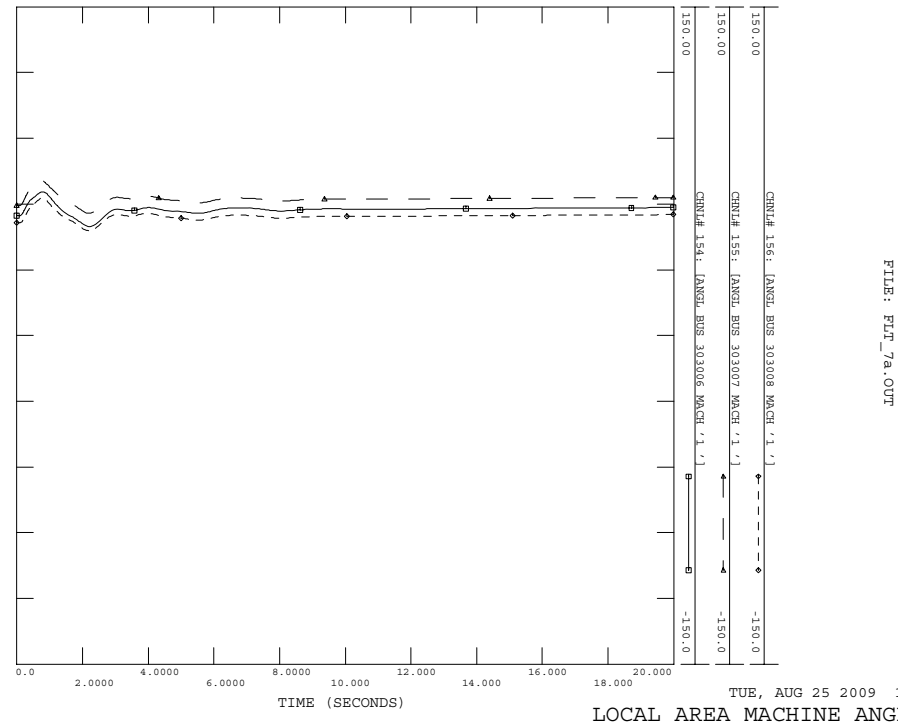
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8LAKEOV AND 8R.BRAS TO 8B.WLSN



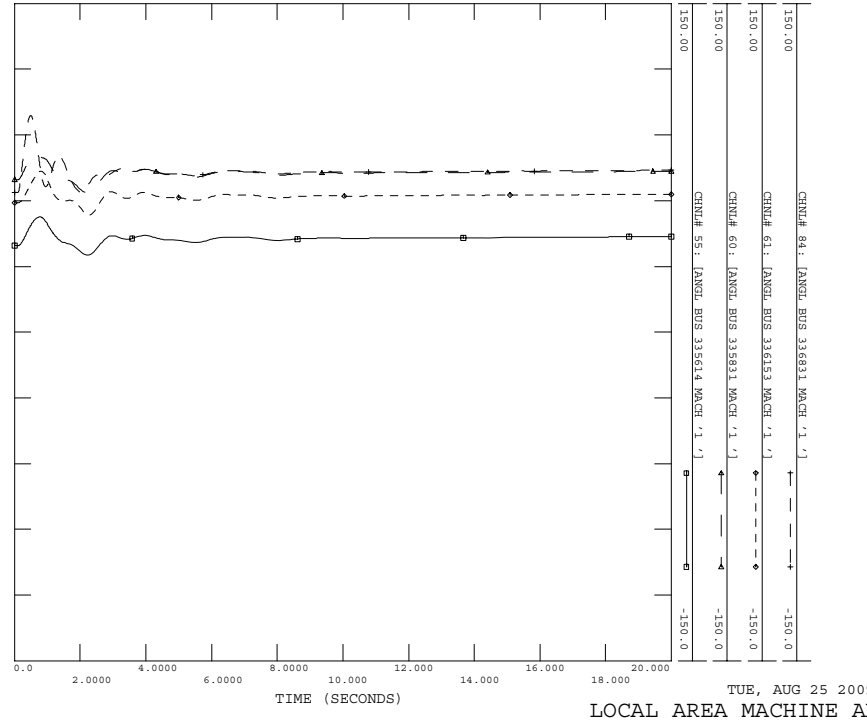
POST-PTD226 CASE
3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8B.WLSN
FILE: FLT_7A.OUT



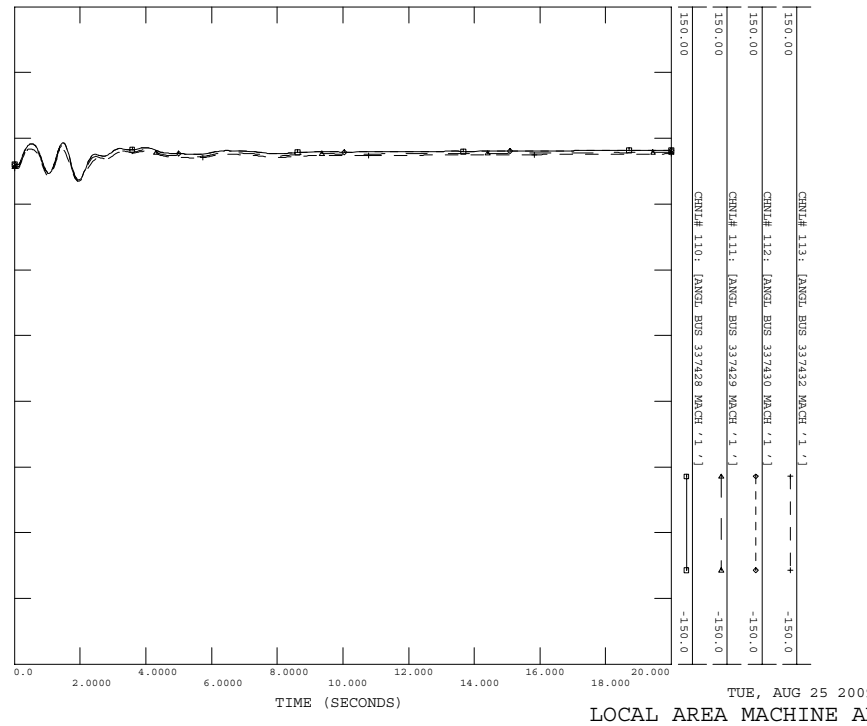
POST-PTD226 CASE
3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8B.WLSN
FILE: FLT_7A.OUT



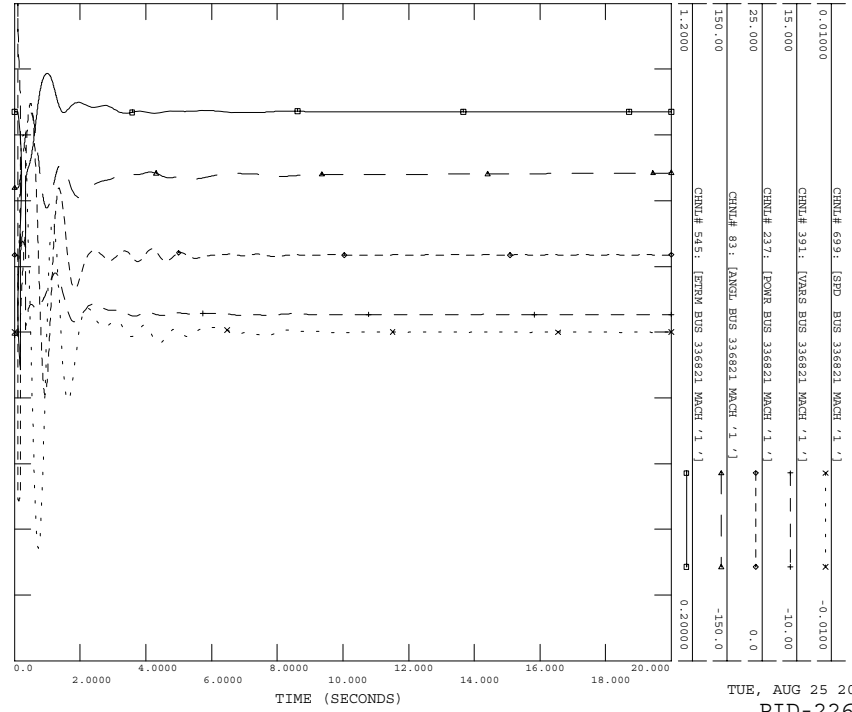
POST-PTD226 CASE
3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8B.WLSN
FILE: FLT_7A.OUT



POST-PTD226 CASE
3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8B.WLSN
FILE: FLT_7A.OUT



POST-PID226 CASE
 3PH STOCK FLT AT 8R BRAS 500VY BUS 336839
 8R BRAS TO BLANKEOV AND 8R BRAS TO 8B.WLSN
 FILE: FLT_7A.001

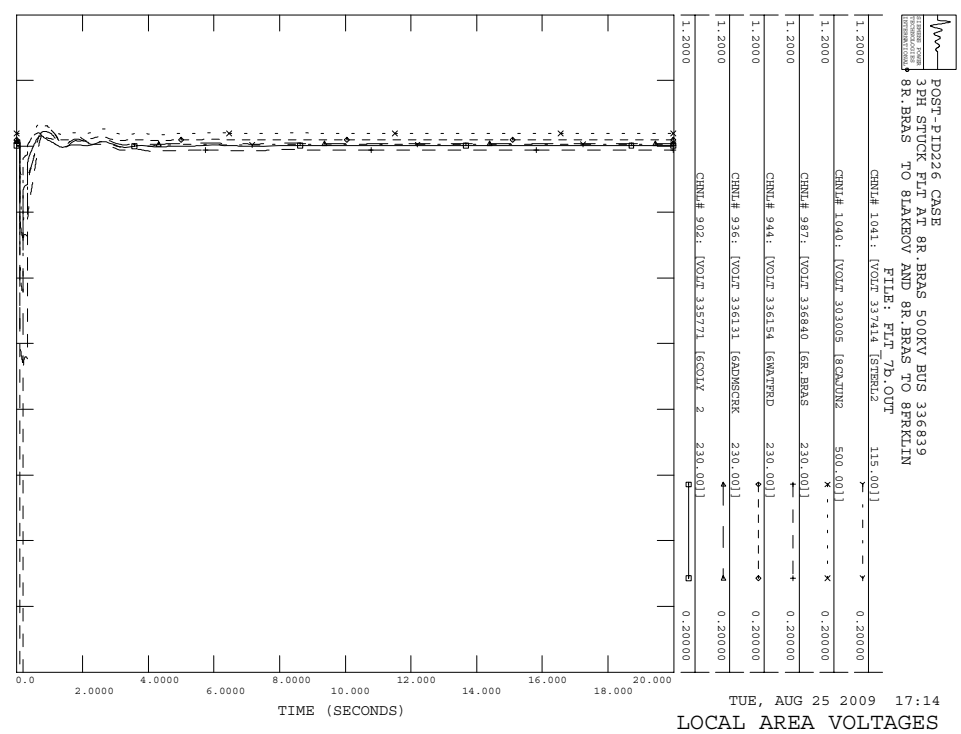
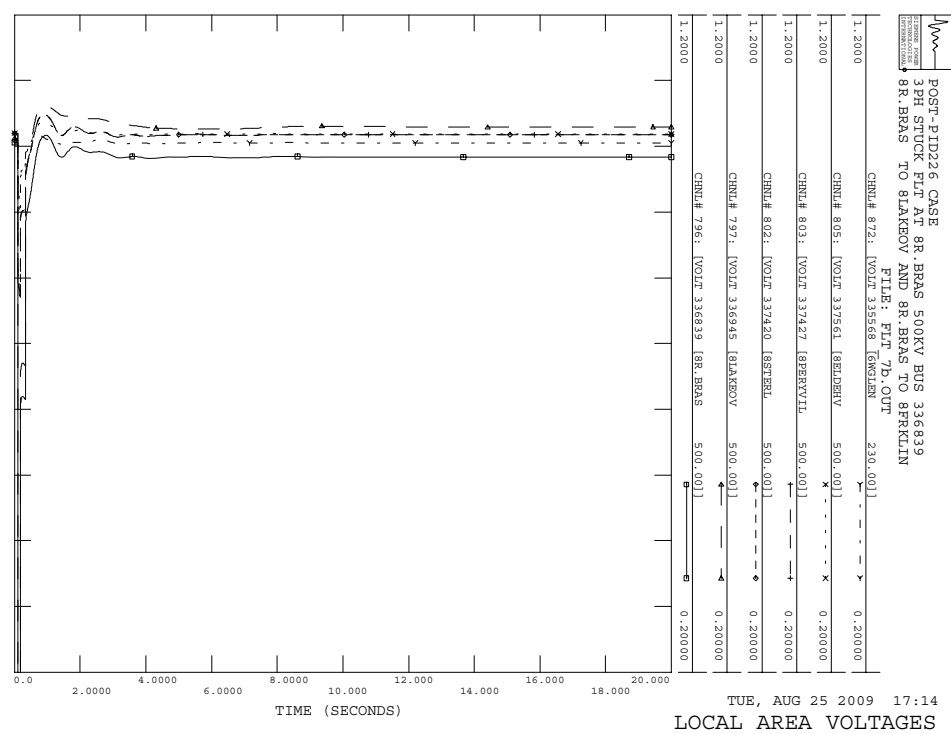
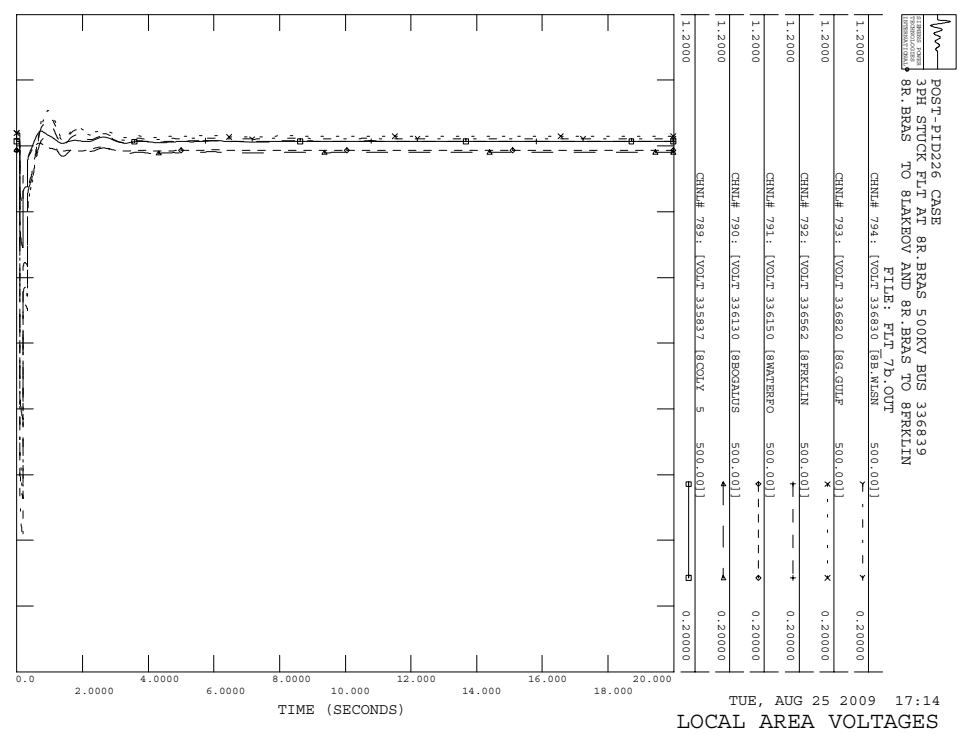
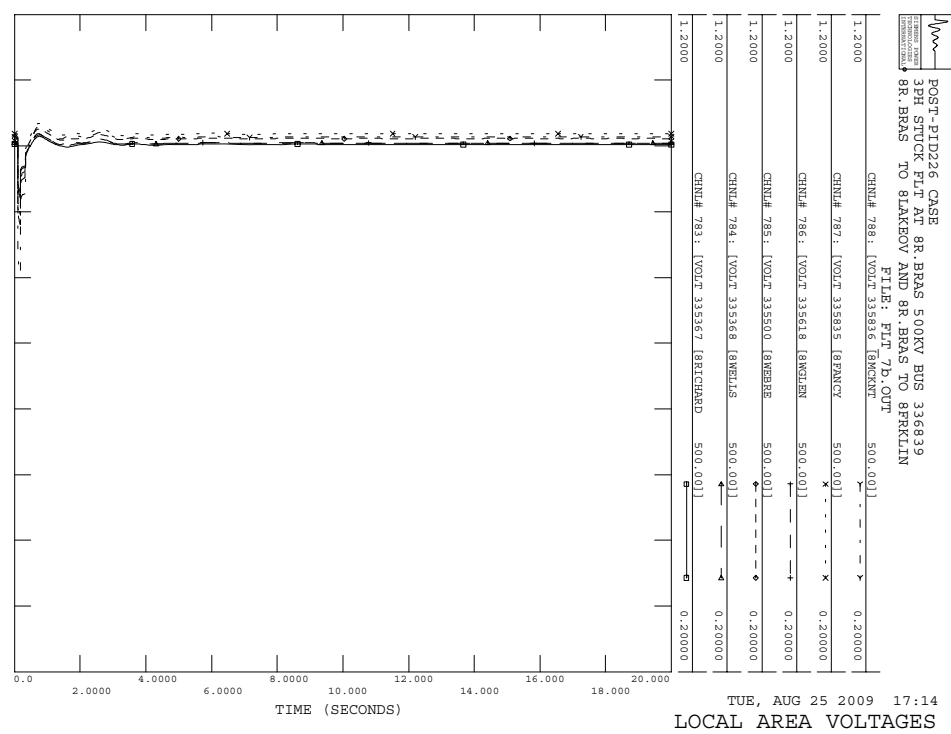


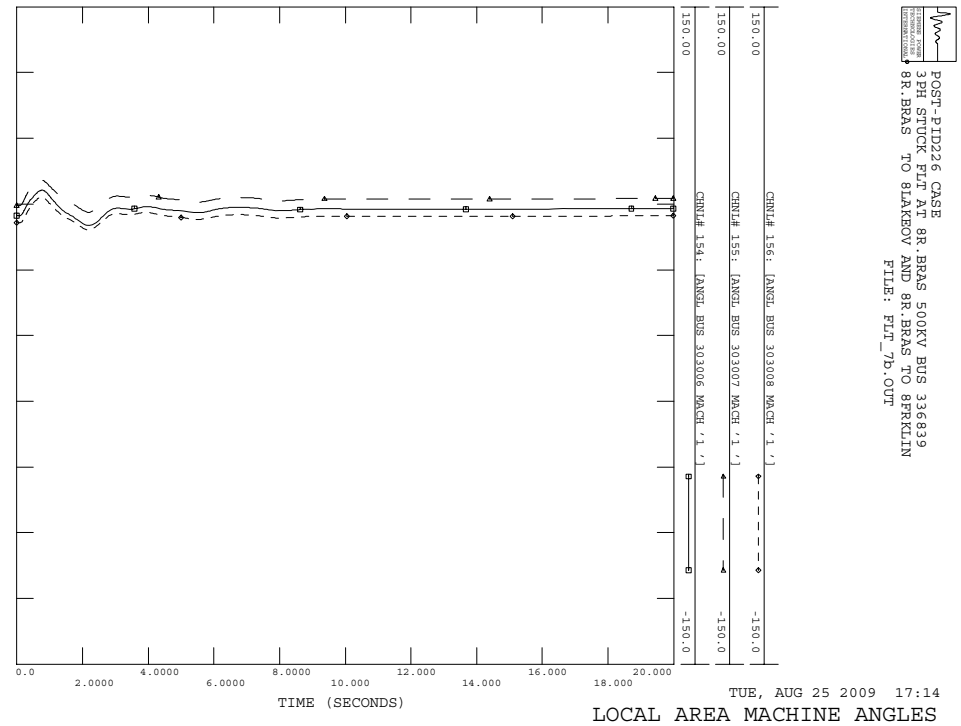
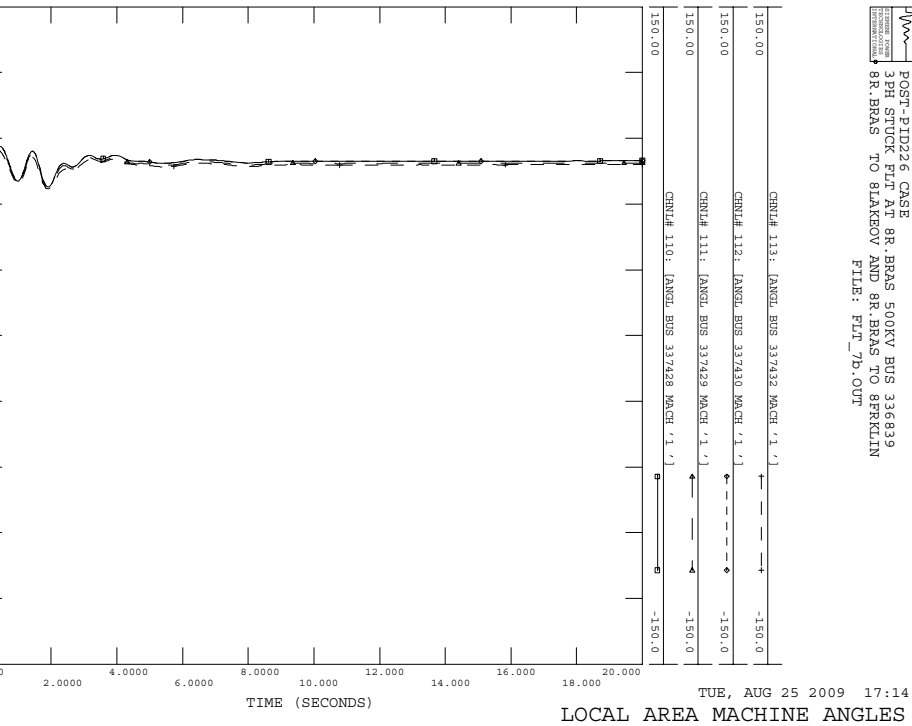
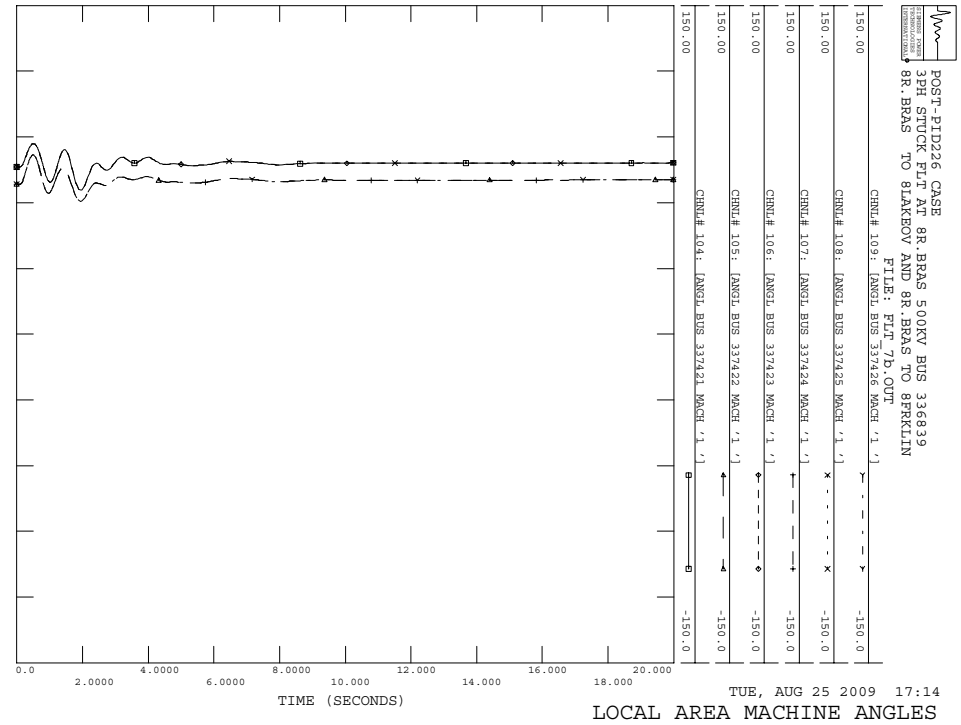
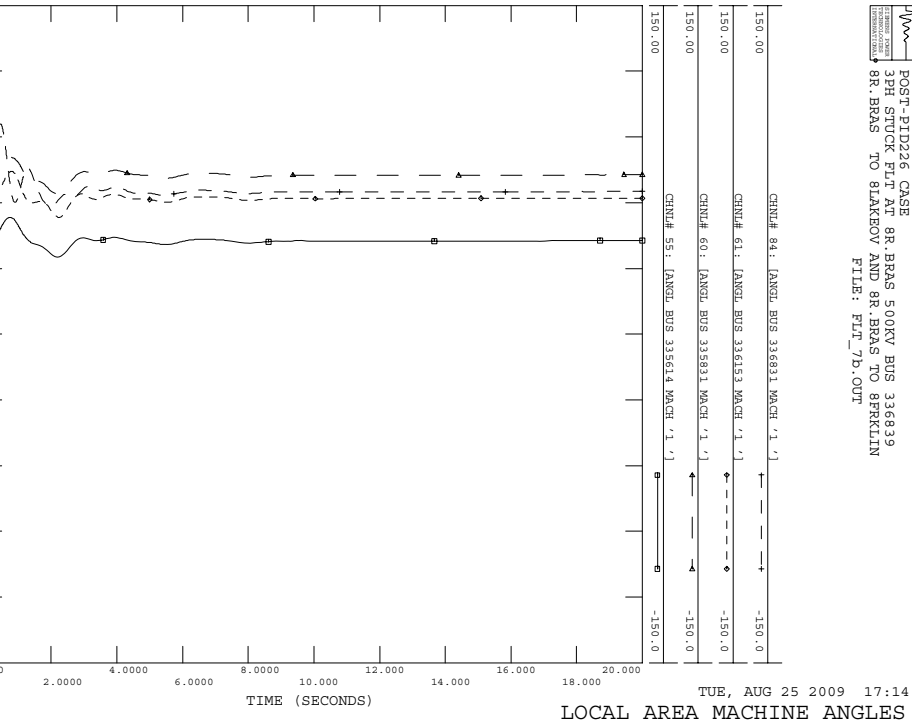
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C.26 FLT_7b

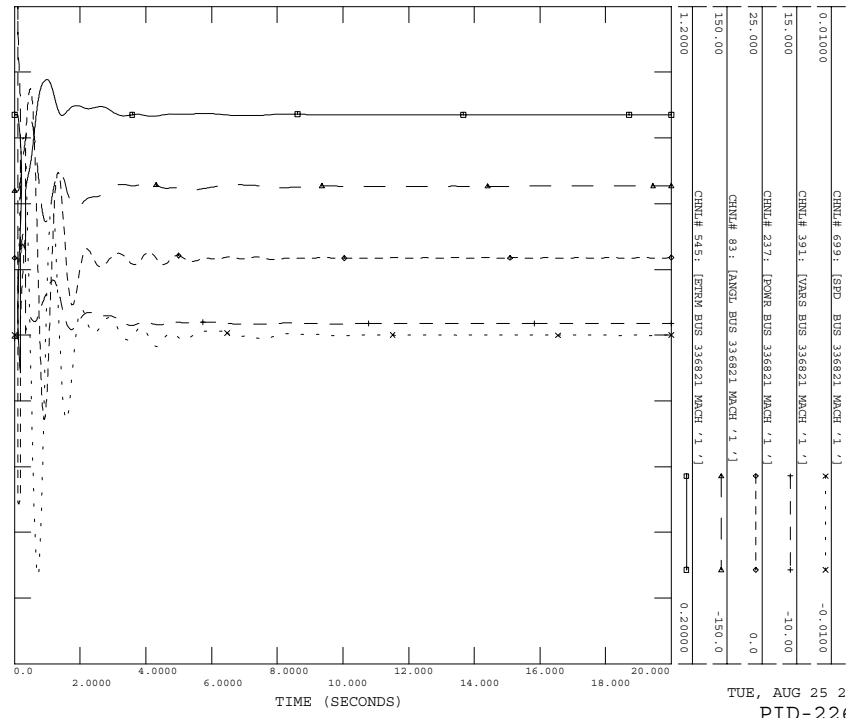
Stuck breaker fault on the 8R.BRAS (#336839) to 8LAKEOV (#336945) 500 kV line, near the 8R.BRAS.

- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8LAKEOV AND 8R.BRAS TO 8FRKLIN





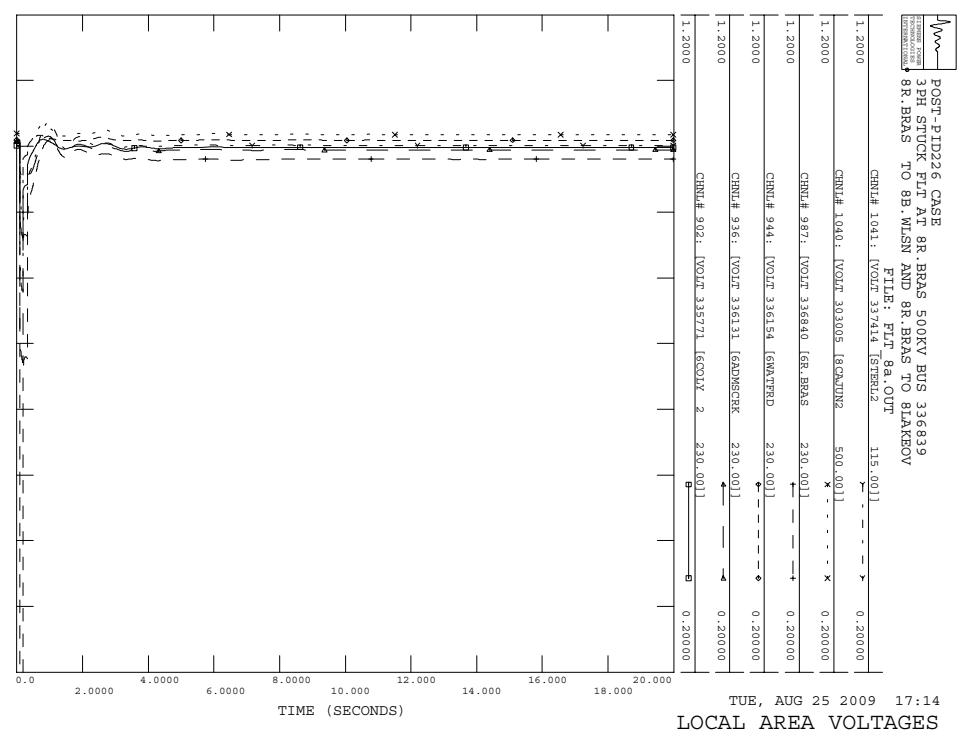
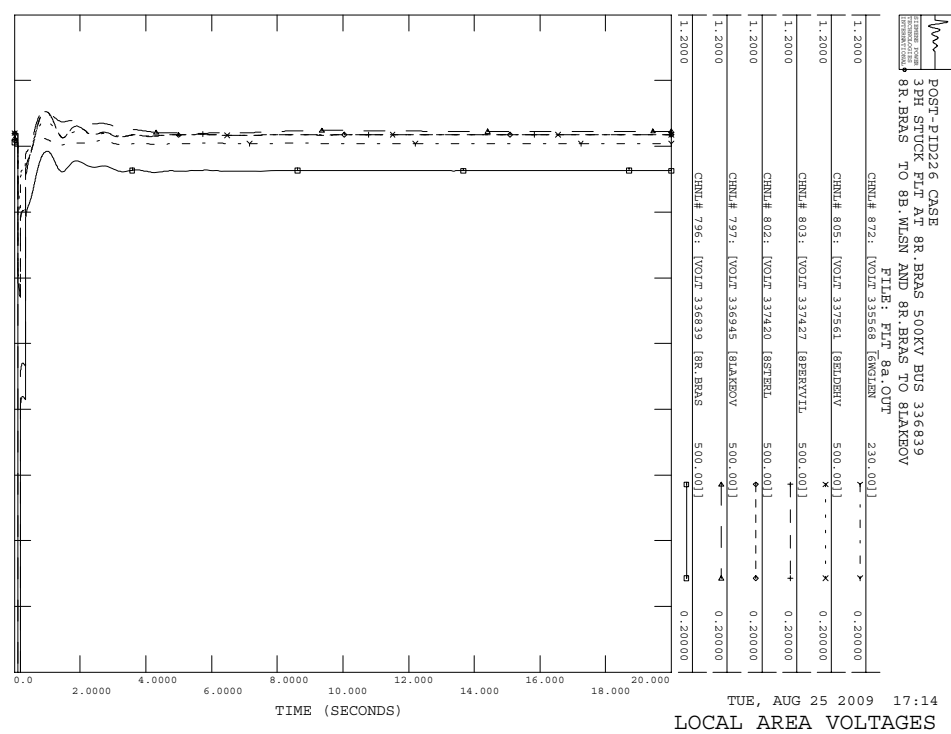
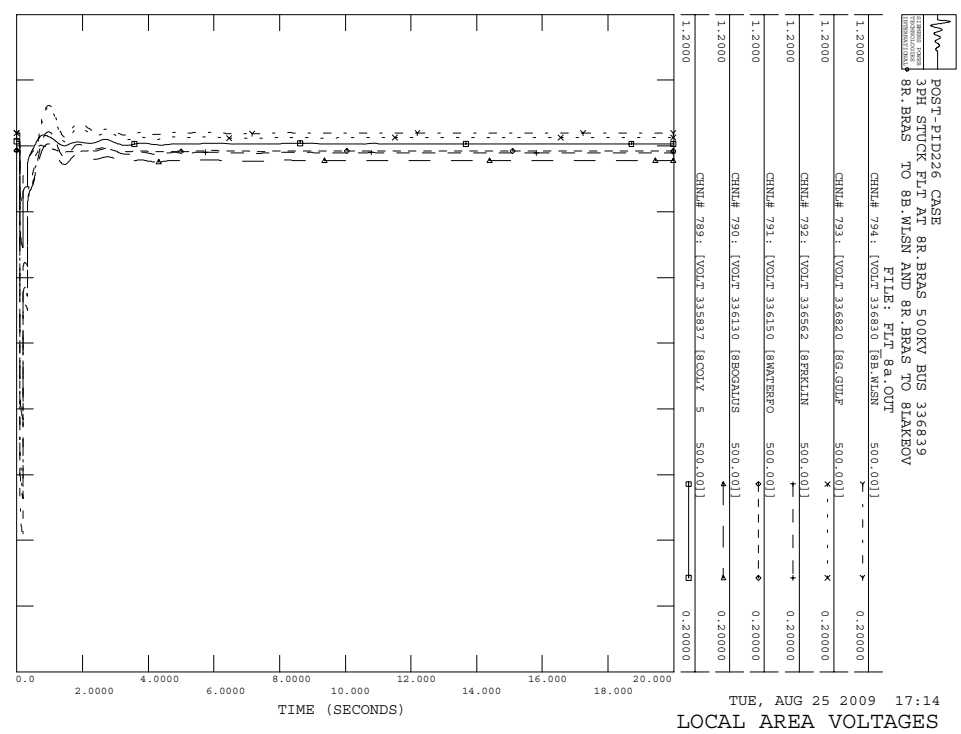
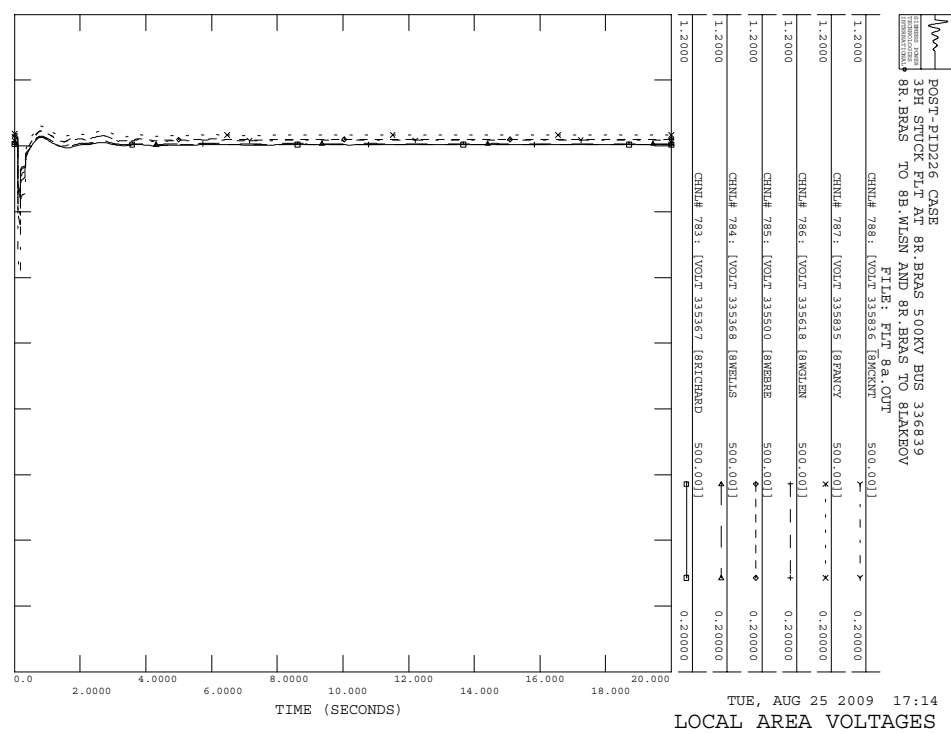
POST-PID226 CASE
 3PH STOCK FLT AT 8R BRAS 500KV BUS 336839
 8R BRAS TO BLANKEOV AND 8R BRAS TO BRNLLIN
 FILE: FLT_7B.001



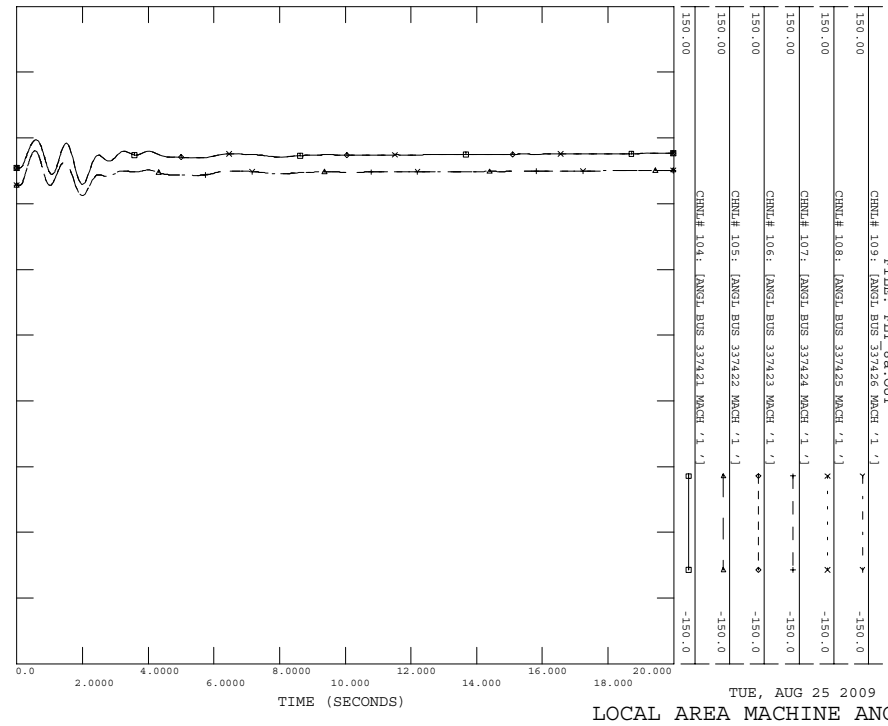
C.27 FLT_8a

Stuck breaker fault on the 8R.BRAS (#336839) to 8B.WLSN (#336830) 500 kV line, near the 8R.BRAS.

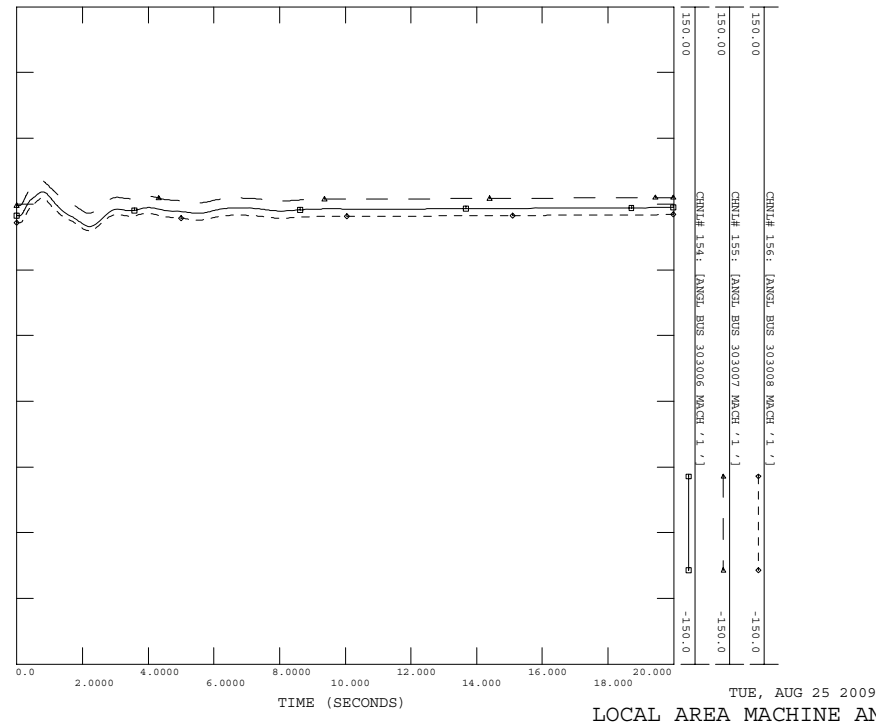
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKEOV.



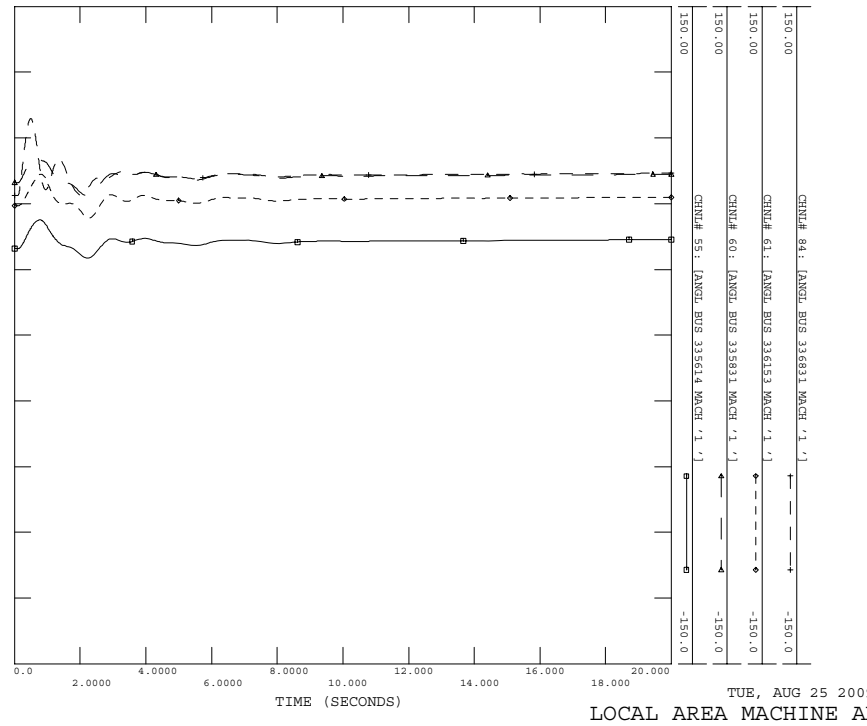
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



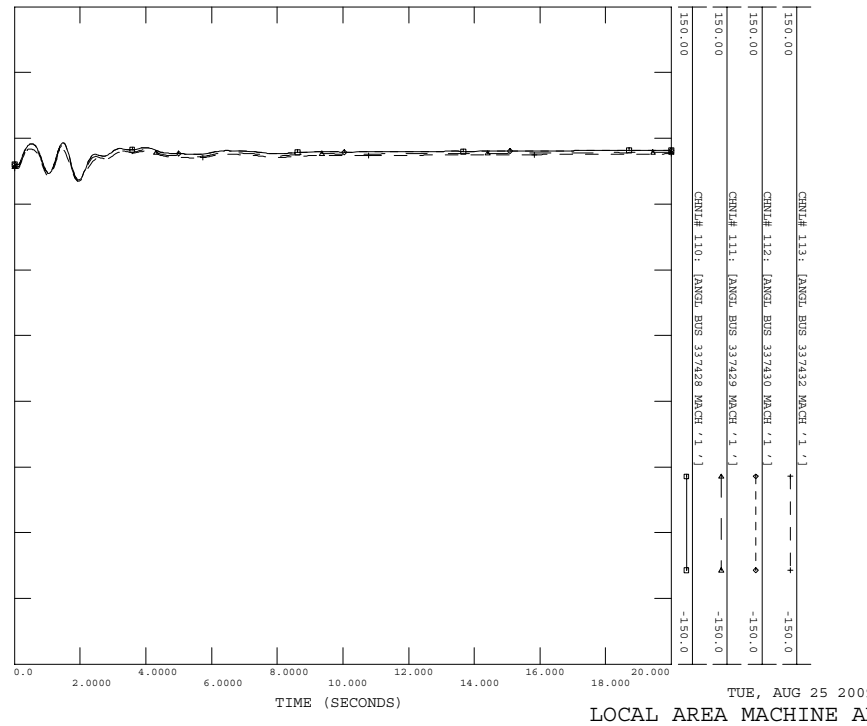
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



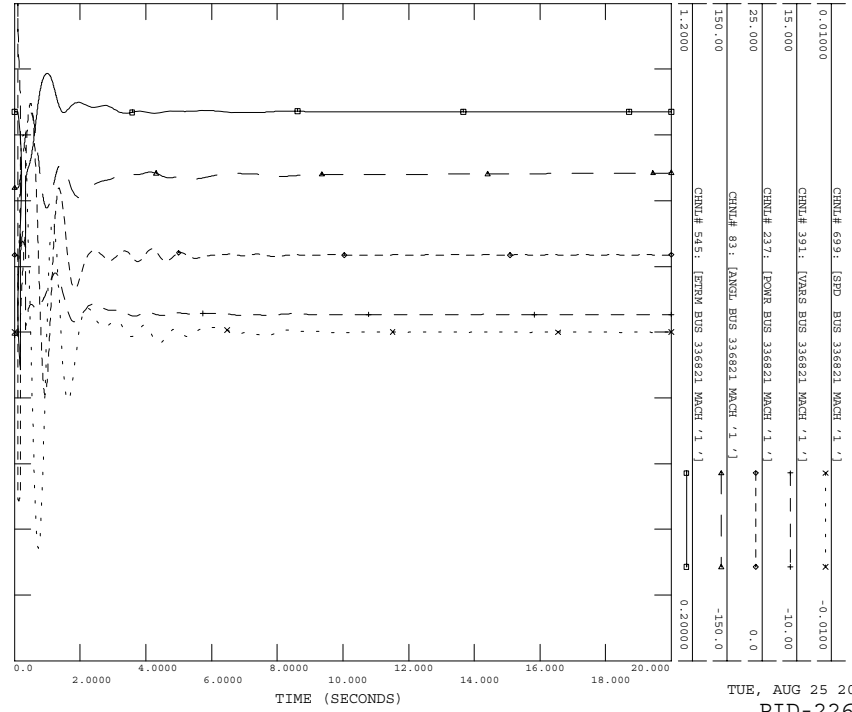
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



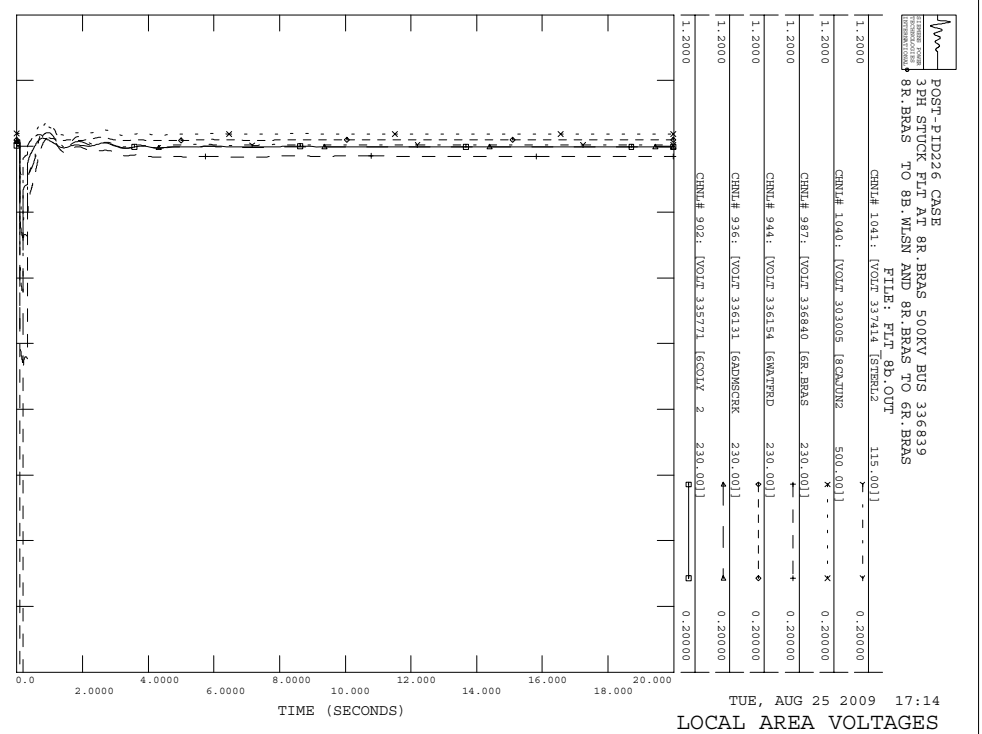
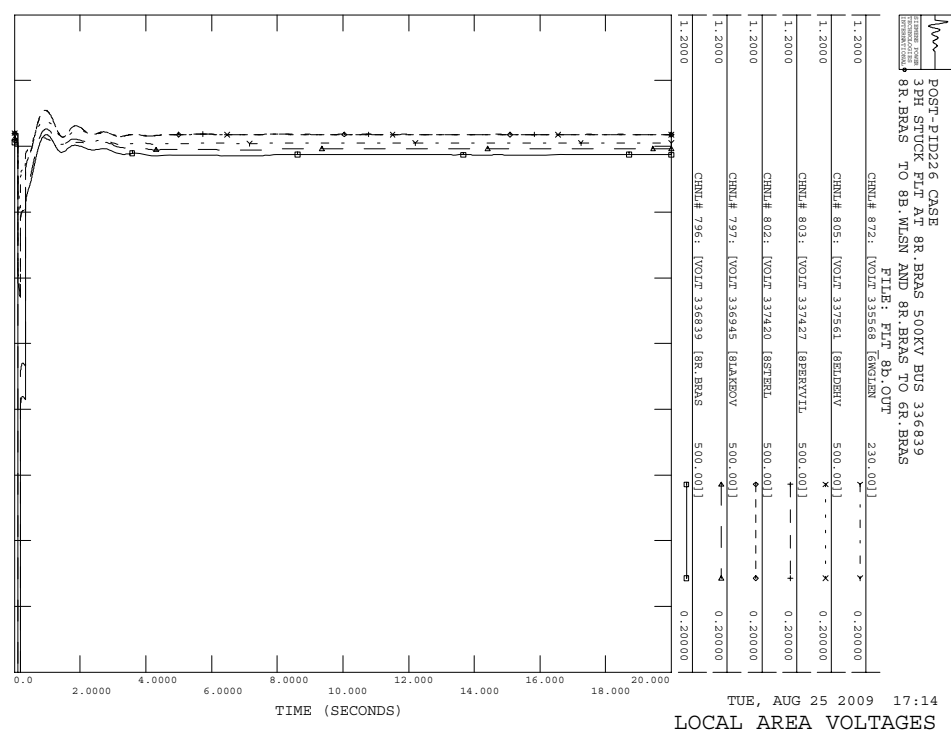
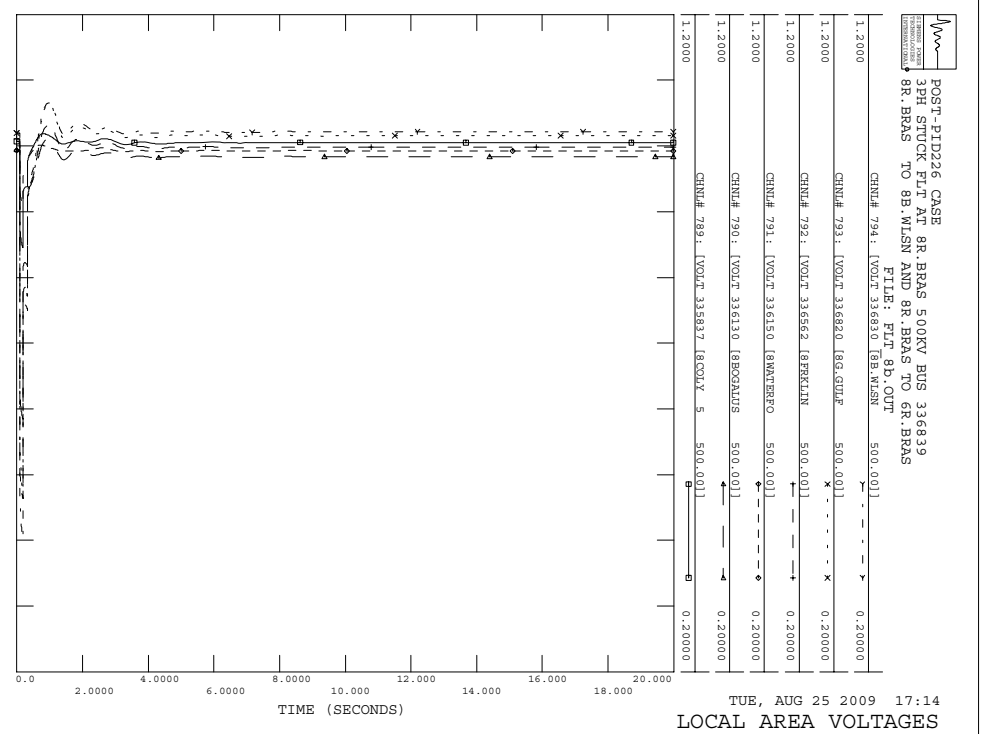
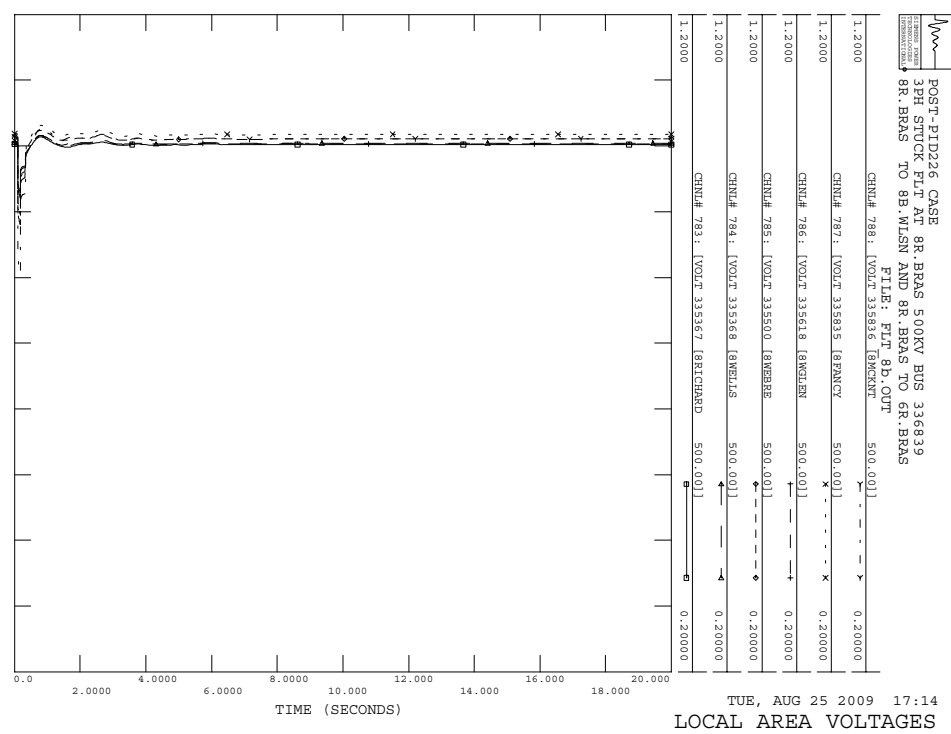
POST-PID226 CASE
3PH STOCK FLT AT 8R BRAS 500V BUS 336839
8R BRAS TO 8B WLSN AND 8R BRAS TO 8LMB0V
FILE: FDI_184.001



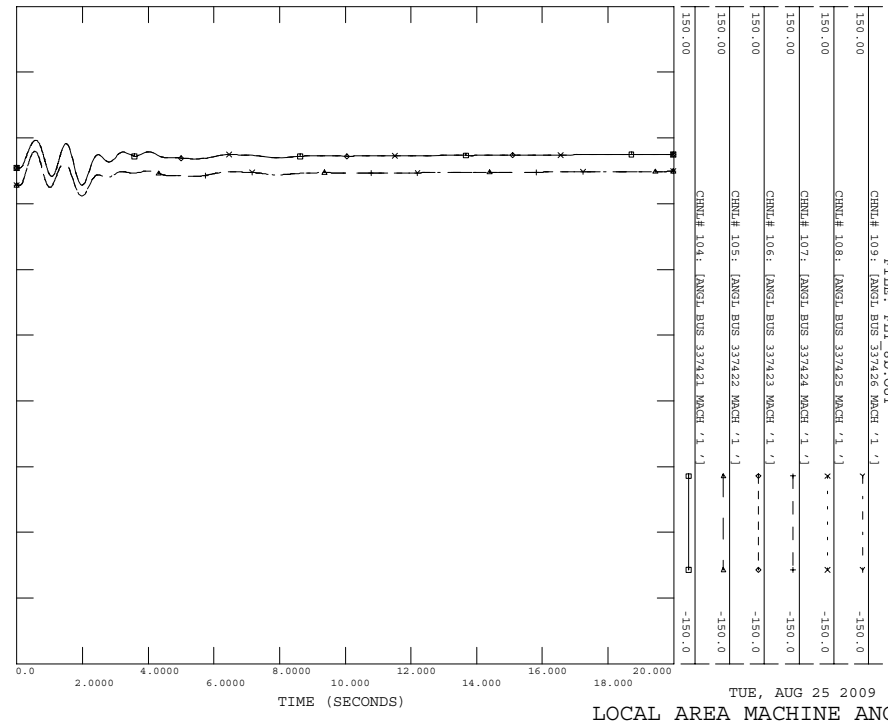
C.28 FLT_8b

Stuck breaker fault on the 8R.BRAS (#336839) to 8B.WLSN (#336830) 500 kV line, near the 8R.BRAS.

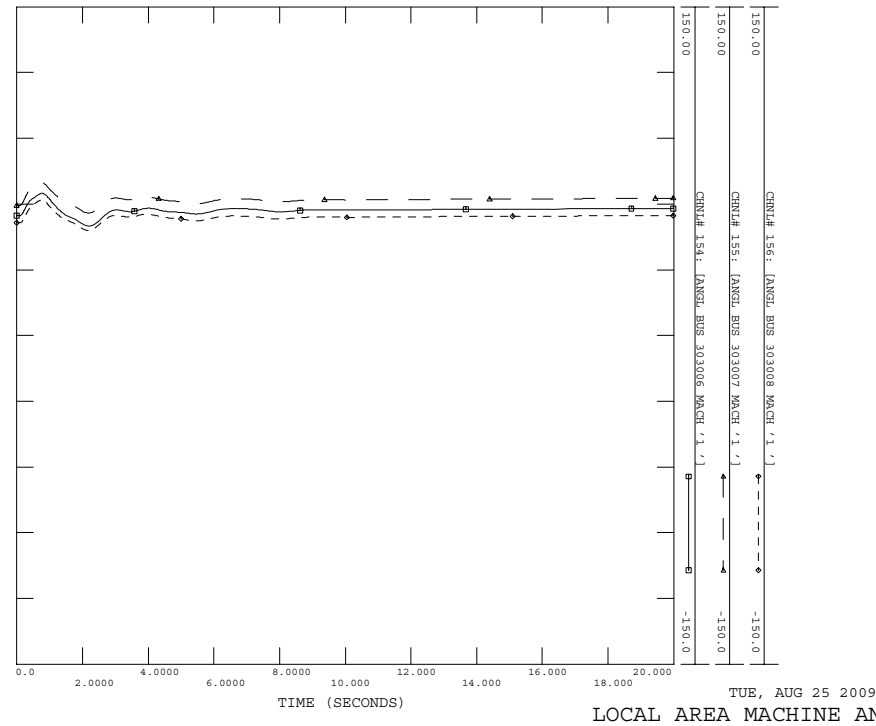
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS



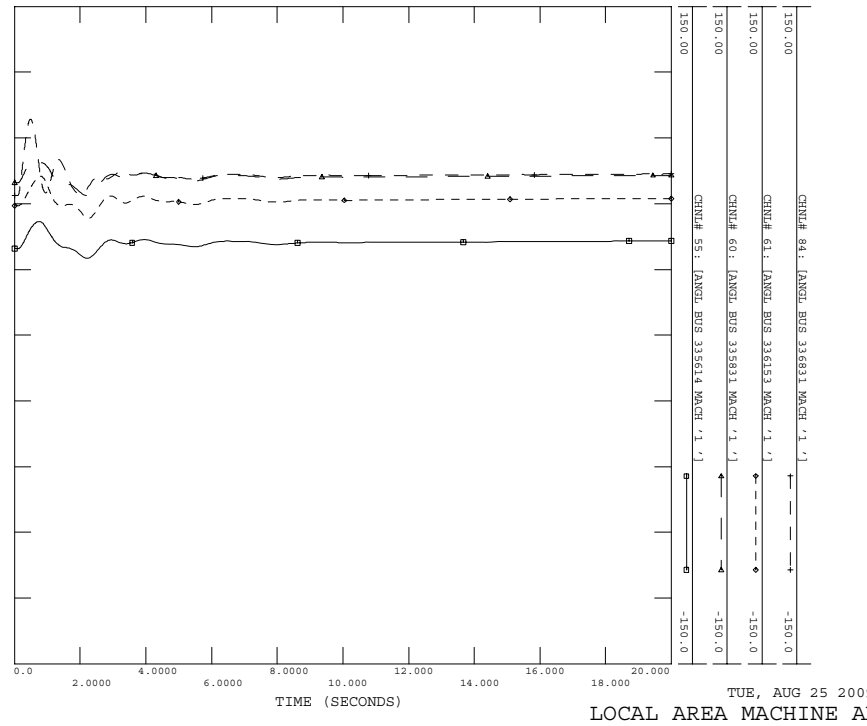
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



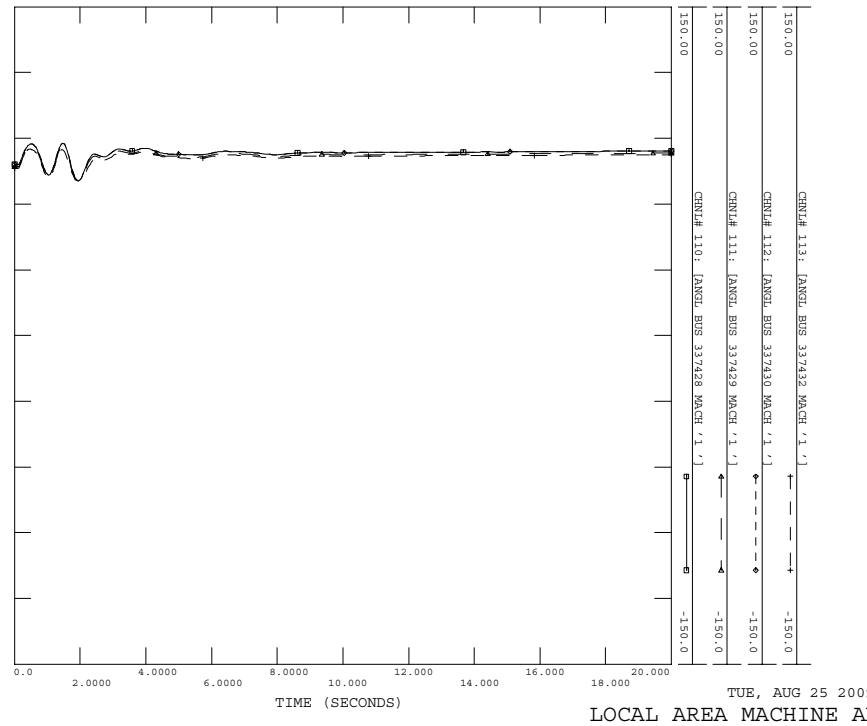
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



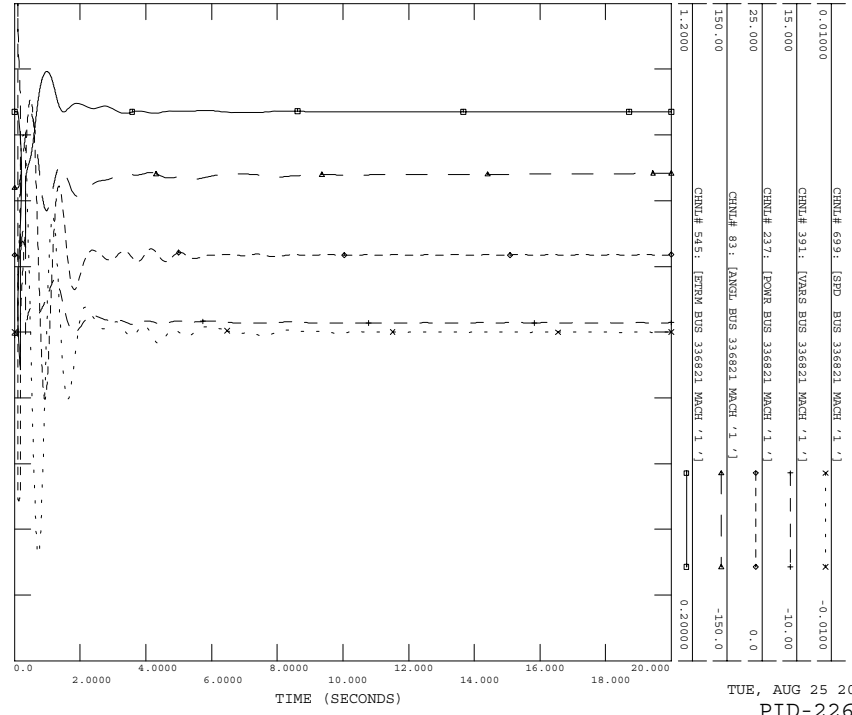
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



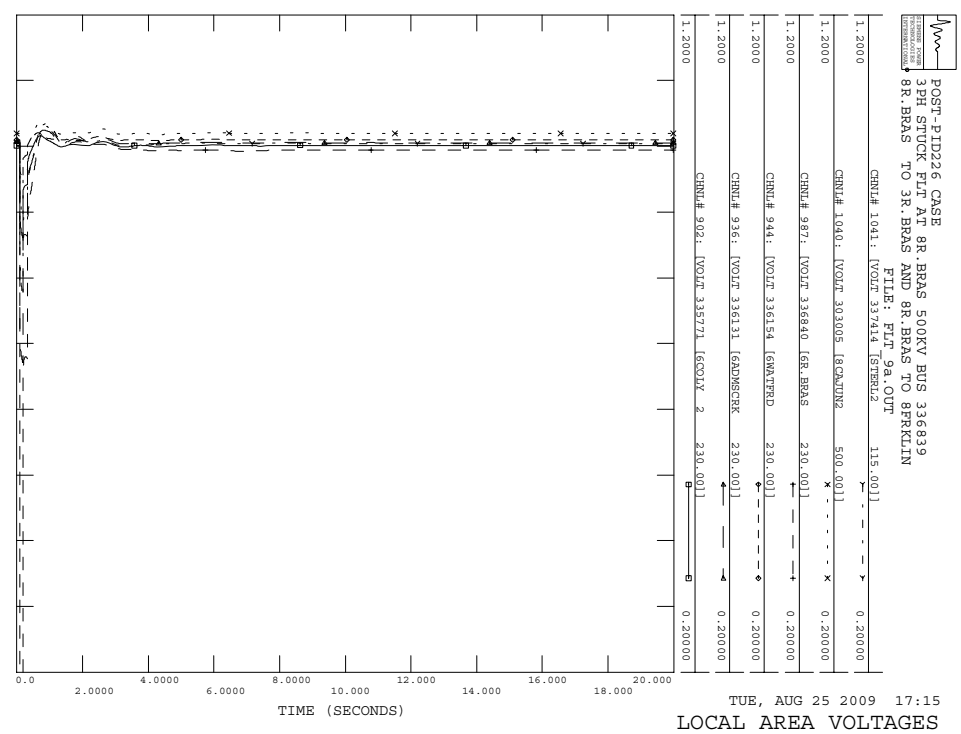
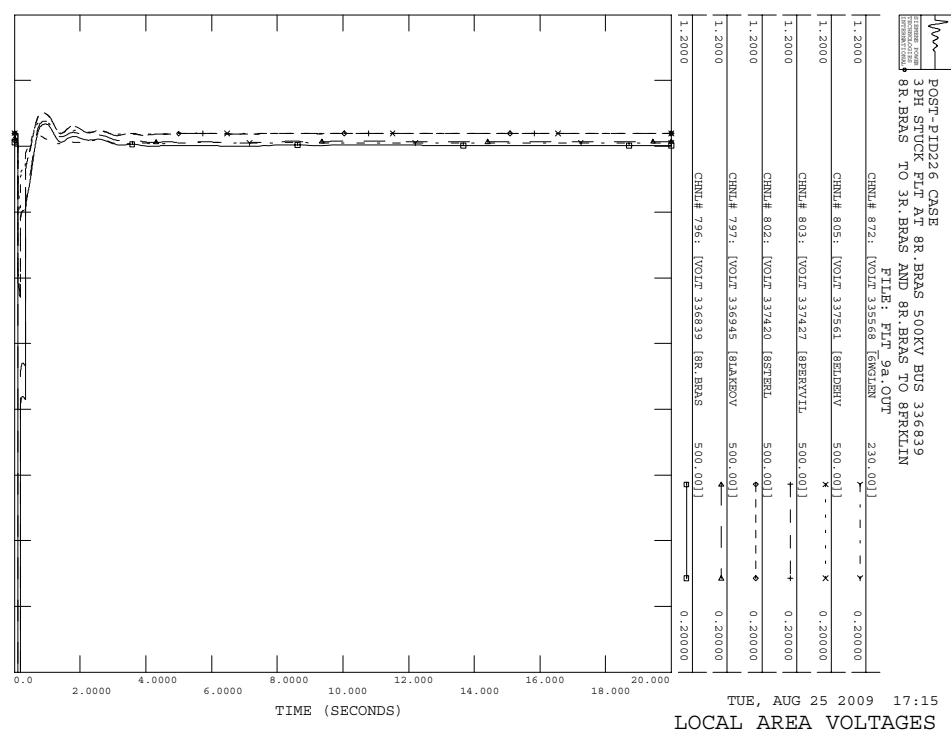
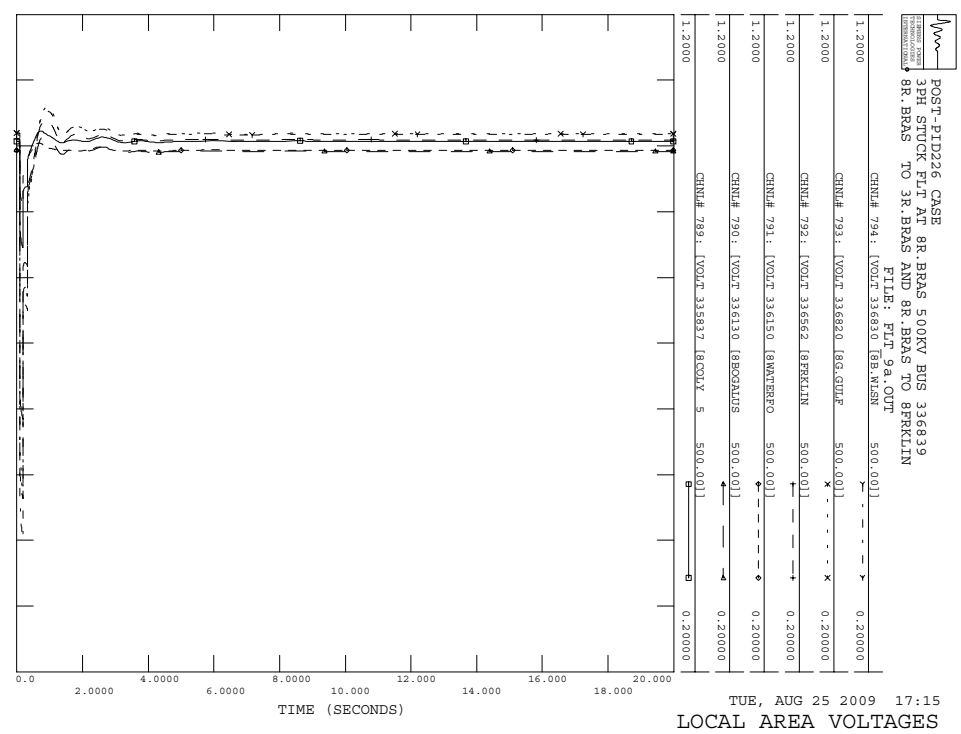
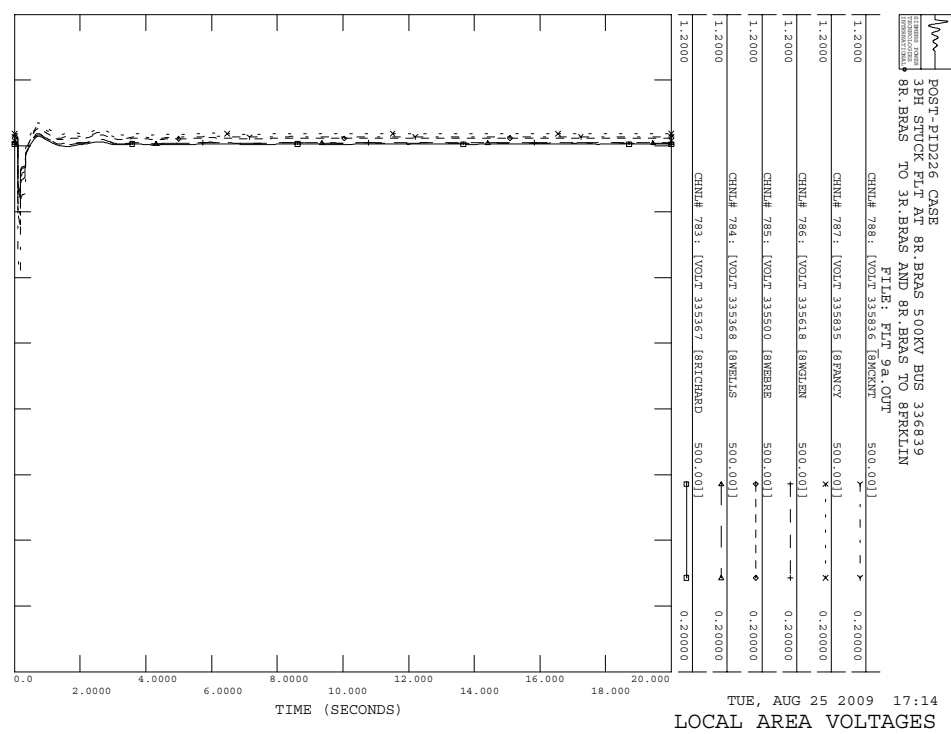
POST-PID226 CASE
 3PH STOCK FLT AT 8R BRAS 500KV BUS 336839
 8R BRAS TO 8B WLSN AND 8R BRAS TO GR BRAS
 FILE: FDI_8P.001



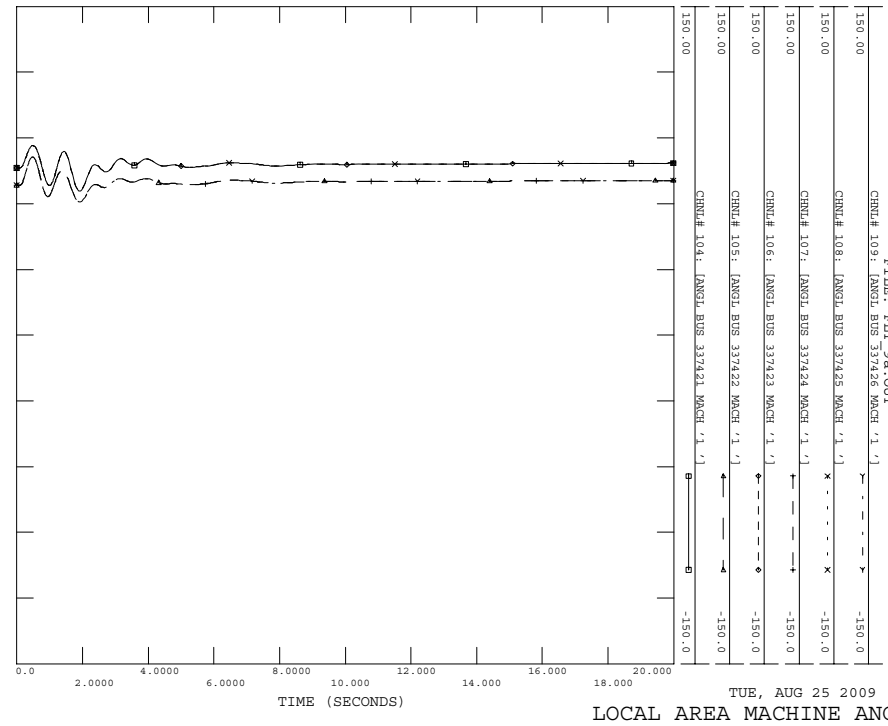
C.29 FLT_9a

Stuck breaker fault on 8R.BRAS (#336839) to 3R.BRA (#335827) transformer, near the 8R.BRAS.

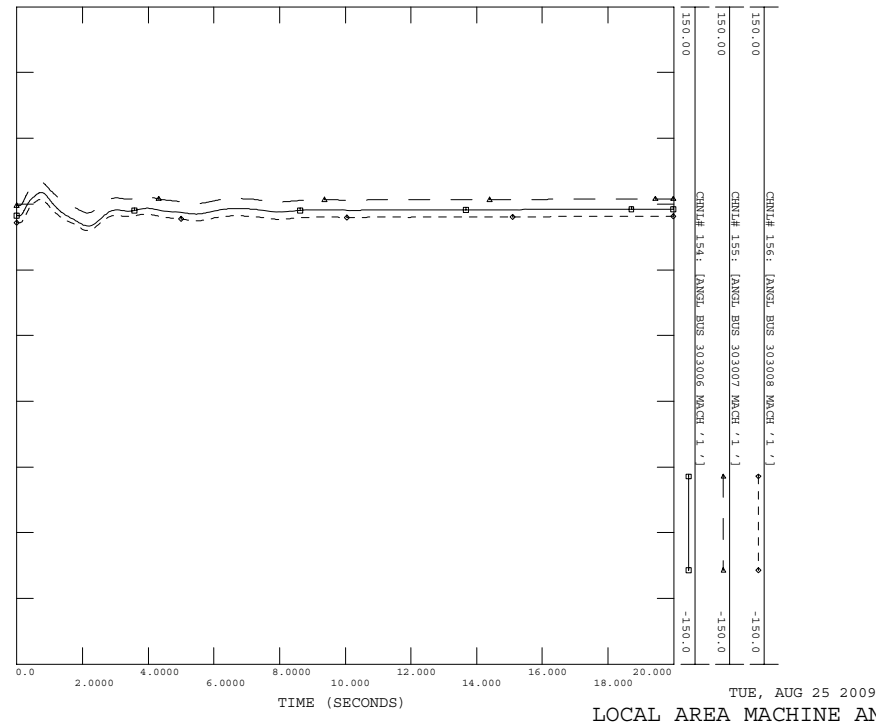
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLIN.



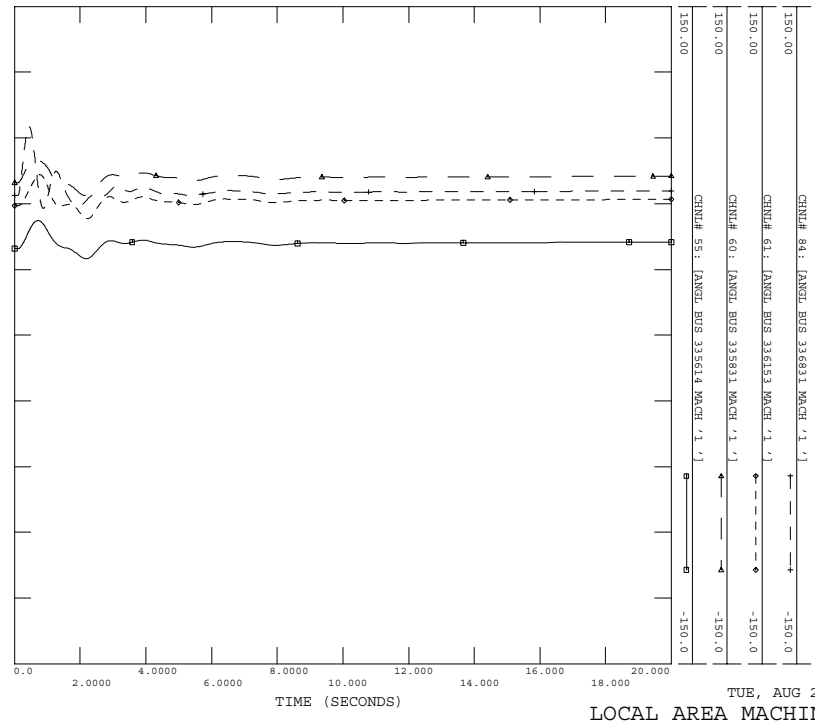
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_94.0UT



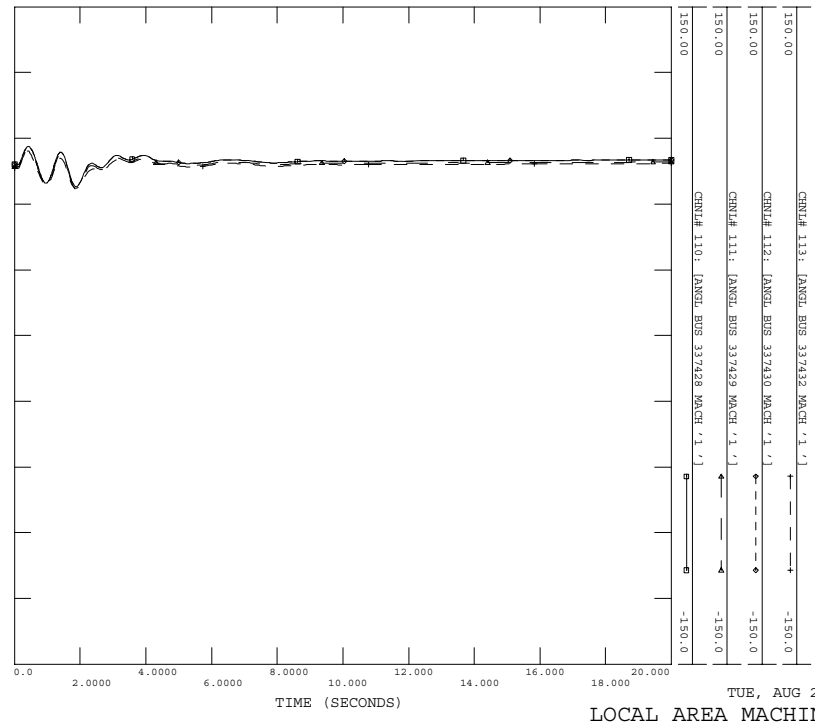
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_94.0UT



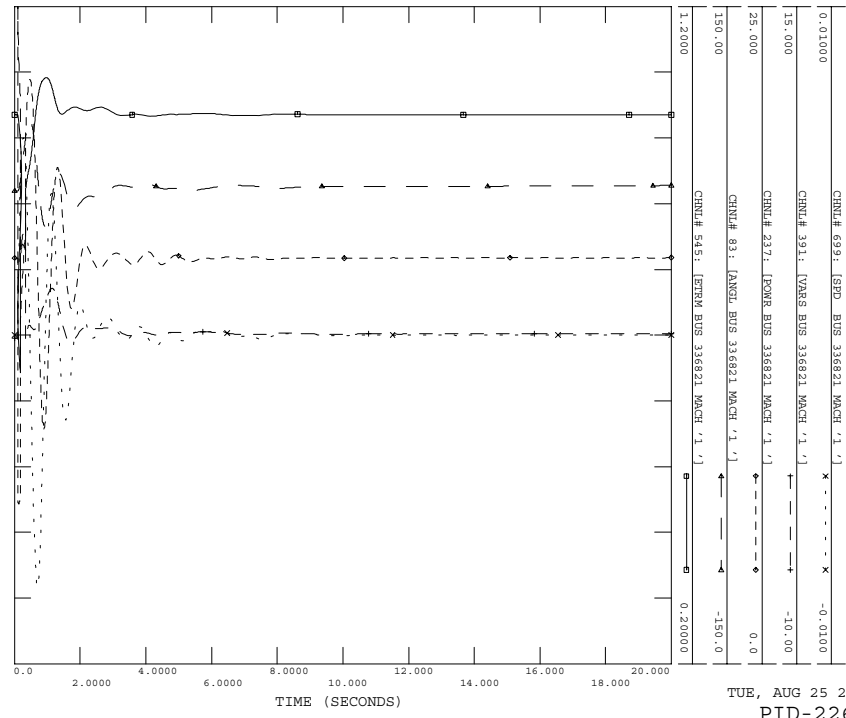
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_94.0UT



POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_94.0UT



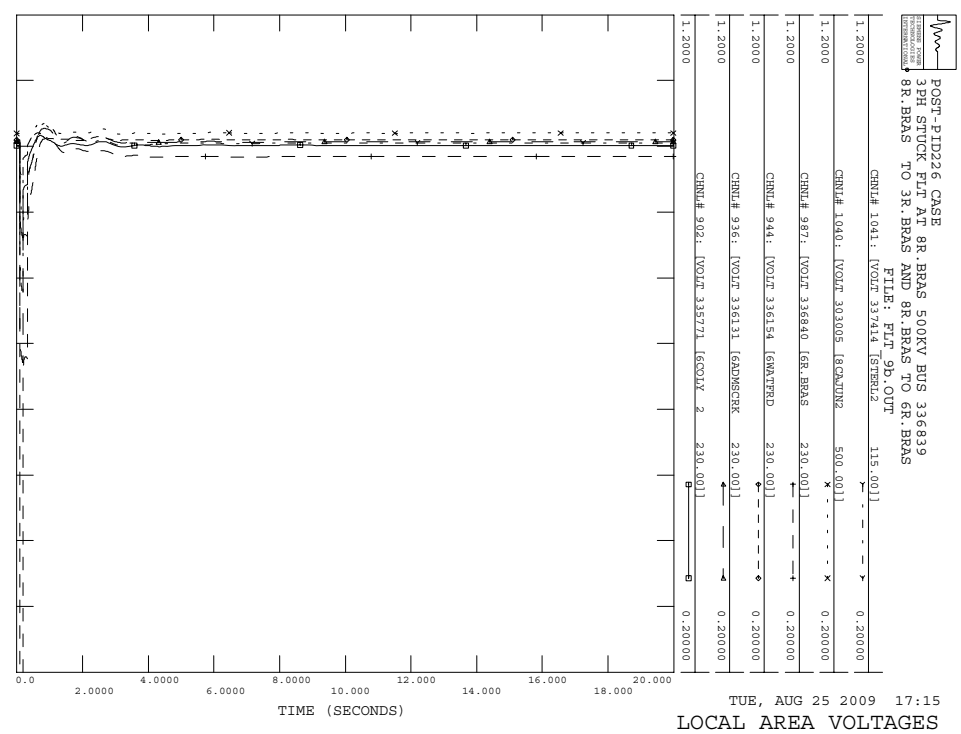
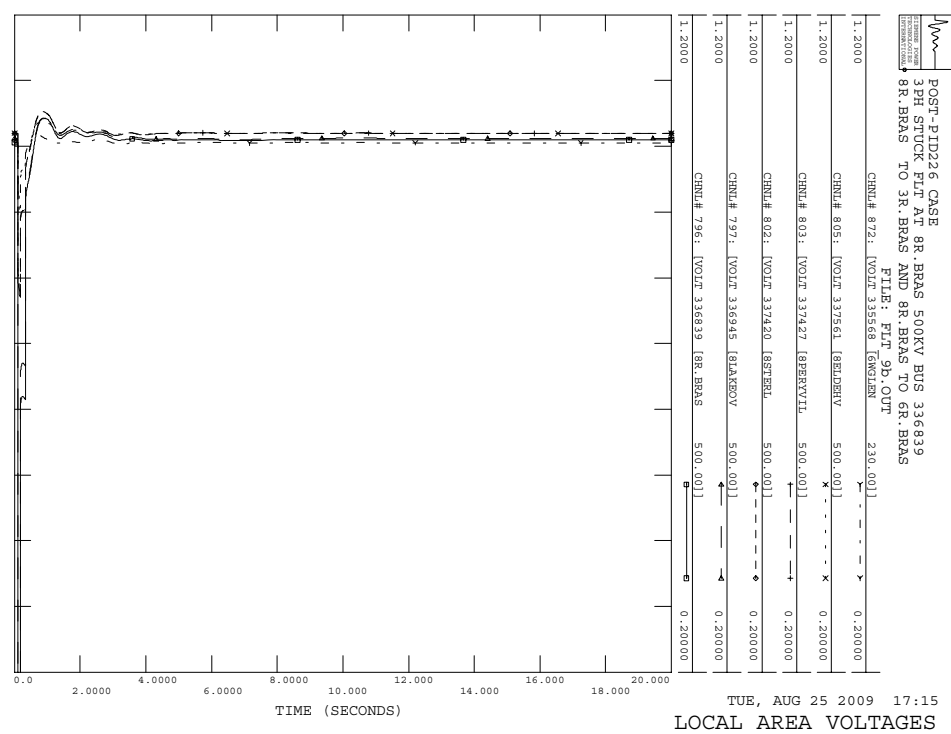
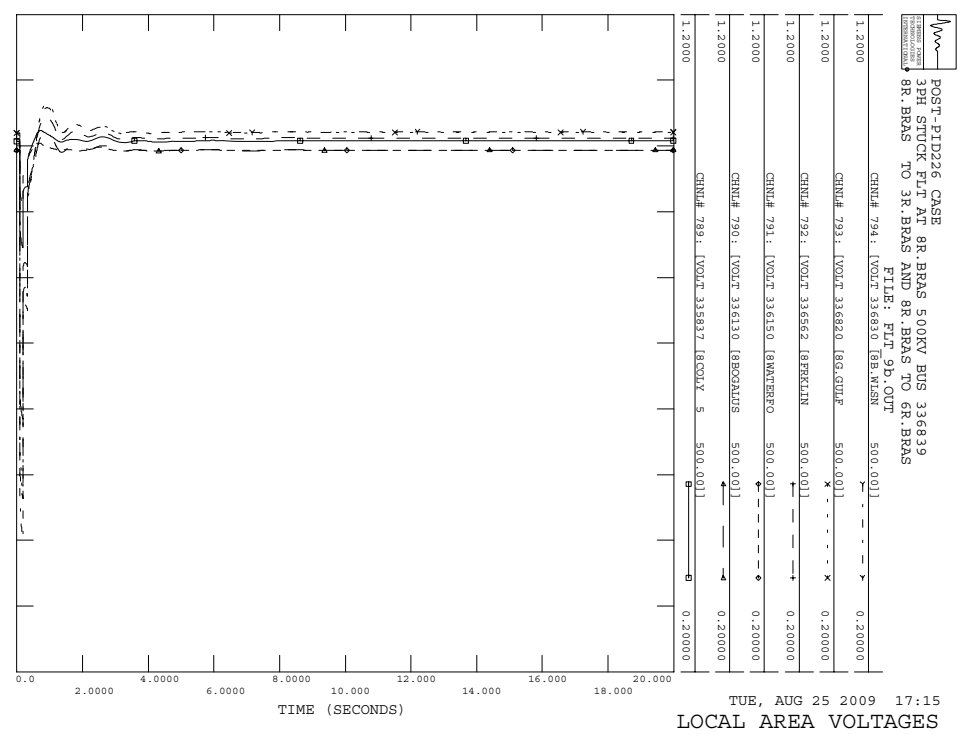
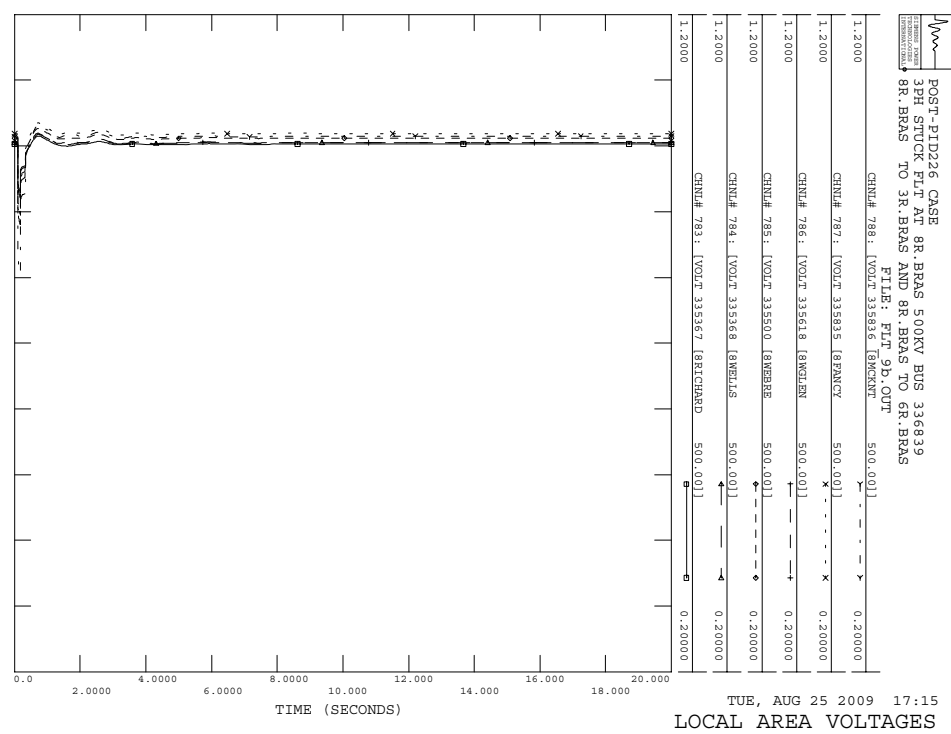
POST-PID226 CASE
 3PH STOCK FLT AI 8R BRAS 500KV BUS 336839
 8R BRAS IO 3R BRAS AND 8R BRAS IO 8R INLIN
 FILE: FDI_98.001

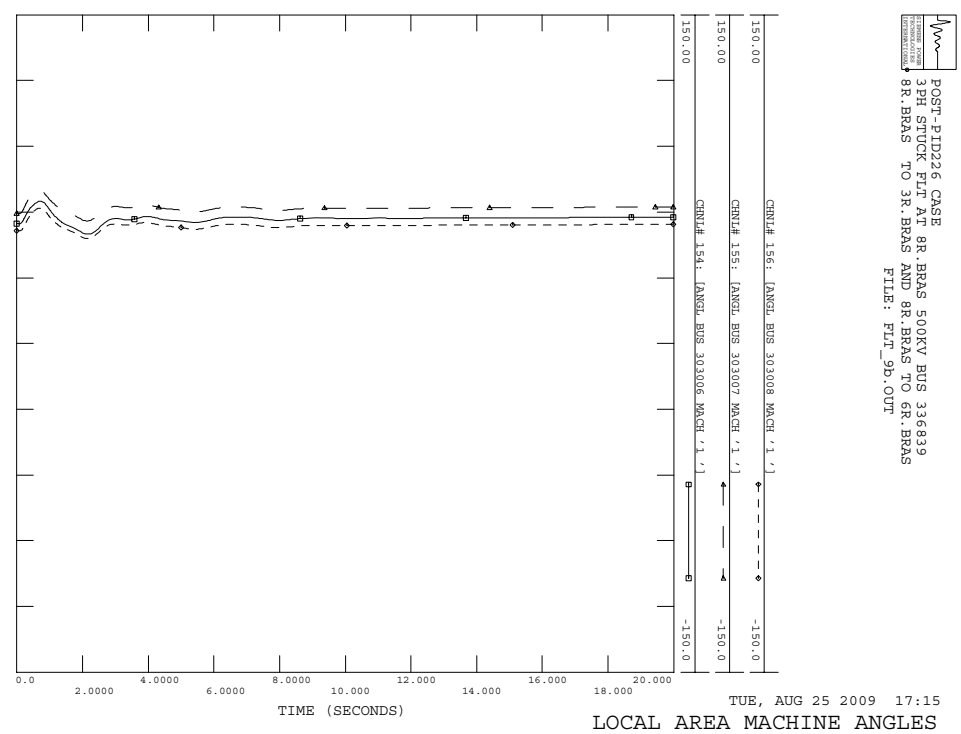
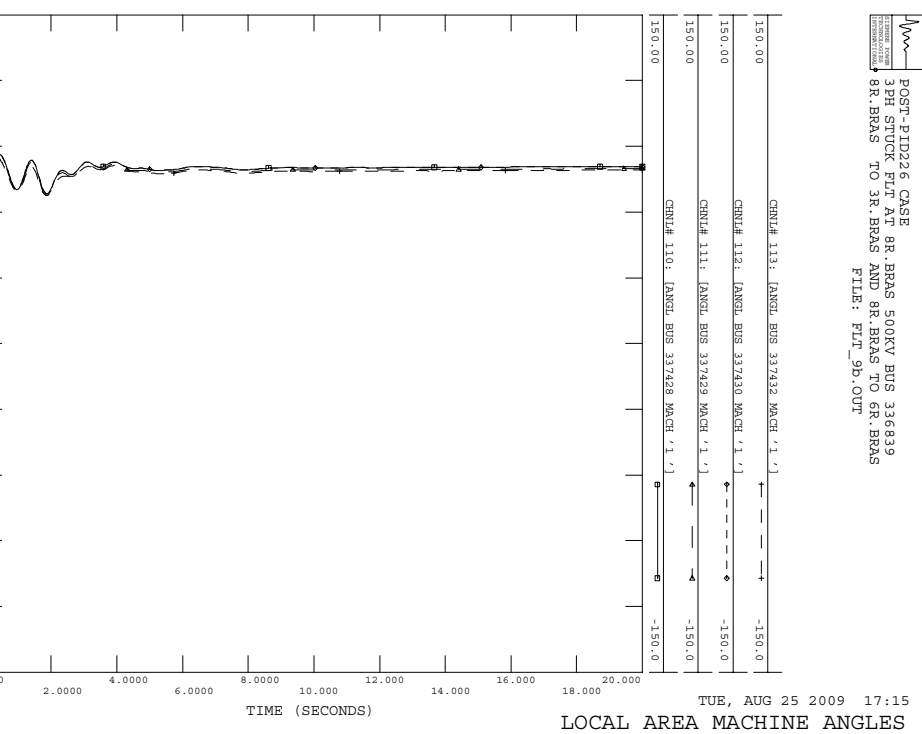
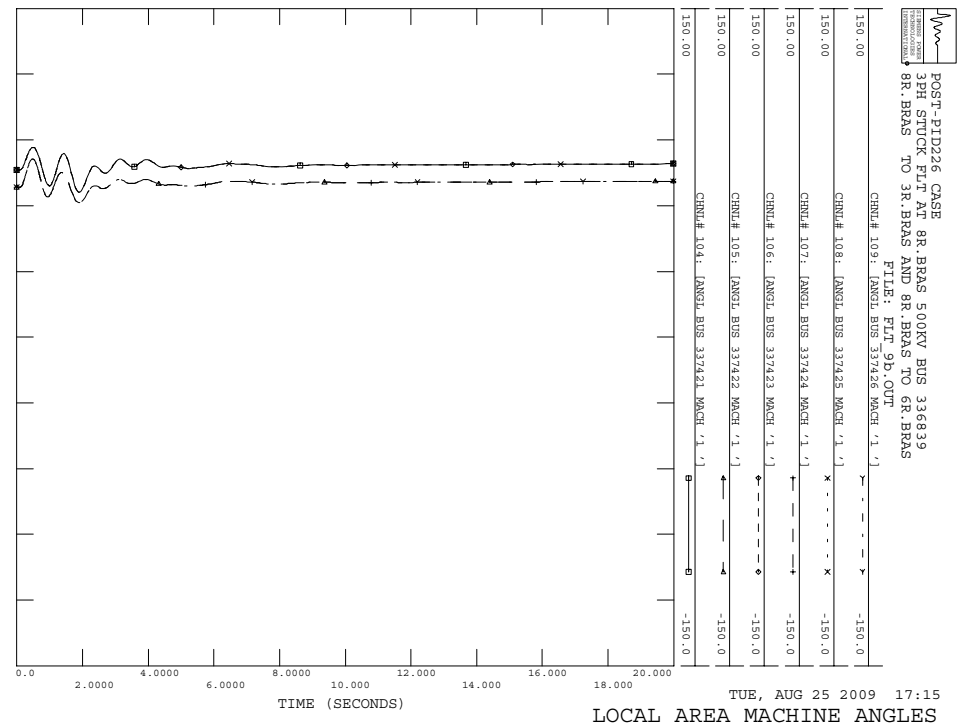
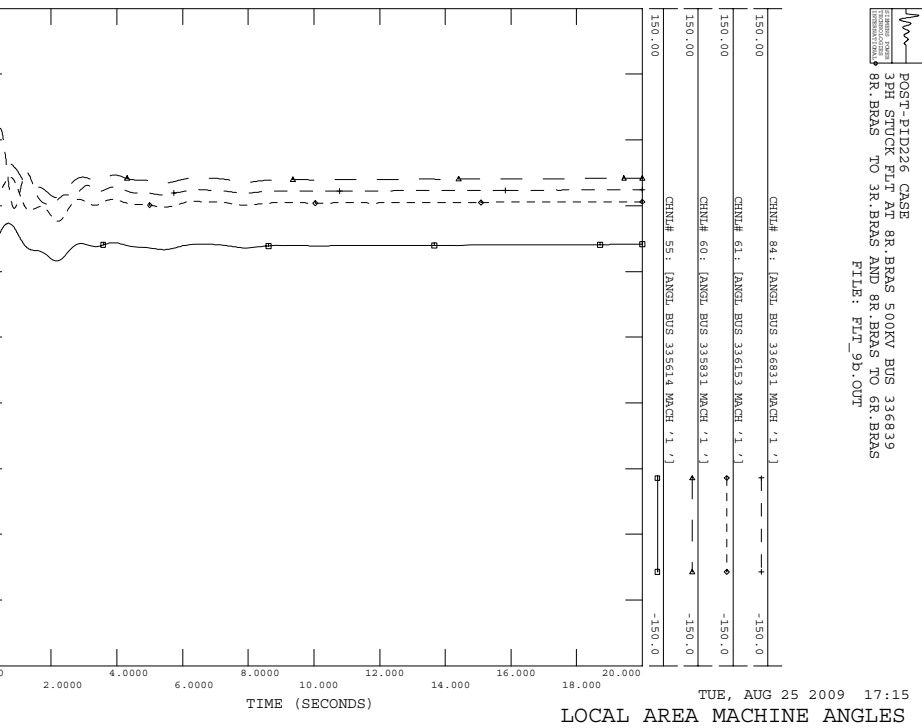


C.30 FLT_9b

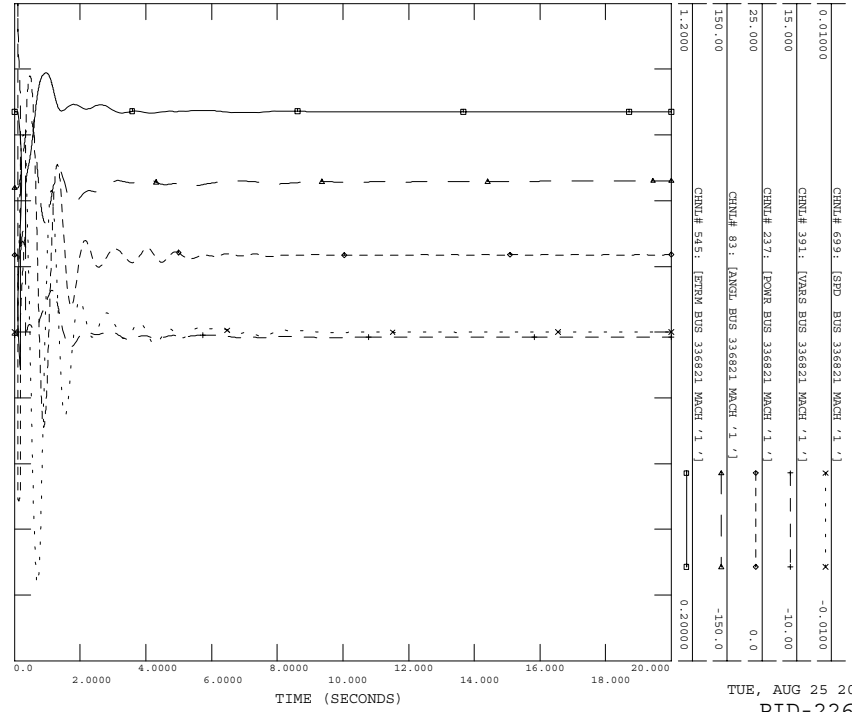
Stuck breaker fault on 8R.BRAS (#336839) to 3R.BRA (#335827) transformer, near the 8R.BRAS.

- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS





POST-PID226 CASE
 3PH STOCK FLT AI 8R BRAS 500KV BUS 336839
 8R BRAS IO 3R BRAS AND 8R BRAS IO GR BRAS
 FILE: FLI_9P.001

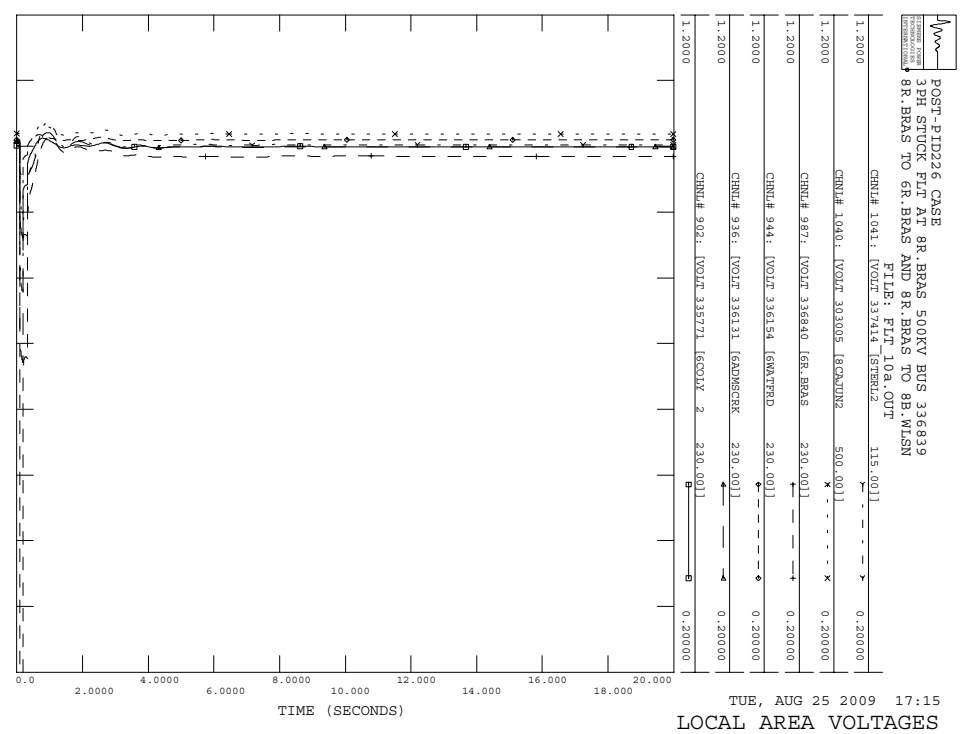
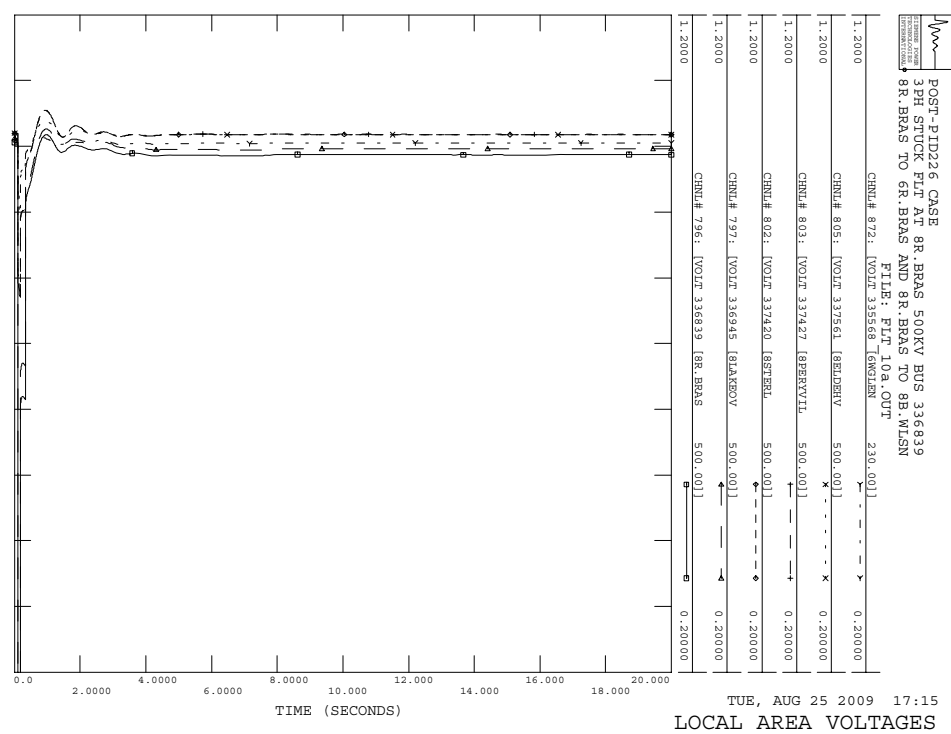
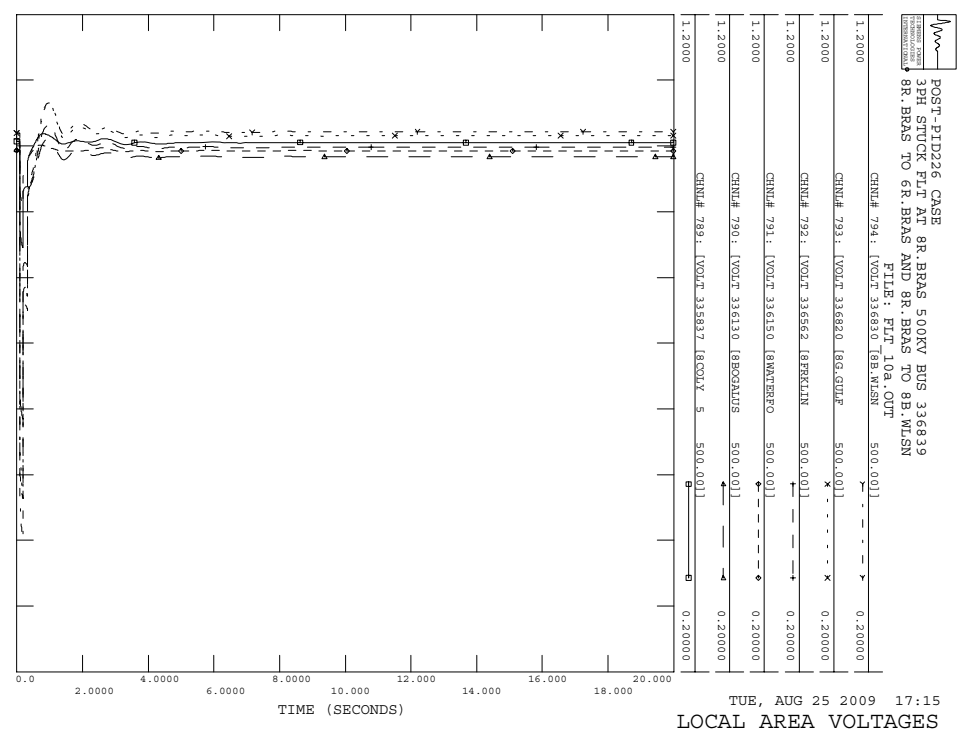
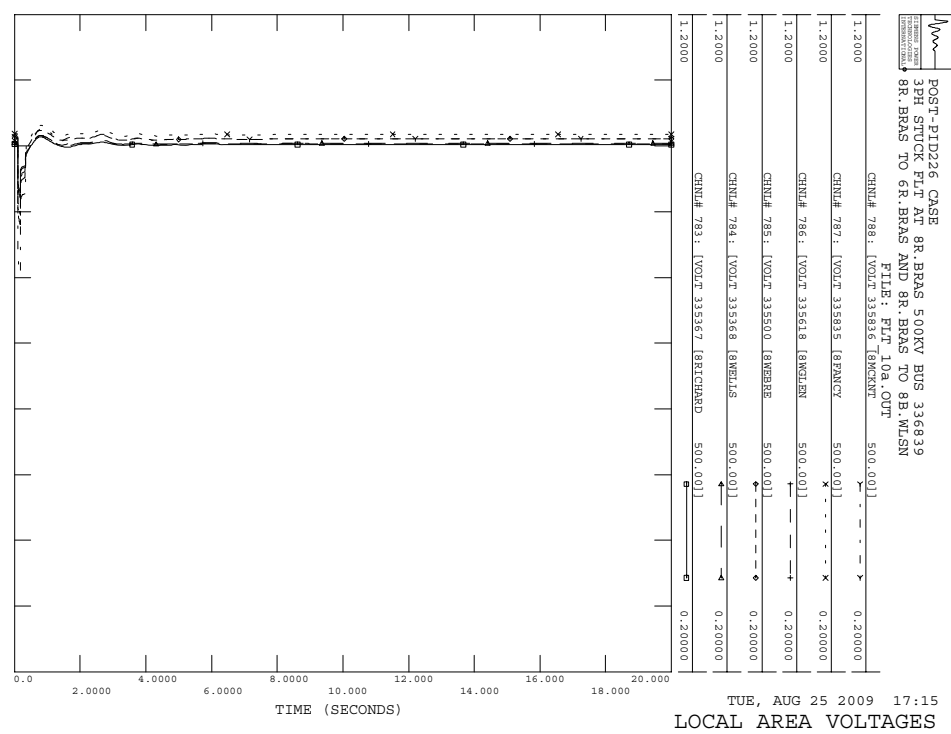


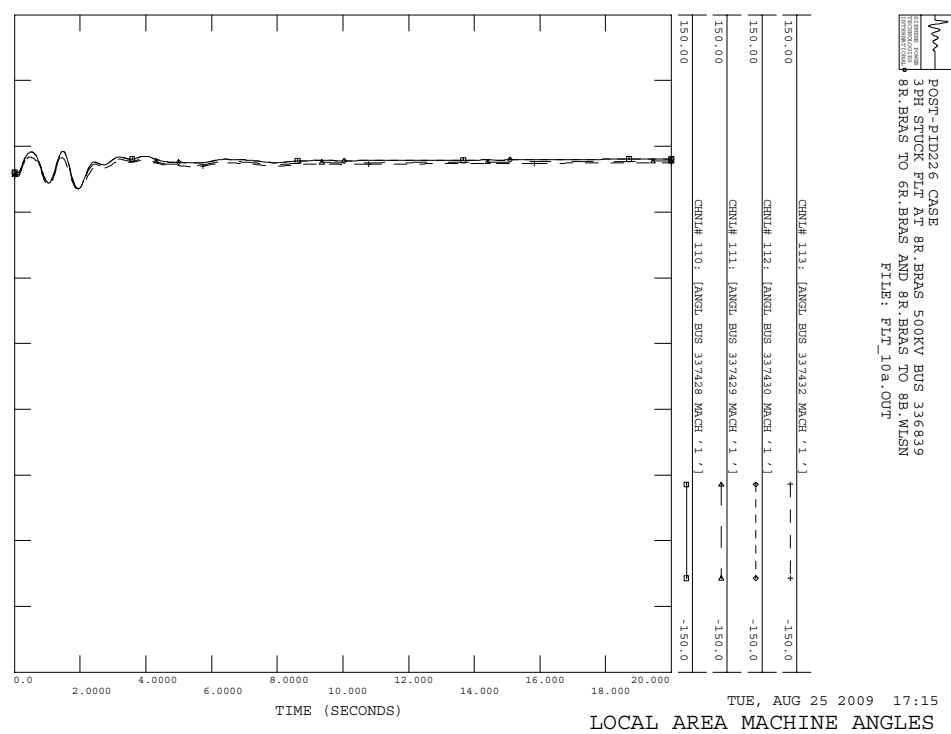
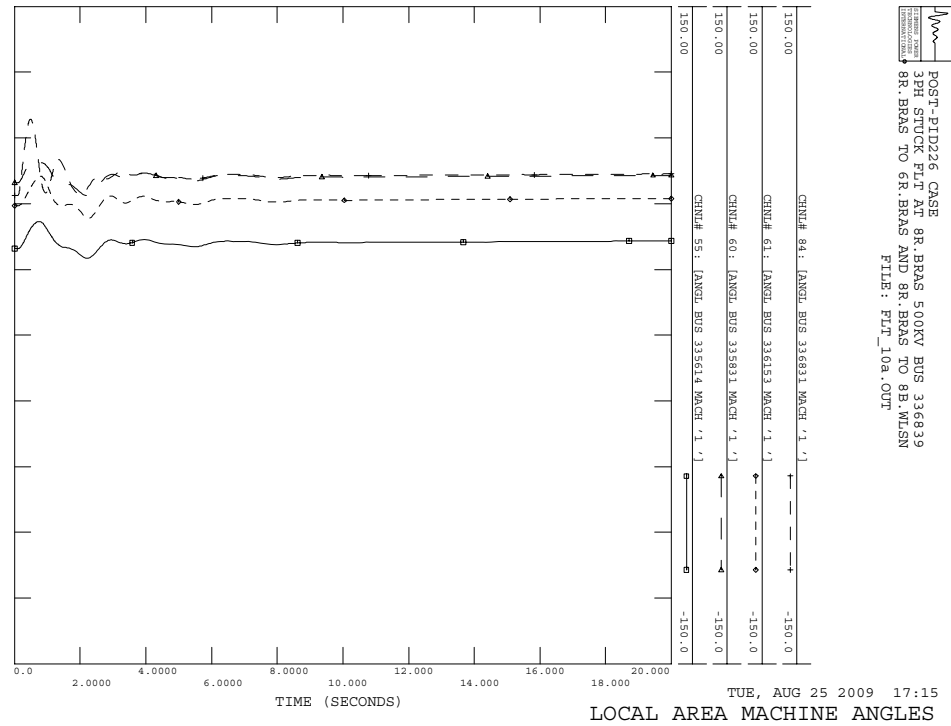
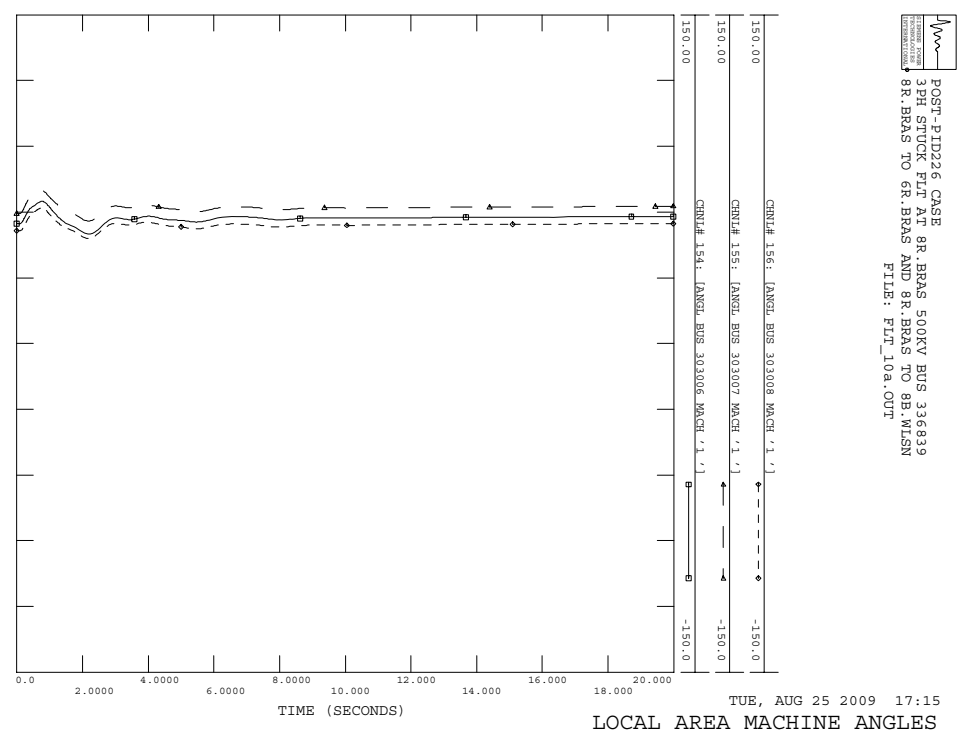
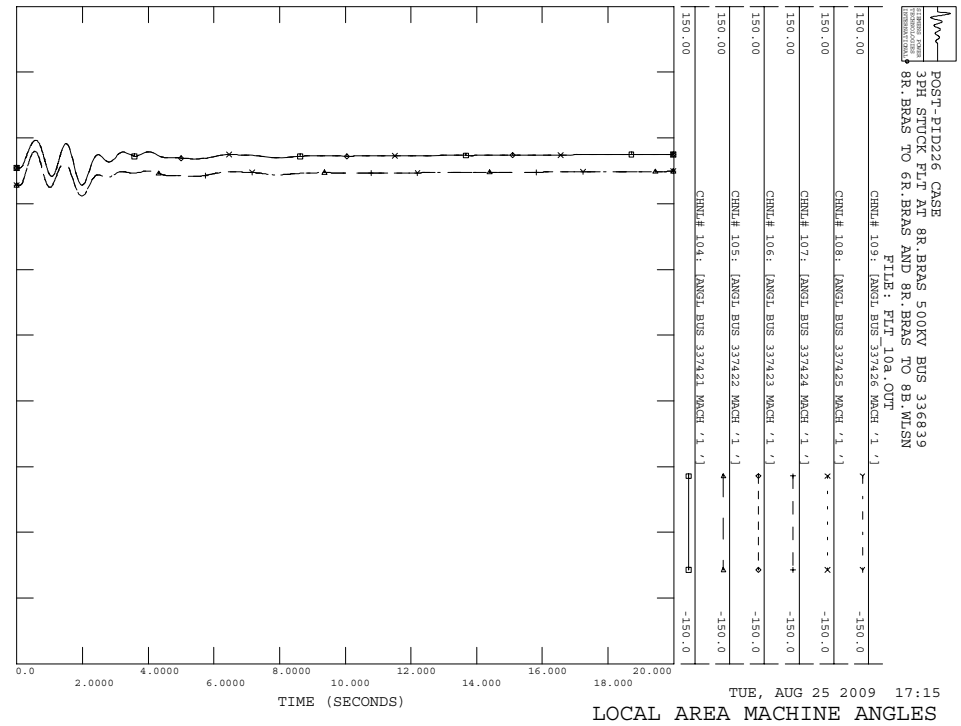
TUE, AUG 25 2009 17:15
 PID-226 PLOTS


C.31 FLT_10a

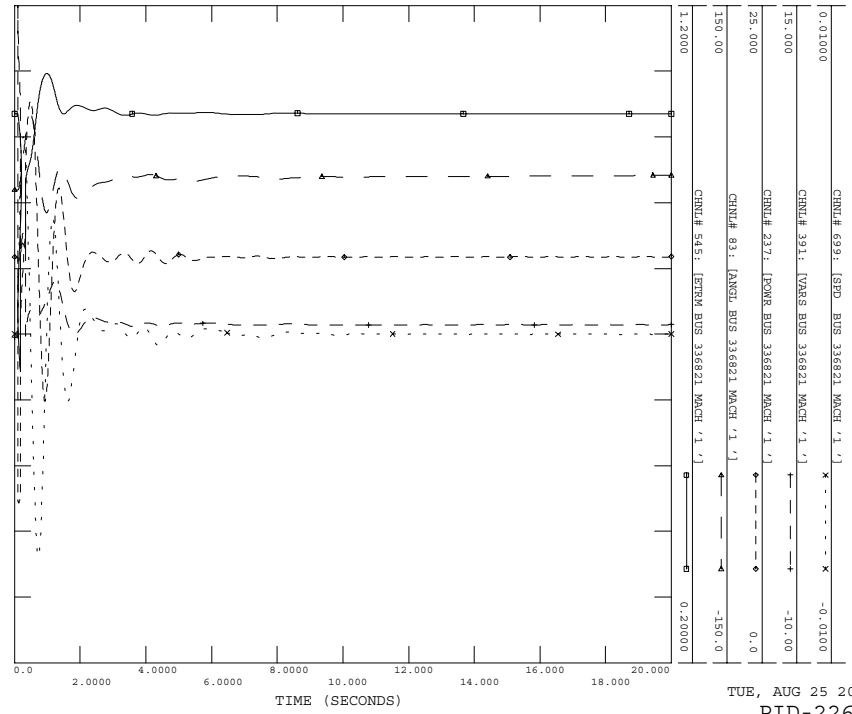
Stuck breaker fault on 8R.BRAS (#336839) to 6R.BRAS (#336840) transformer, near the 8R.BRAS.

- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN.






 POST-PID226 CASE
 3PH STOCK FLT AT GR.BRAS 500KV BUS 336839
 GR.BRAS TO GR.BRAS AND GR.BRAS TO GR.MUSM
 FILE: FLT_10A.OUT

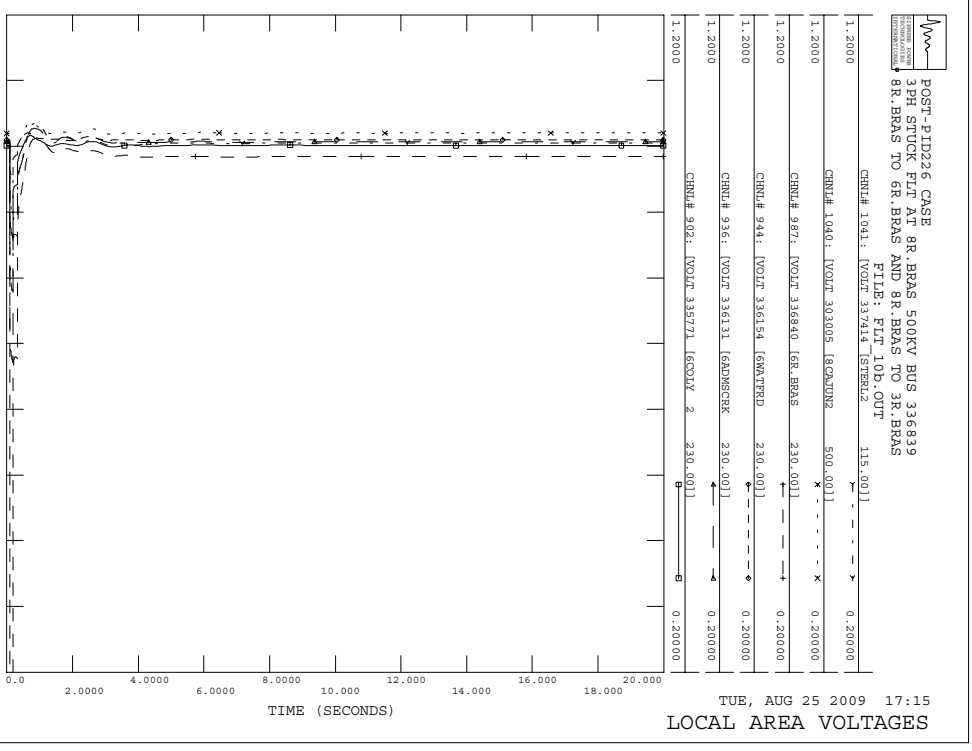
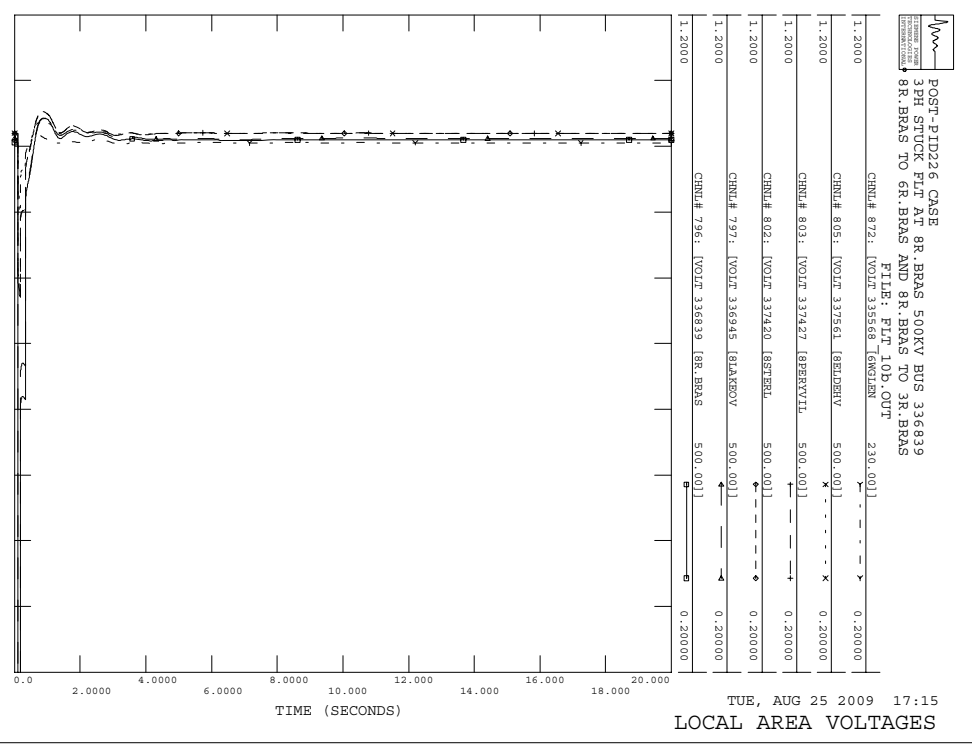
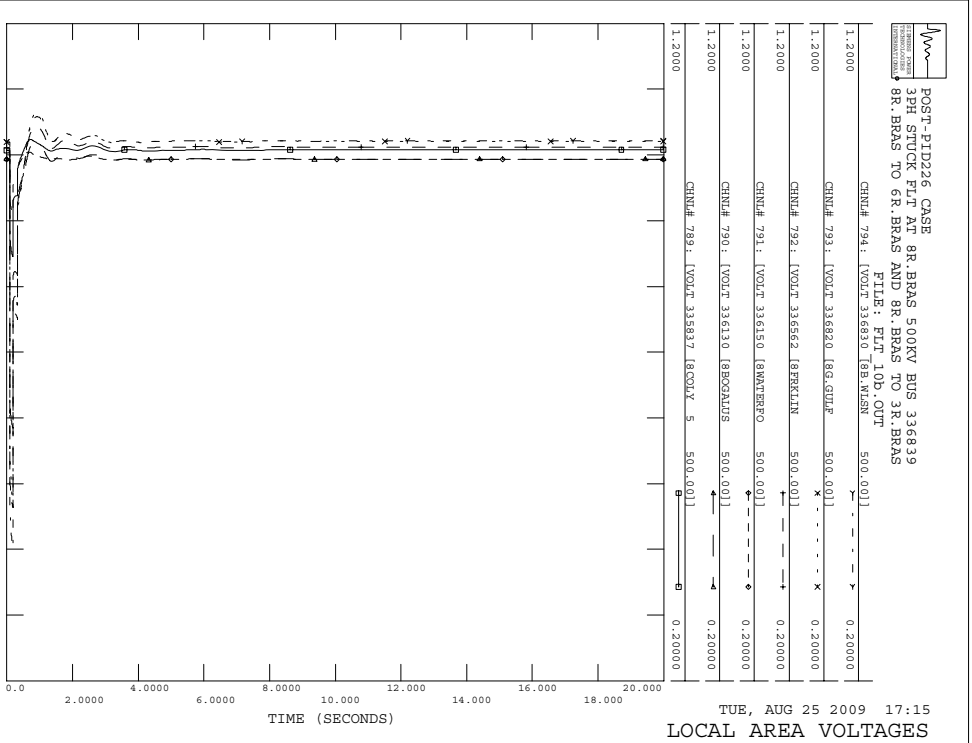
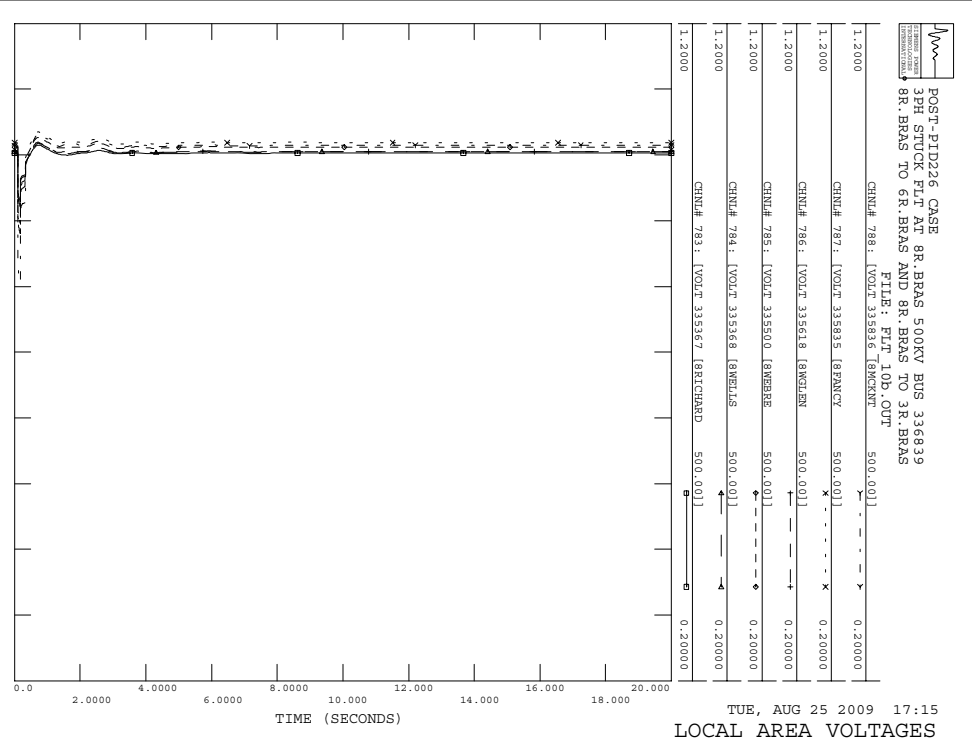


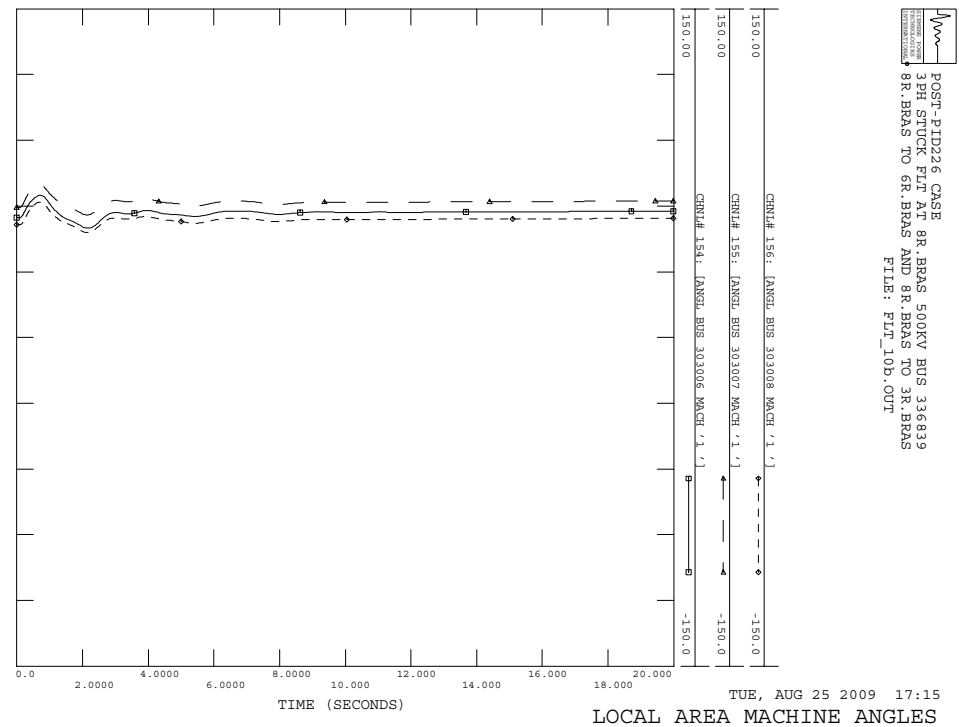
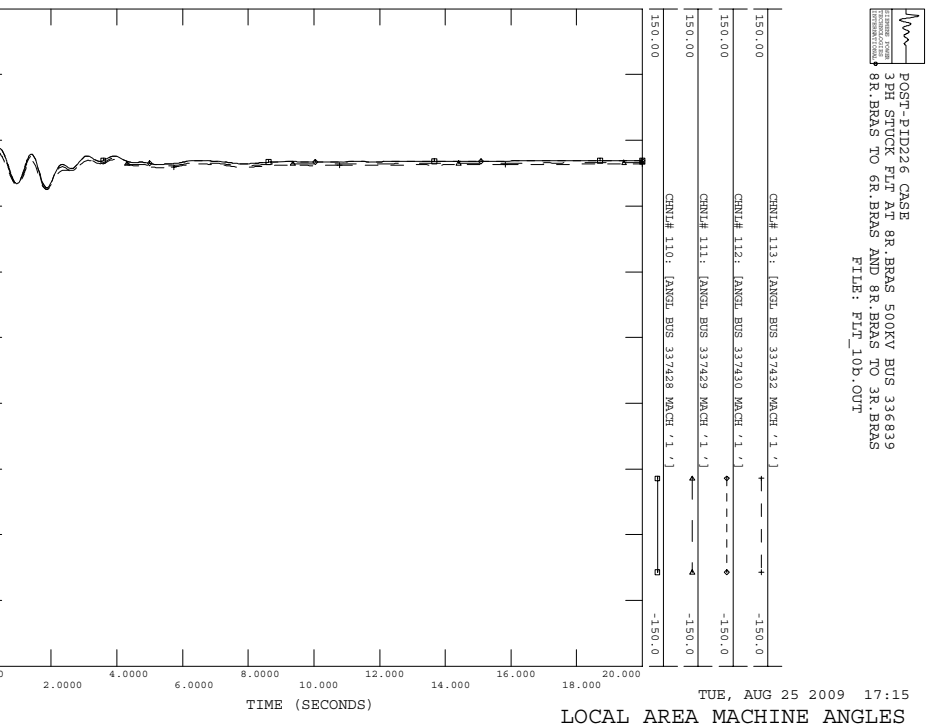
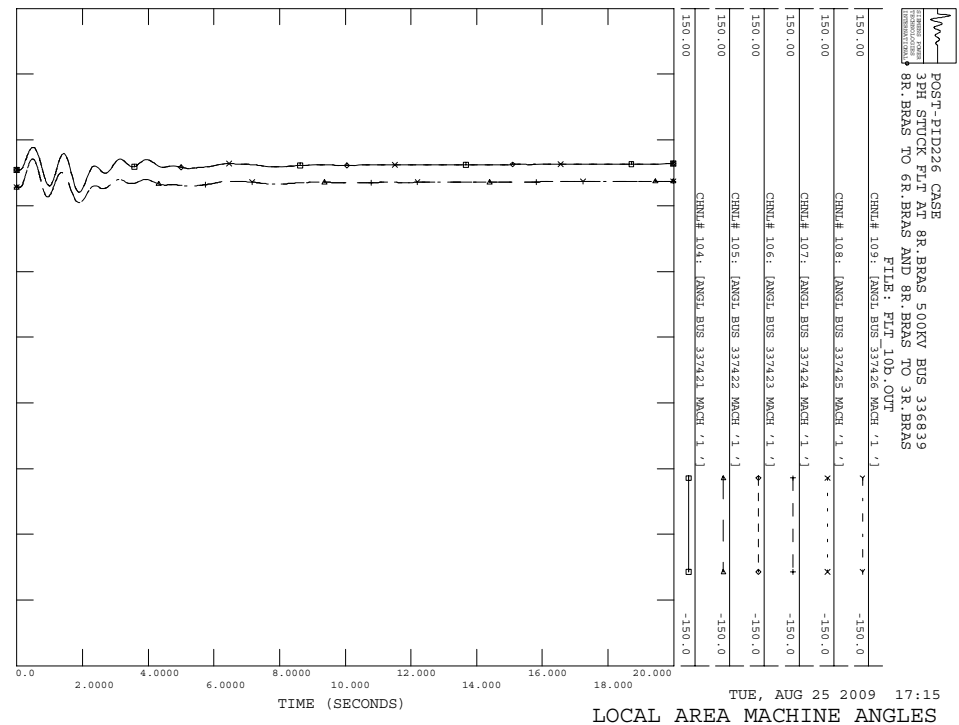
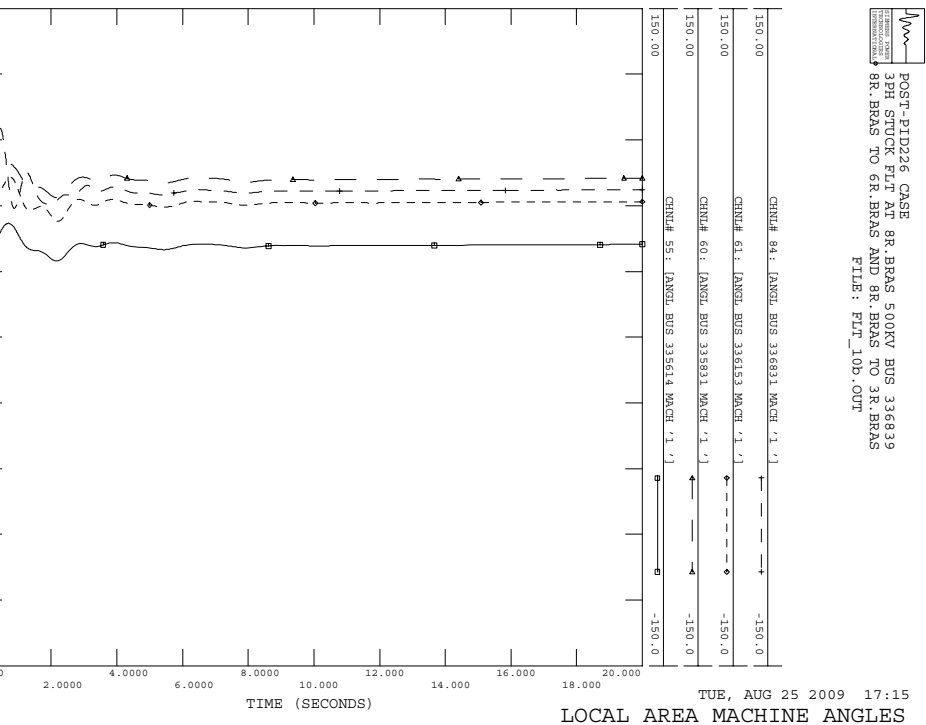
TUE, AUG 25 2009 17:15
 PID-226 PLOTS

C.32 FLT_10b

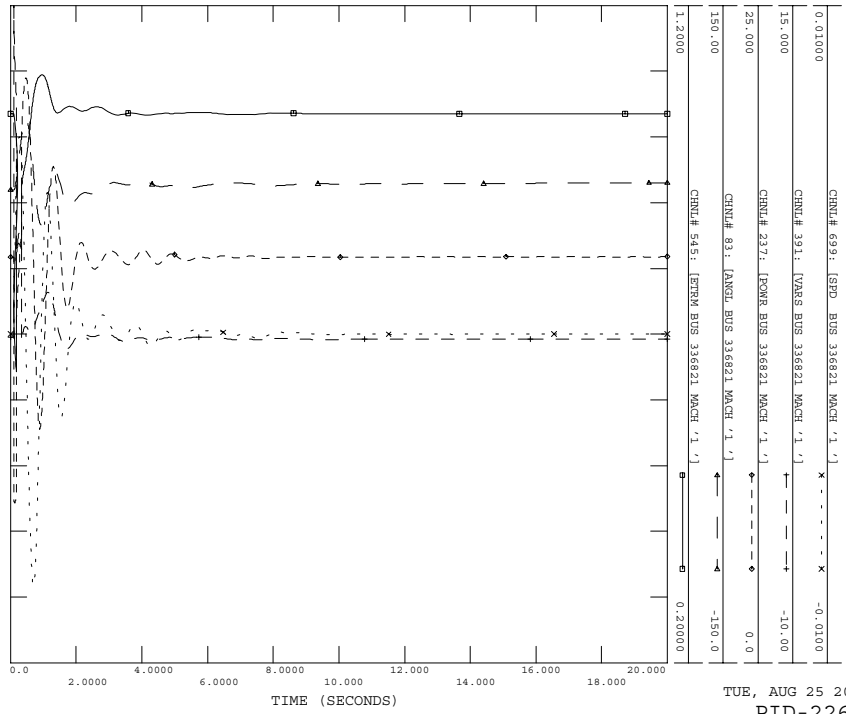
Stuck breaker fault on 8R.BRAS (#336839) to 6R.BRAS (#336840) transformer, near the 8R.BRAS.

- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 3R.BRAS.





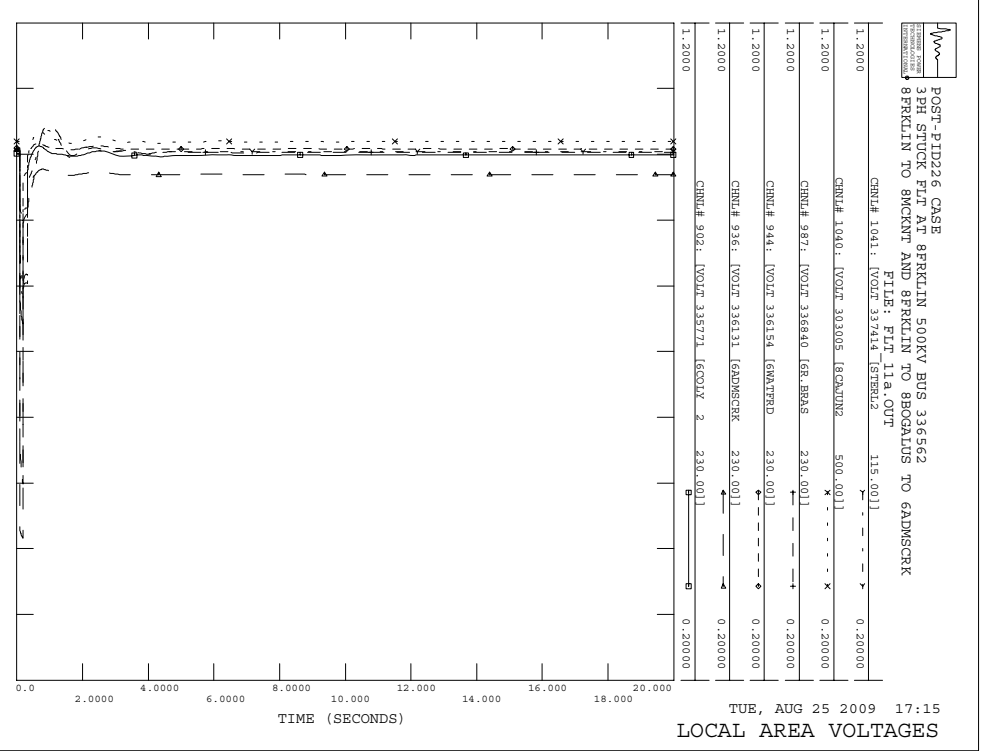
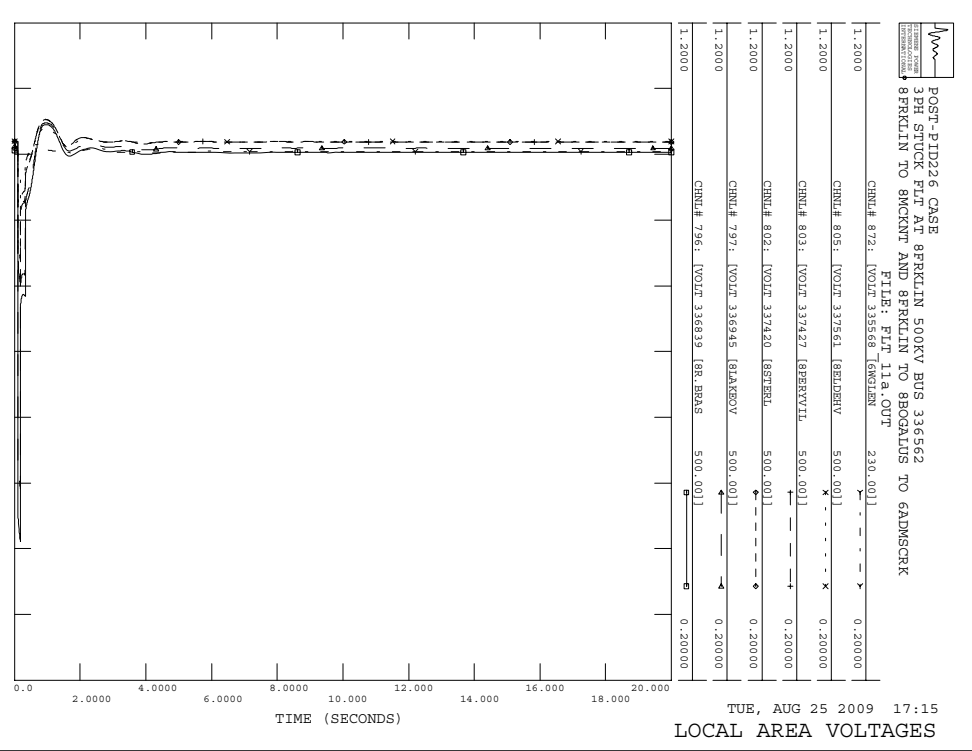
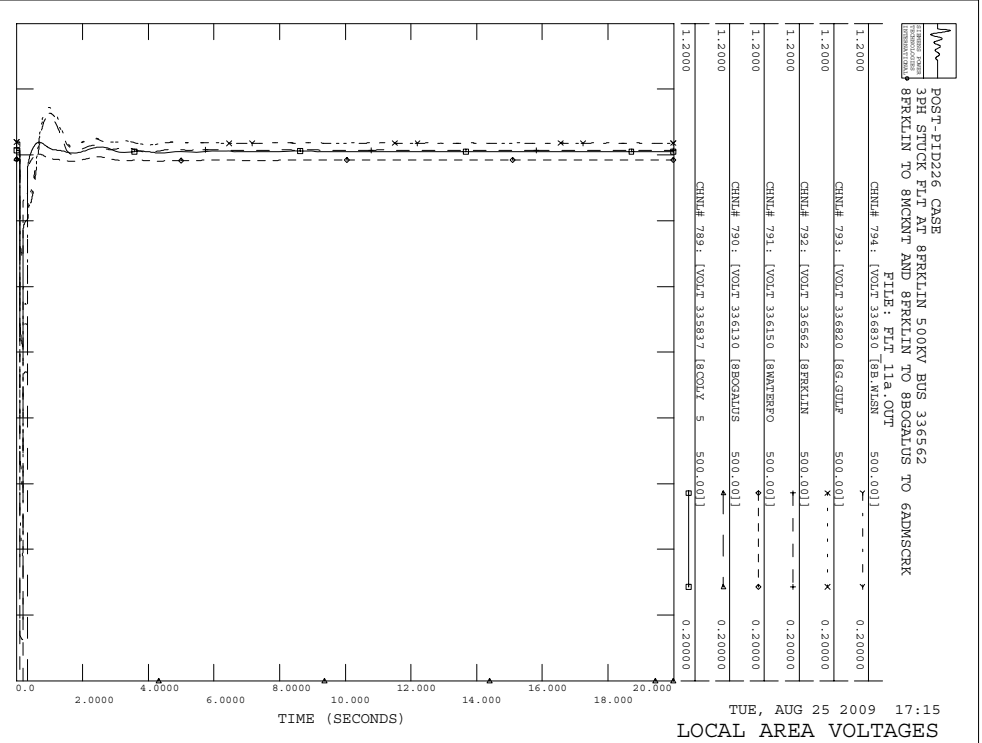
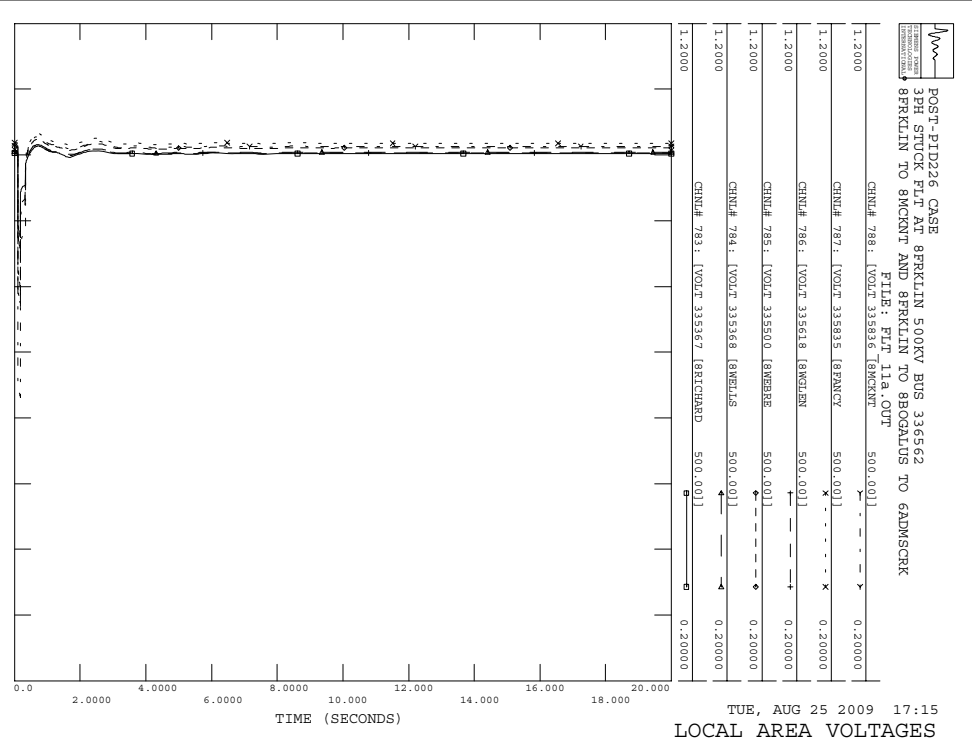
POST-PID226 CASE
3PH STOCK FLT AT 8R.BRAS 500KV BUS 336839
8R.BRAS TO 8R.BRAS AND 8R.BRAS TO 3R.BRAS
FILE: FLT_10D.OUT

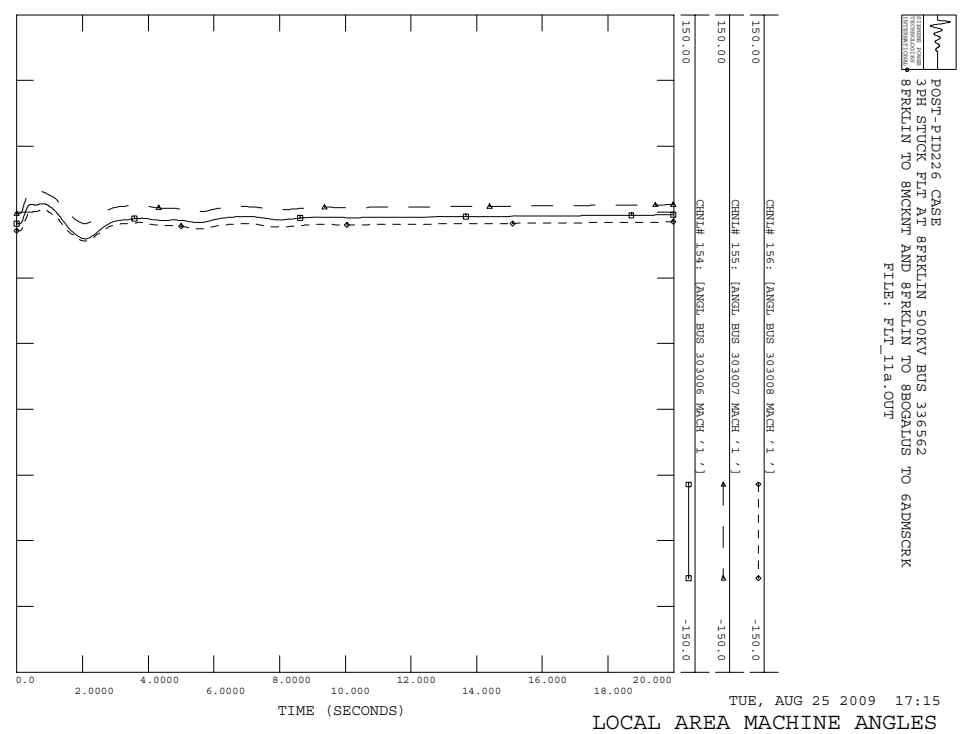
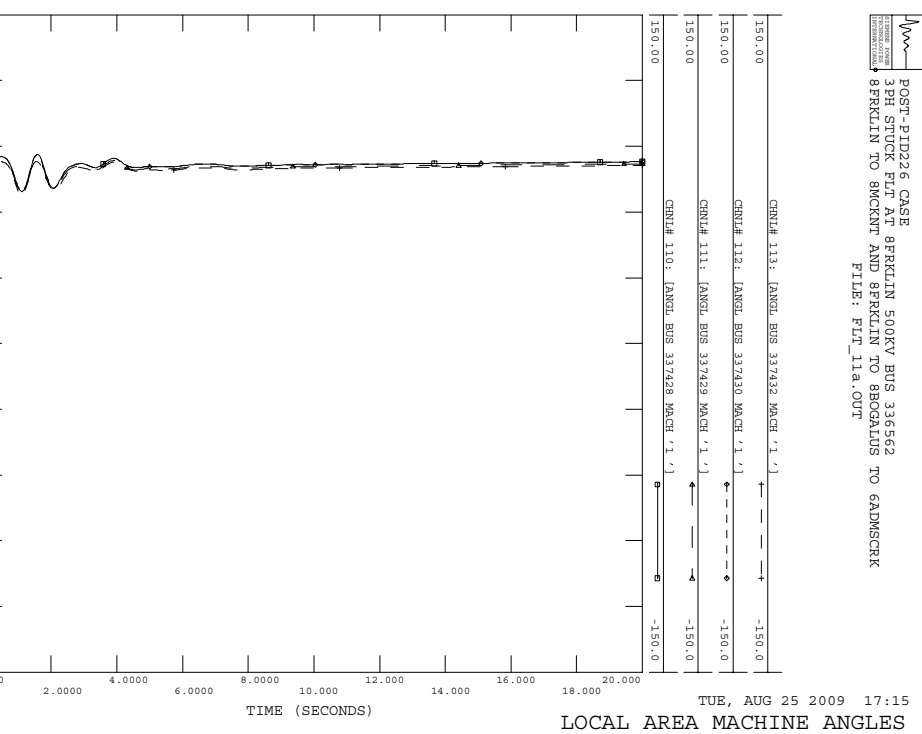
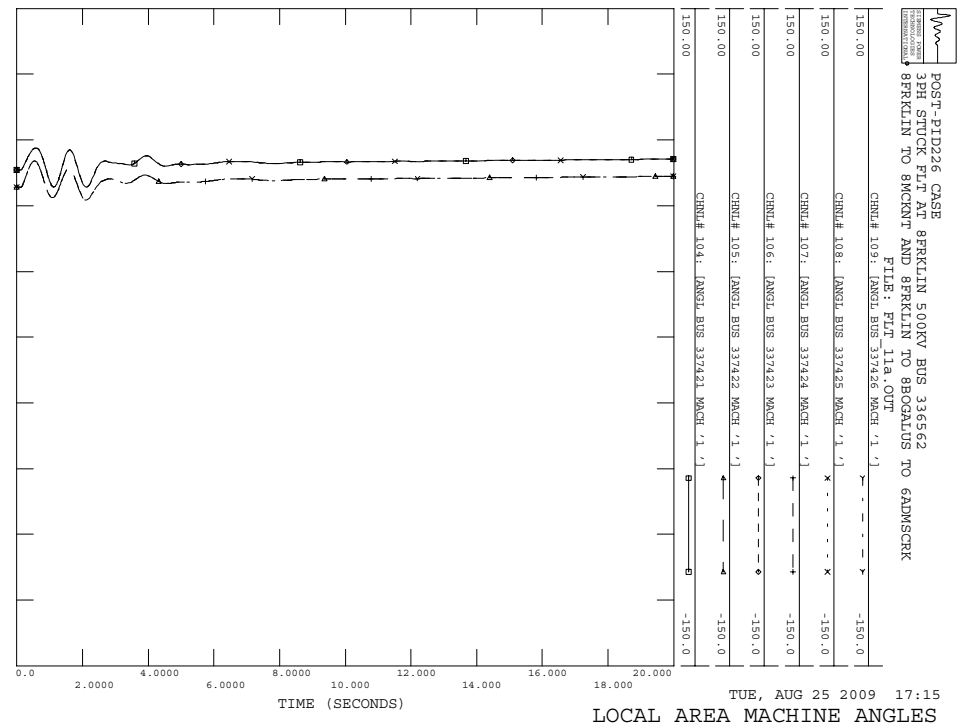
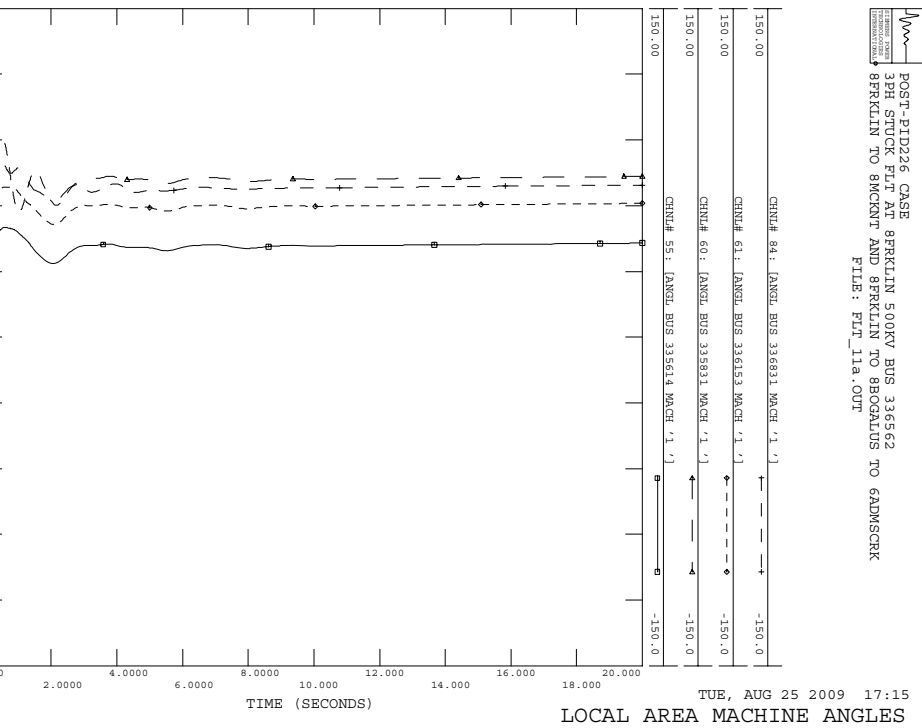


C.33 FLT_11a

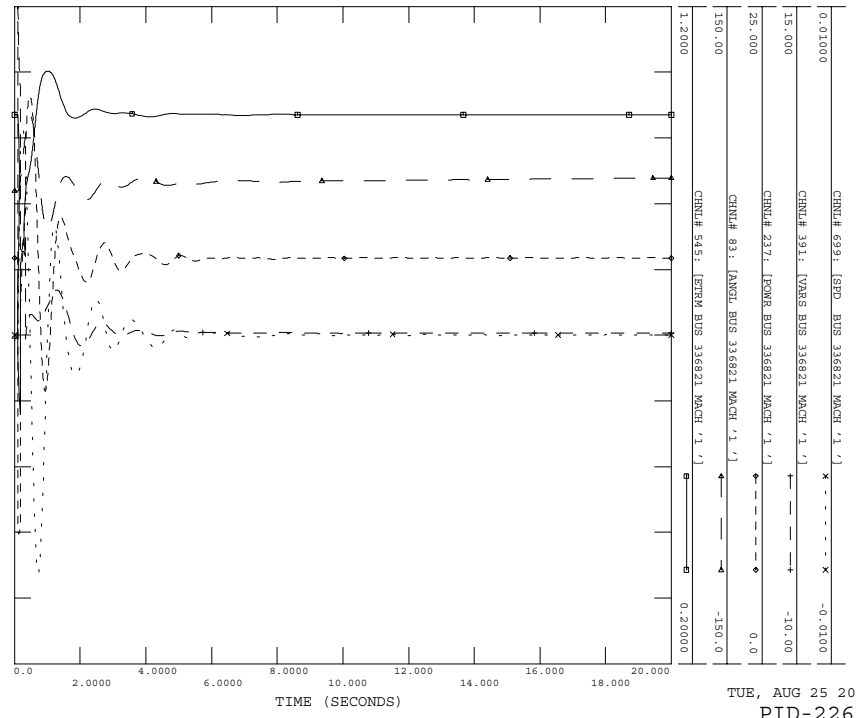
Stuck breaker fault on the 8FRKLIN (#336562) to 8MCKNT (#335836) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8MCKNT AND 8FRKLIN TO 8BOGALUS TO 6ADMSCRK





POST-PID226 CASE
 3PH STOCK FLT AT BRKLTN 500KV BUS 336562
 BRKLTN TO BRKLTN AND BRKLTN TO 8902ALUS TO 6ADMSCRK
 FILE: FLT_11A.OUT

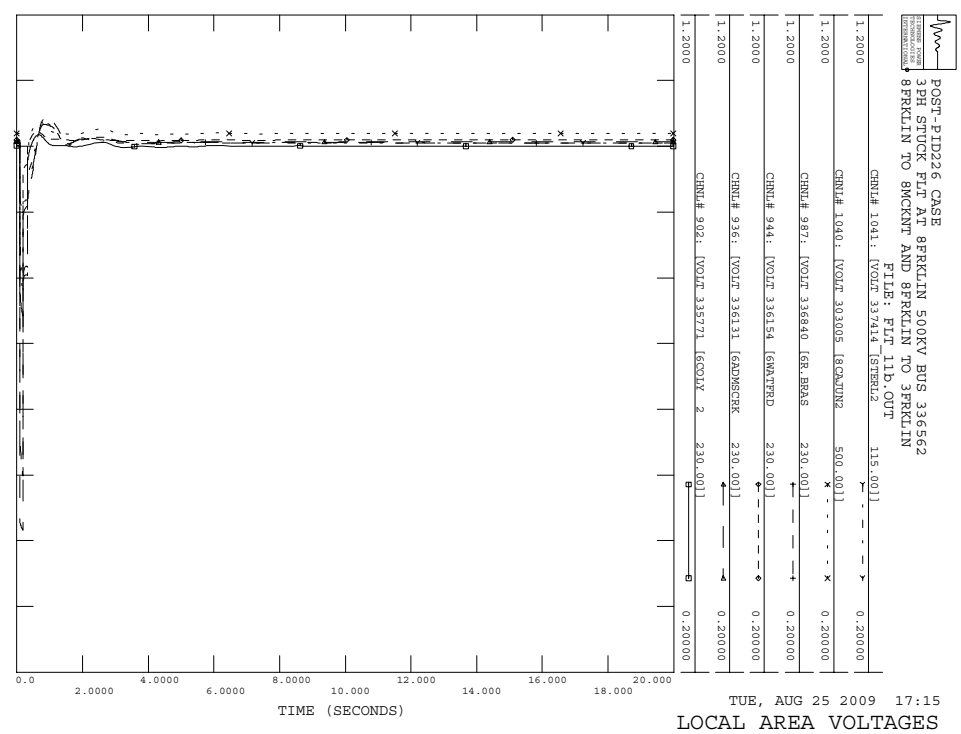
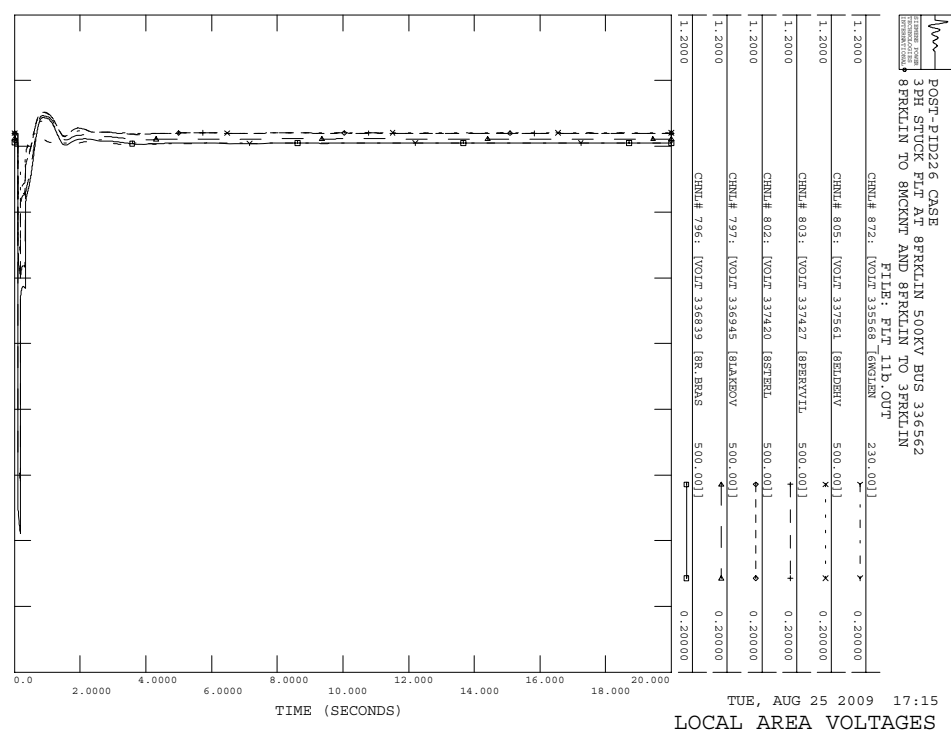
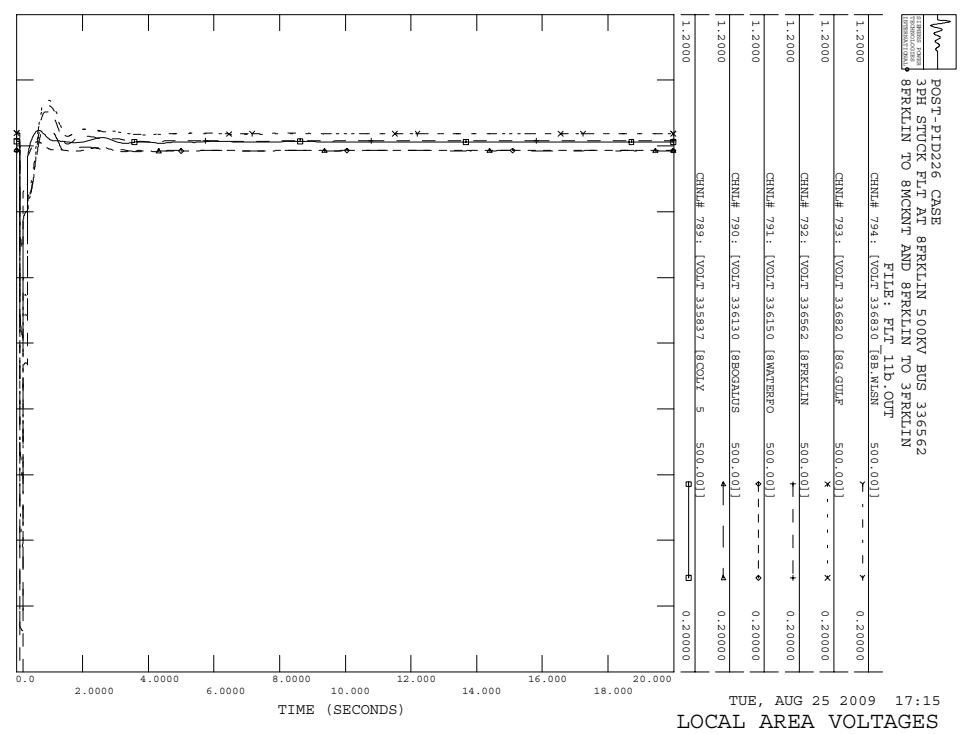
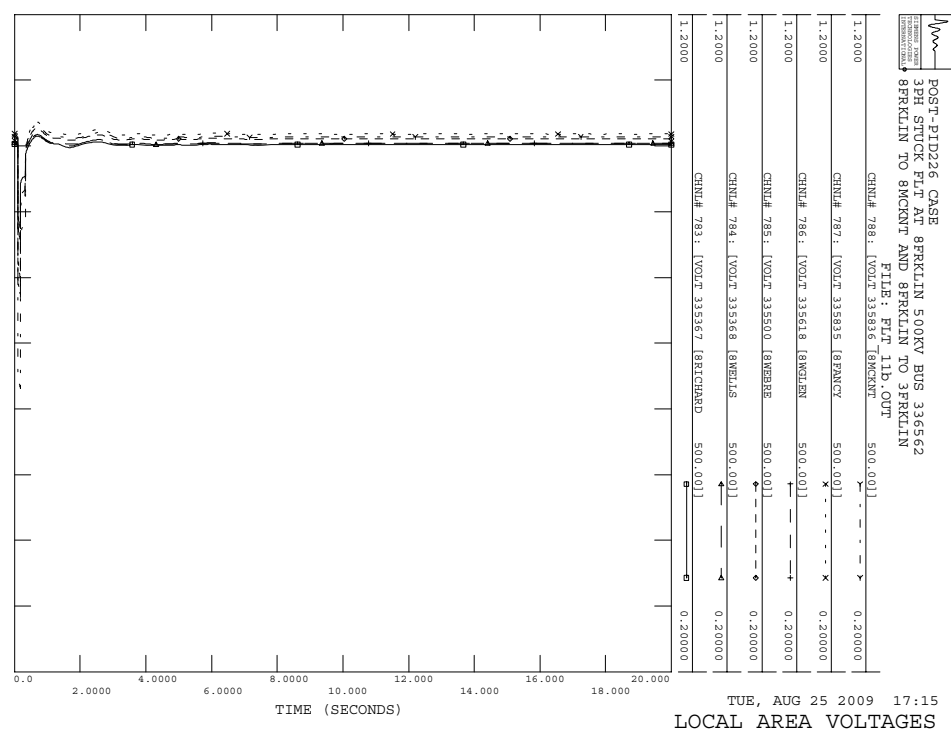


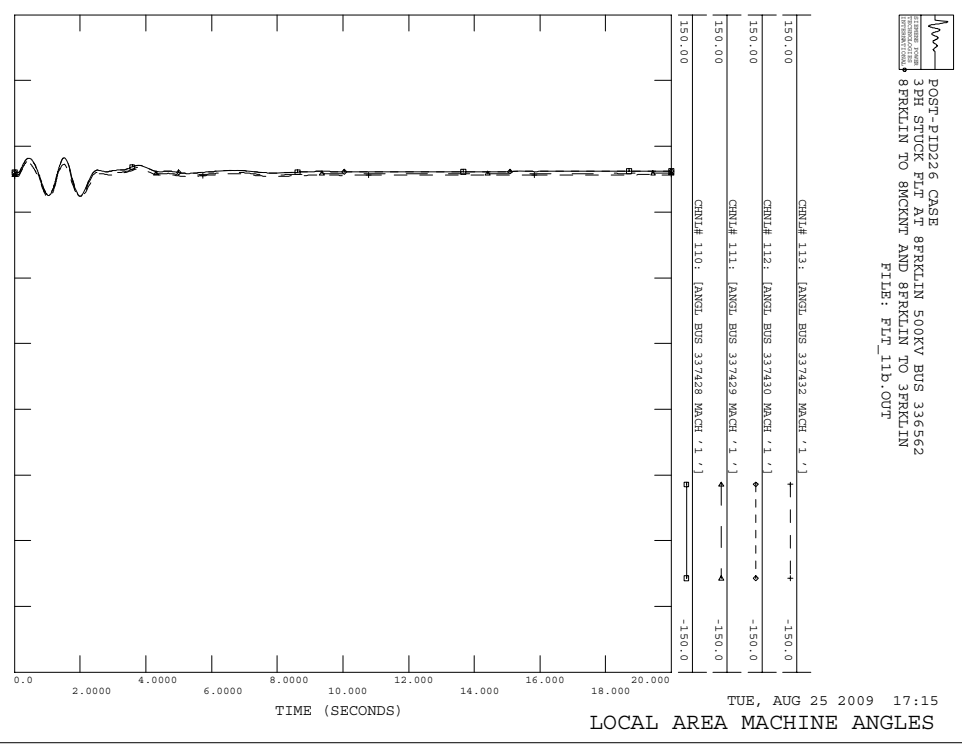
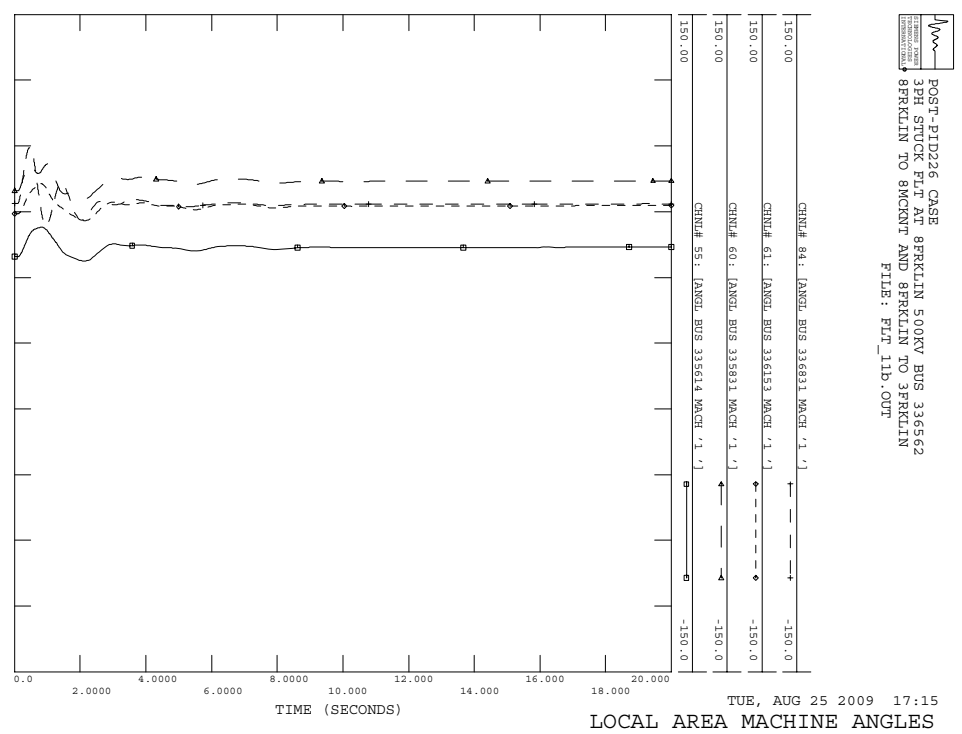
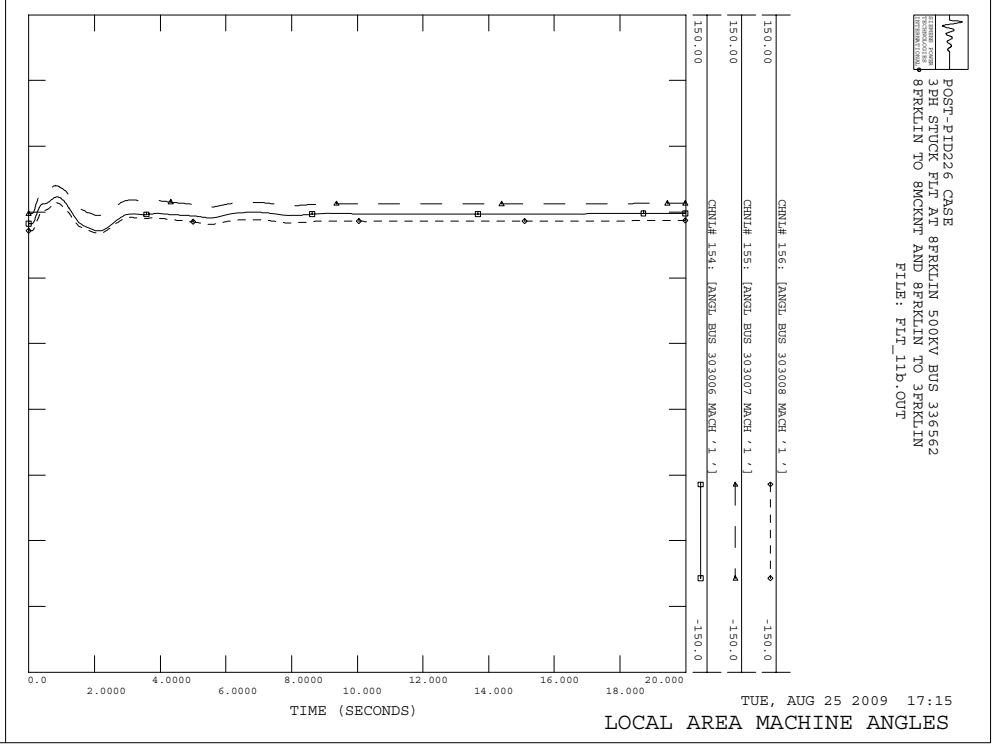
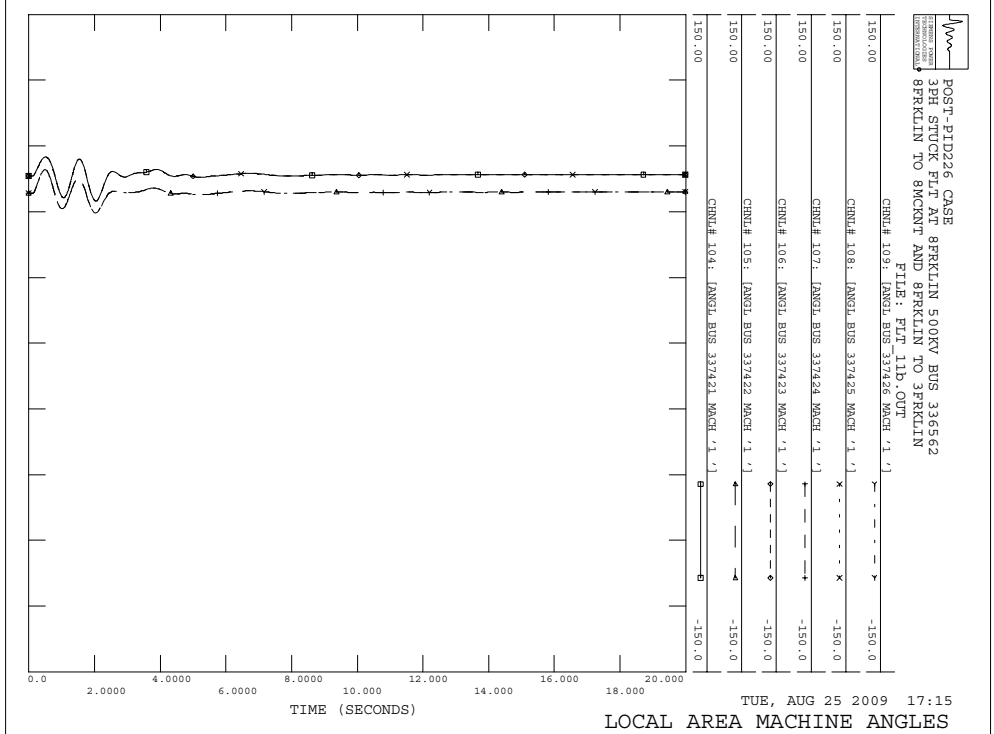
TUE, AUG 25 2009 17:15
 PID-226 PLOTS


C.34 FLT_11b

Stuck breaker fault on the 8FRKLIN (#336562) to 8MCKNT (#335836) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8MCKNT AND 8FRKLIN TO 8BOGALUS TO 6ADMSCRK





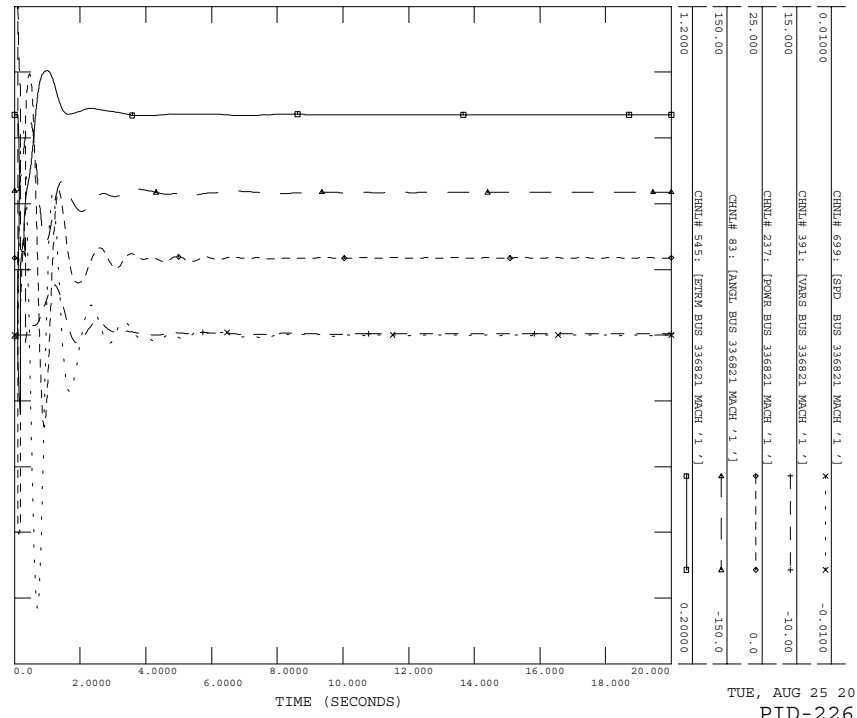


 POST-PID226 CASE

 3PH STOCK FLT AT 8PRKLN 500KV BUS 336562

 8PRKLN TO 8PRKLN AND 8PRKLN TO 3PRKLN

 FILE: FLT_11D.OUT

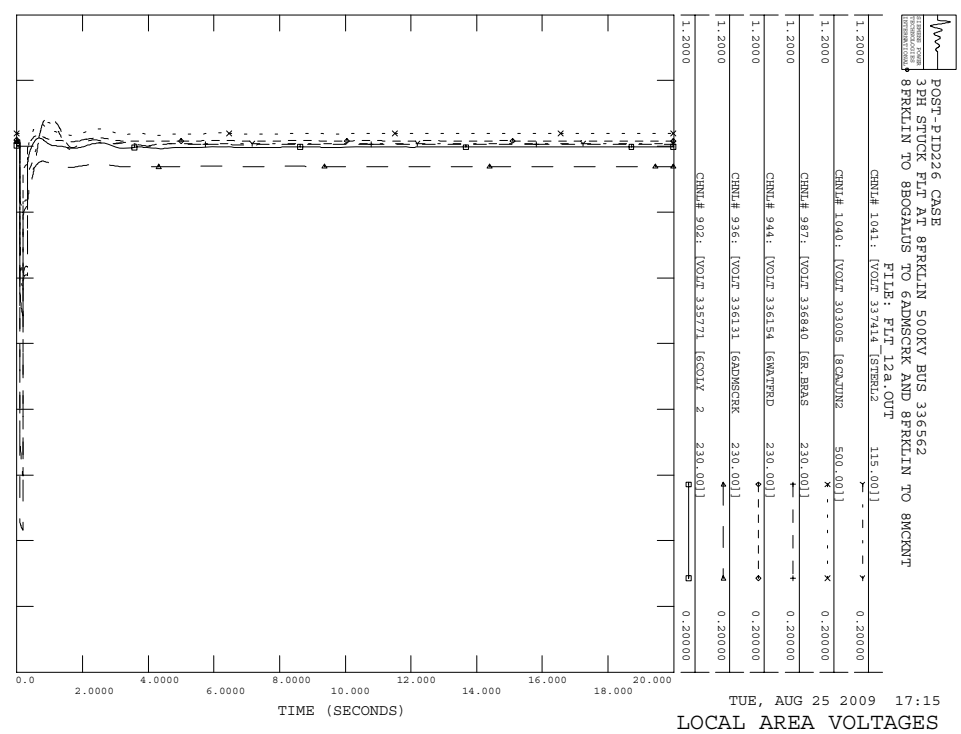
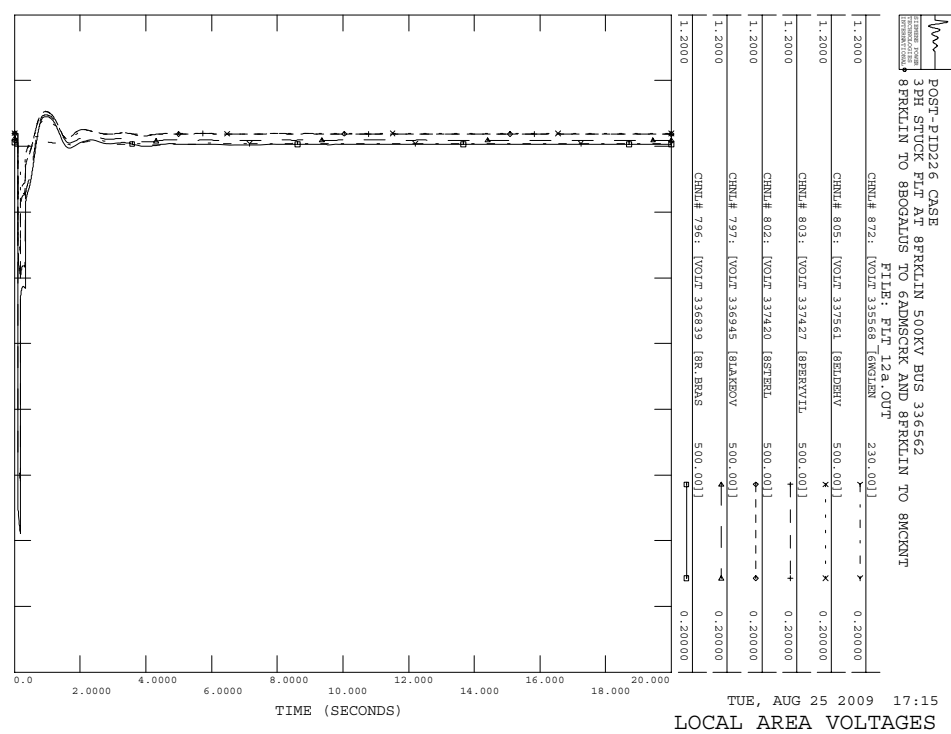
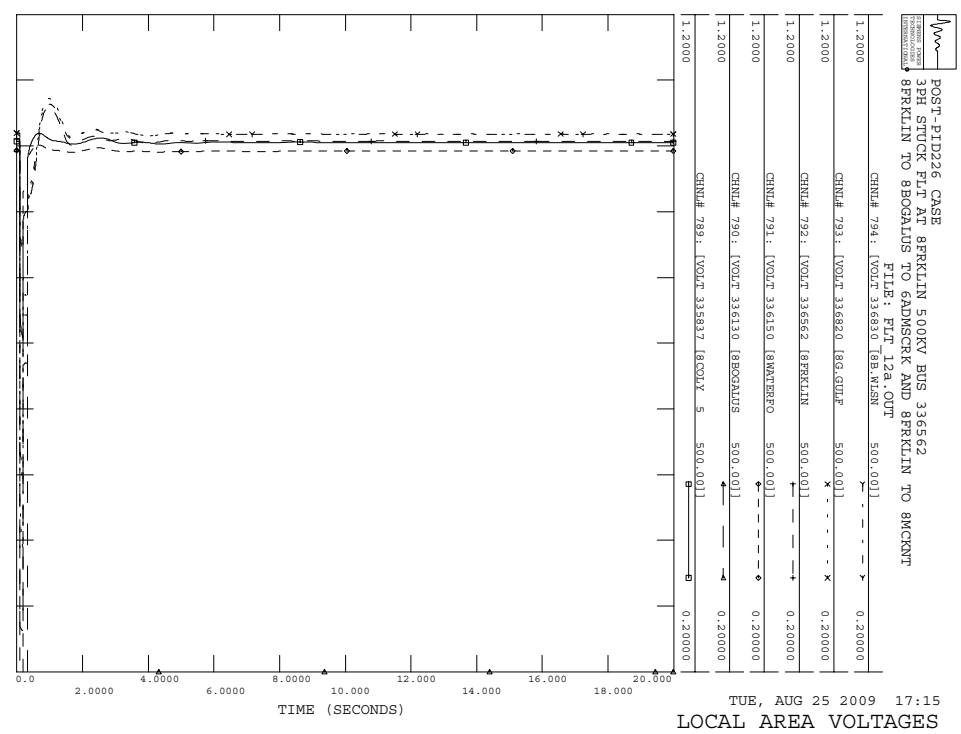
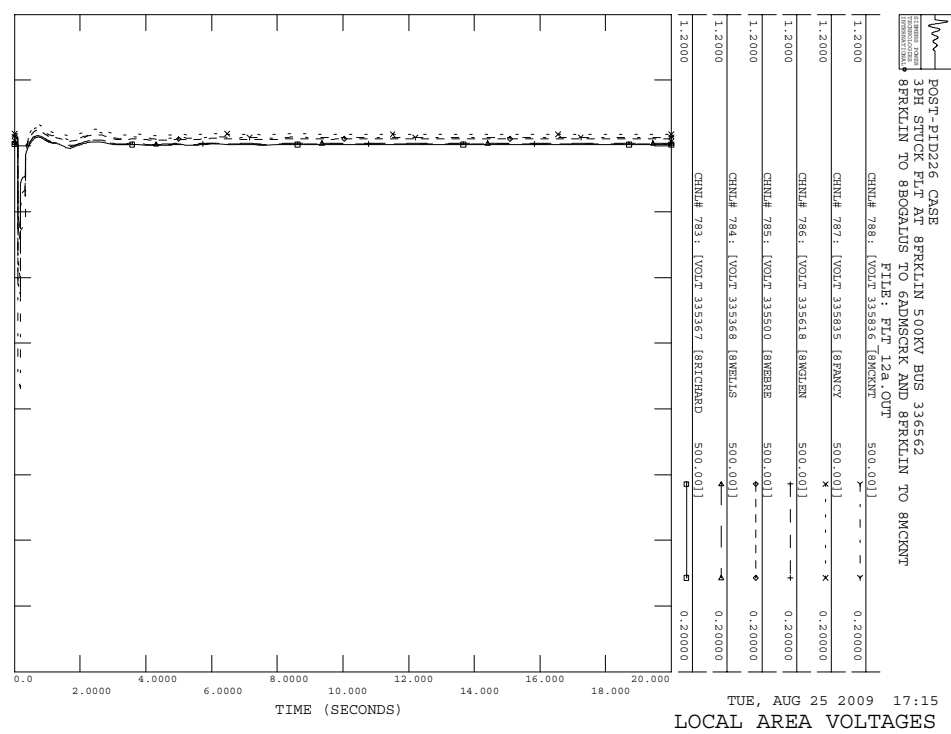


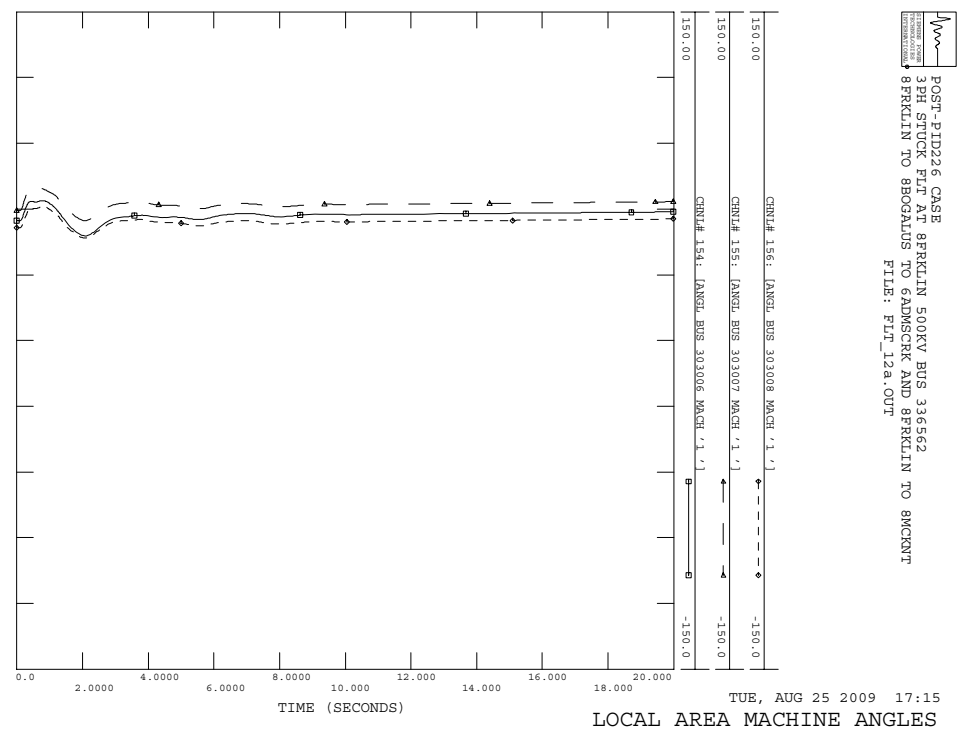
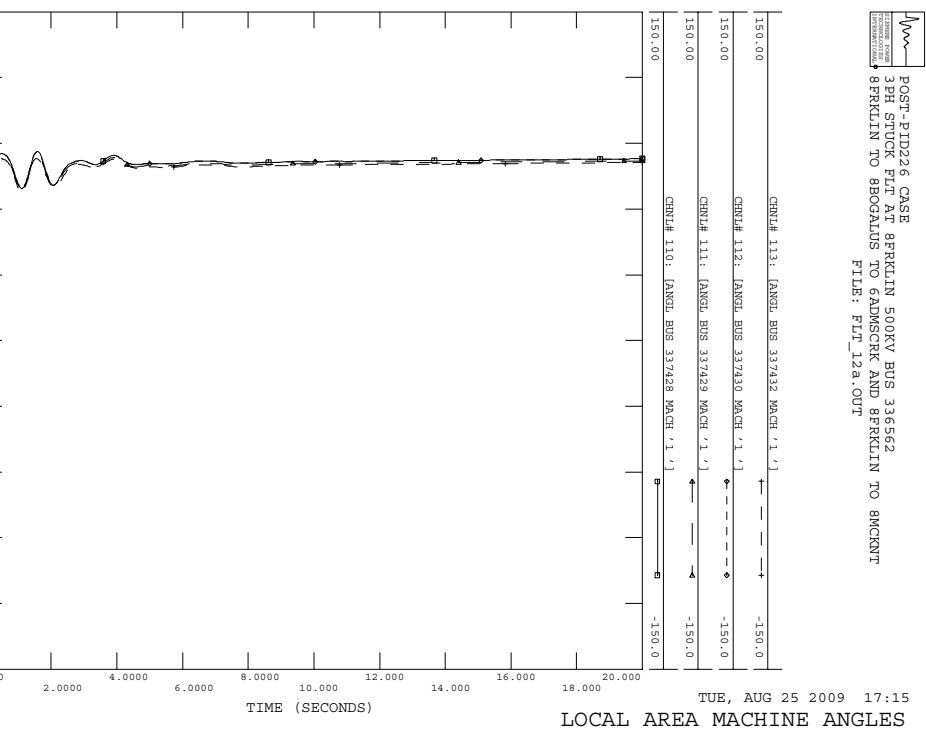
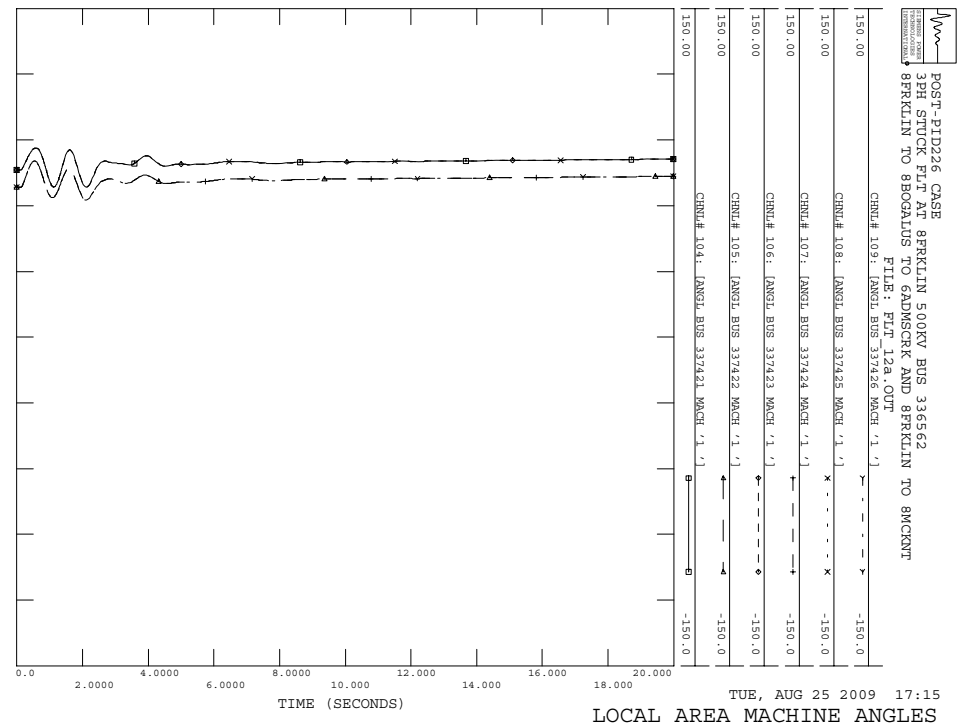
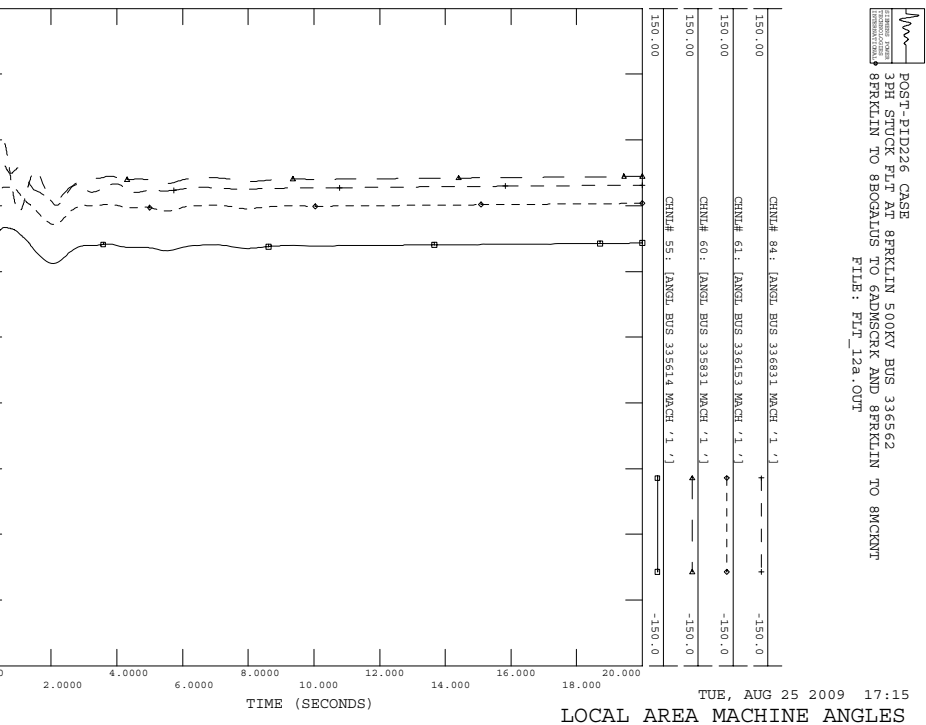
TUE, AUG 25 2009 17:15
 PID-226 PLOTS

C.35 FLT_12a

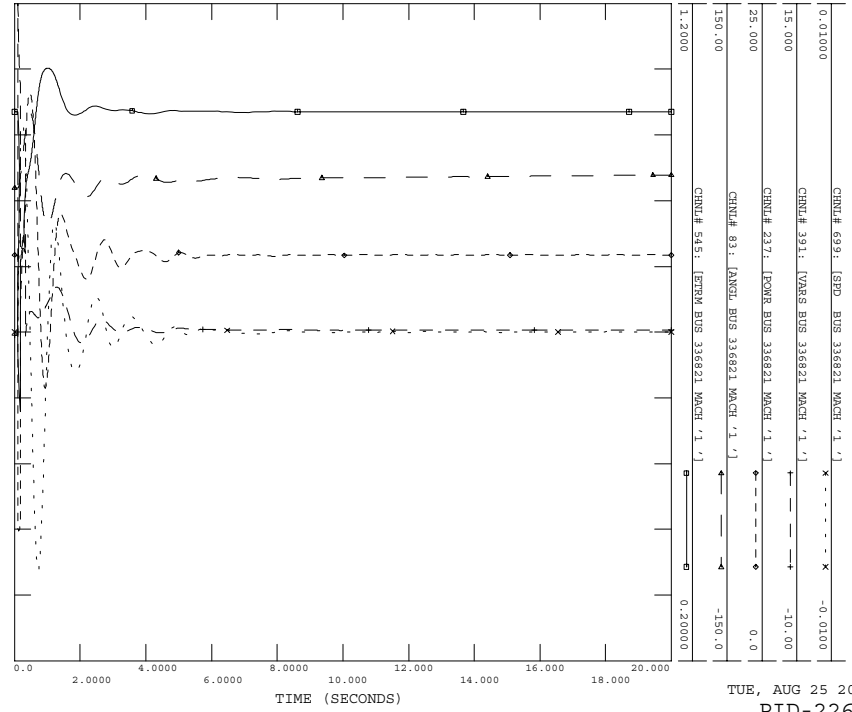
Stuck breaker fault on the 8FRKLIN (#336562) to 8BOGALUS to 6ADMSCRK(#336131) branch, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8BOGALUS TO 6ADMSCRK AND 8FRKLIN TO 8MCKNT





POST-PID226 CASE
3PH STOCK FLT AT BRKLN 500KV BUS 336562
BRKLN TO BRDOLLS TO GADSKRK AND BRKLN TO 8MCRNT
FILE: FLT_12A.OUT

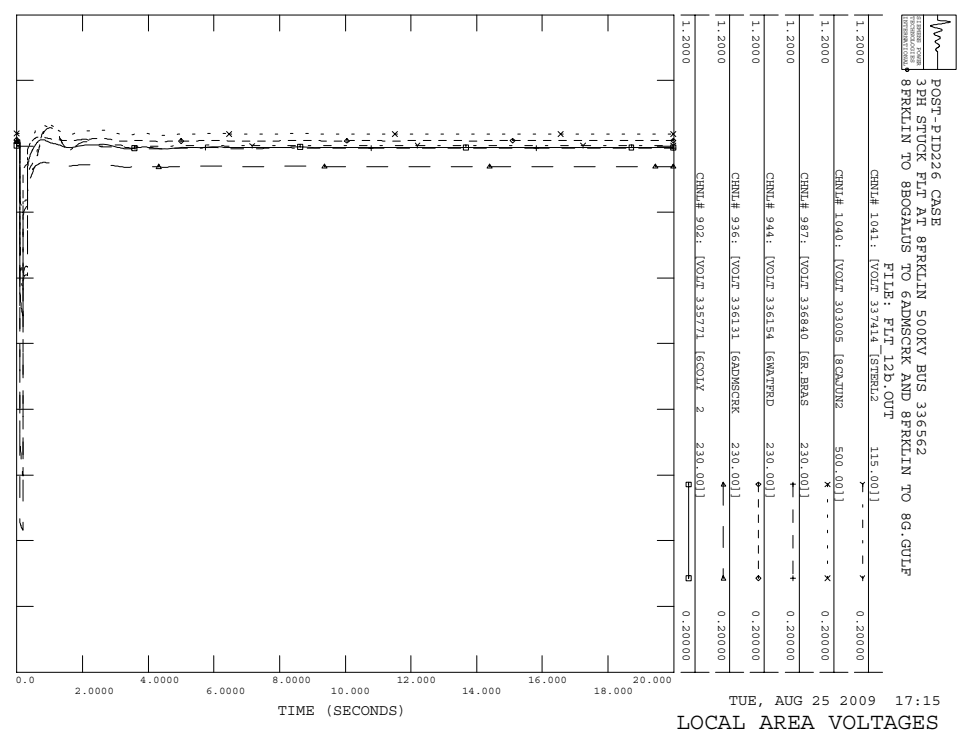
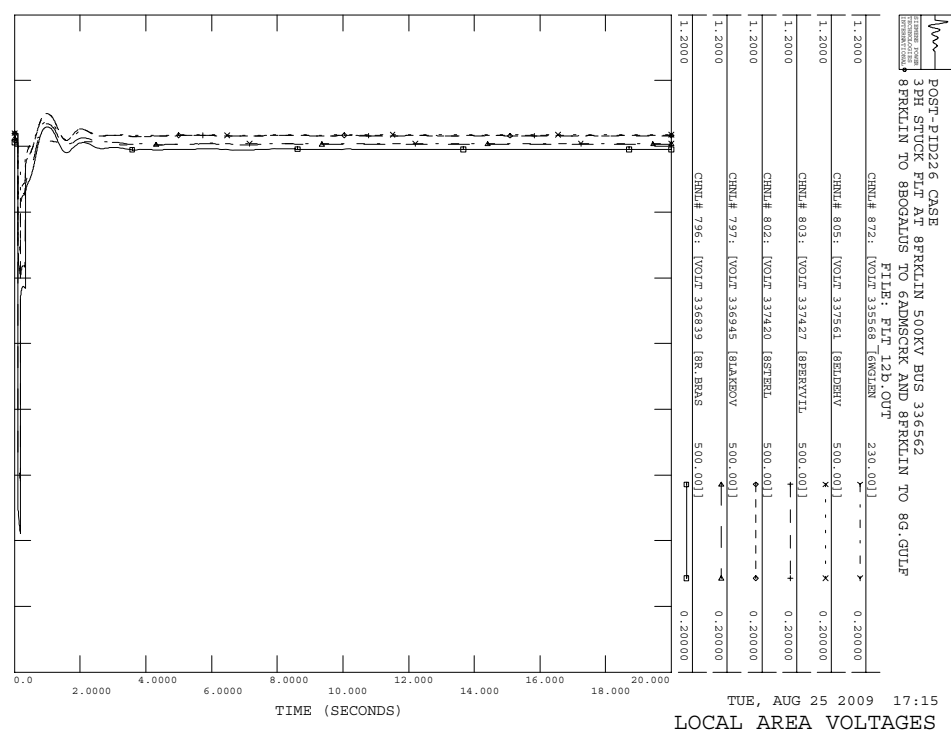
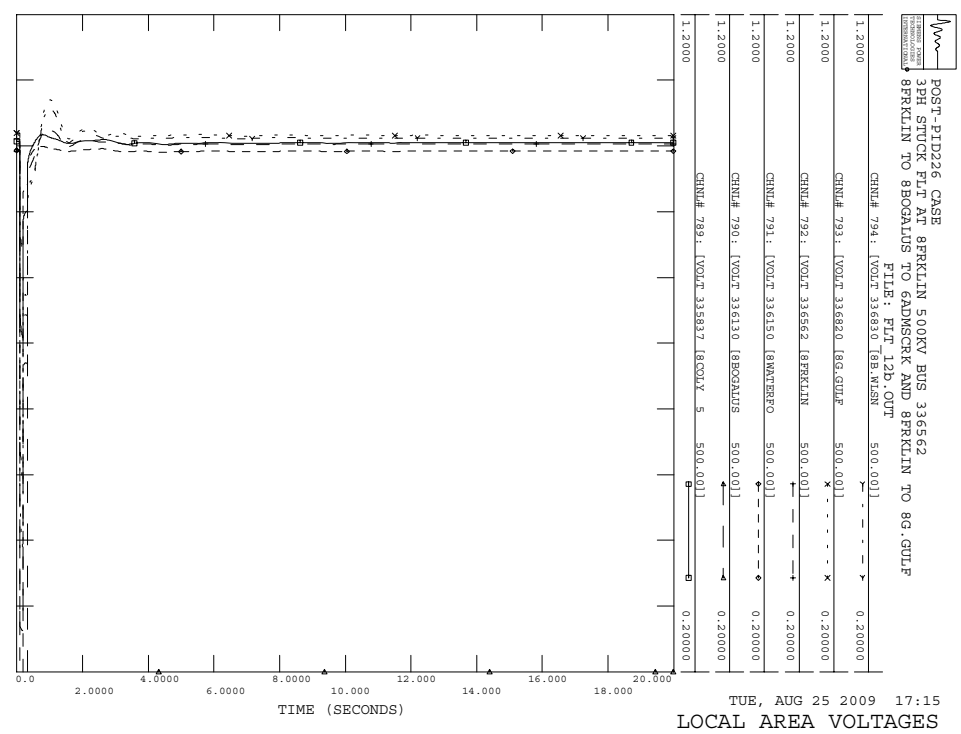
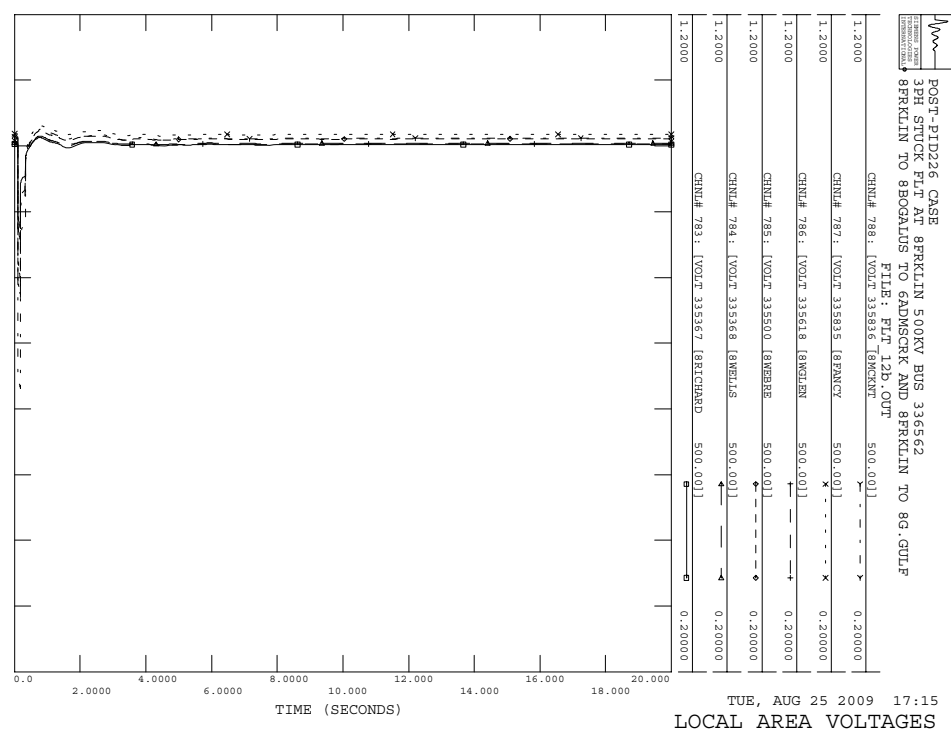


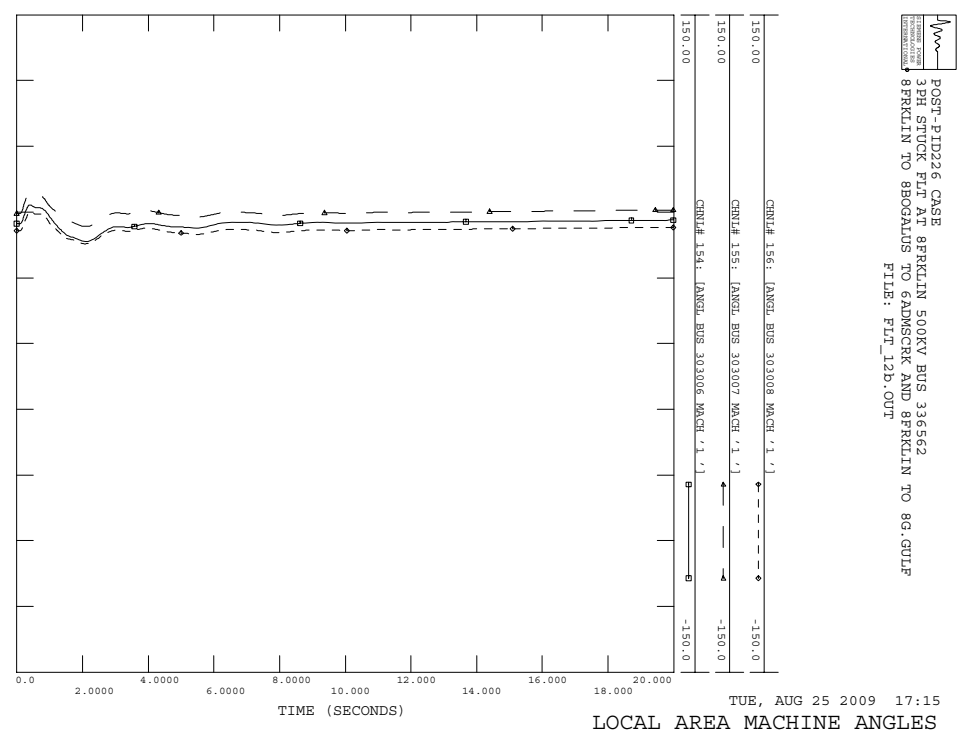
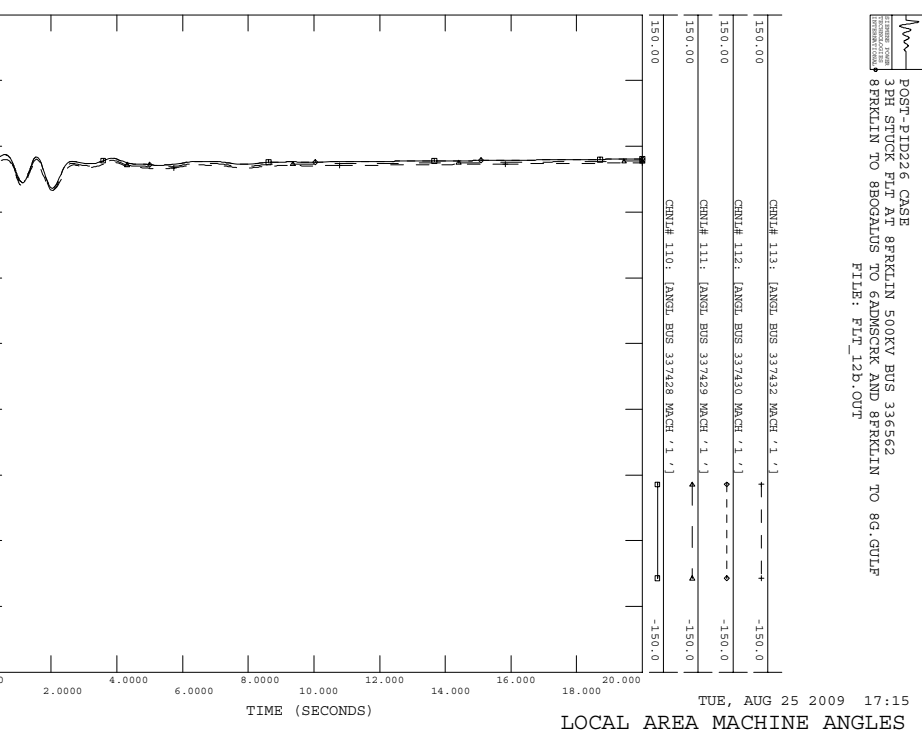
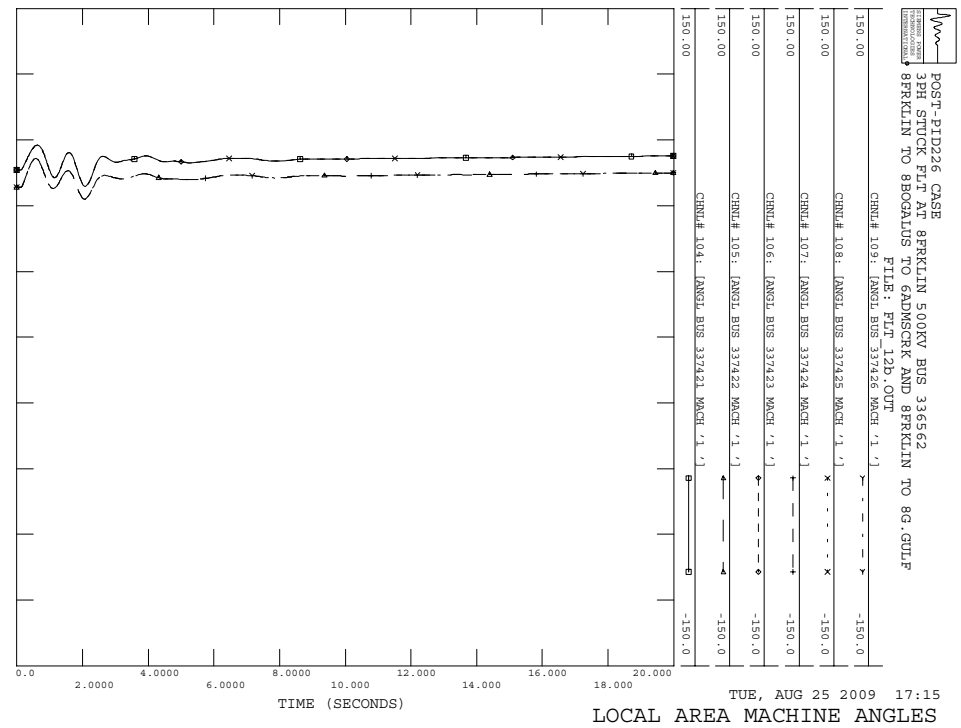
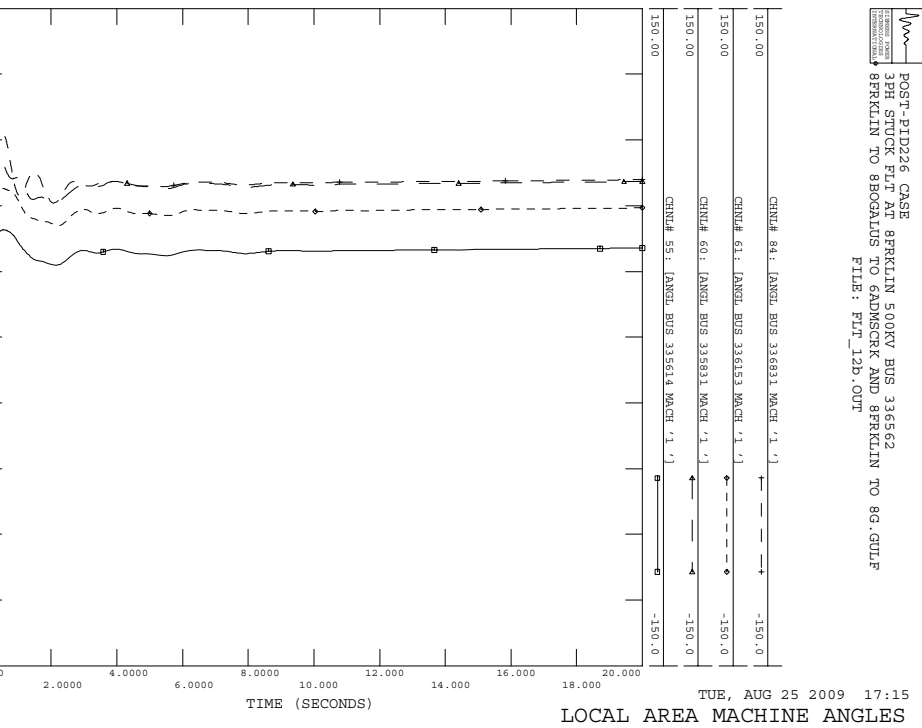
TUE, AUG 25 2009 17:15
PID-226 PLOTS

C.36 FLT_12b

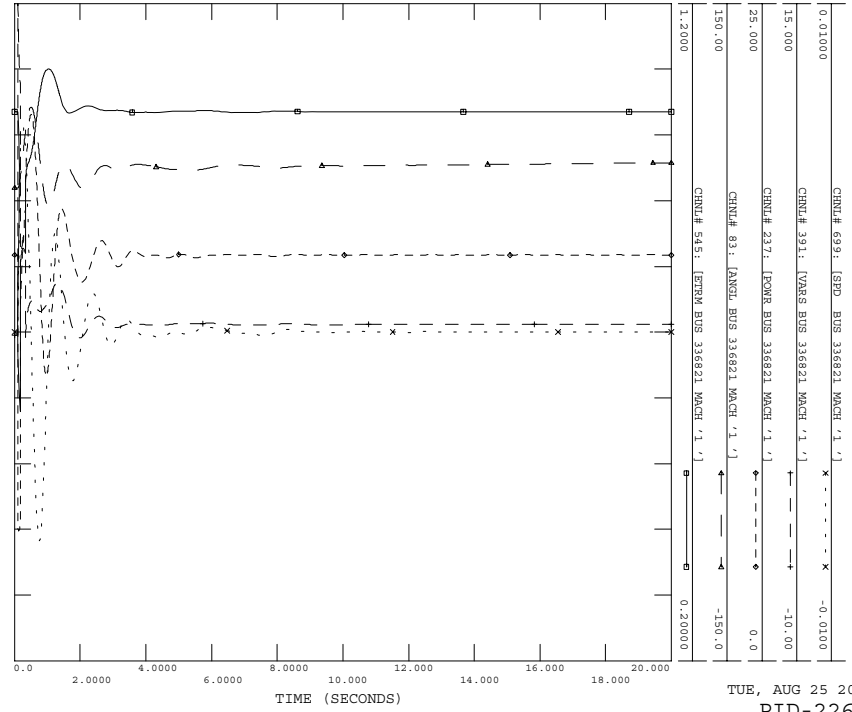
Stuck breaker fault on the 8FRKLIN (#336562) to 8BOGALUS to 6ADMSCRK(#336131) branch, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8BOGALUS TO 6ADMSCRK AND 8FRKLIN TO 8G.GULF





POST-PID226 CASE
 3PH STOCK FLT AT BRKLN 500KV BUS 336562
 BRKLN TO 8900LUS TO GADSCRK AND BRKLN TO 89.GULF
 FILE: FLT_12B.OUT

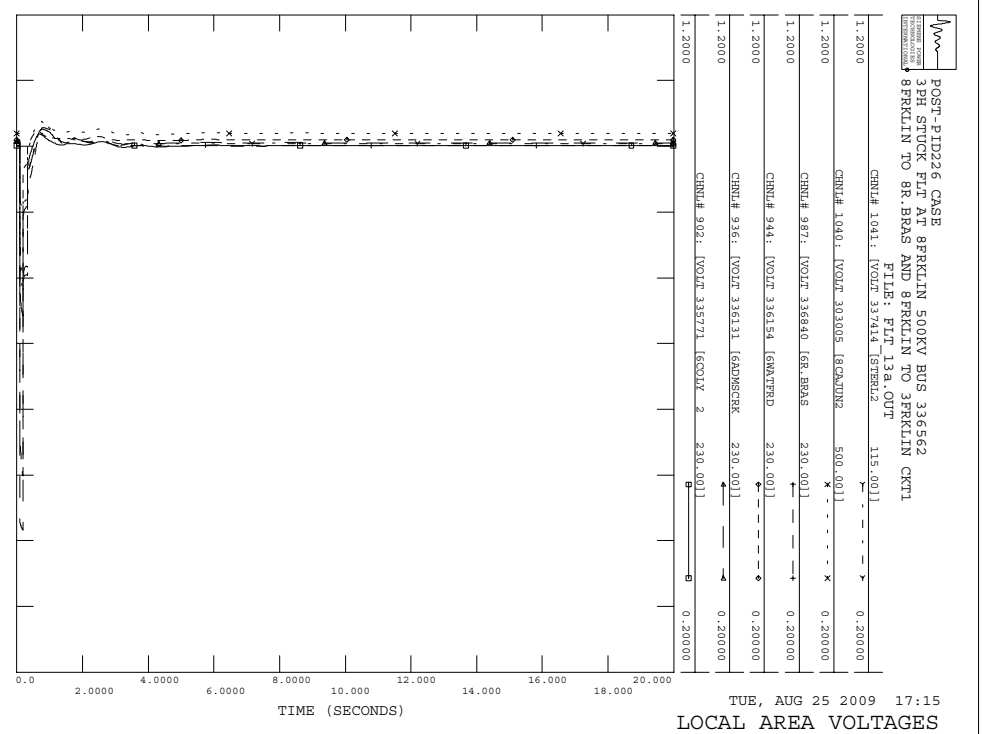
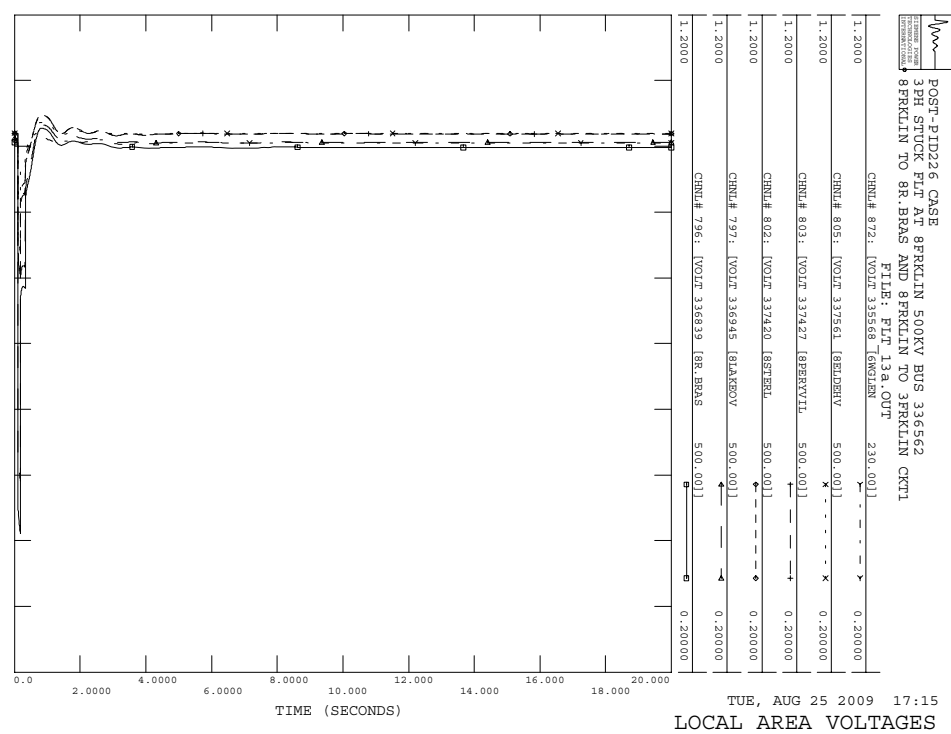
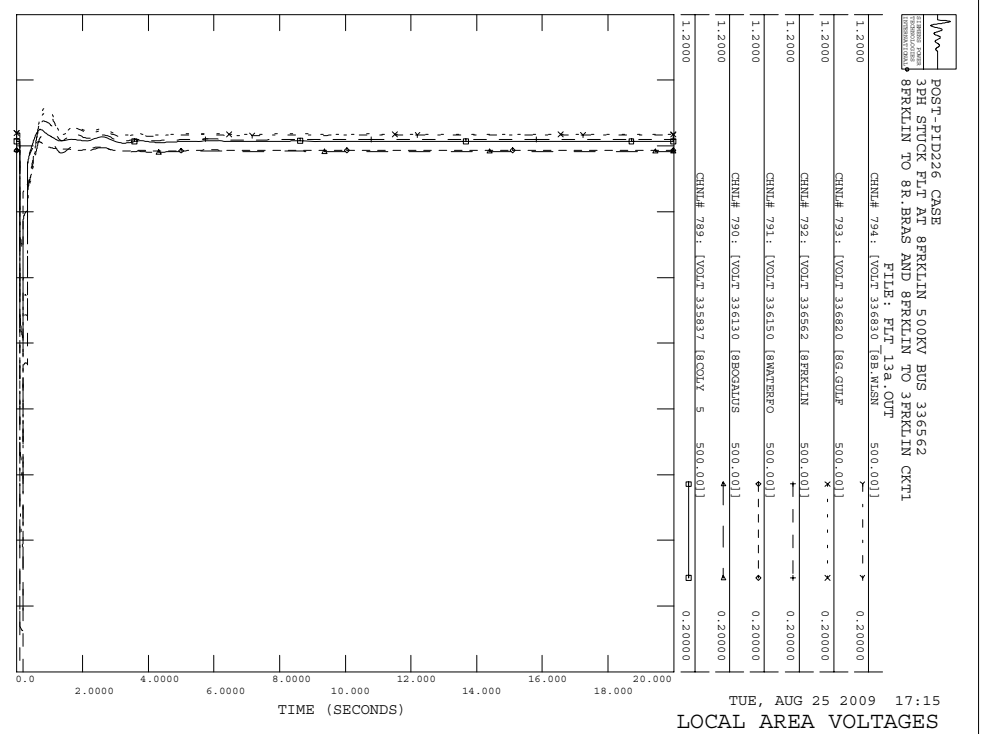
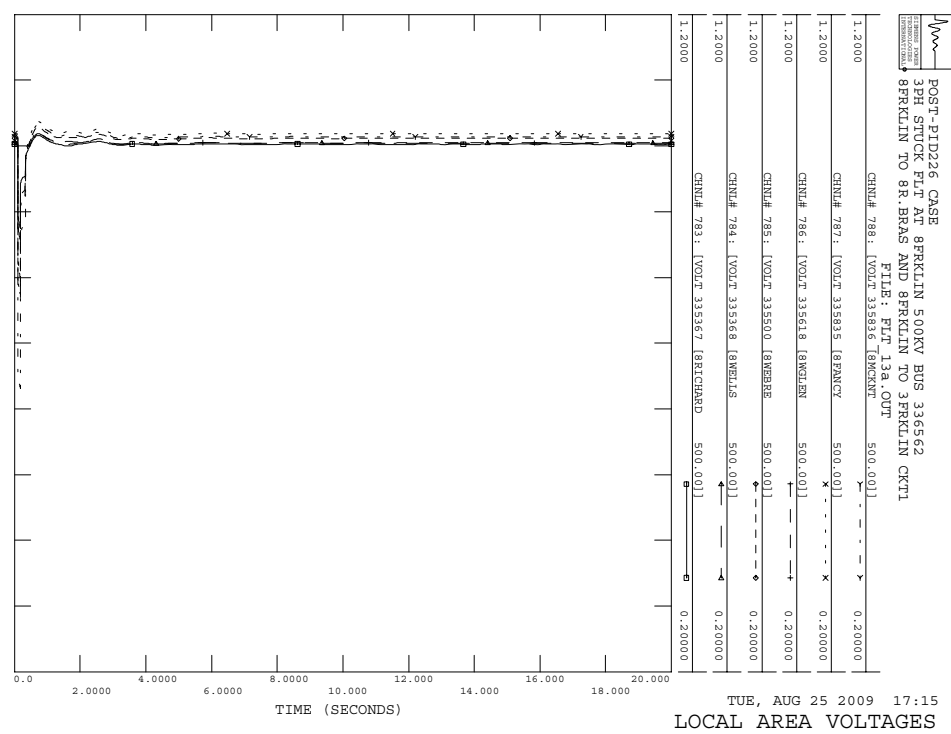


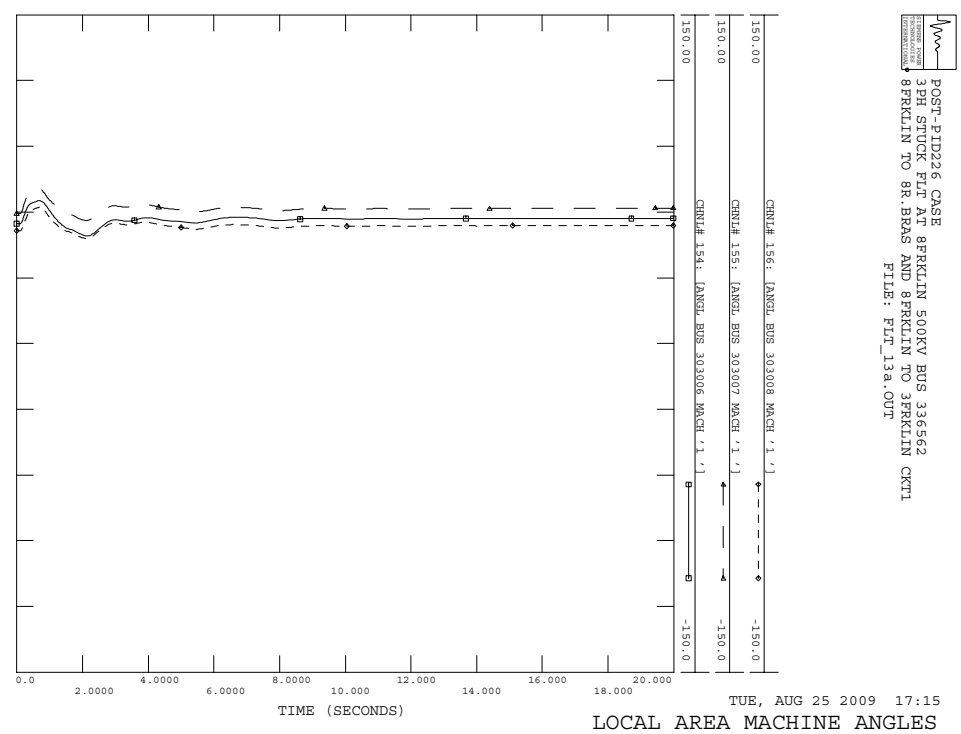
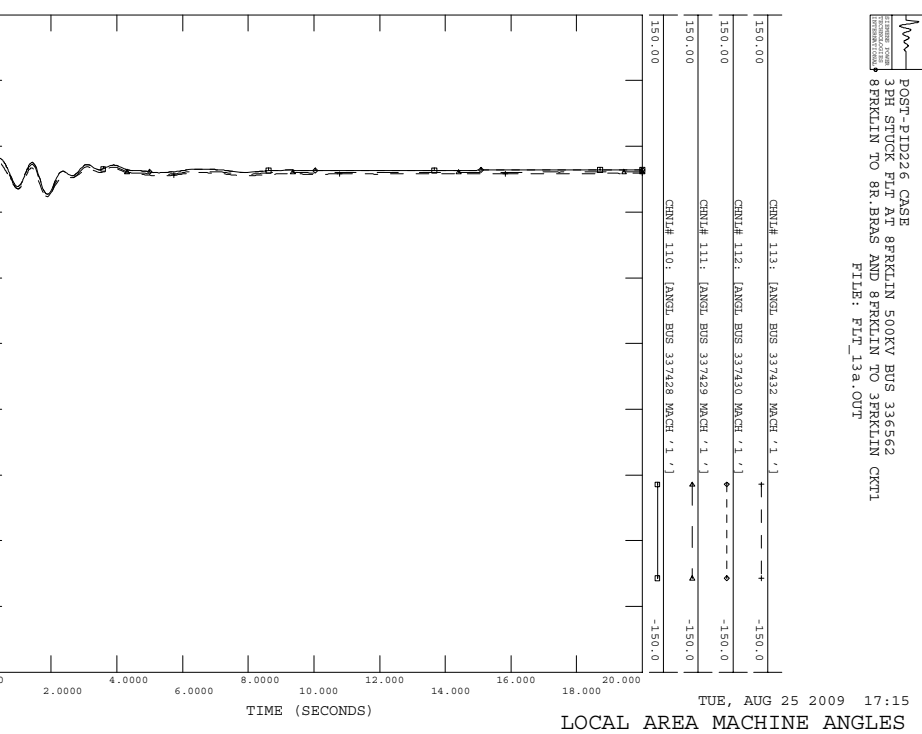
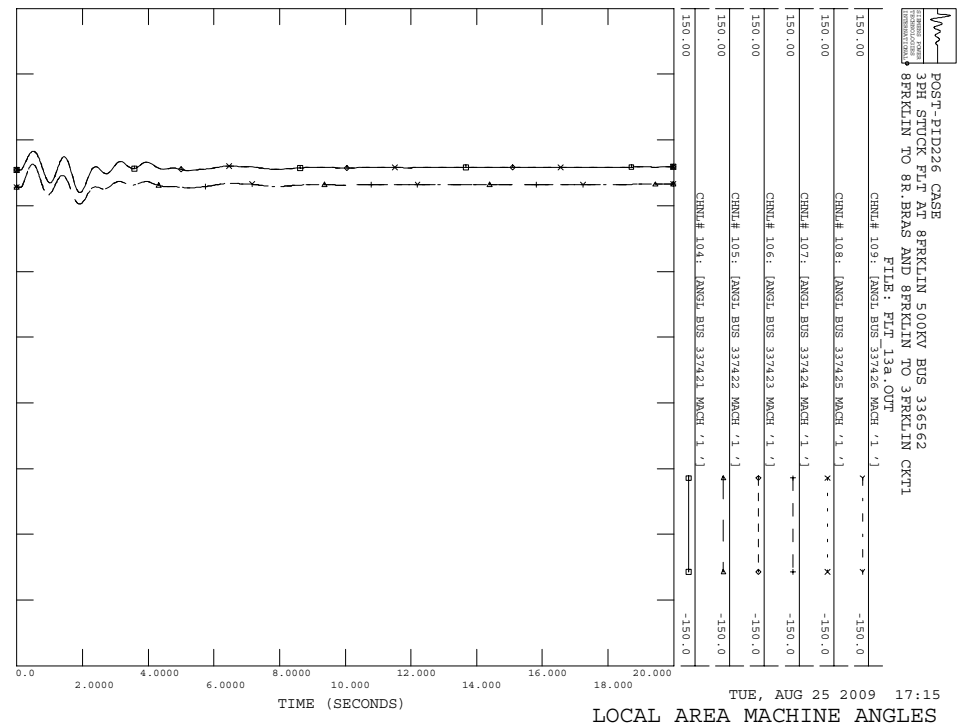
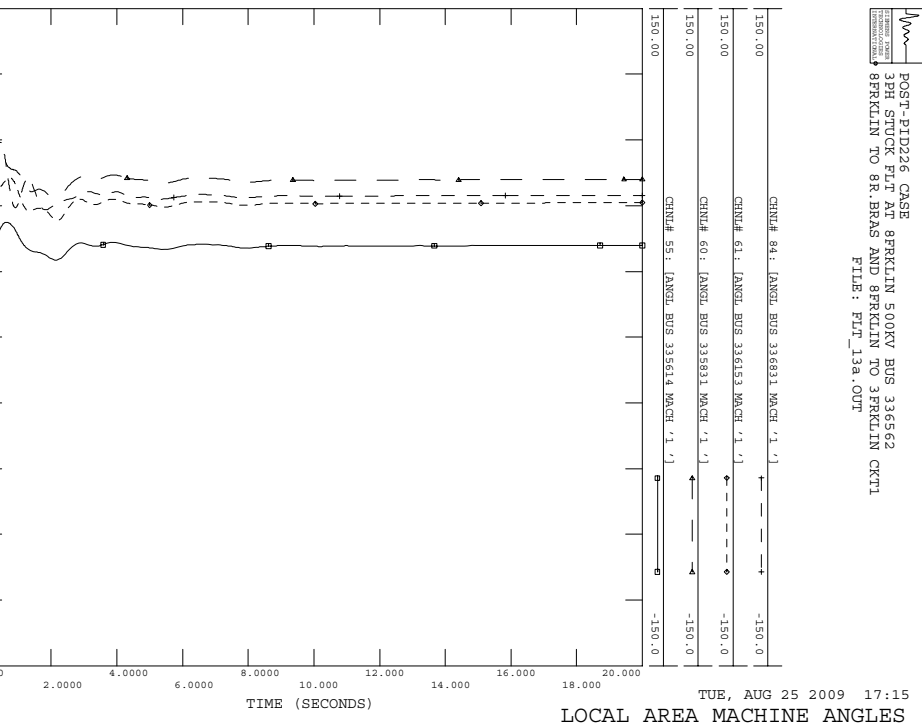
TUE, AUG 25 2009 17:15
 PID-226 PLOTS

C.37 FLT_13a

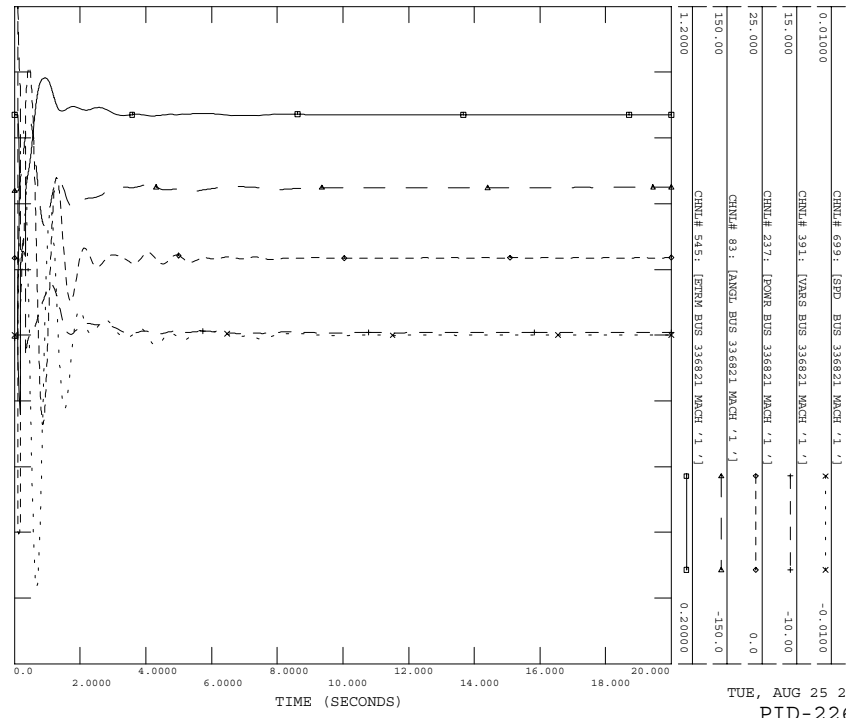
Stuck breaker fault on the 8FRKLIN (#336562) to 8R.BRAS (#336839) branch, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8R.BRAS AND 8FRKLIN TO 3FRKLIN CKT1





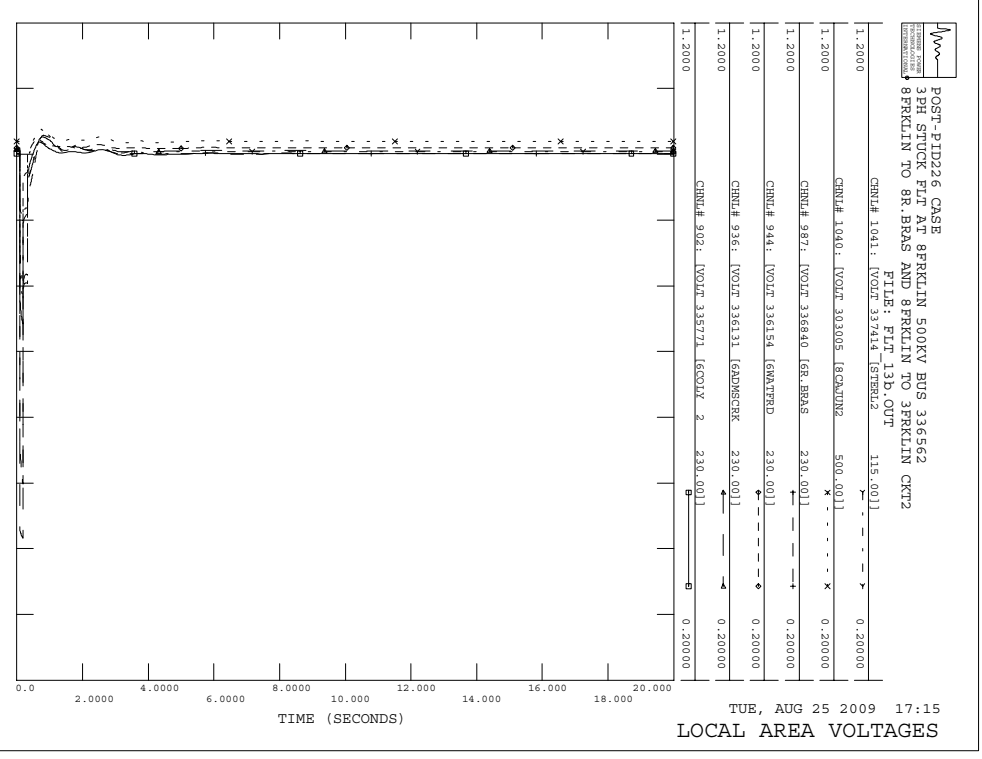
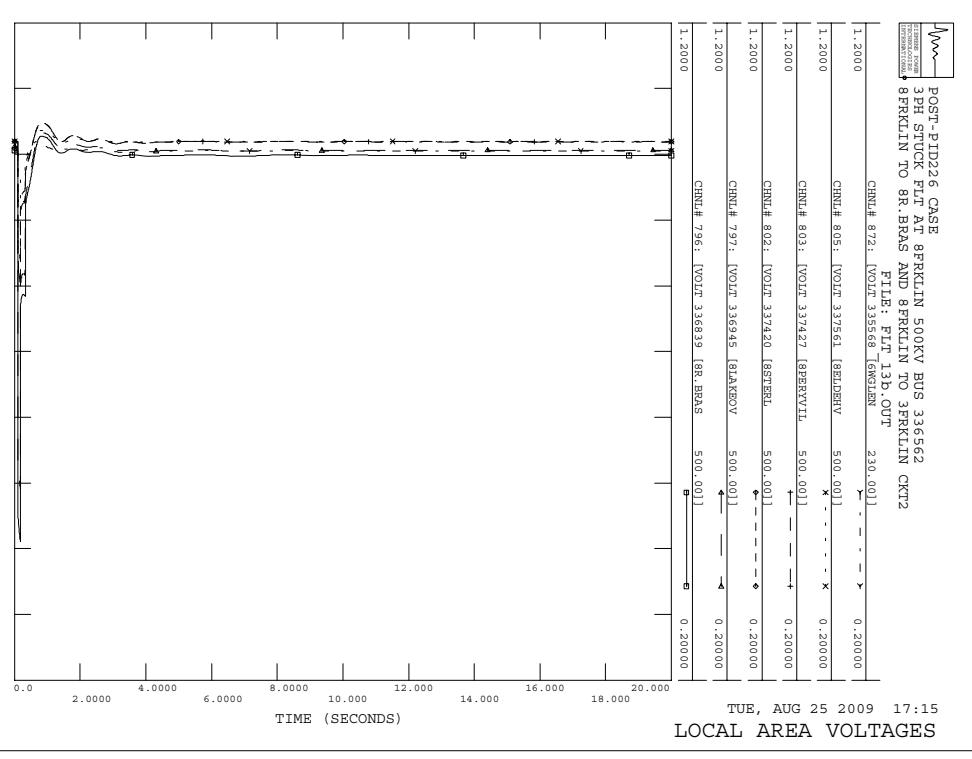
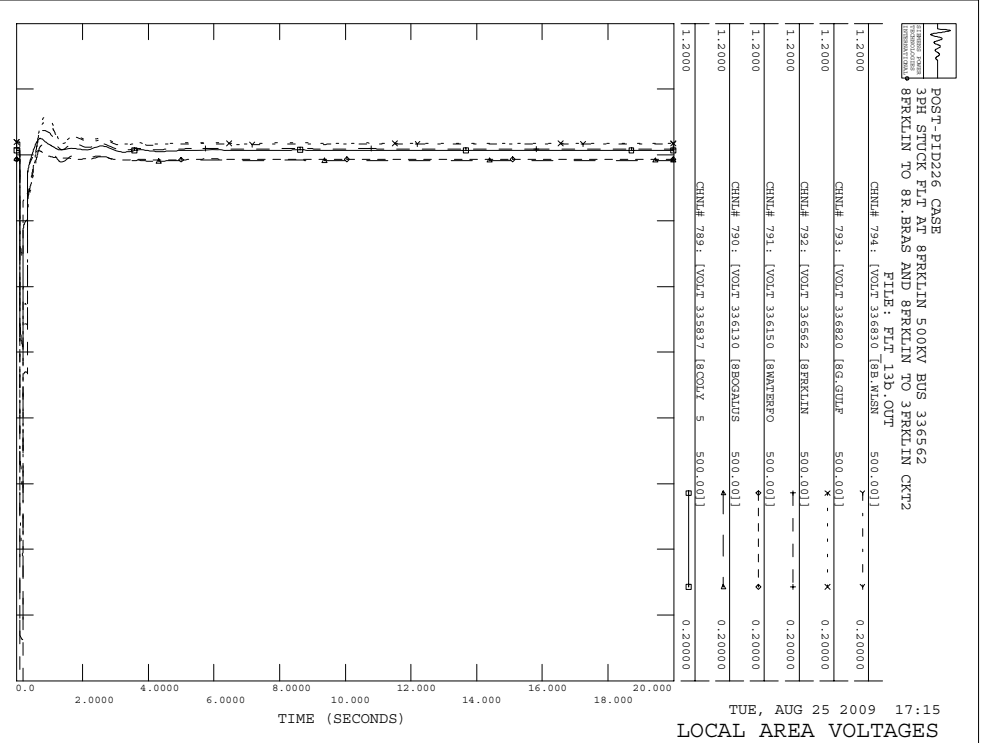
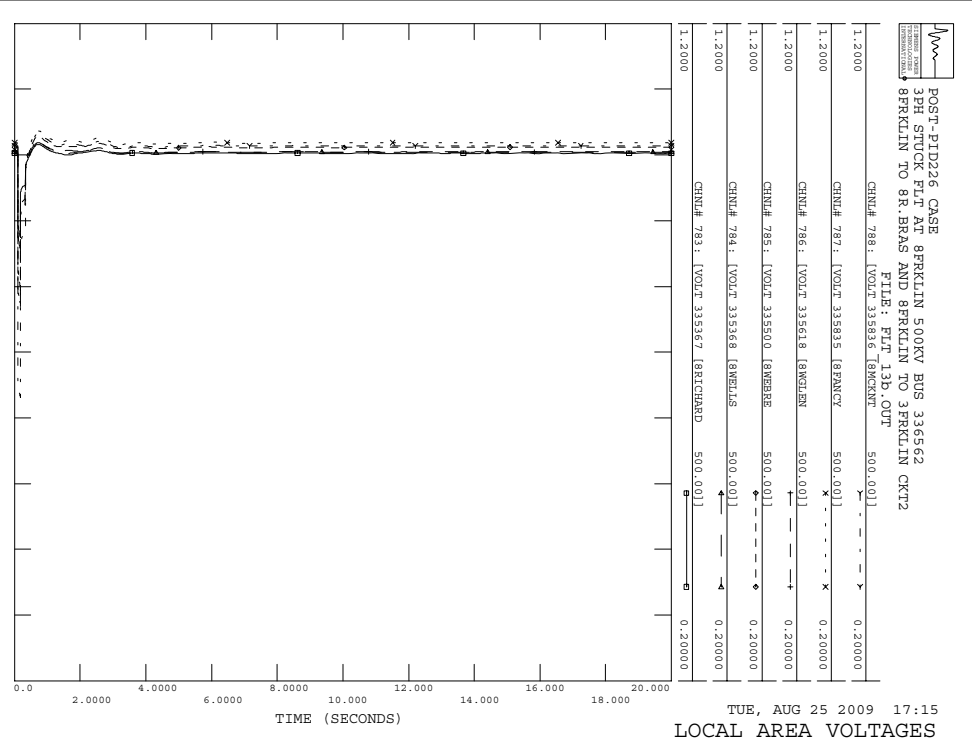
POST-PID226 CASE
 3PH STOCK FLT AT BRKLN 500KV BUS 336562
 BRKLN TO BR-BKAS AND BRKLN TO BRKLN CKTI
 FILE: FLT_13A.OUT

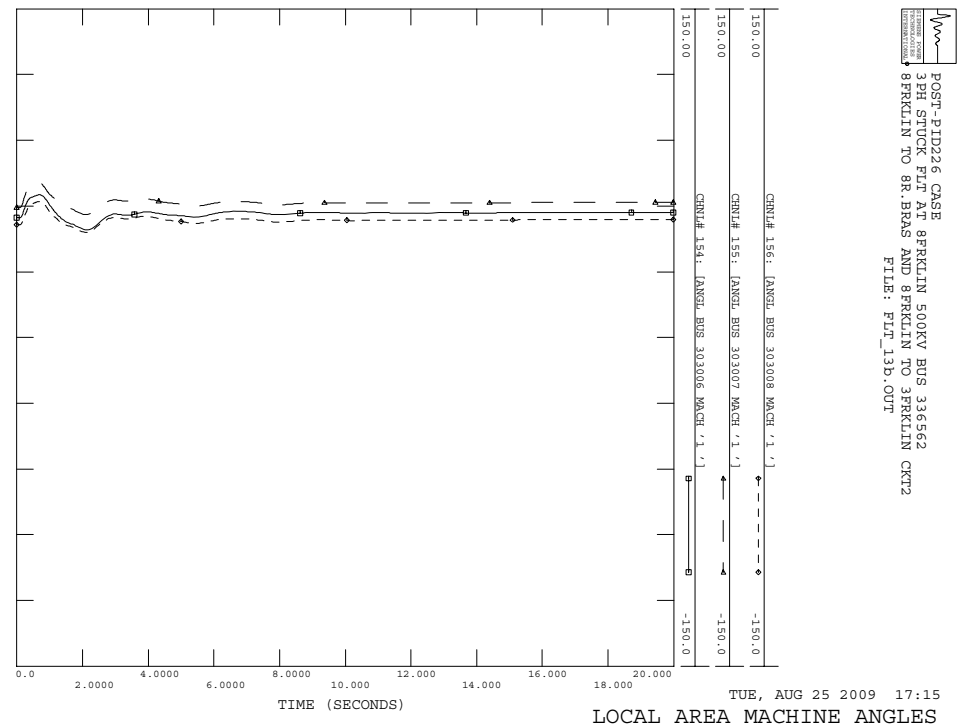
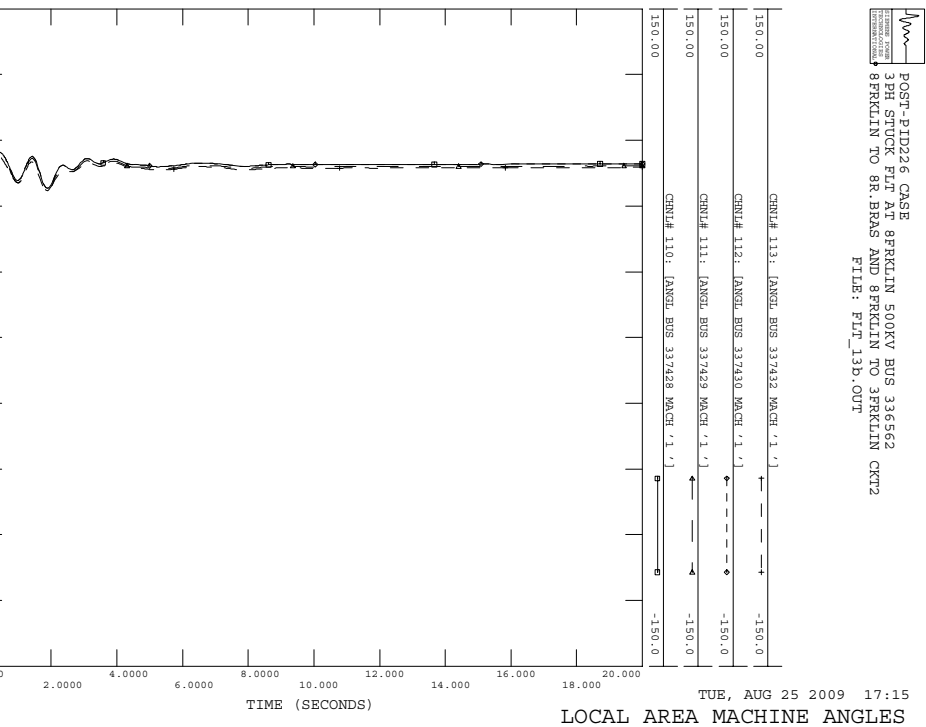
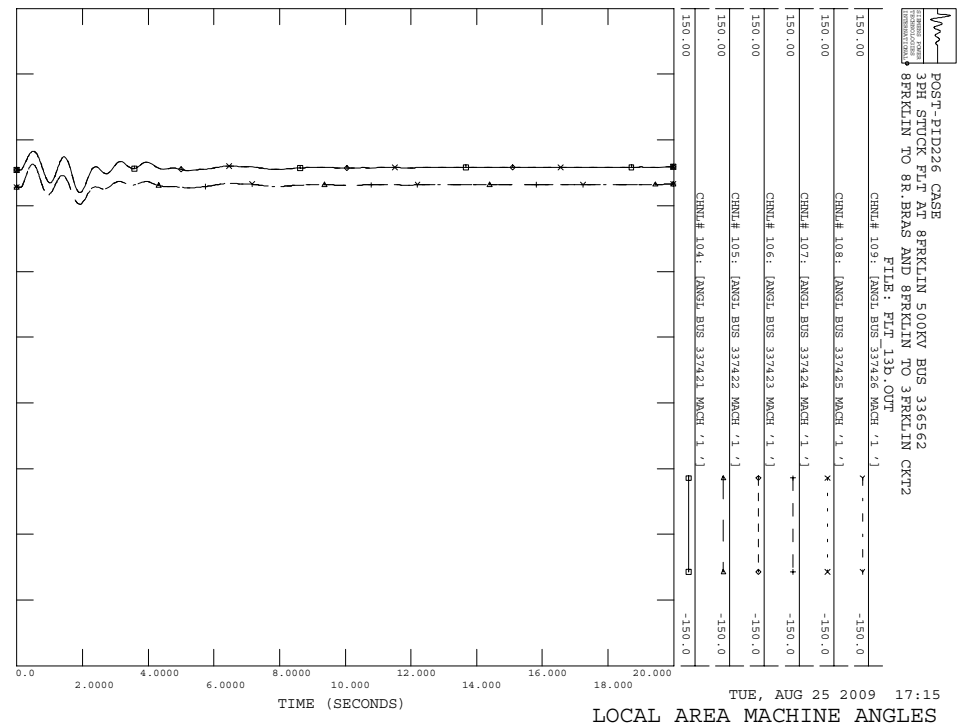
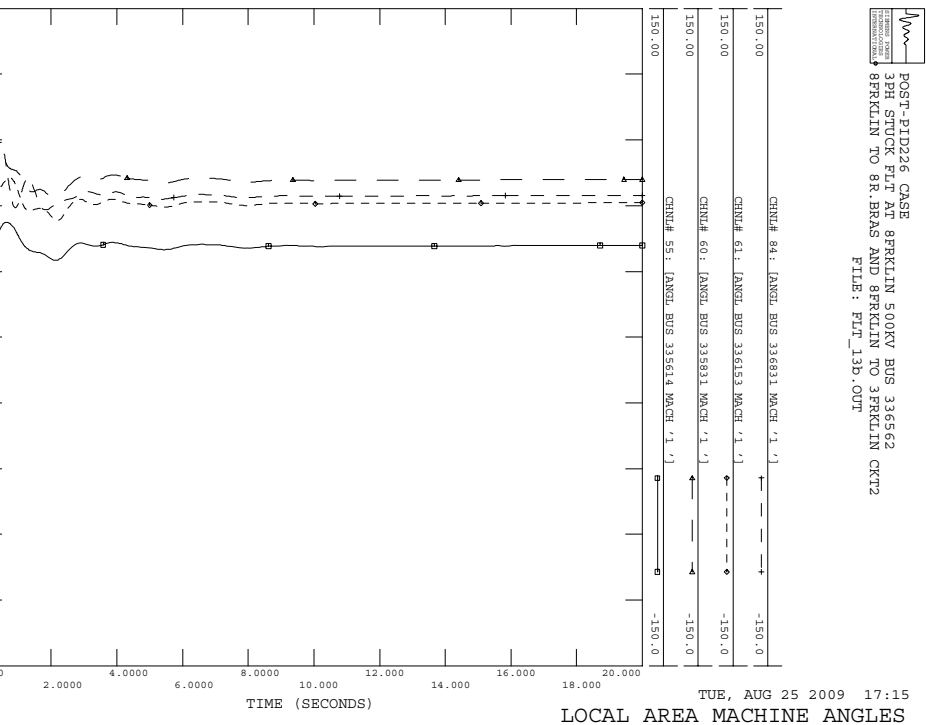


C.38 FLT_13b

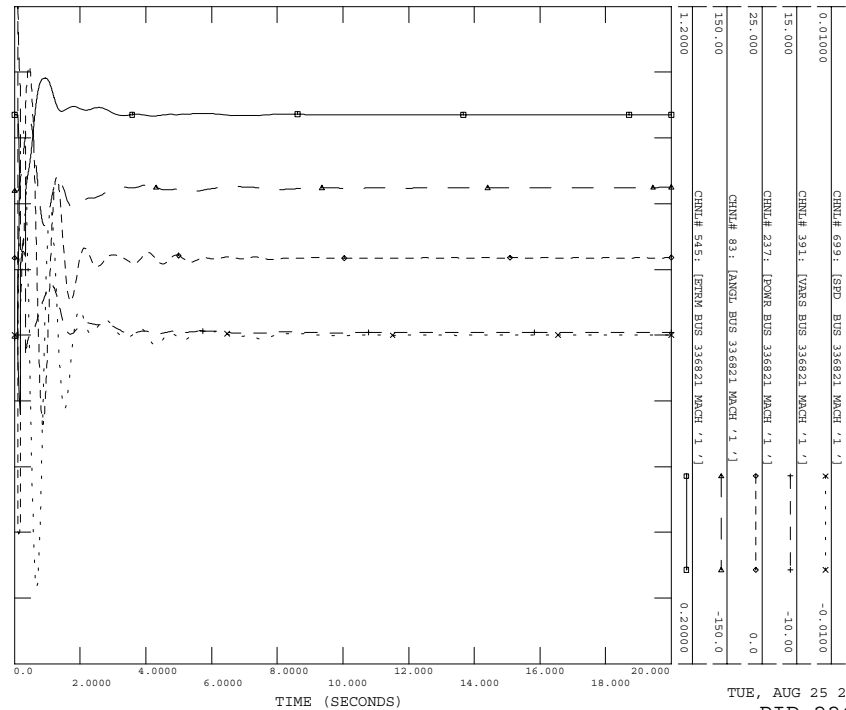
Stuck breaker fault on the 8FRKLIN (#336562) to 8R.BRAS (#336839) branch, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8R.BRAS AND 8FRKLIN TO 3FRKLIN CKT2





POST-PID226 CASE
 3PH STOCK FLT AT BRKLN 500KV BUS 336562
 BRKLN TO BR-BKAS AND BRKLN TO BRKLN CKT2
 FILE: FLT_13D.OUT

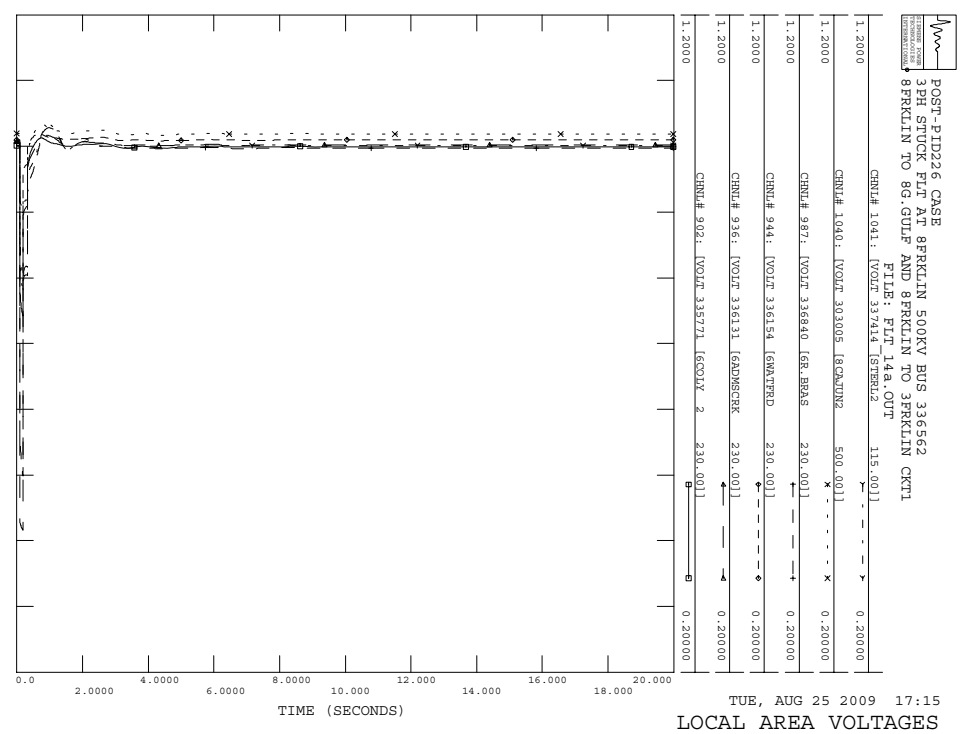
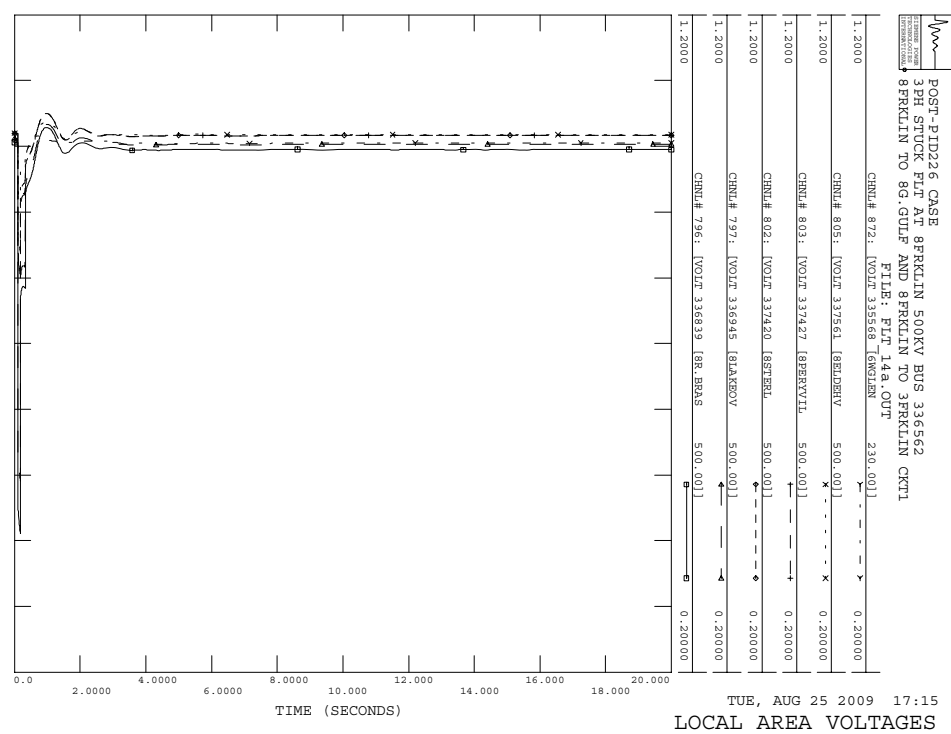
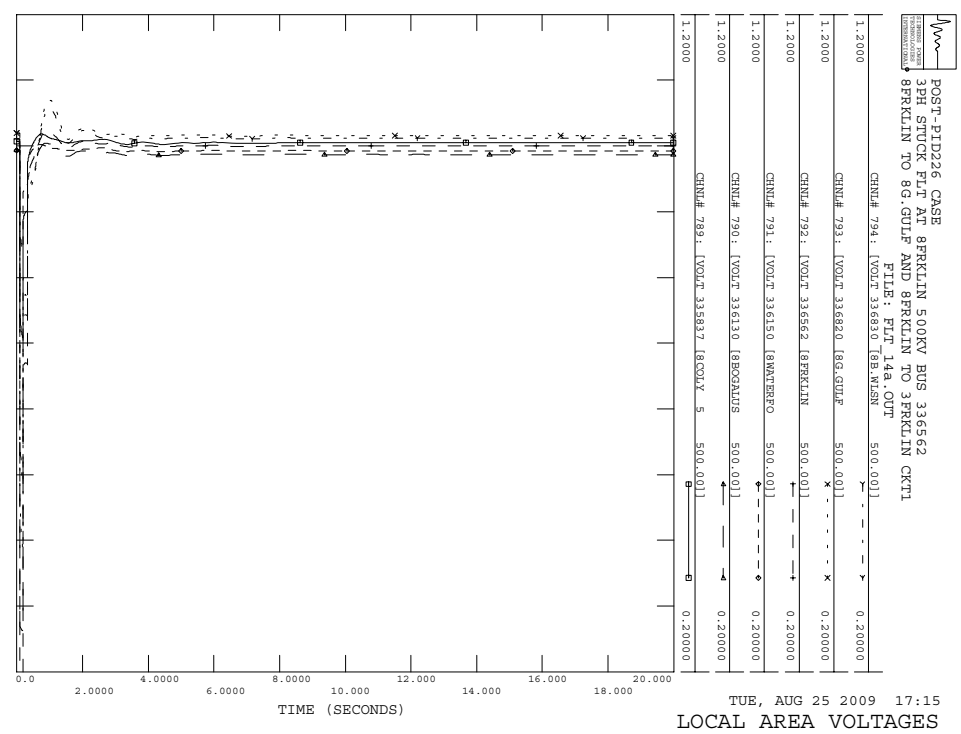
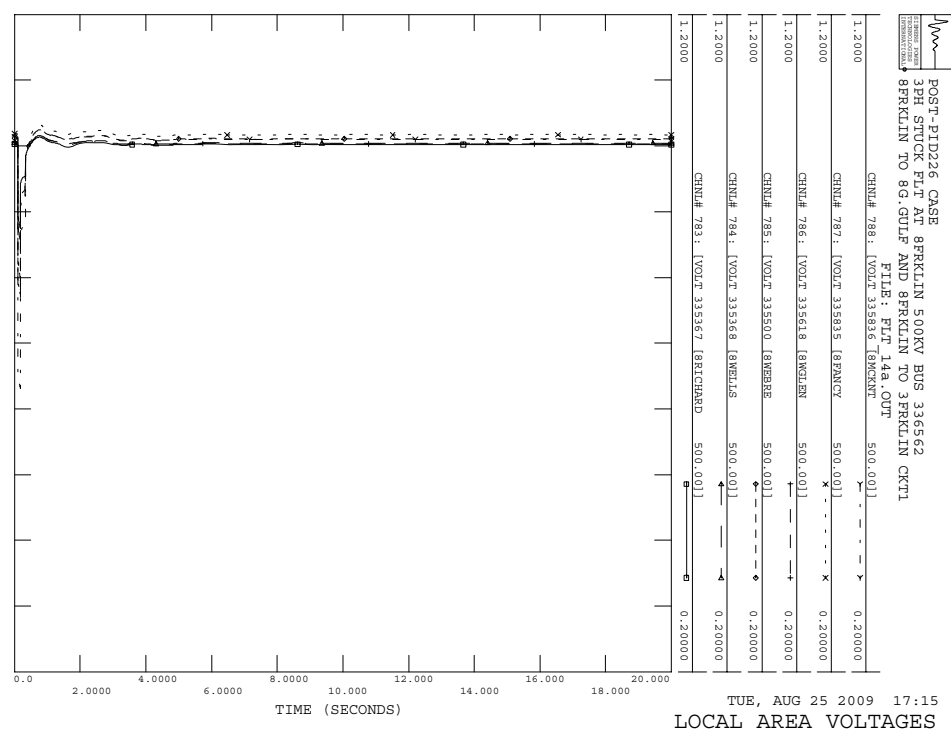


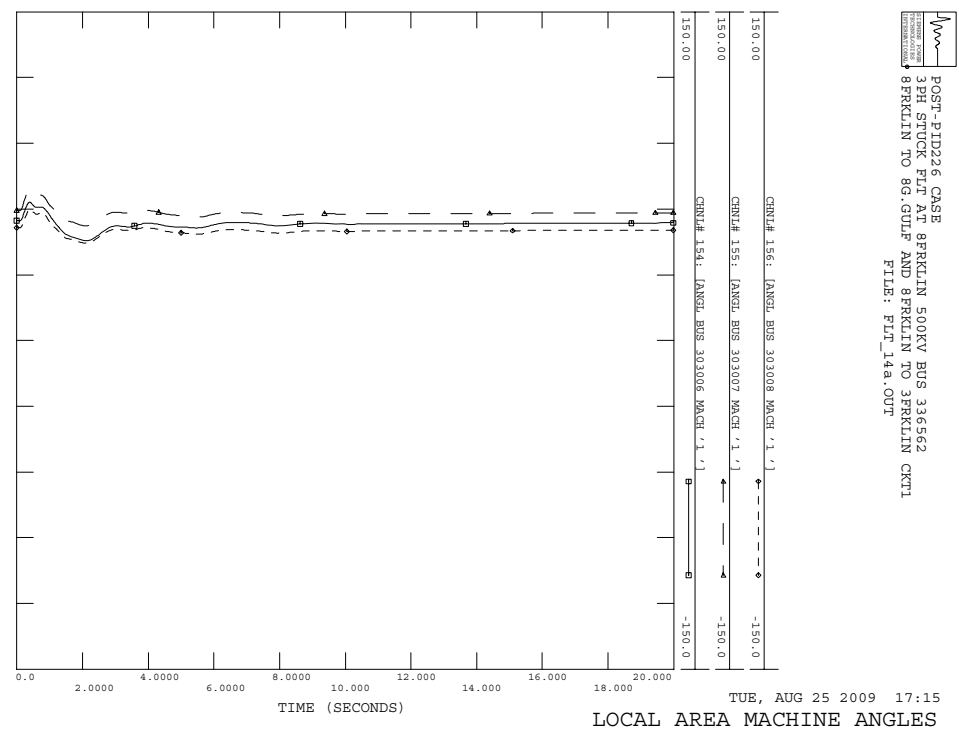
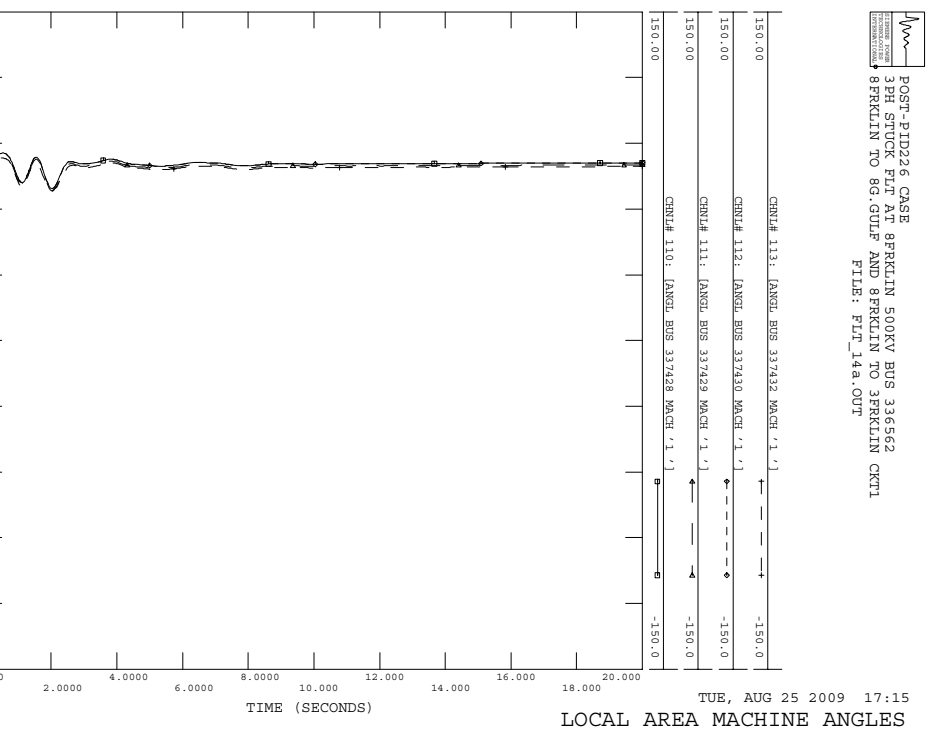
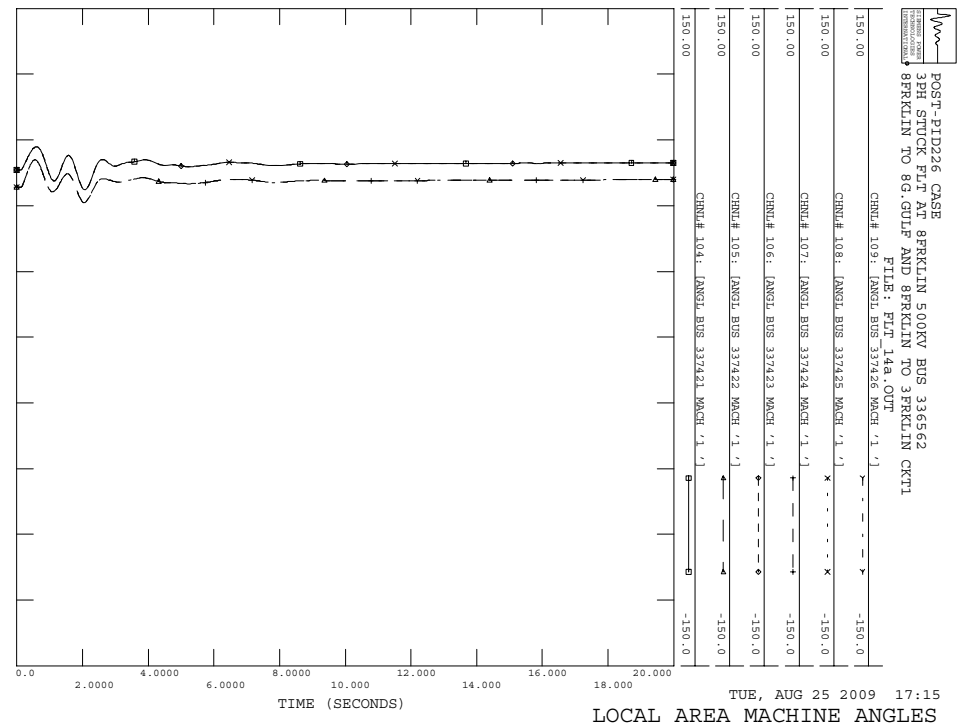
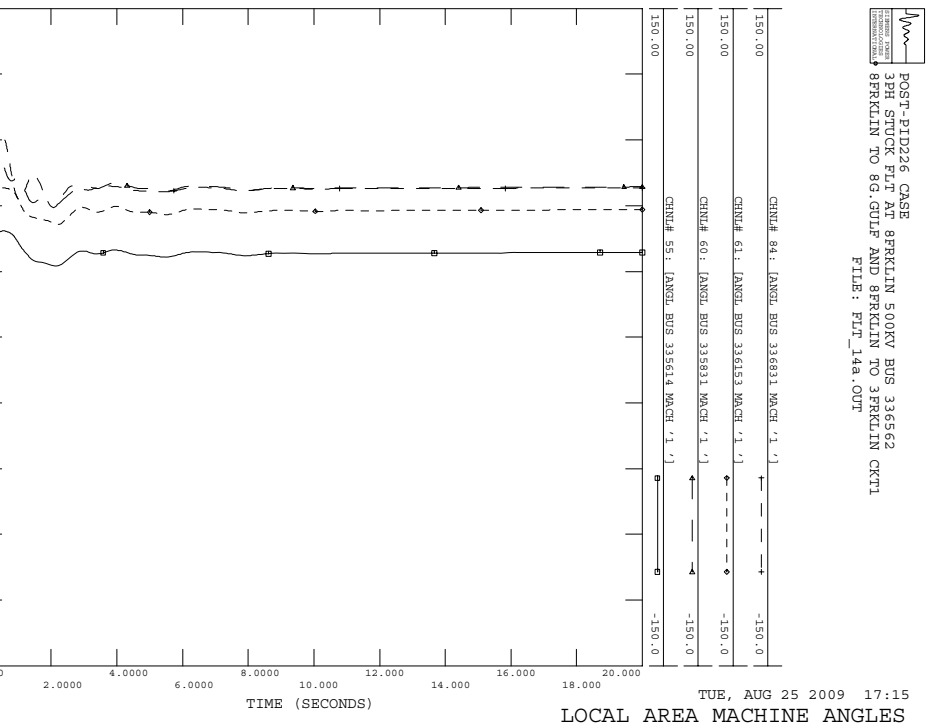
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C.39 FLT_14a

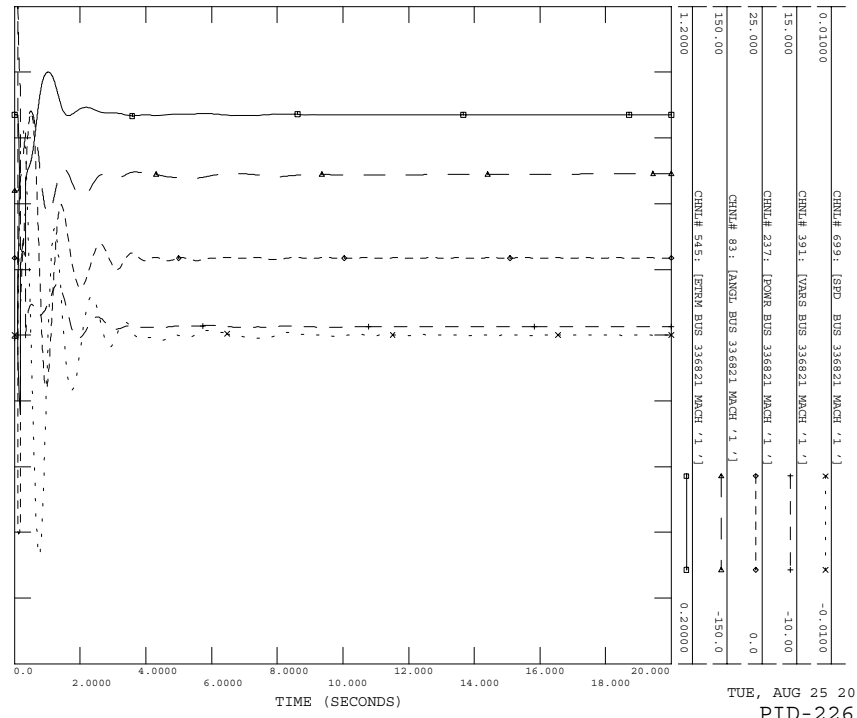
Stuck breaker fault on the 8FRKLIN (#336562) to 8G.GULF (#336820) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 3FRKLIN CKT1





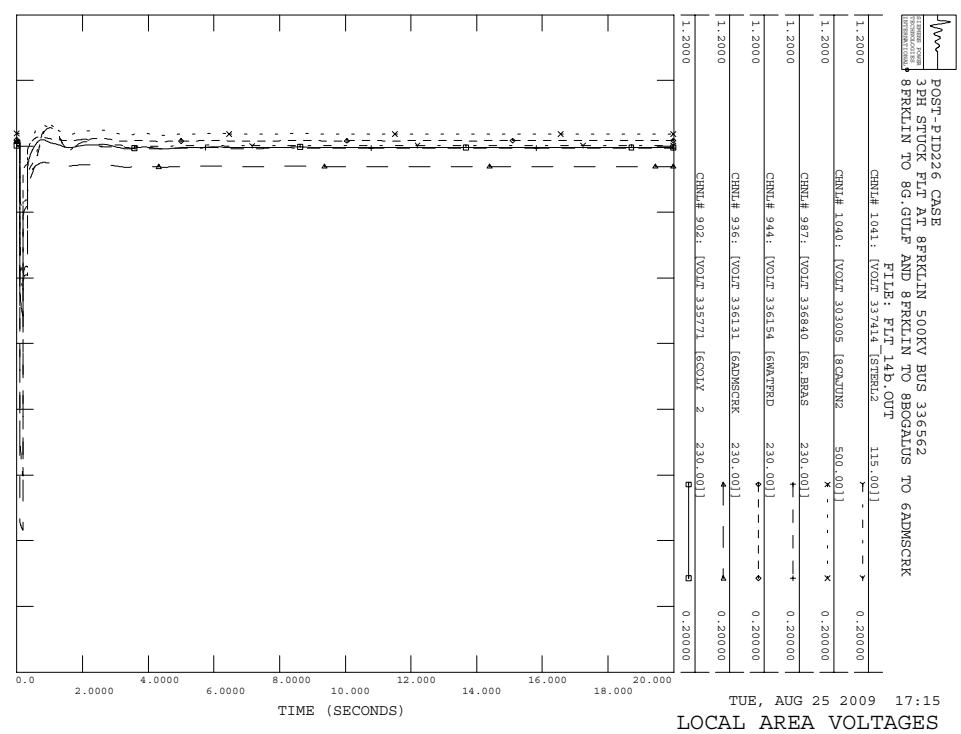
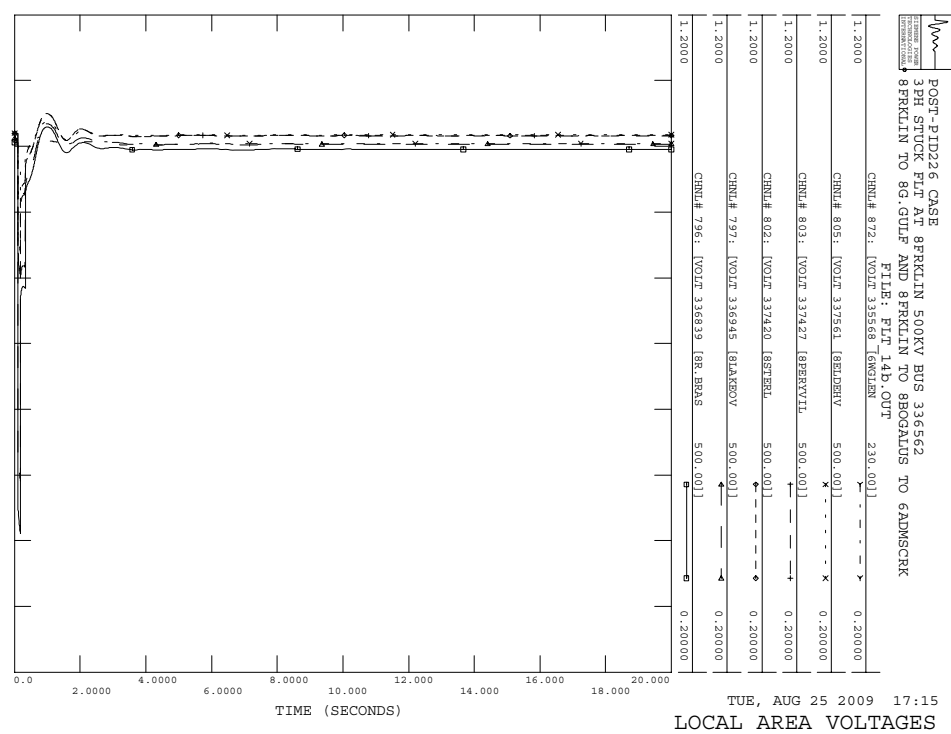
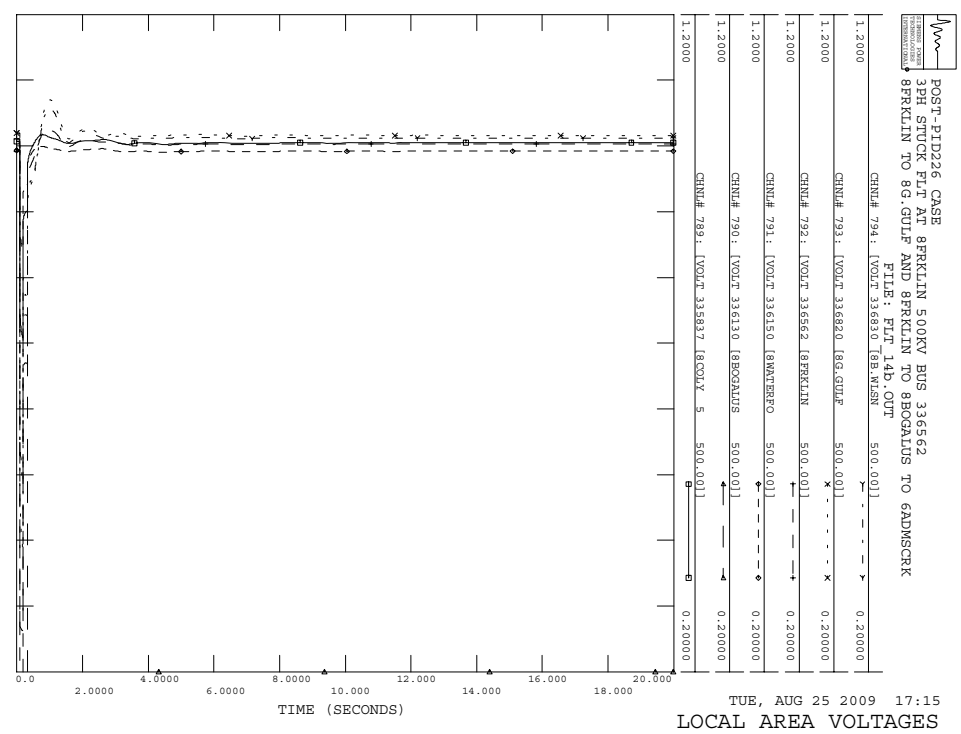
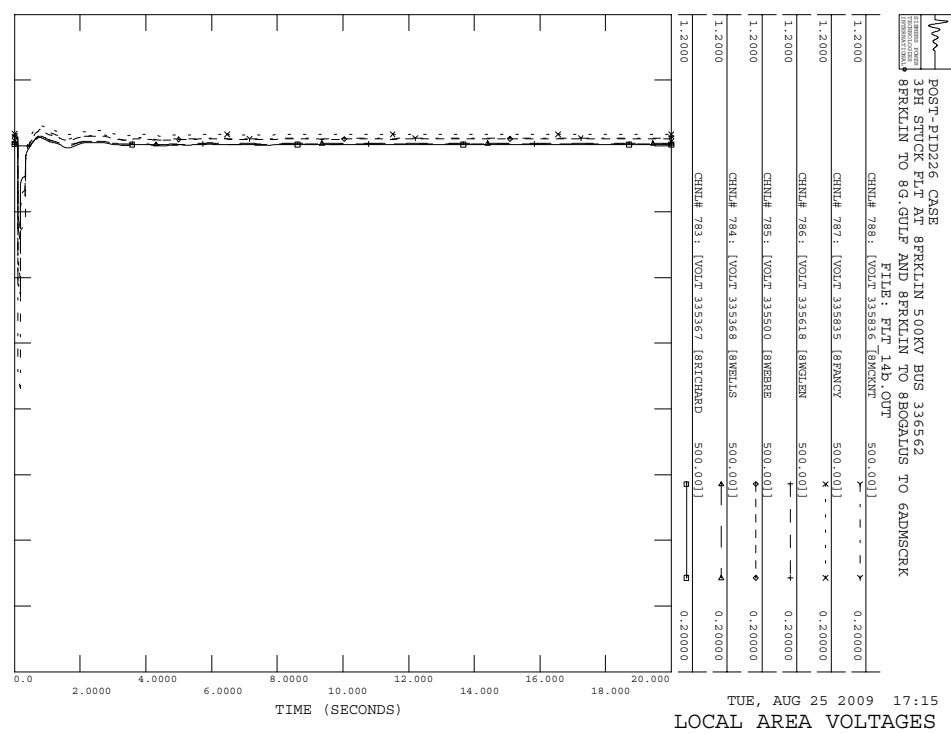

 POST-PID226 CASE
 3PH STOCK FLT AT BRKLN 500KV BUS 336562
 BRKLN TO 89:50LFL AND BRKLN TO 3TRKLN CKT1
 FILE: FLT_14A.OUT

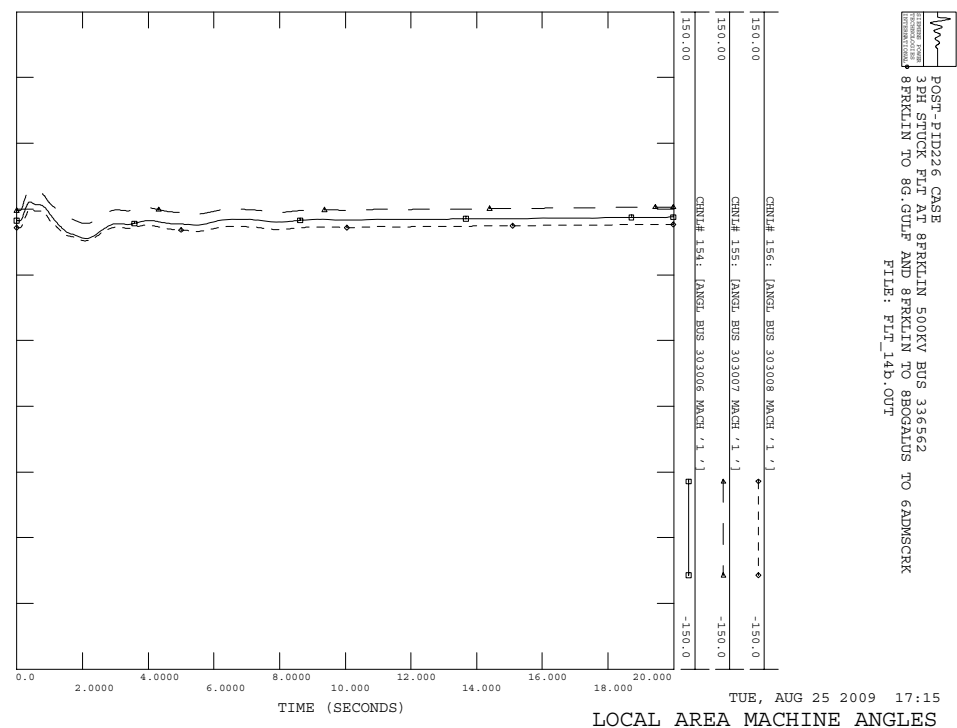
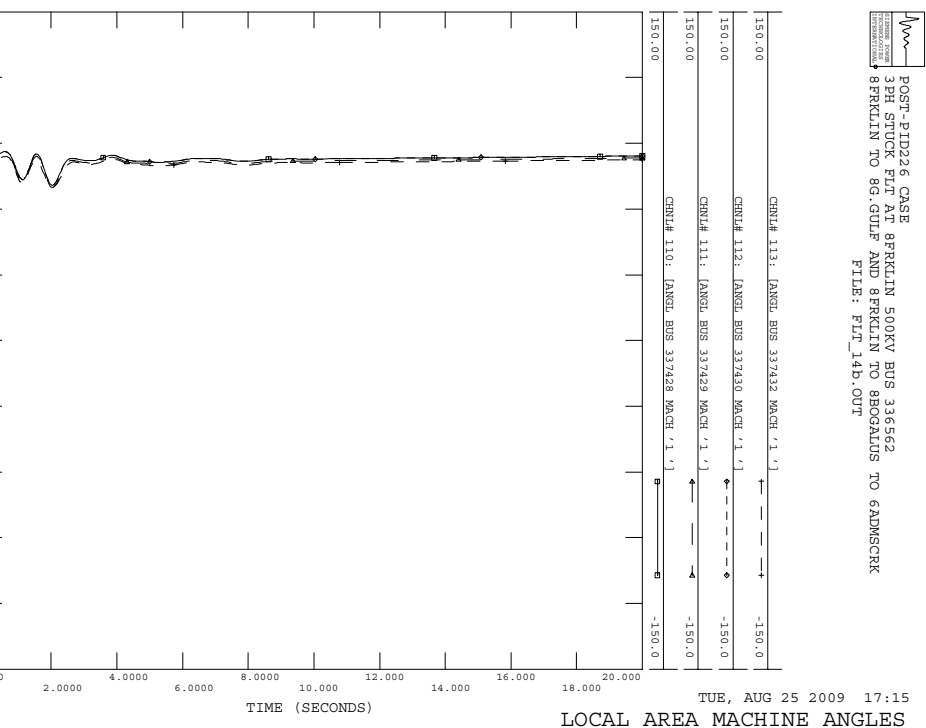
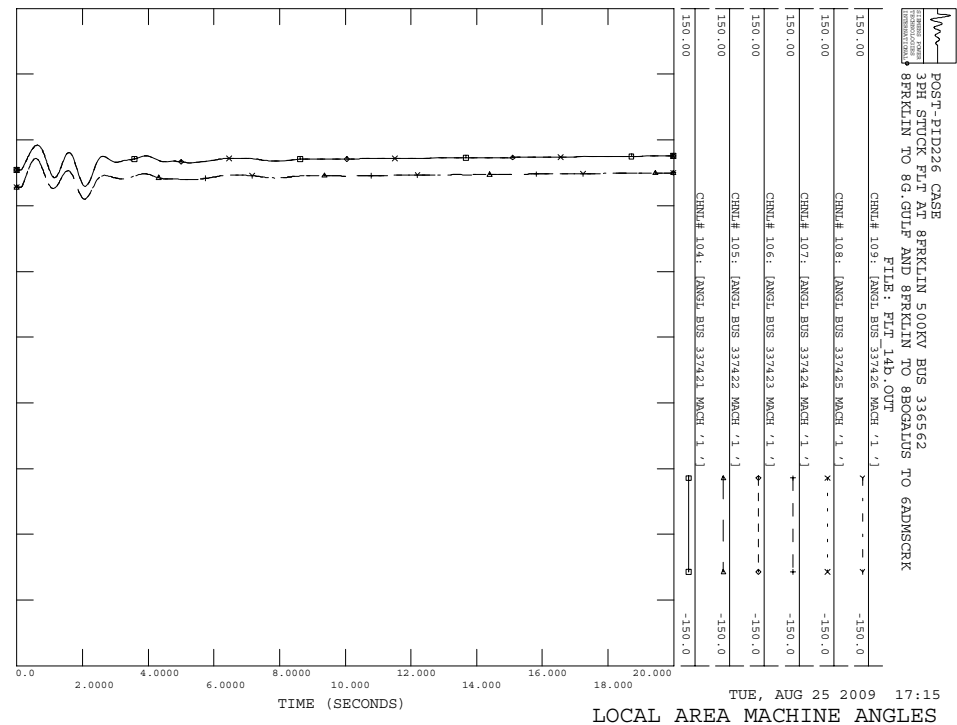
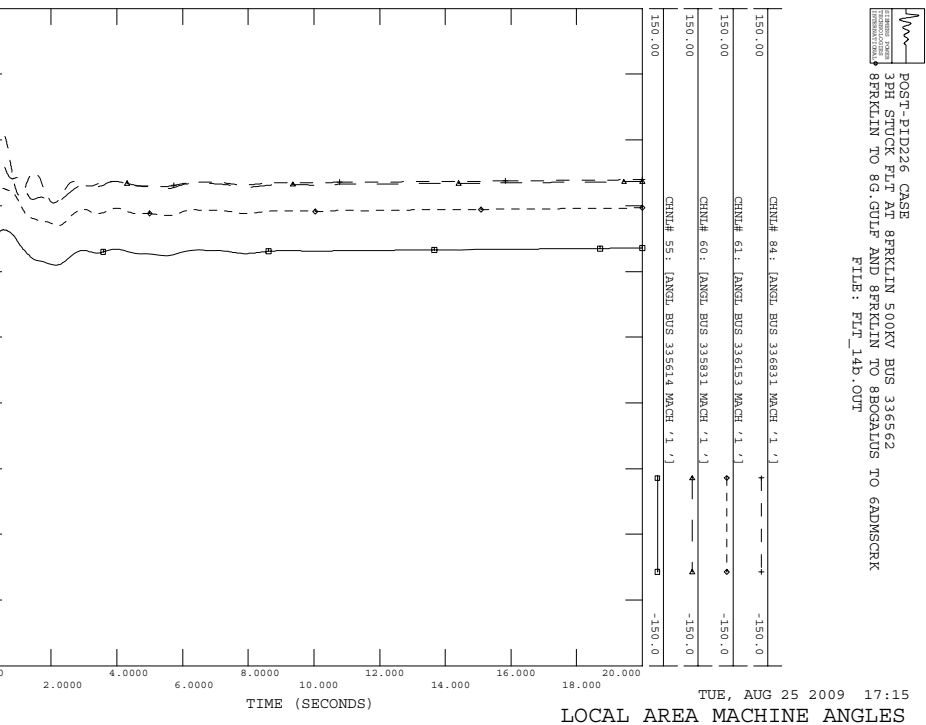



C.40 FLT_14b

Stuck breaker fault on the 8FRKLIN (#336562) to 8G.GULF (#336820) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOGALUS TO 6ADMSCRK





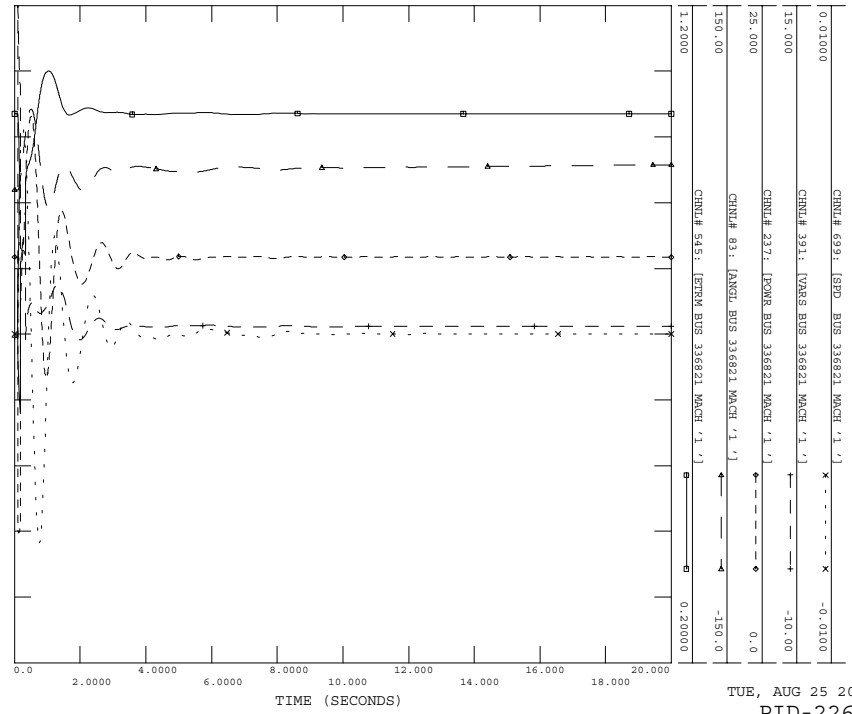


 POST-PID226 CASE

 3PH STOCK FLT AT BRKLN 500KV BUS 336562

 BRKLN TO 89:50LFL AND BRKLN TO 89:50LFLS TO 6ADMGRK

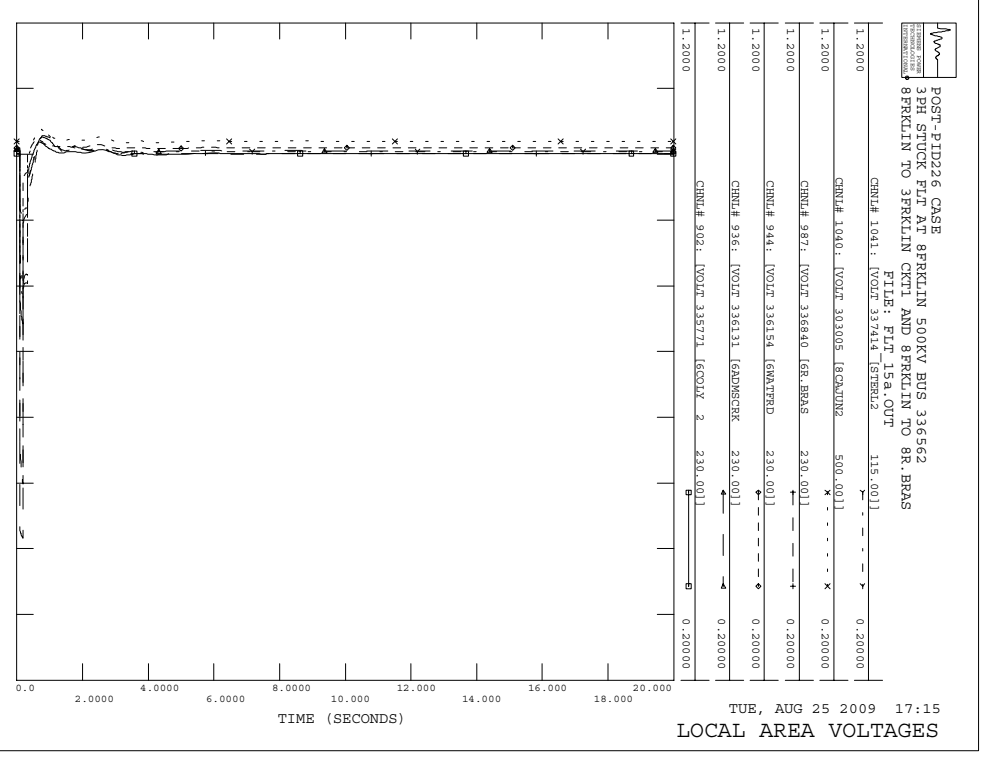
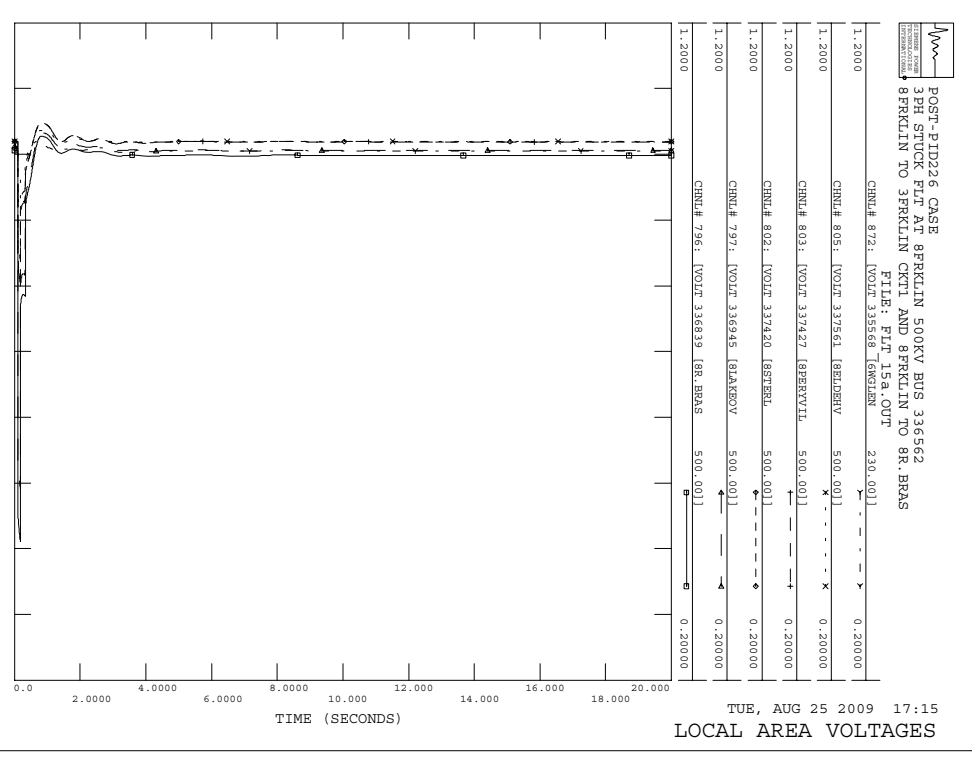
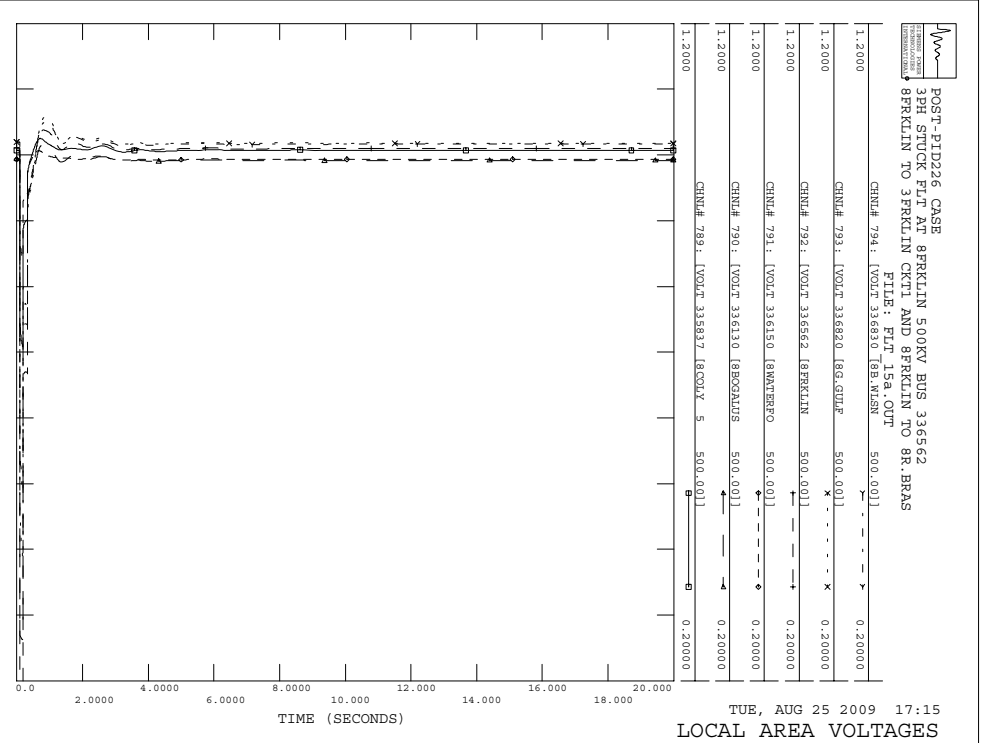
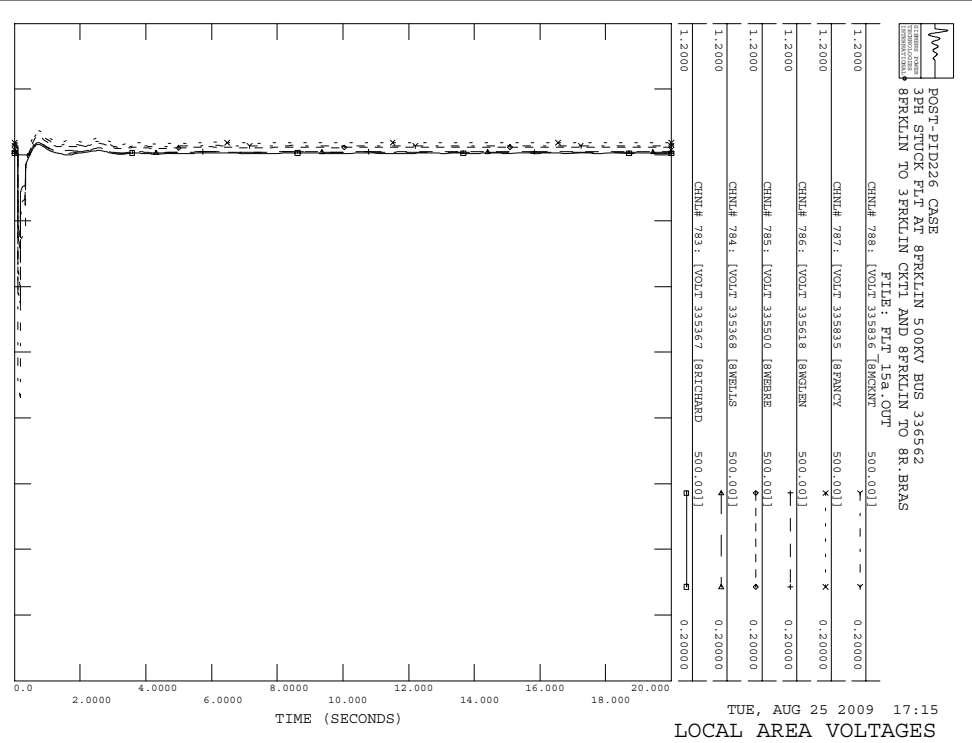
 FILE: FLT_14D.OUT

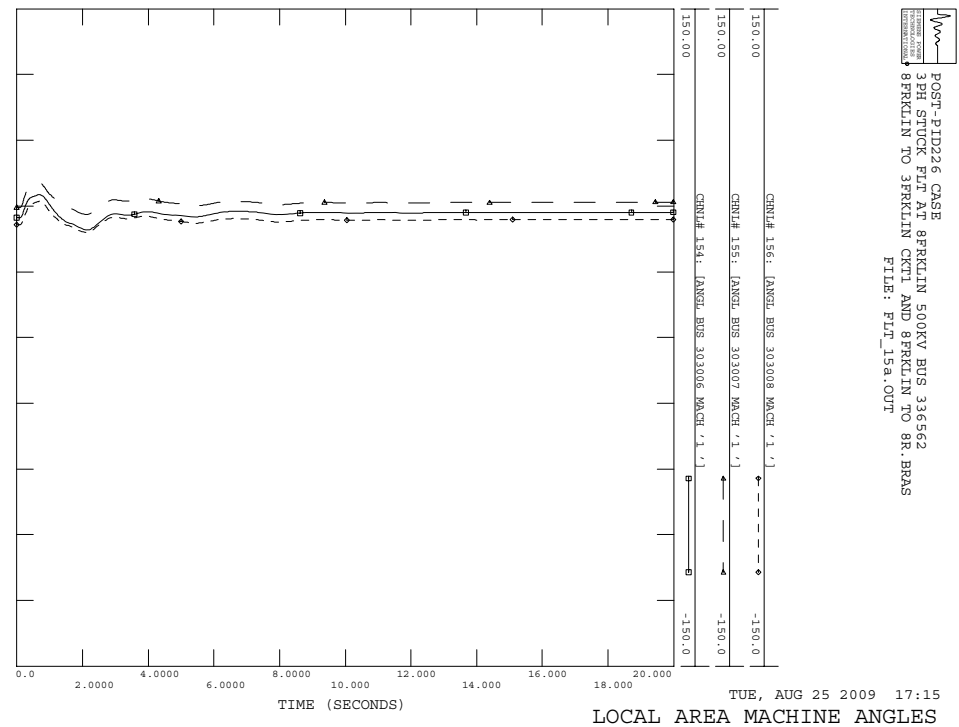
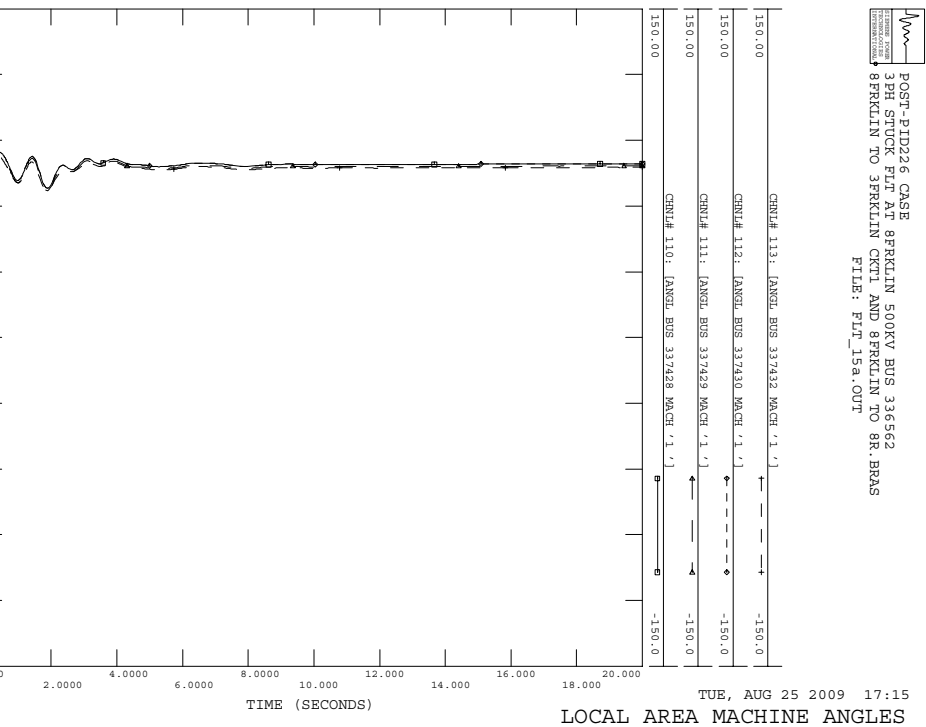
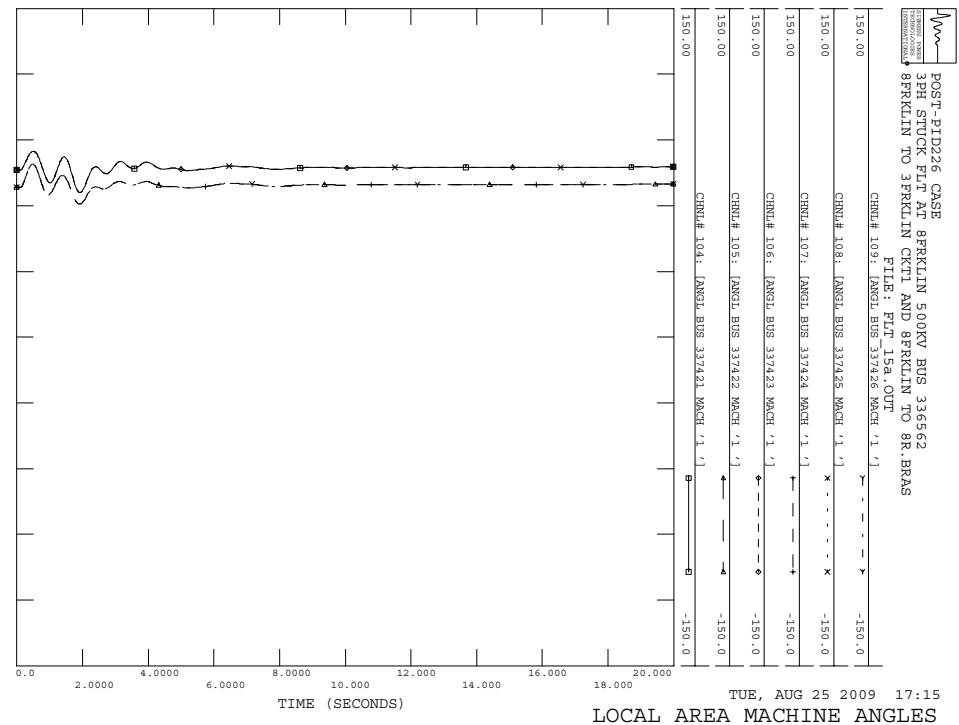
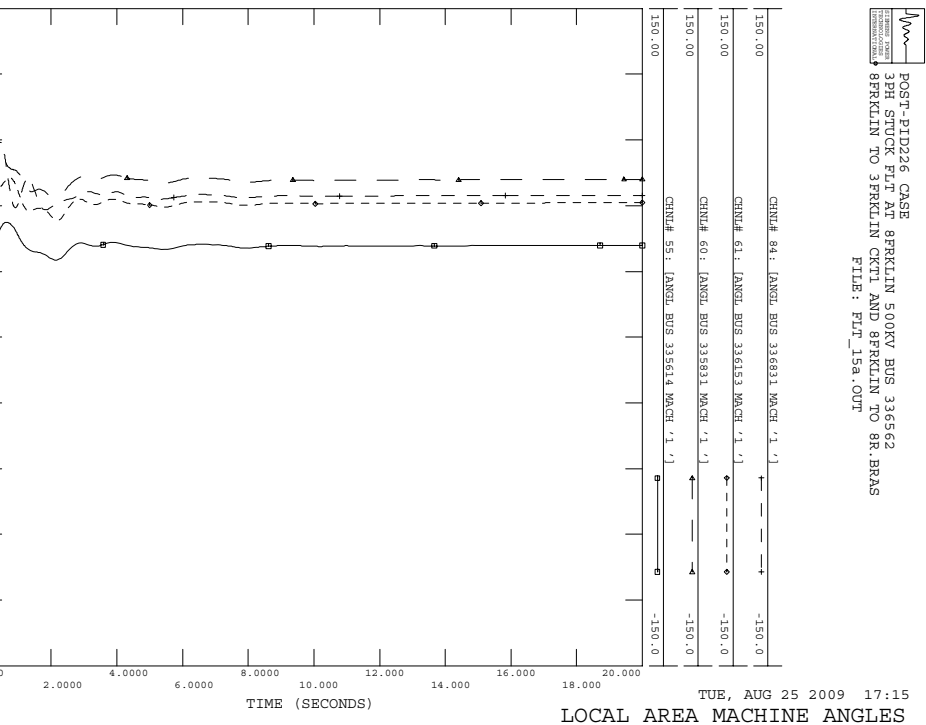



C.41 FLT_15a

Stuck breaker fault on the 8FRKLIN (#336562) to 3FRKLIN (#336559) 500 kV line, near the 8FRKLIN.

- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 3FRKLIN CKT1 AND 8FRKLIN TO 8R.BRAS





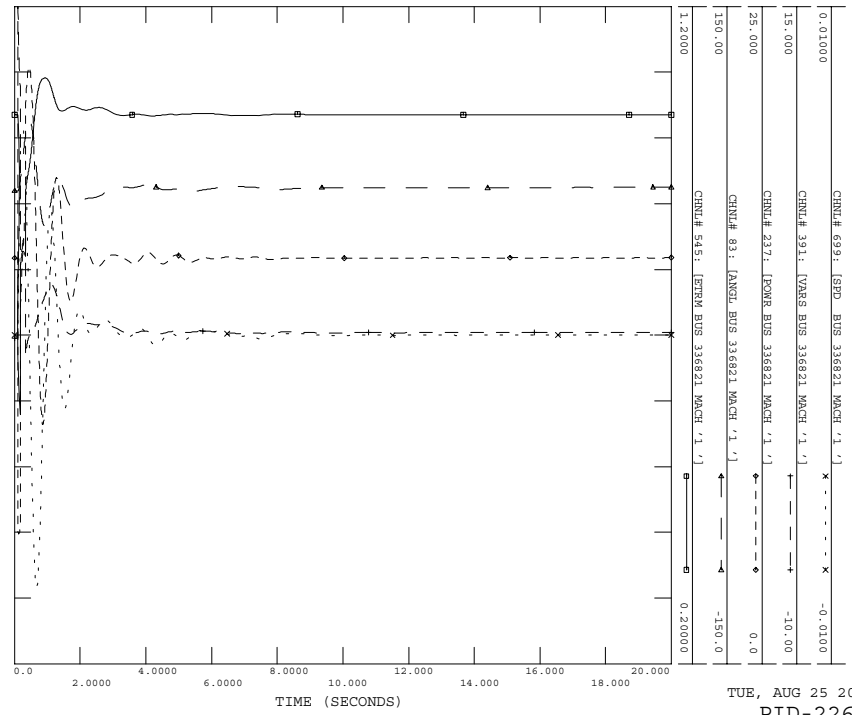


 POST-PID226 CASE

 3PH STOCK FLT AT 8FRKLN 500KV BUS 336562

 8FRKLN TO 3FRKLN CRT1 AND 8FRKLN TO 8R.BRAS

 FILE: FLT_15A.OUT

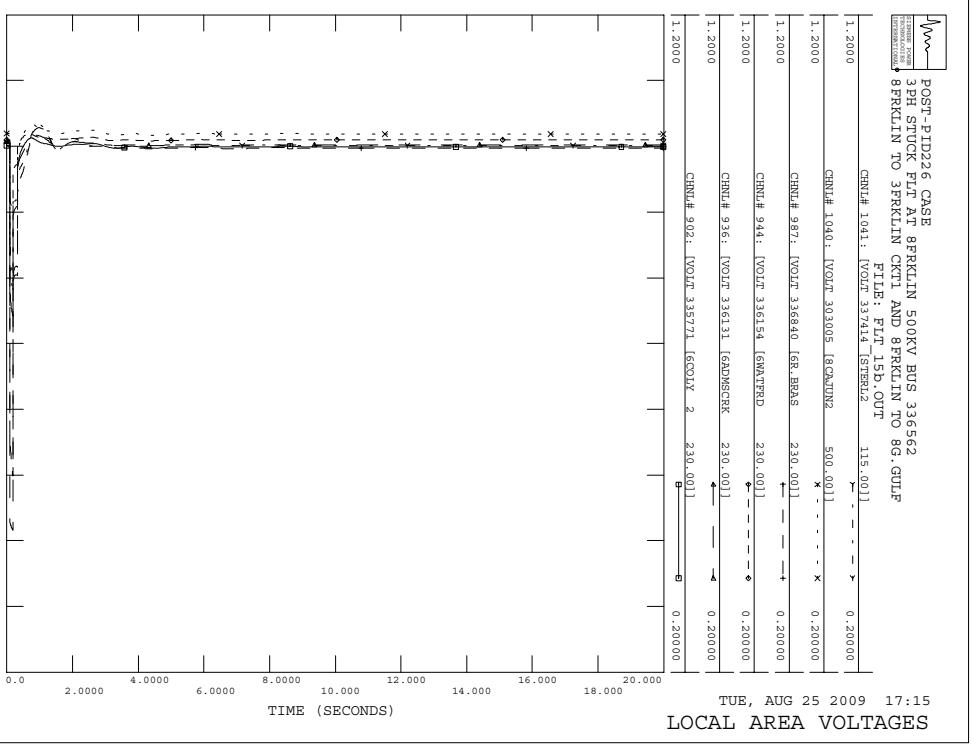
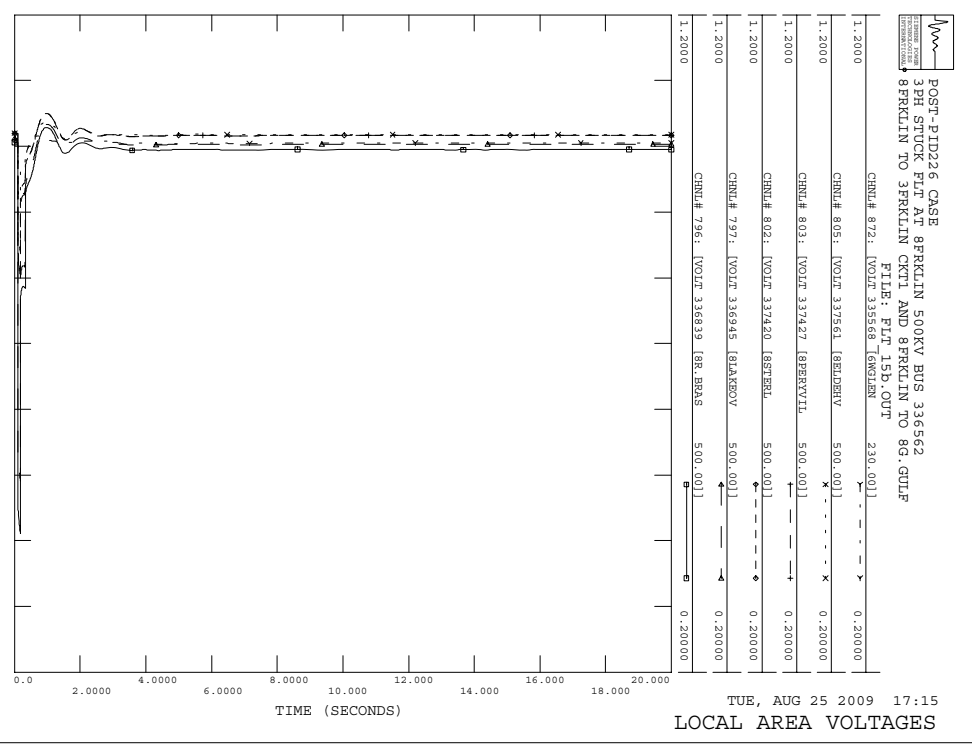
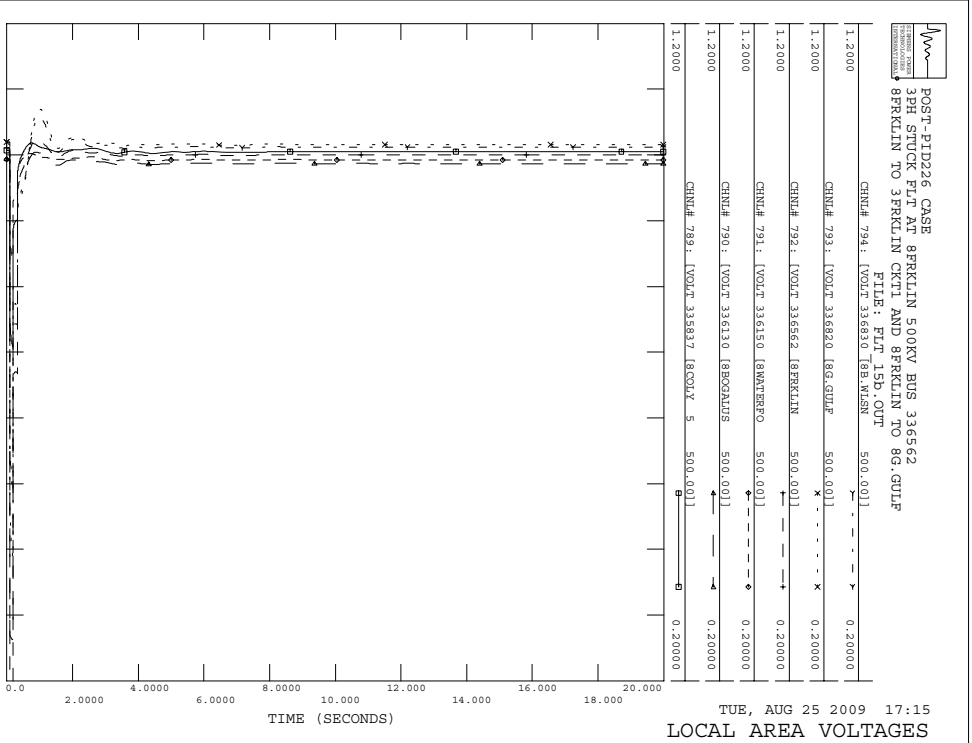
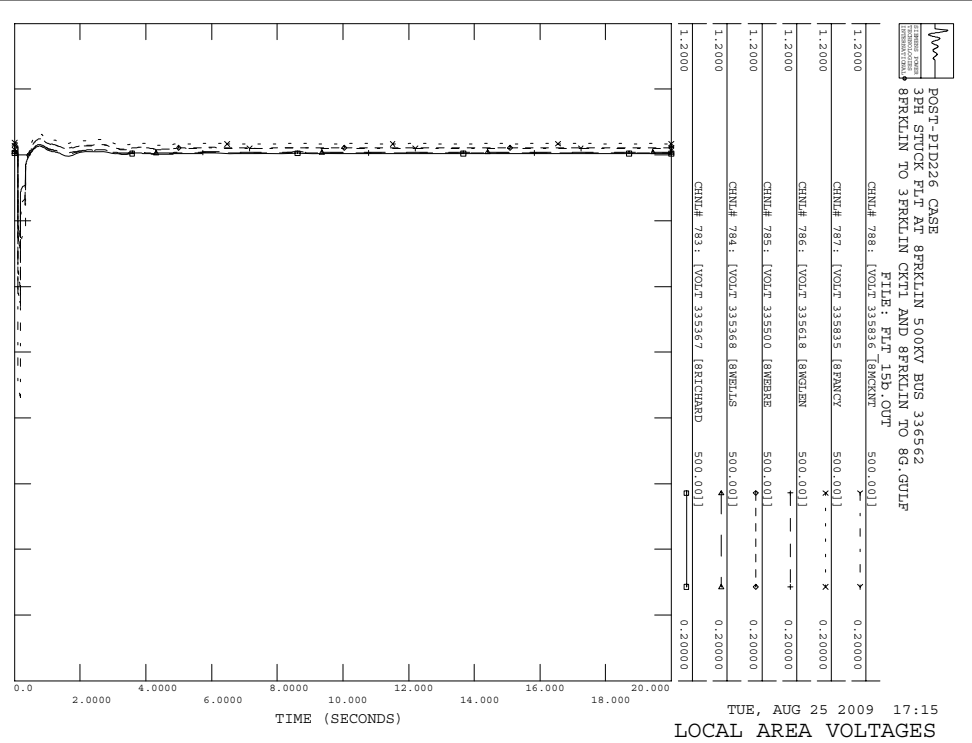


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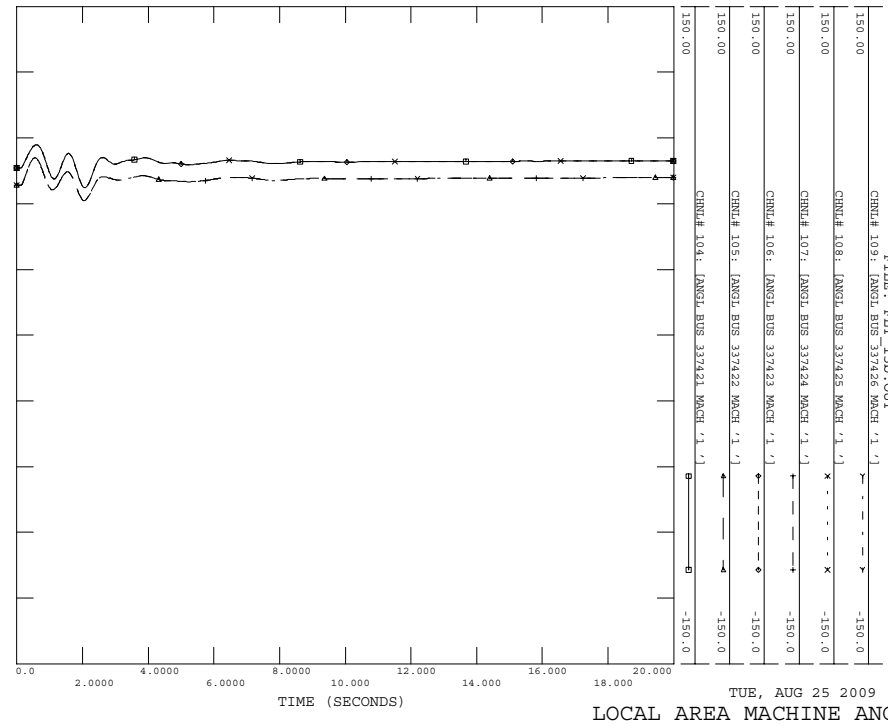
C.42 FLT_15b

Stuck breaker fault on the 8FRKLIN (#336562) to 3FRKLIN (#336559) 500 kV line, near the 8FRKLIN.

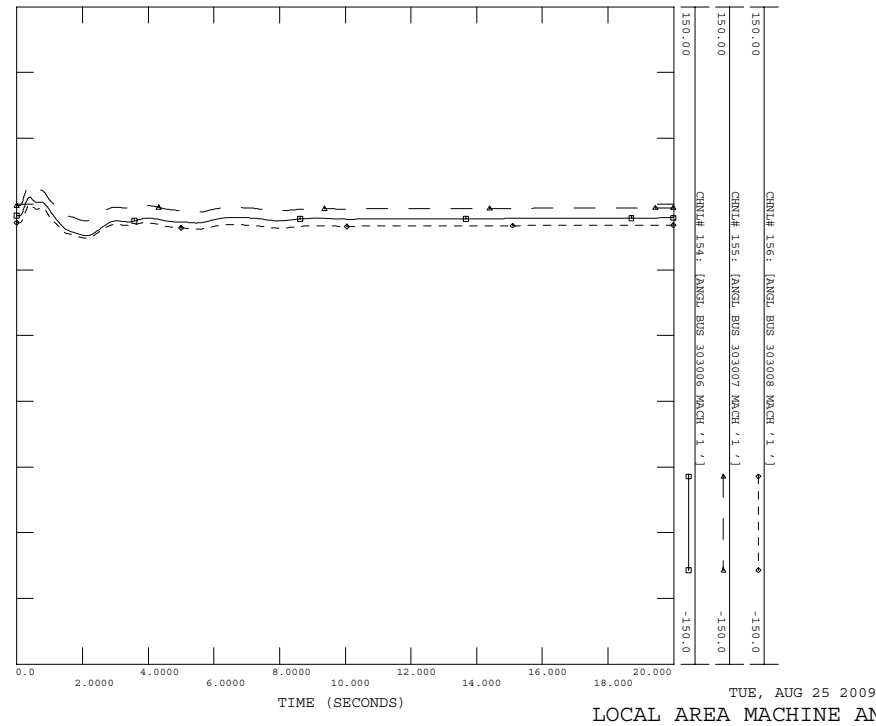
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 3FRKLIN CKT1 AND 8FRKLIN TO 8G.GULF



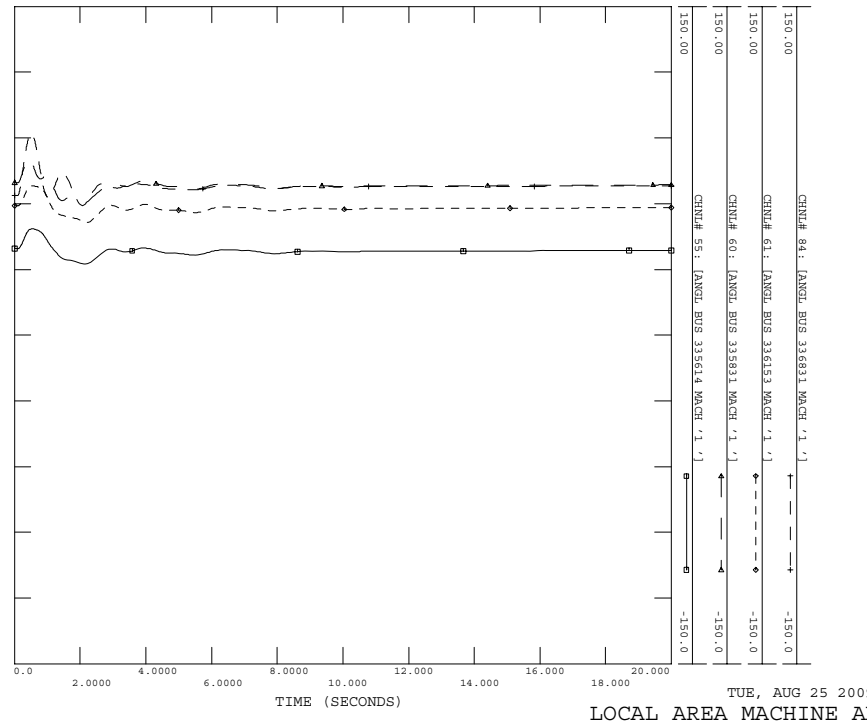
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3PRKLN CKTI AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT



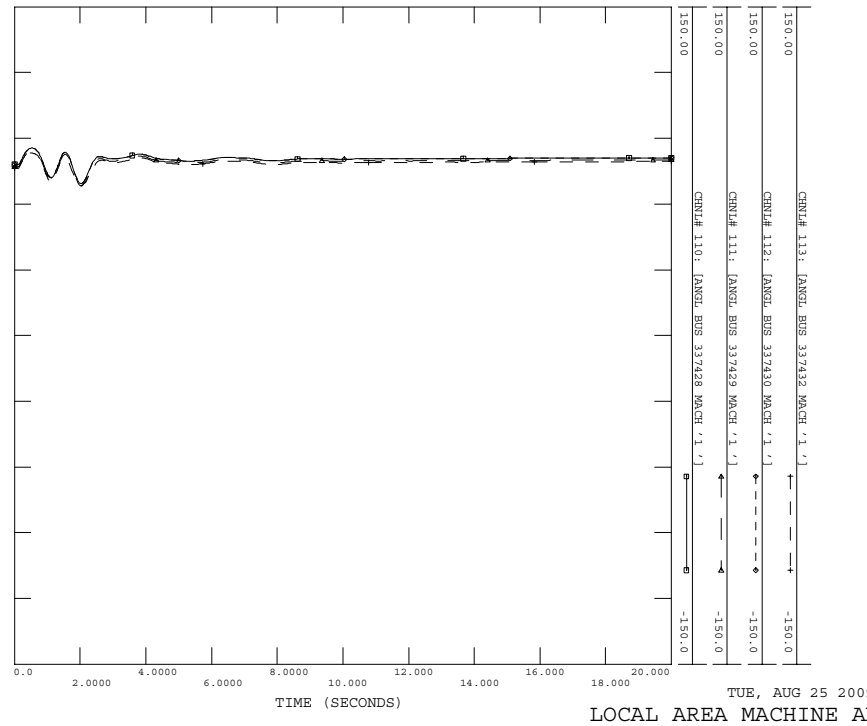
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3PRKLN CKTI AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3PRKLN CKTI AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3PRKLN CKTI AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT



POST-PID226 CASE
 3PH STOCK FLT AT 8FRKLN 500KV BUS 336562
 8FRKLN TO 3FRKLN CRT1 AND 8FRKLN TO 89.GU1P
 FILE: FLT_15B.OUT

