

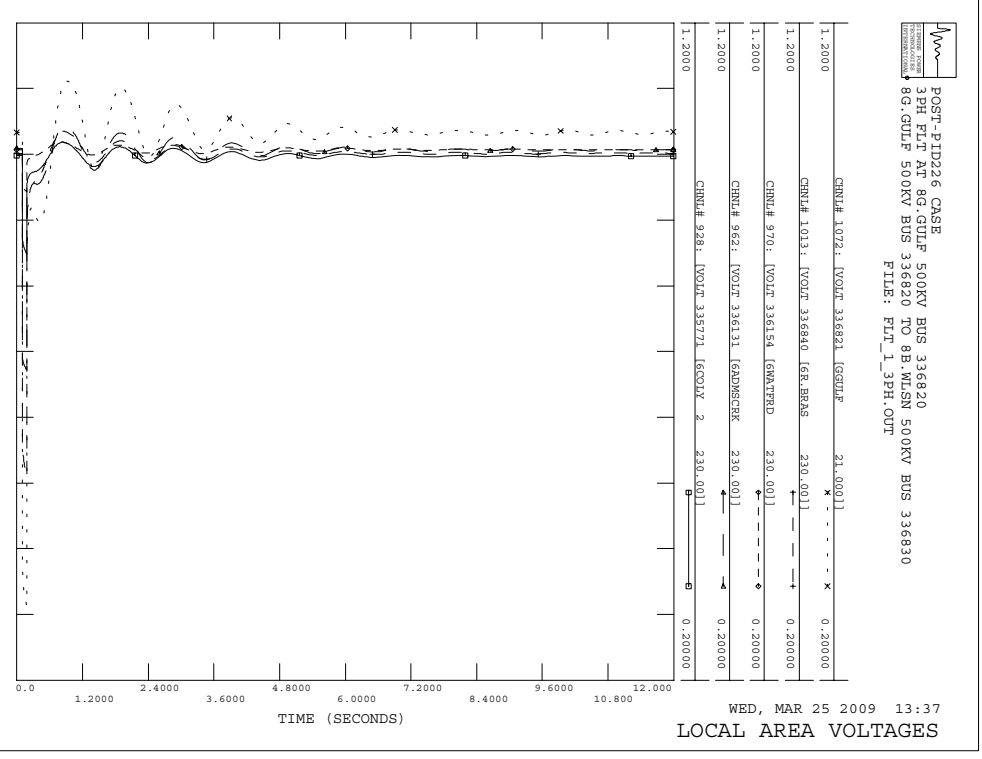
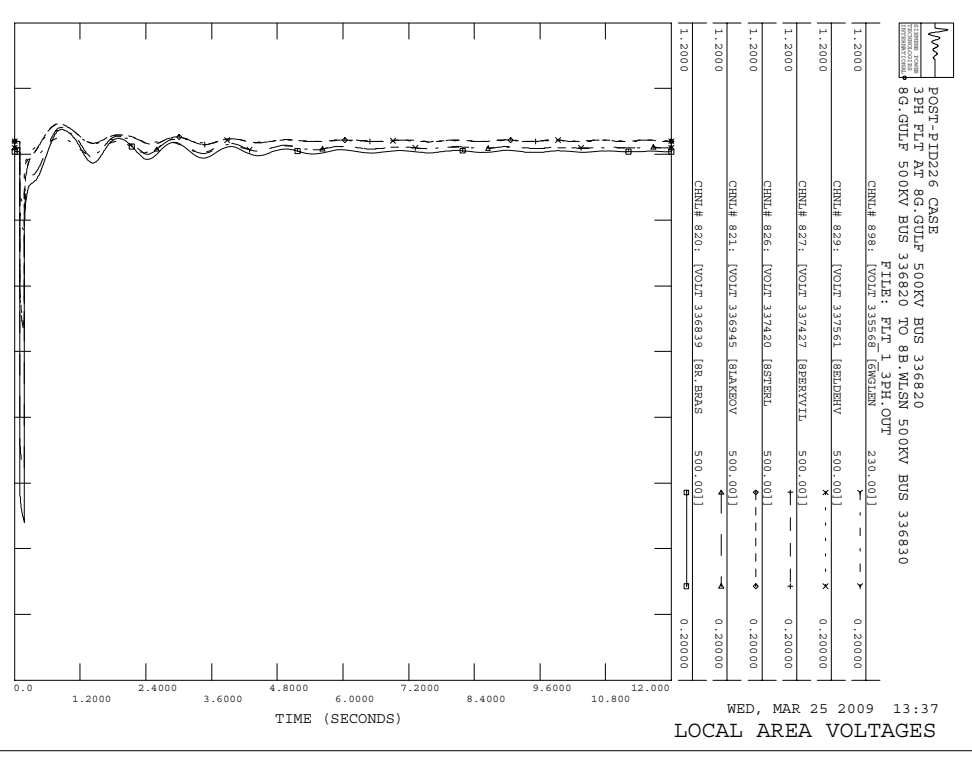
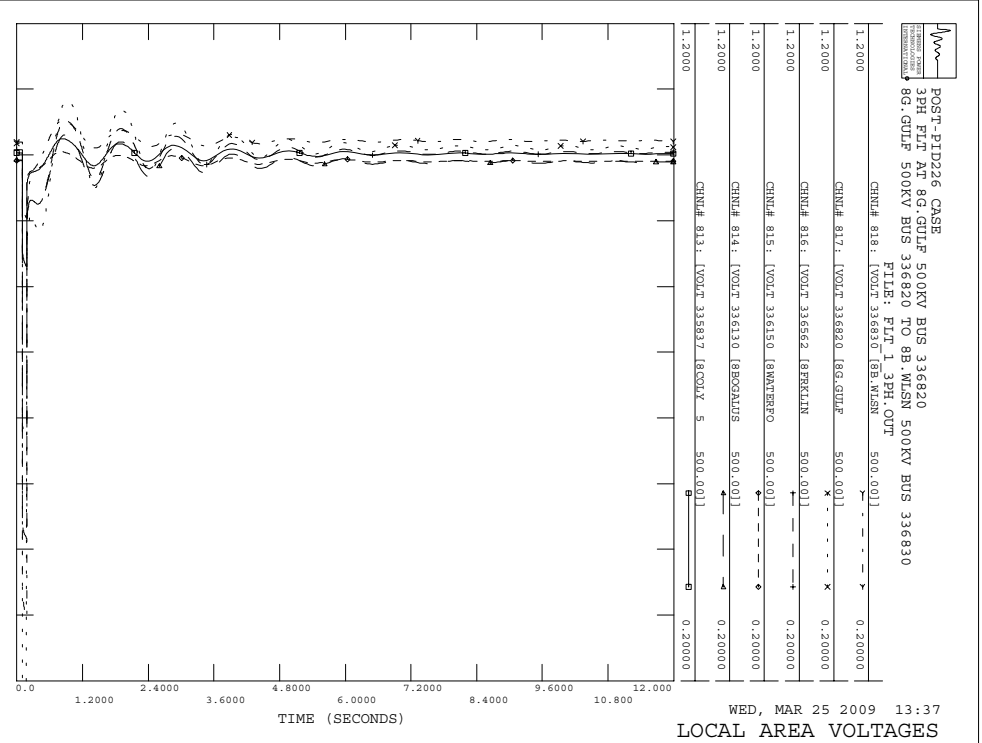
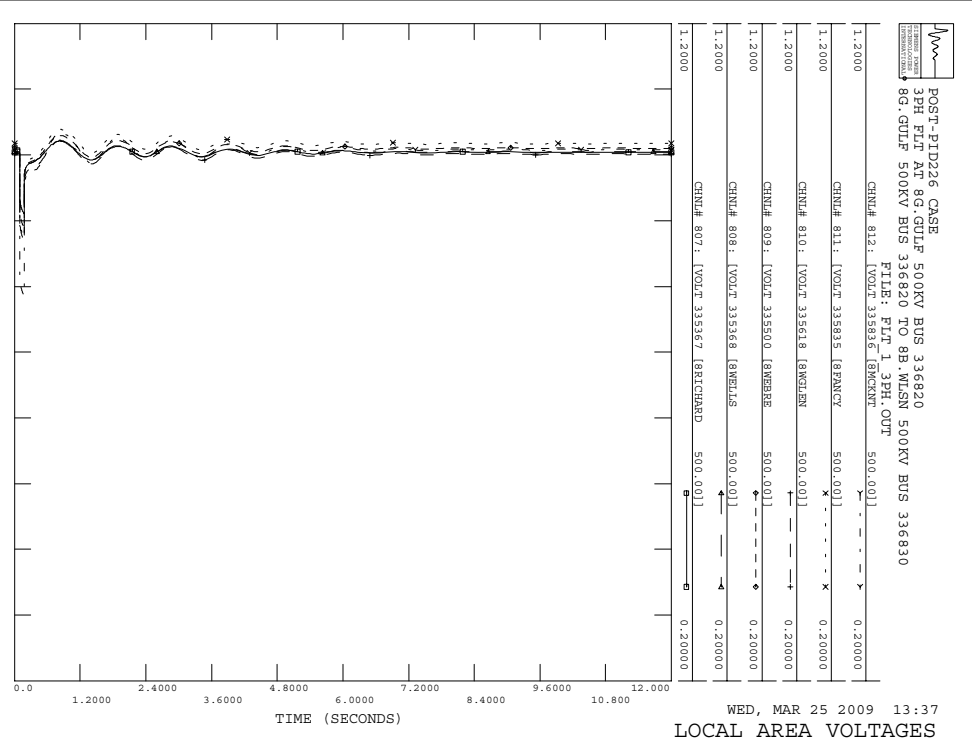
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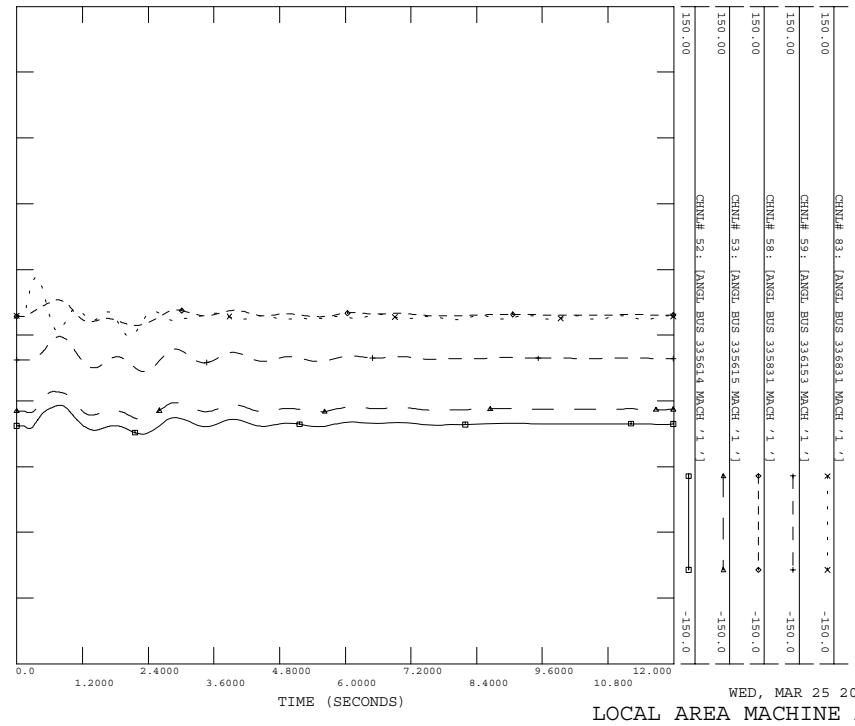
C.1 FLT_1_3PH

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

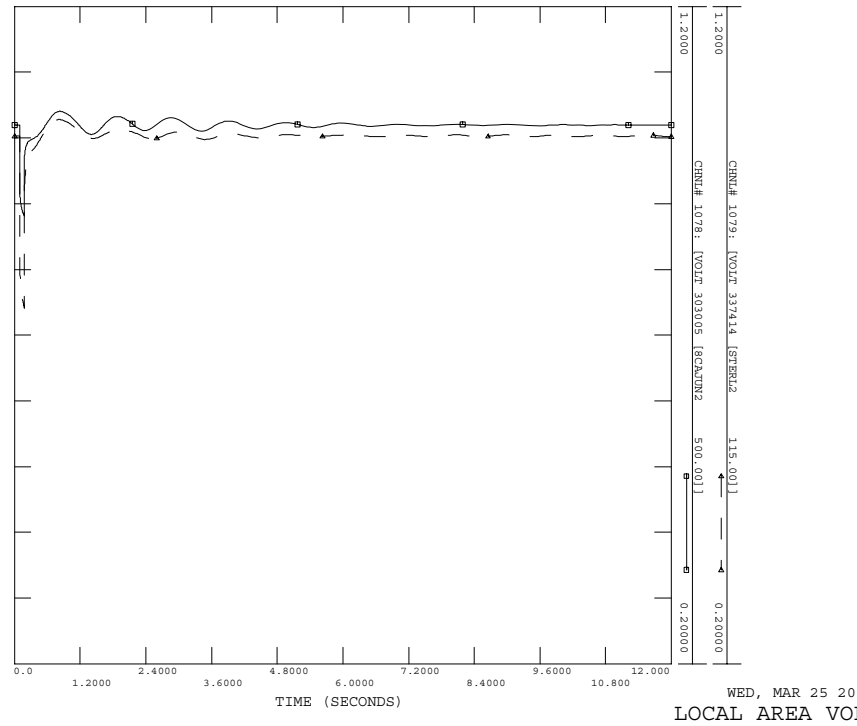
- a) Apply 3 Phase Fault AT 8G.GULF 500KV BUS 336820
- b) Clear fault after 5 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830



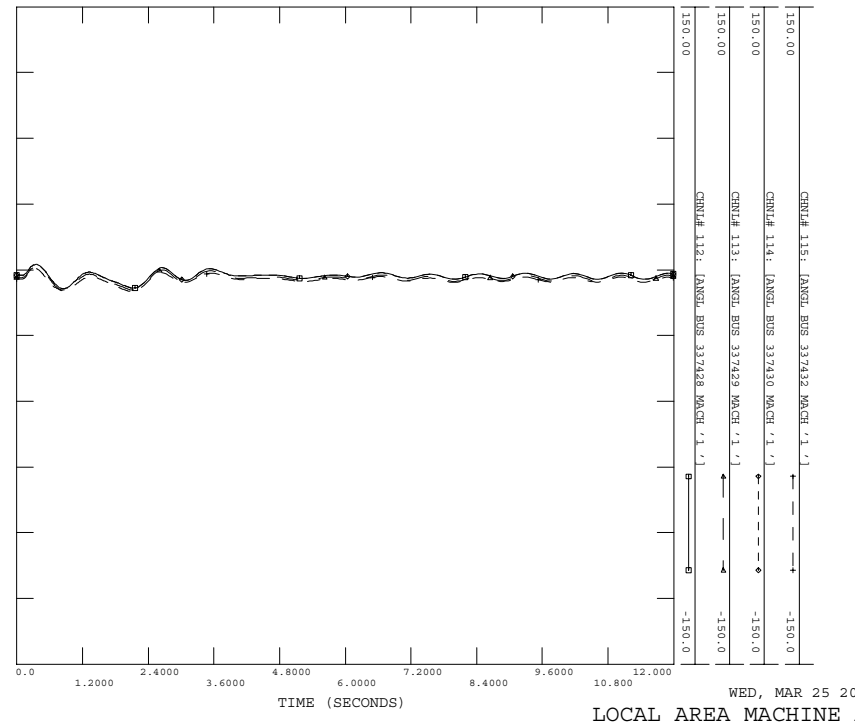
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



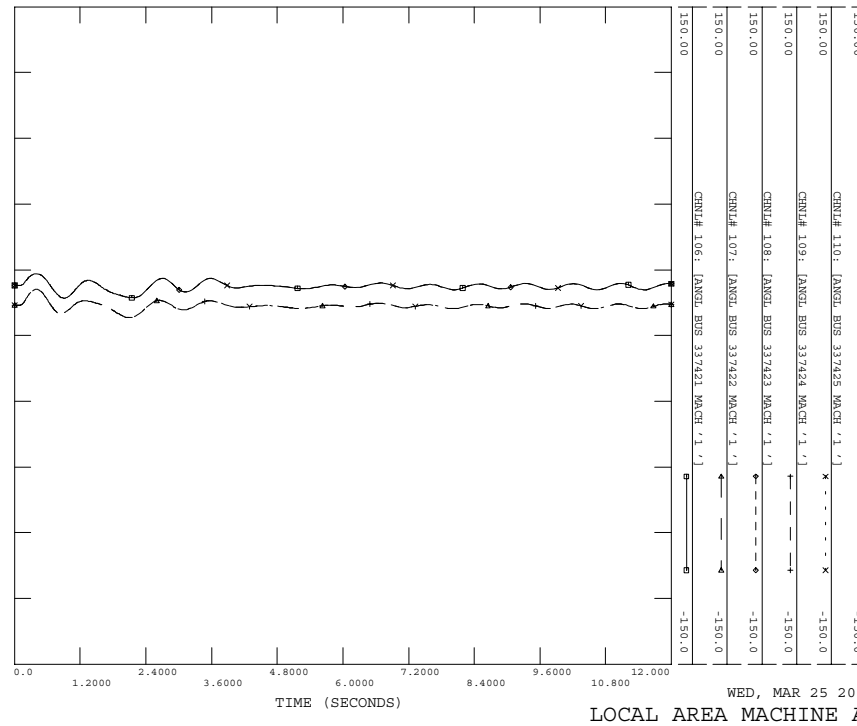
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



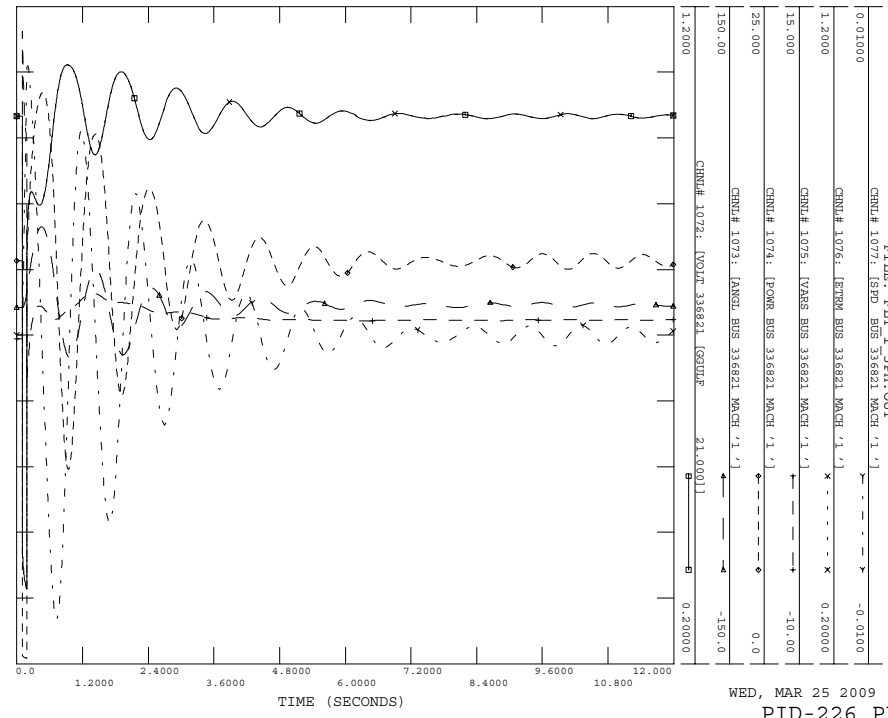
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



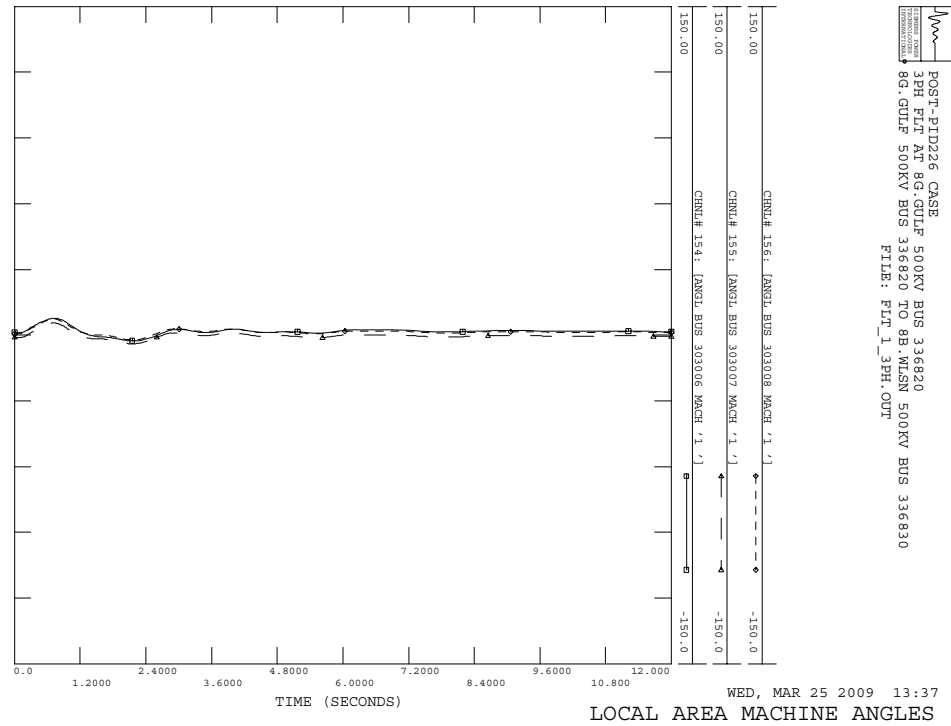
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WASN 500KV BUS 336830
 FILE: FLT_1_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_1_3PH_OUT



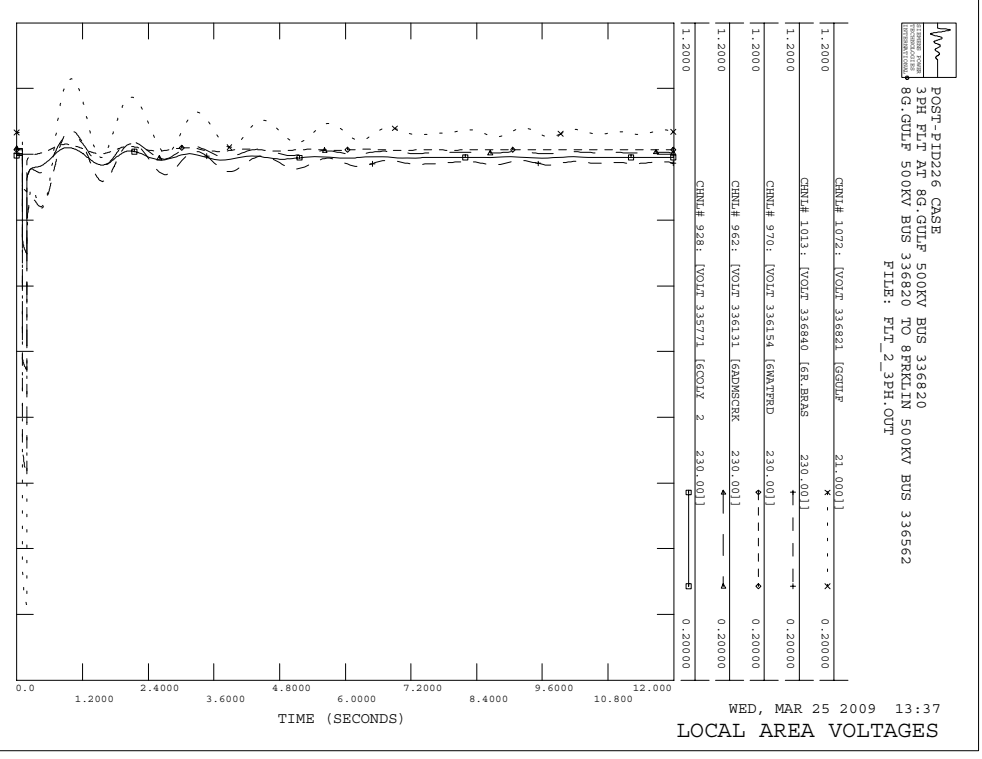
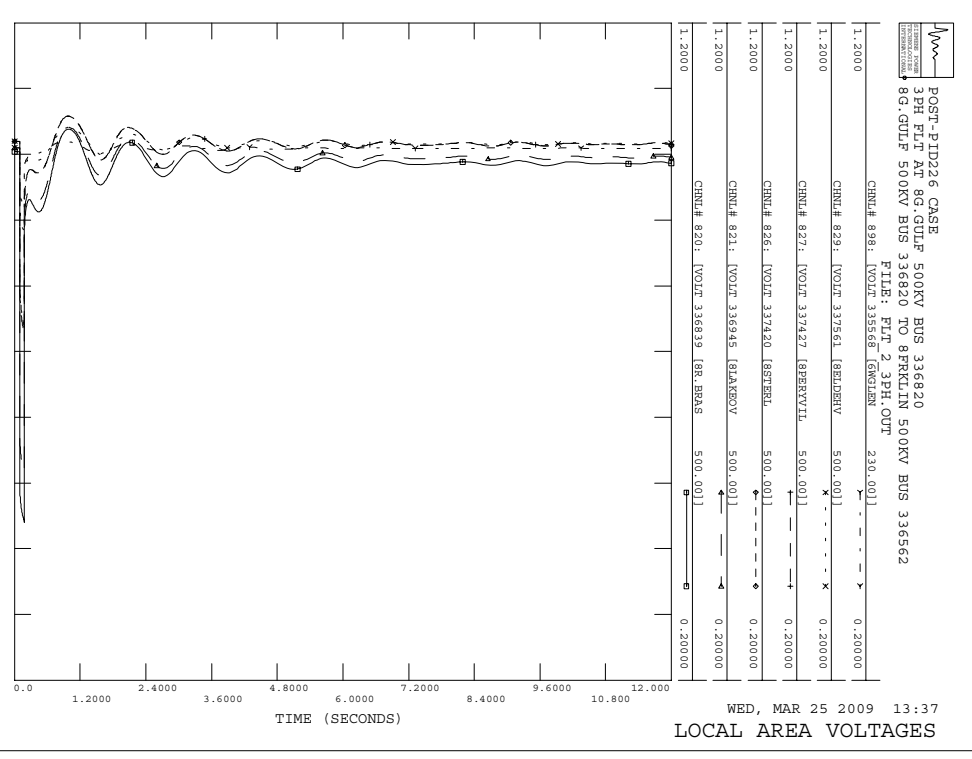
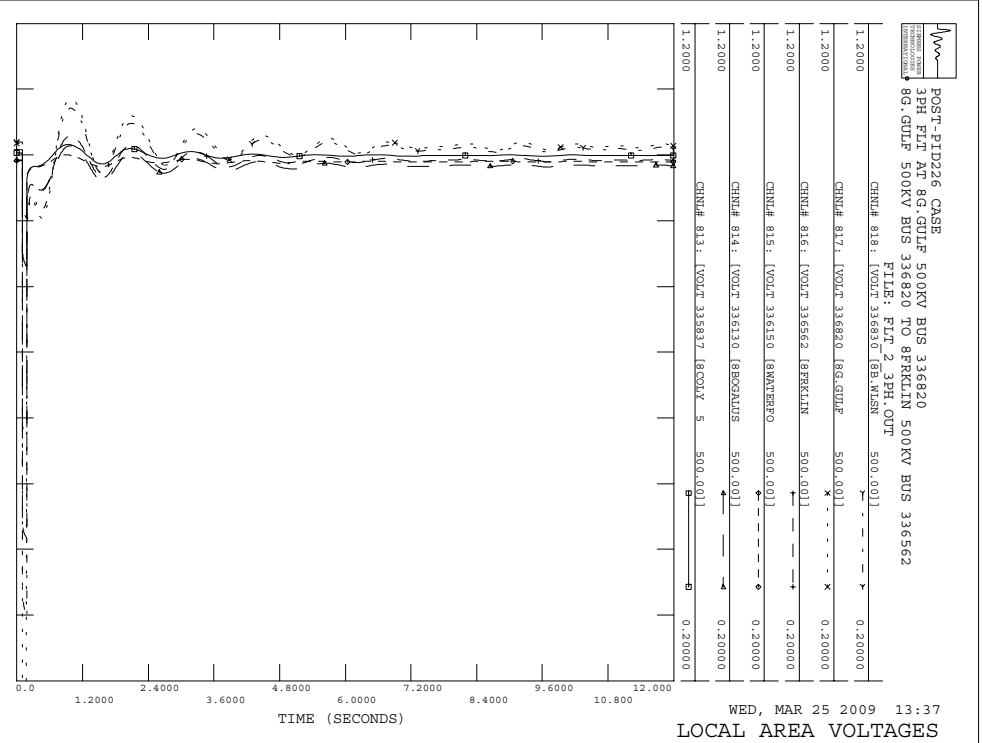
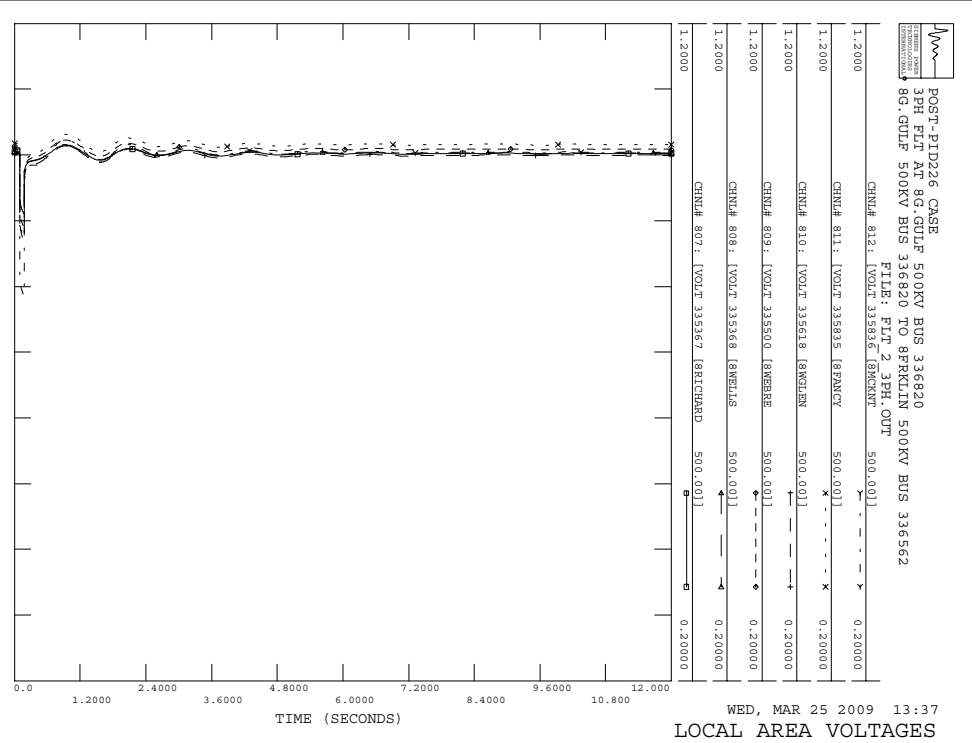
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_1_3PH_OUT



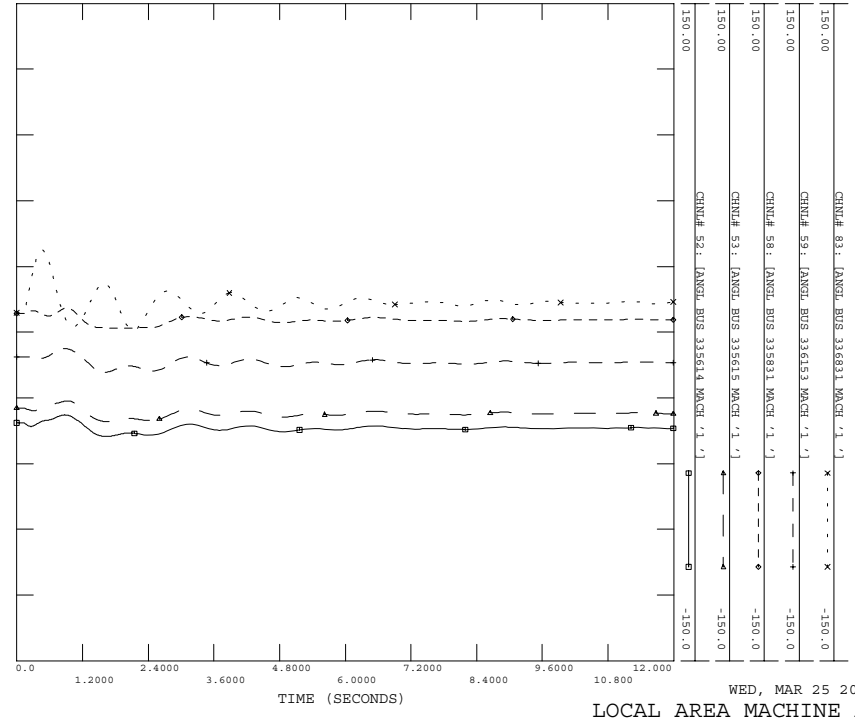
C.2 FLT_2_3PH

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

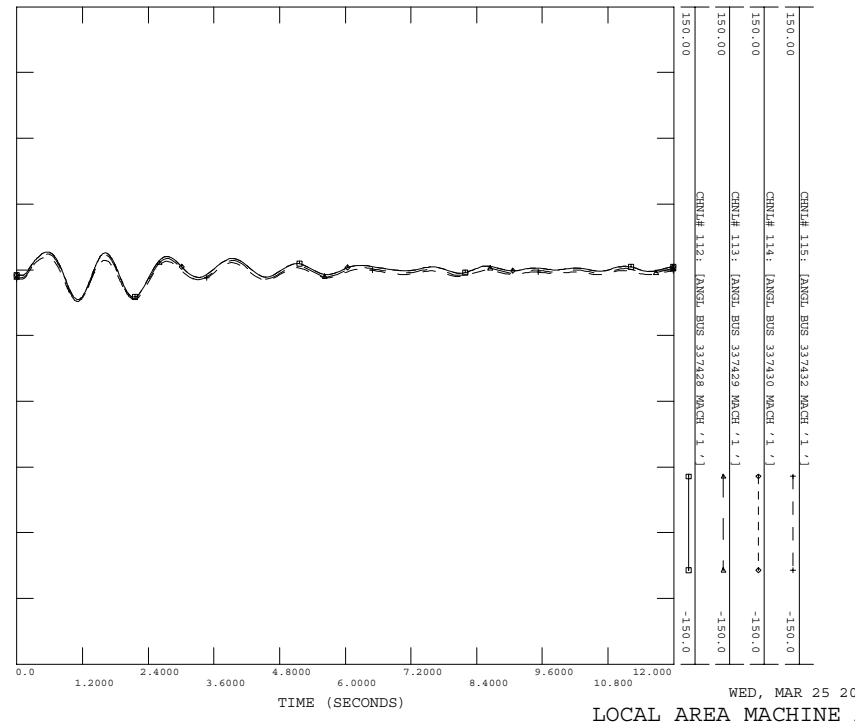
- a) Apply 3 Phase Fault at 8G.GULF 500KV BUS 336820
- b) Clear fault after 5 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562



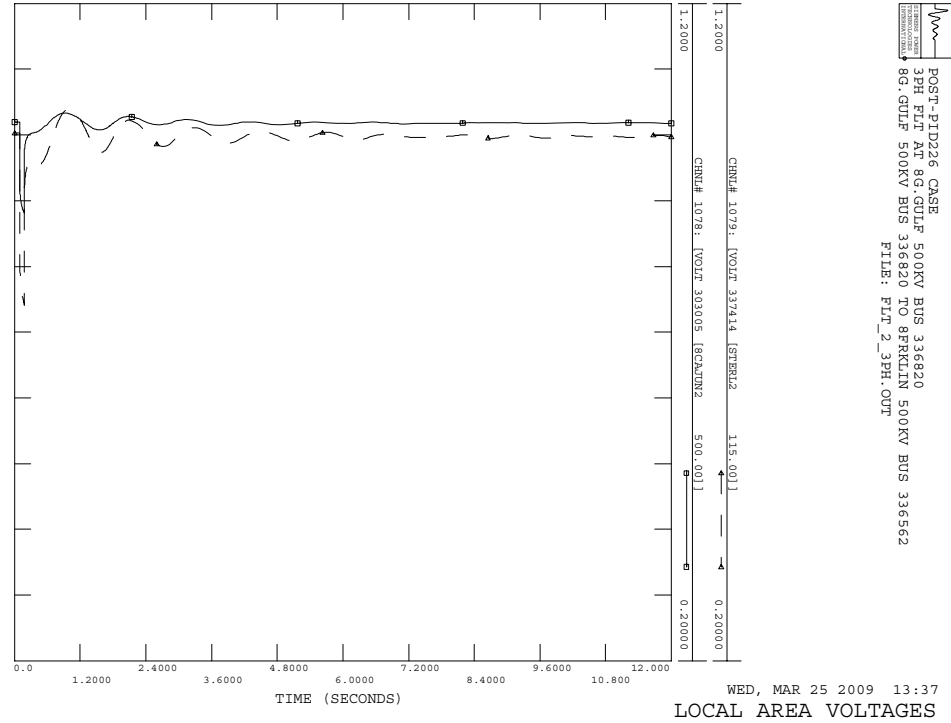
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_2_3PH.OUT



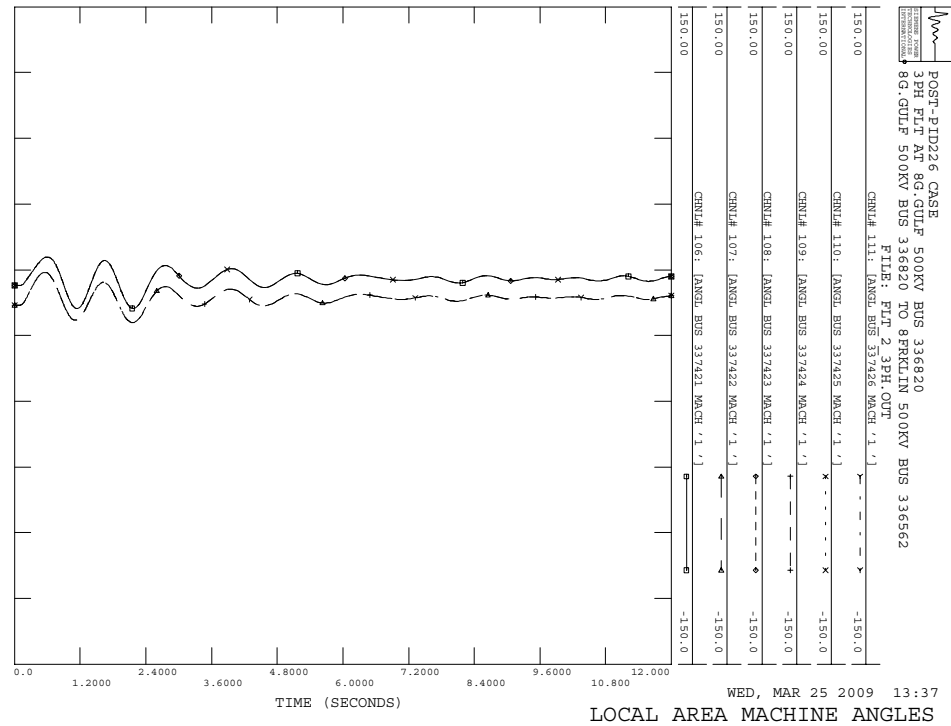
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_2_3PH.OUT



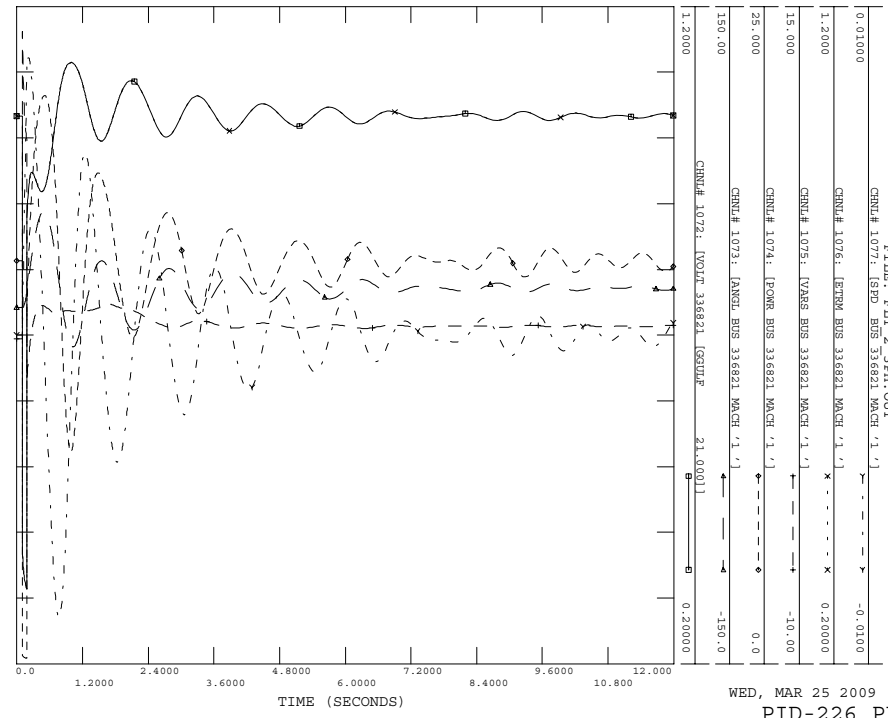
POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_2_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_2_3PH.OUT

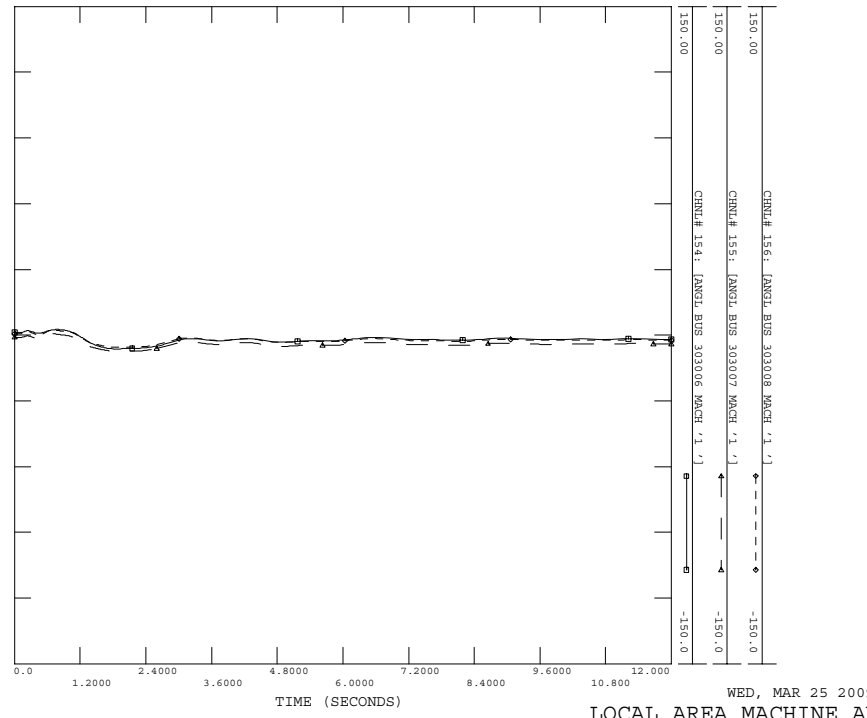


POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLI_2_3PH.OUT



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 PID-226 PLOTS

POST-PID226 CASE
 3PH FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLI_2_3PH.OUT

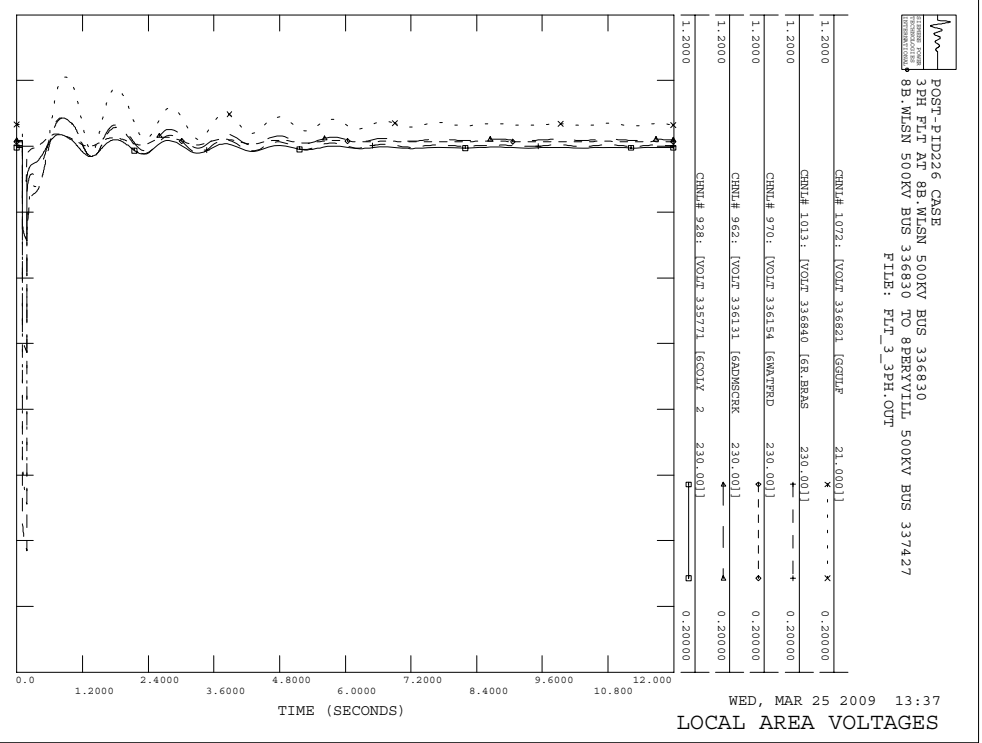
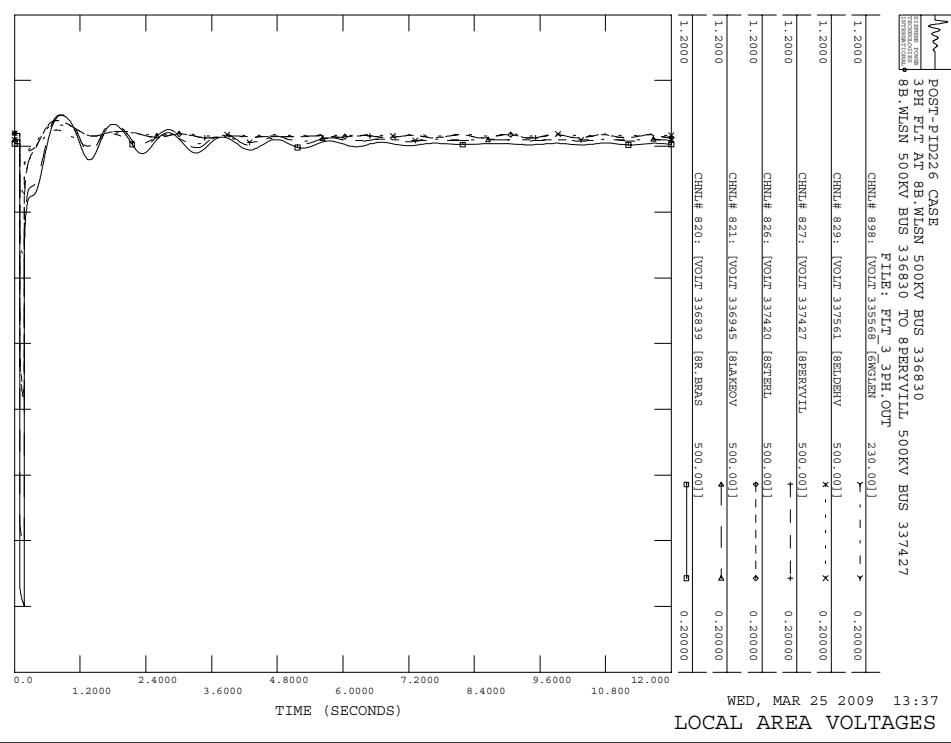
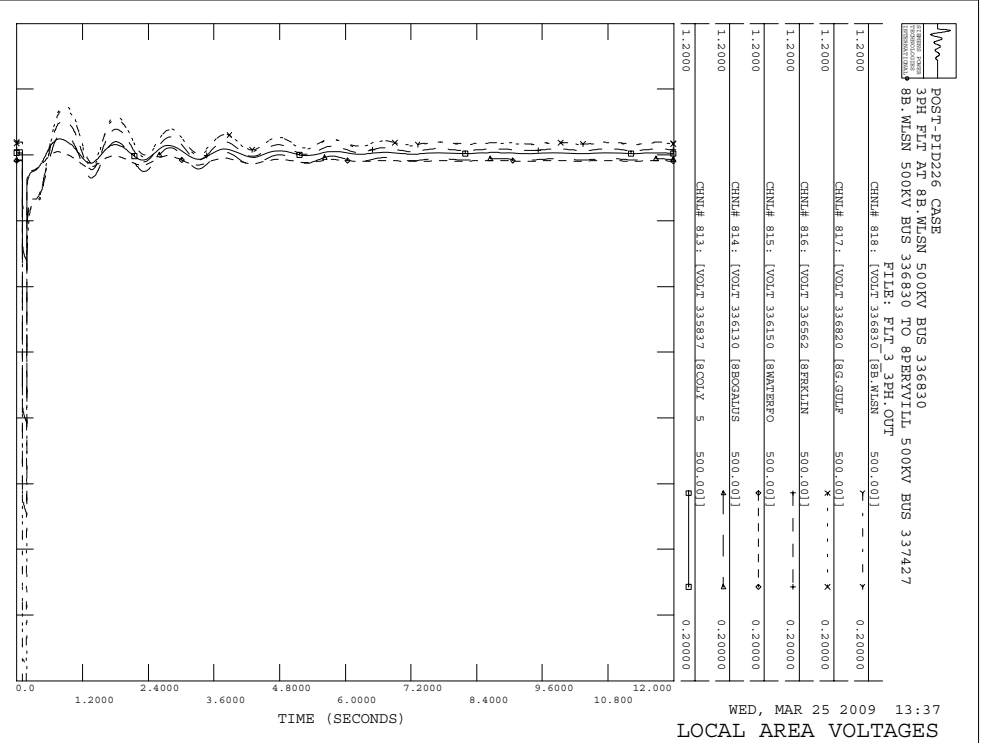
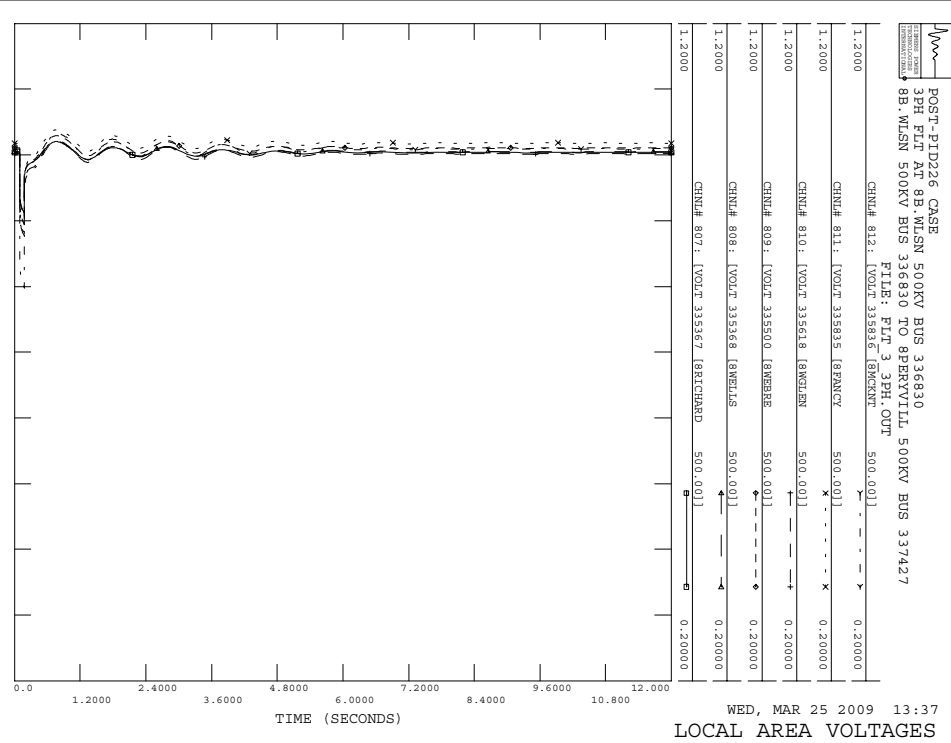


WED, MAR 25 2009 13:37
 LOCAL AREA MACHINE ANGLES

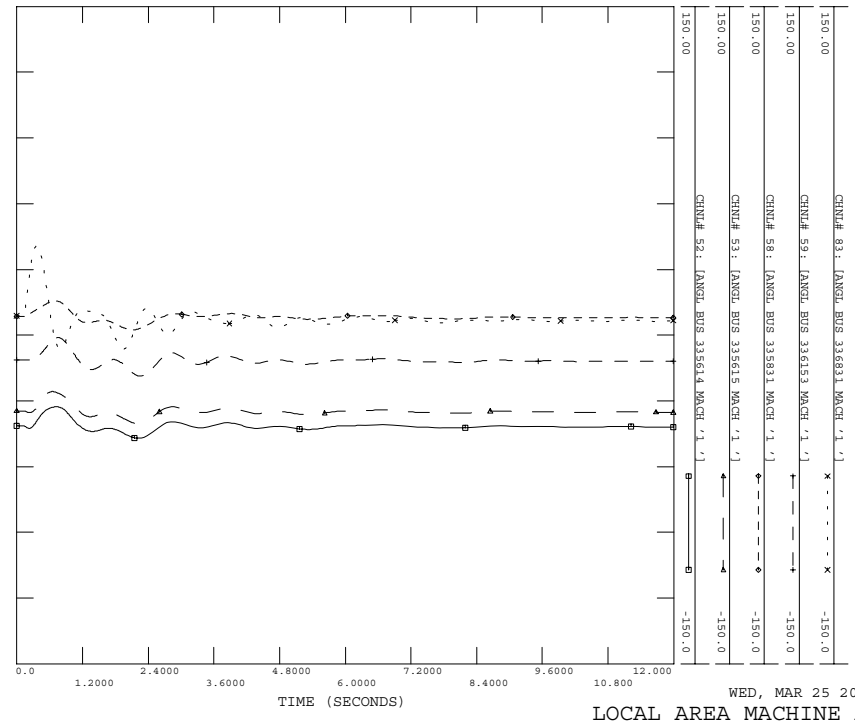
C.3 FLT_3_3PH

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

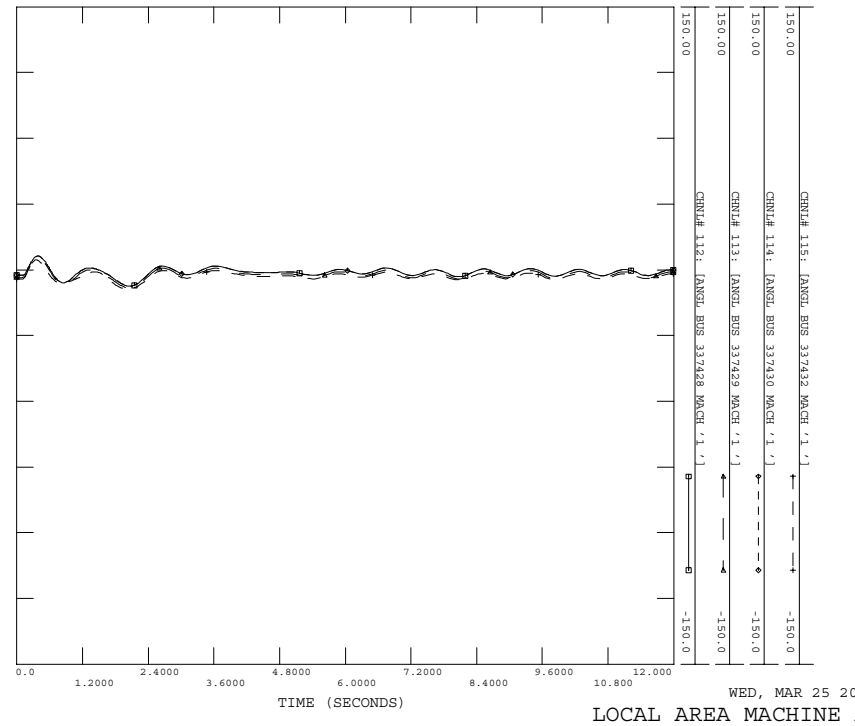
- a) Apply 3 Phase Fault at 8B.WLSN 500KV BUS 336830
- b) Clear fault after 5 cycles by tripping line from 8B.WLSN 500KV BUS 336830 TO 8PERYVILL 500KV BUS 337427



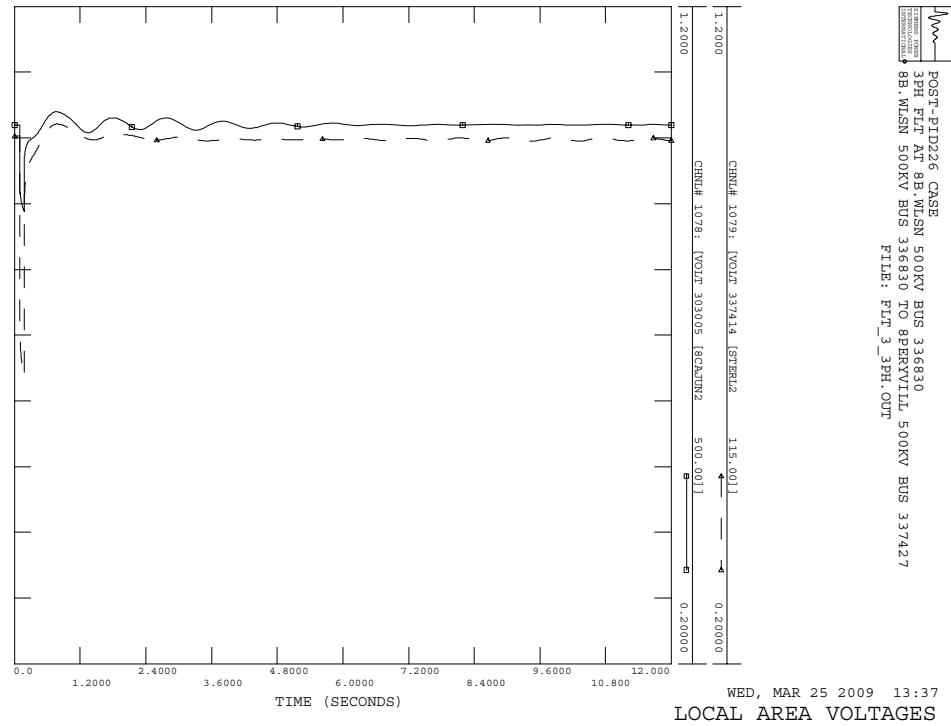
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8PERRYVILL 500KV BUS 337427
 FILE: FLT_3_3PH.OUT



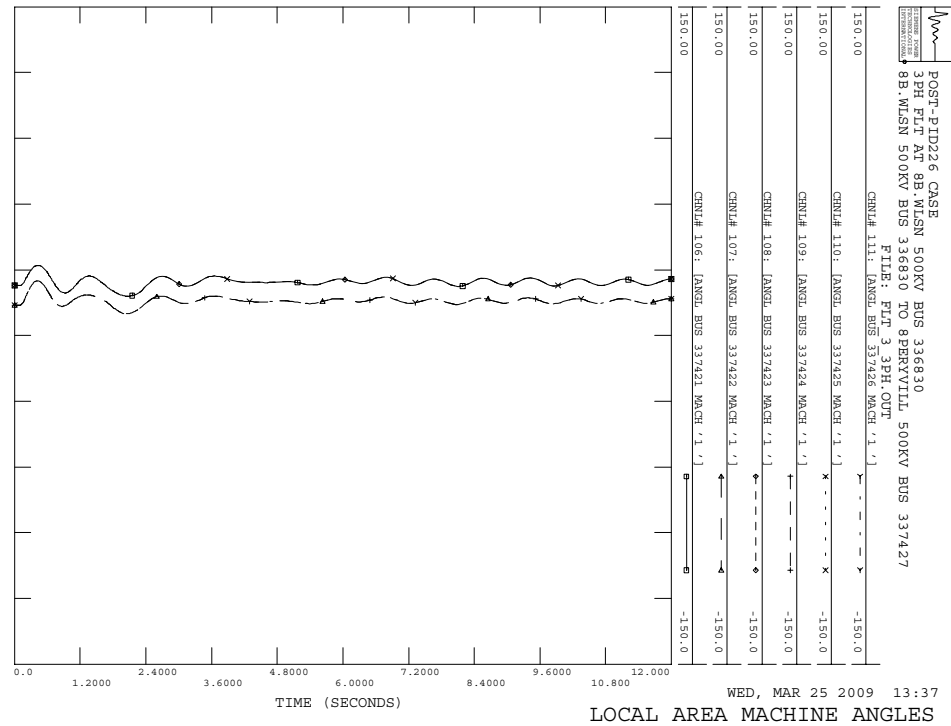
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8PERRYVILL 500KV BUS 337427
 FILE: FLT_3_3PH.OUT



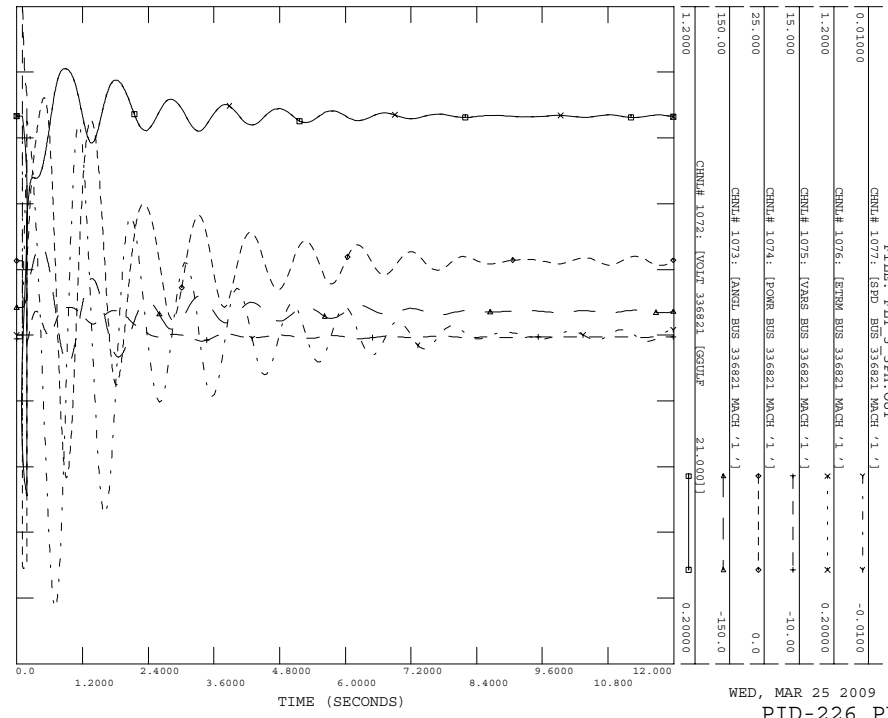
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8PERRYVILL 500KV BUS 337427
 FILE: FLT_3_3PH.OUT



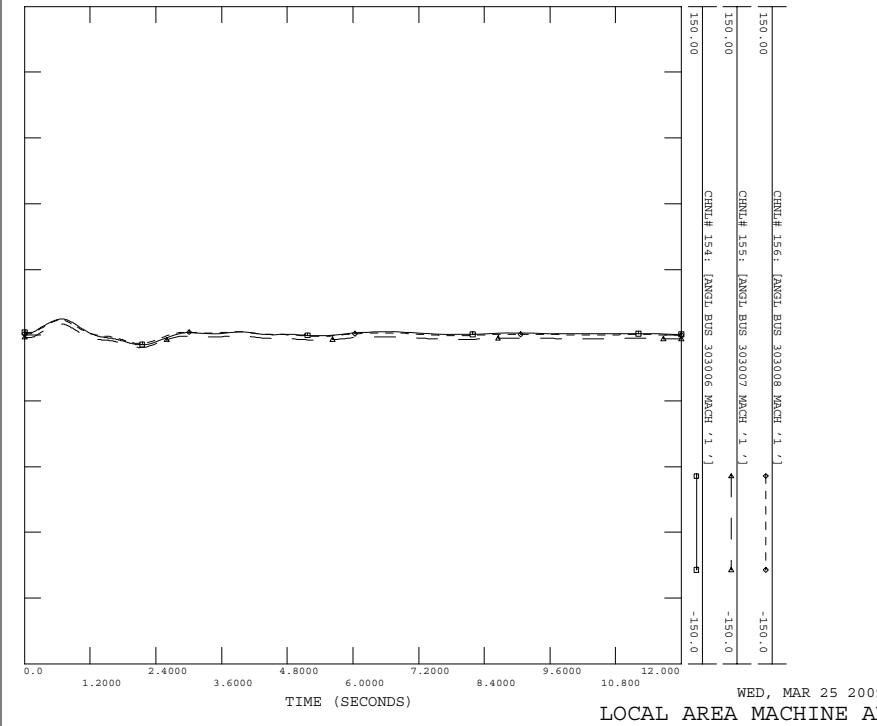
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8PERRYVILL 500KV BUS 337427
 FILE: FLT_3_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8PERRYVILL 500KV BUS 337427
 FILE: FLT_3_3PH.OUT



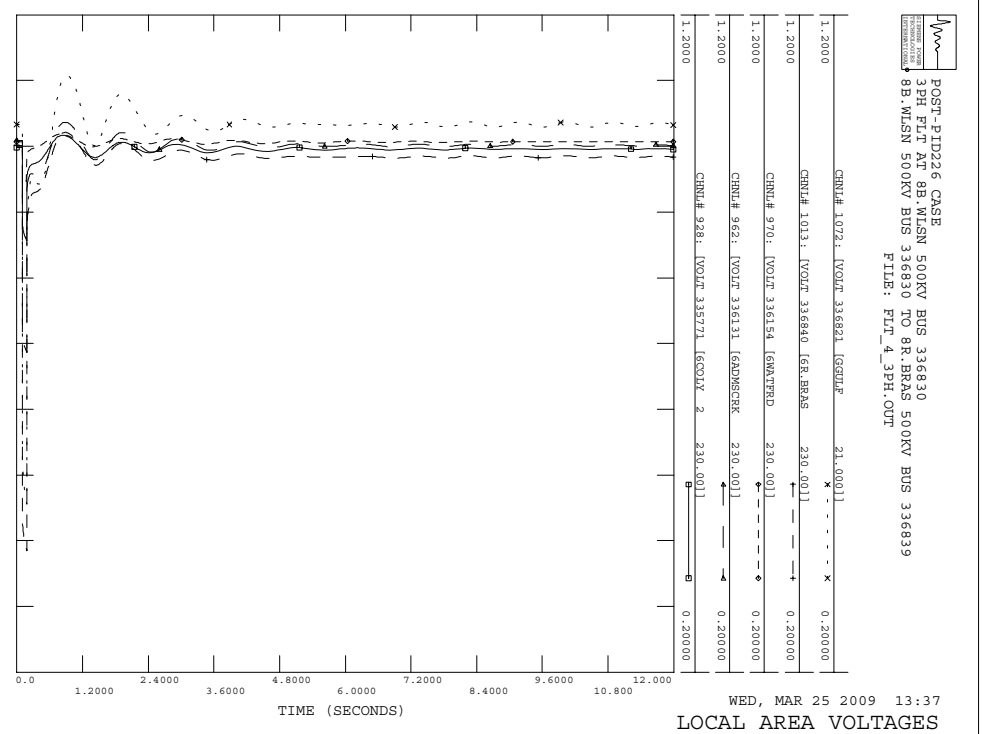
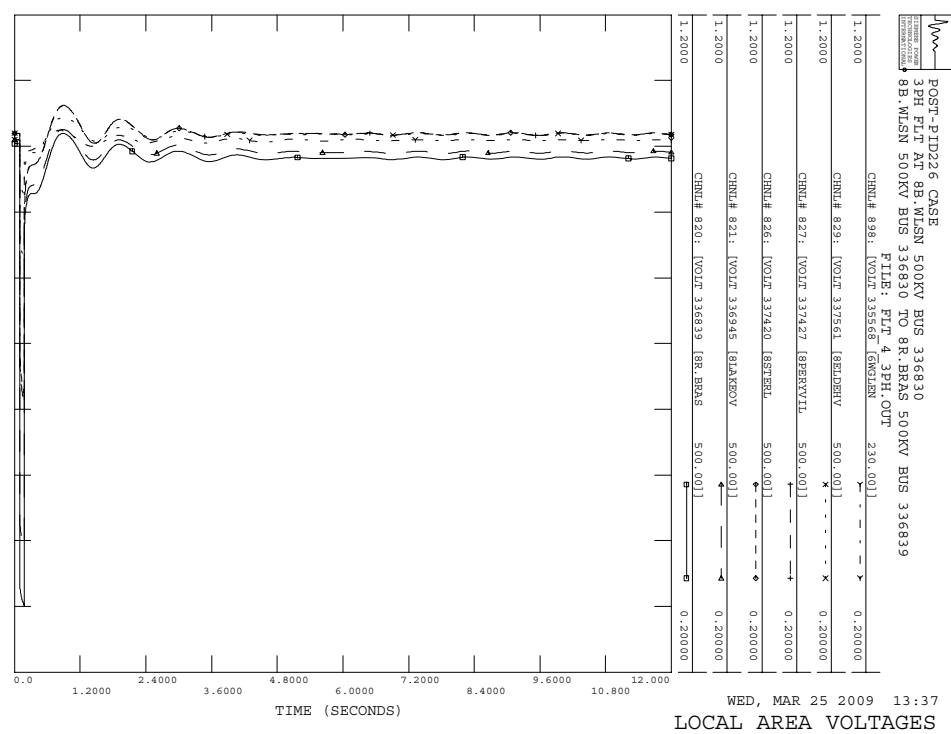
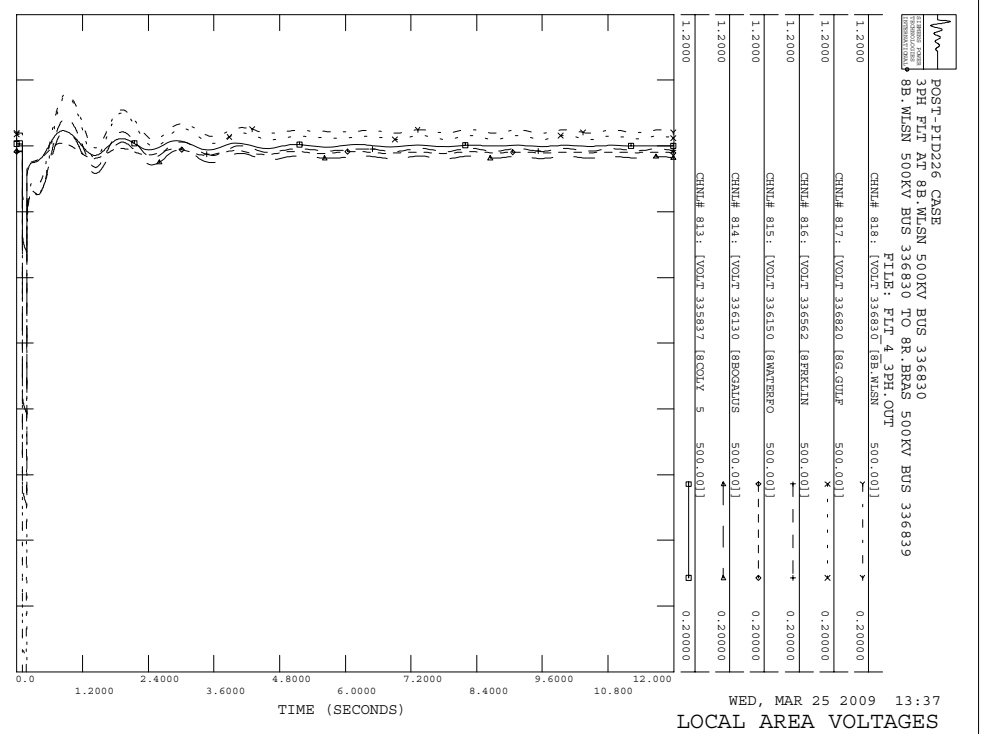
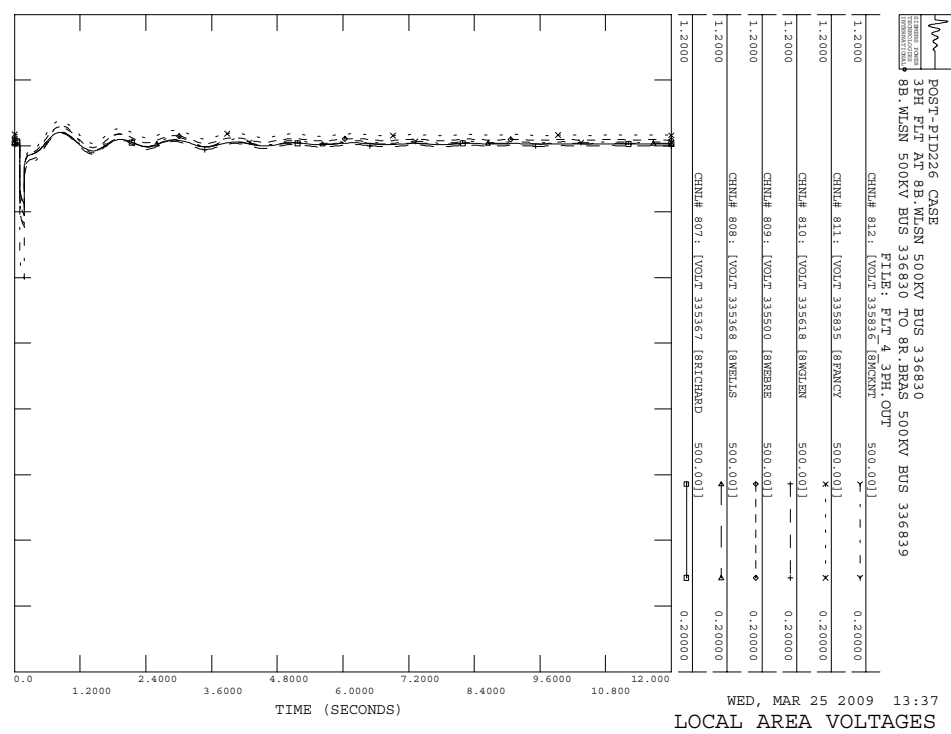
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8PERRYVILL 500KV BUS 337427
 FILE: FLT_3_3PH.OUT



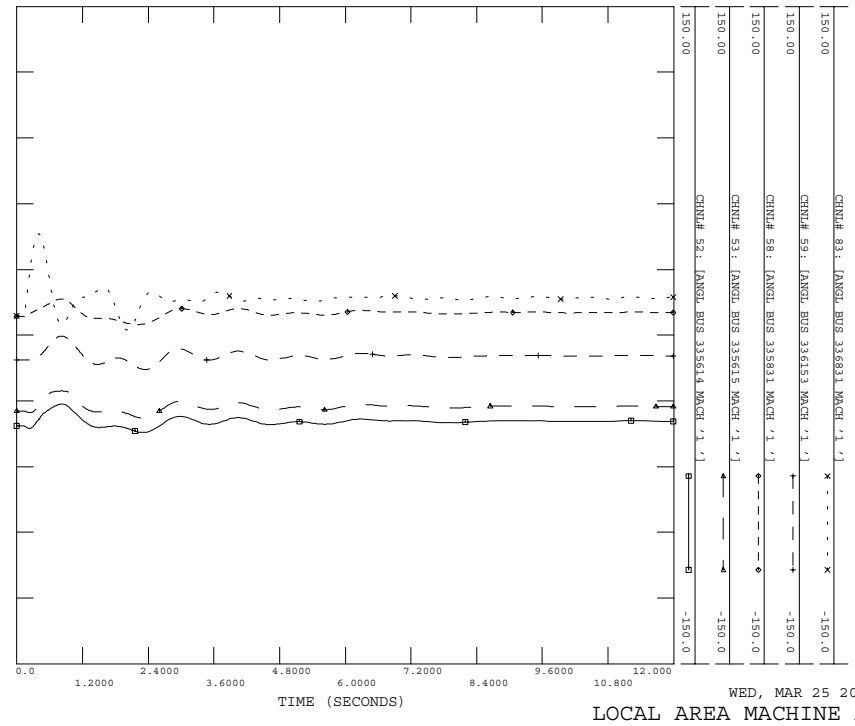
C.4 FLT_4_3PH

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

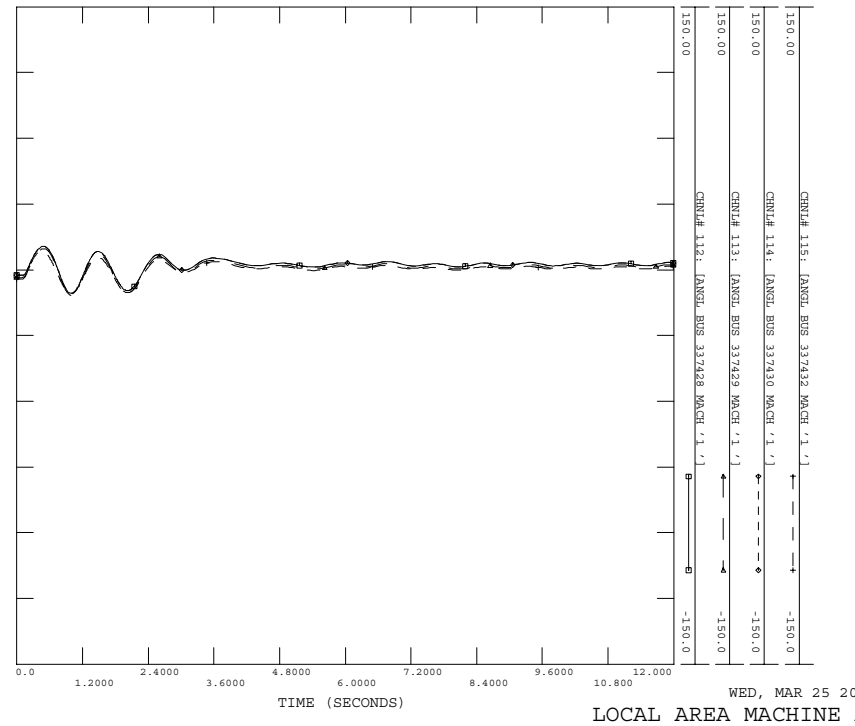
- a) Apply 3 Phase Fault at 8B.WLSN 500KV BUS 336830
- b) Clear fault after 5 cycles by tripping line from 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839



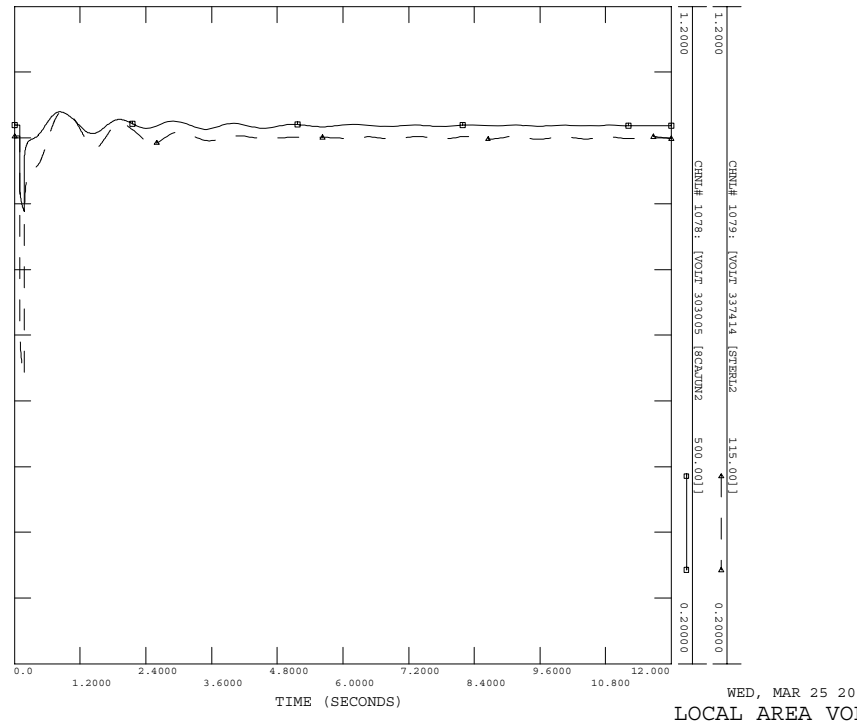
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4_3PH.OUT



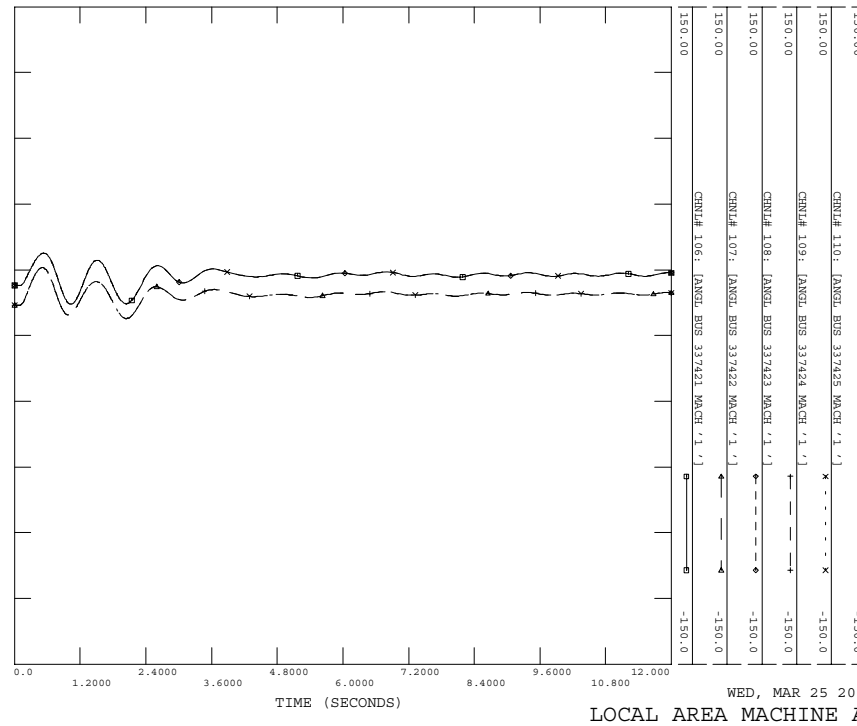
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4_3PH.OUT

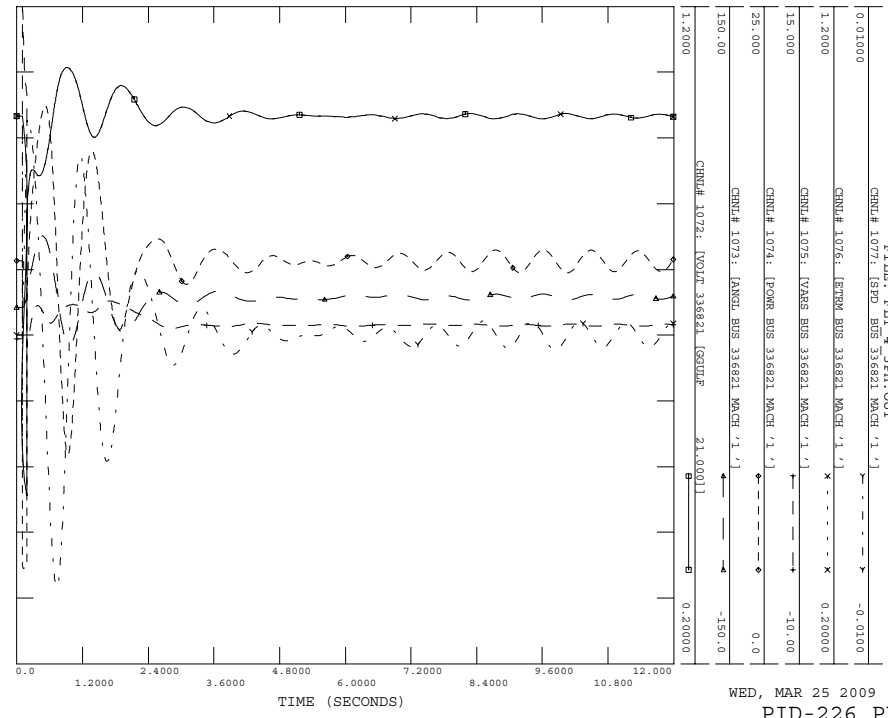


POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4_3PH.OUT

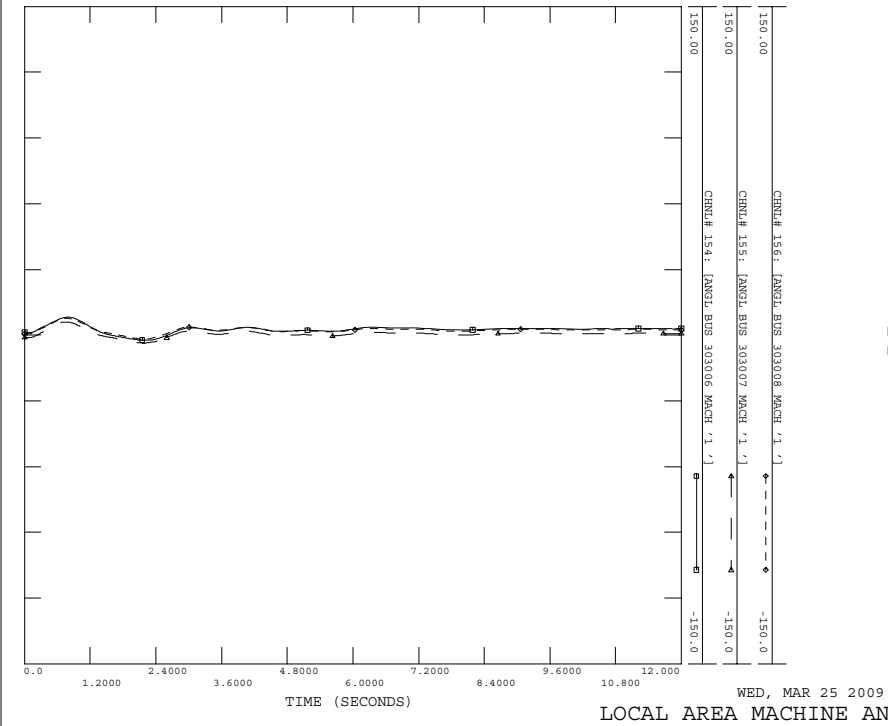




POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4_3PH.OUT



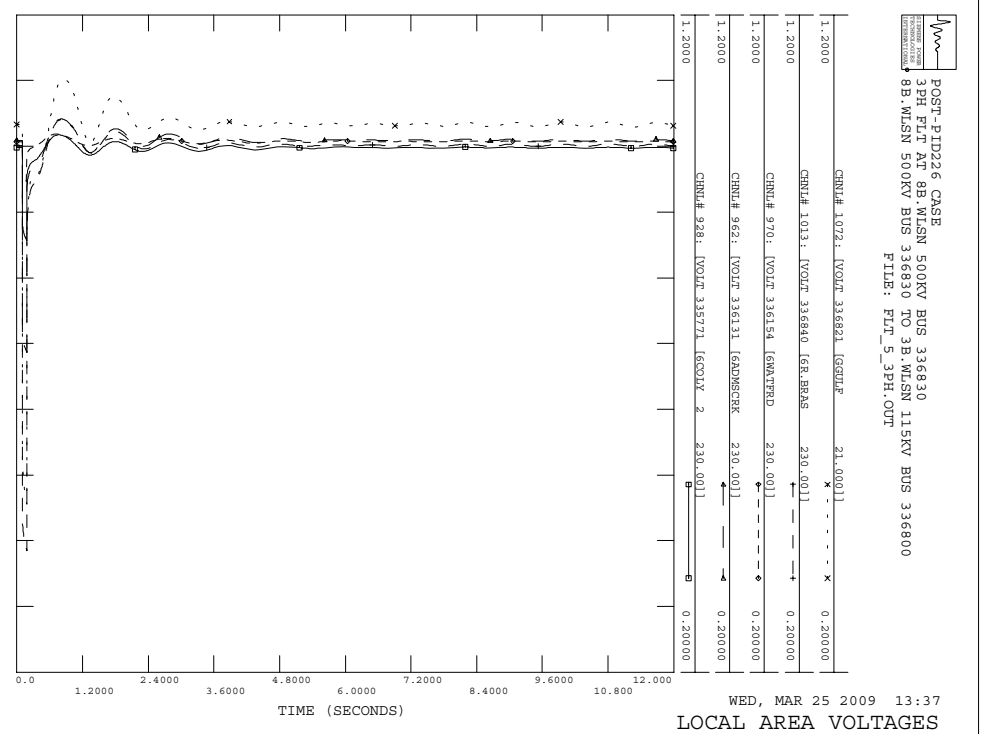
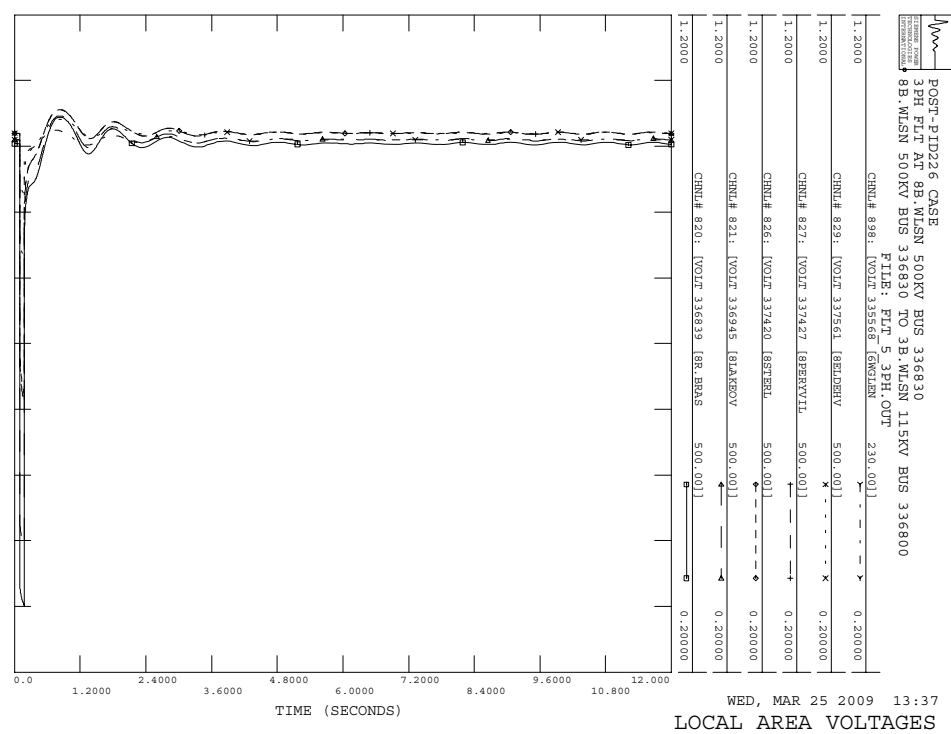
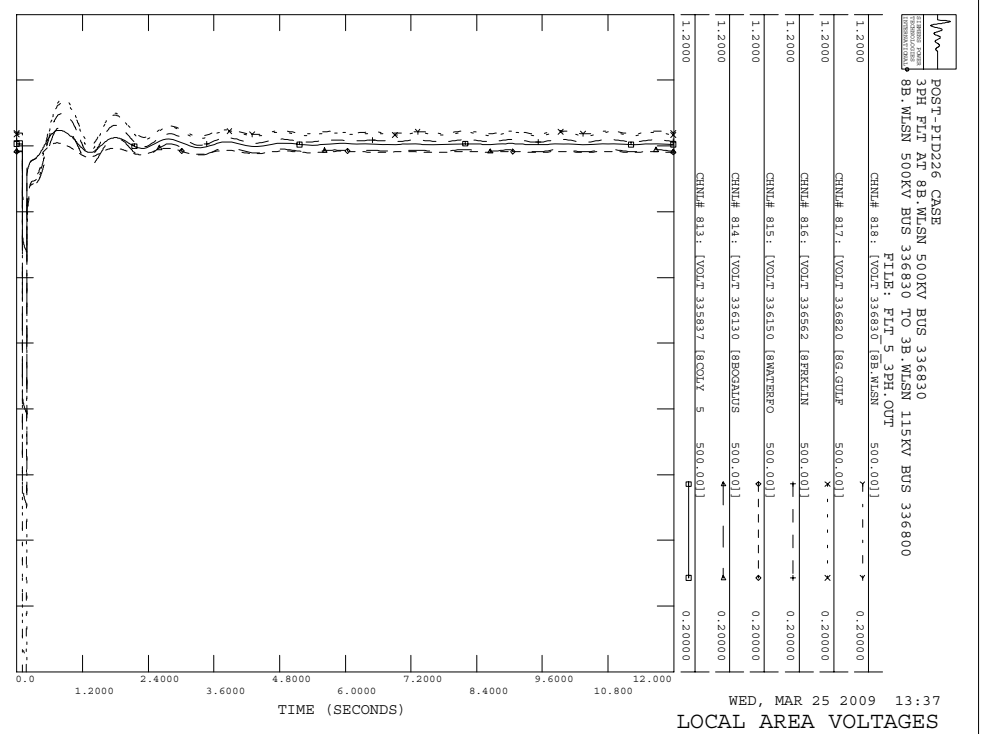
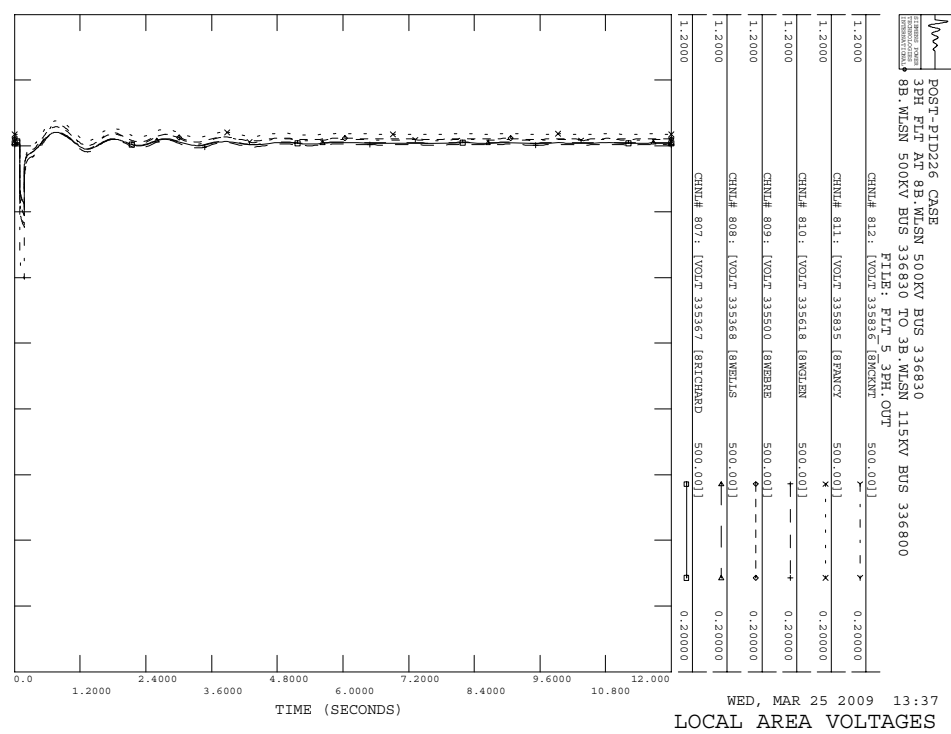
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4_3PH.OUT



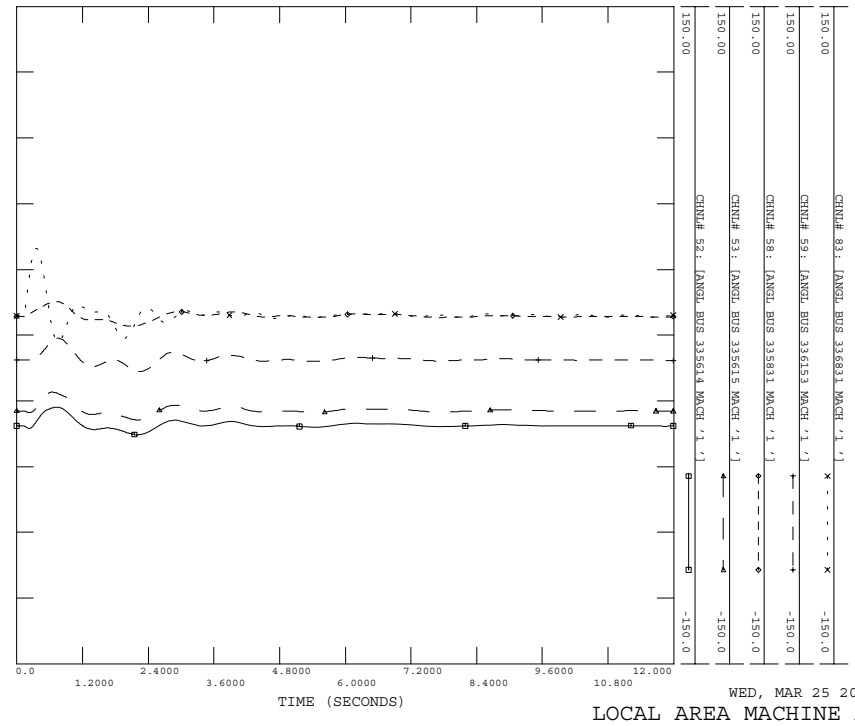
C.5 FLT_5_3PH

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

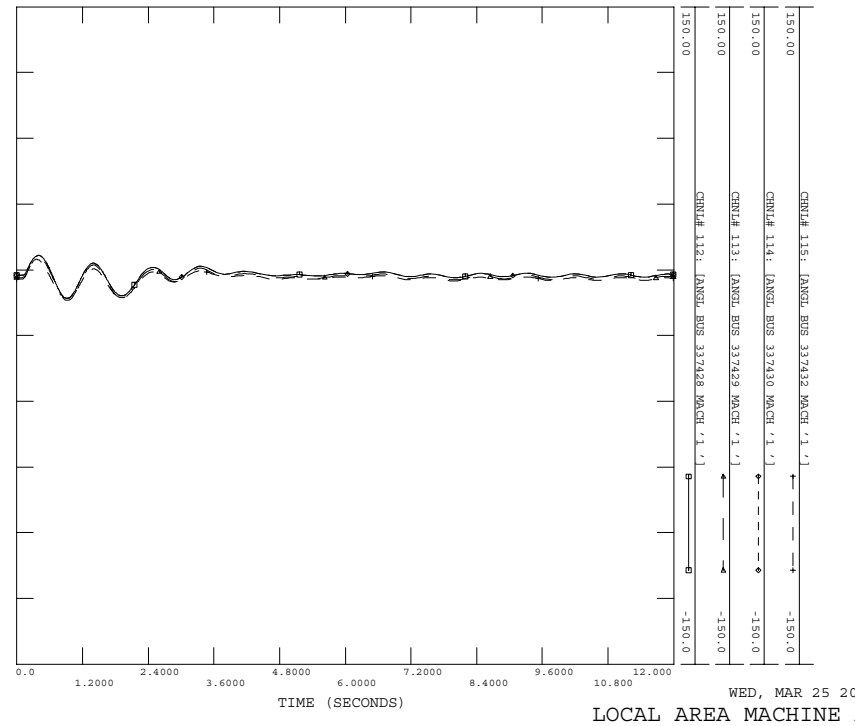
- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Clear fault after 5 cycles by tripping transformer from 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800



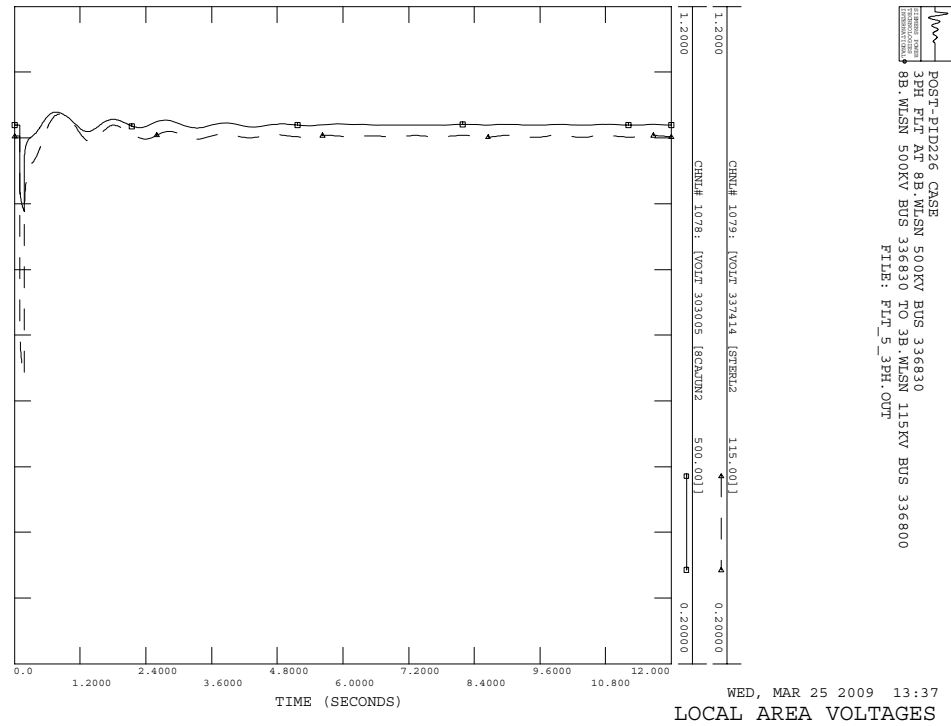
POST-PTD226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_5_3PH.OUT



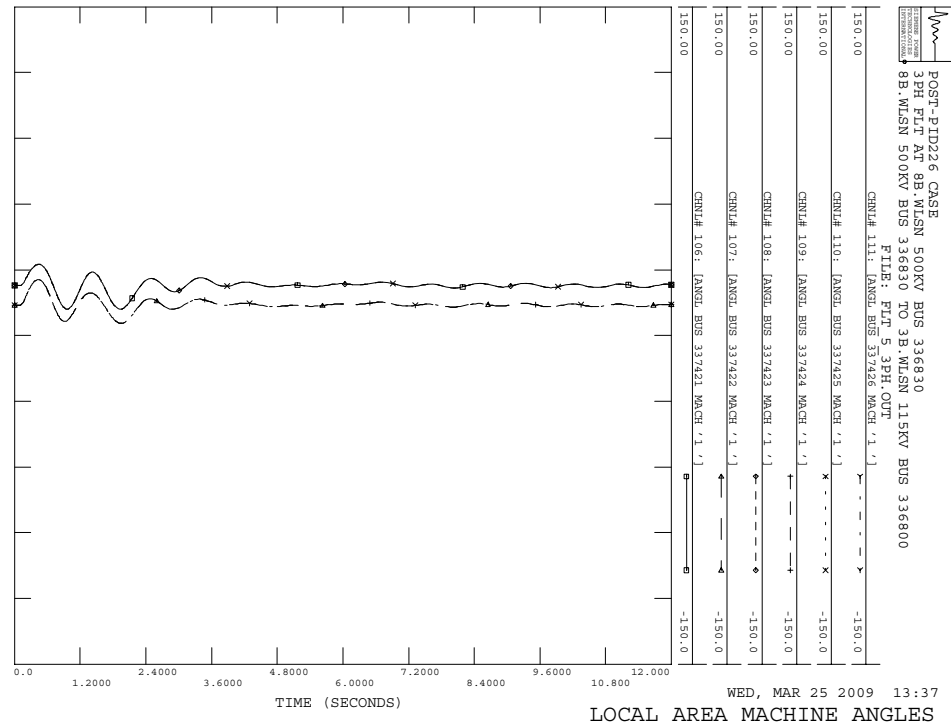
POST-PTD226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_5_3PH.OUT



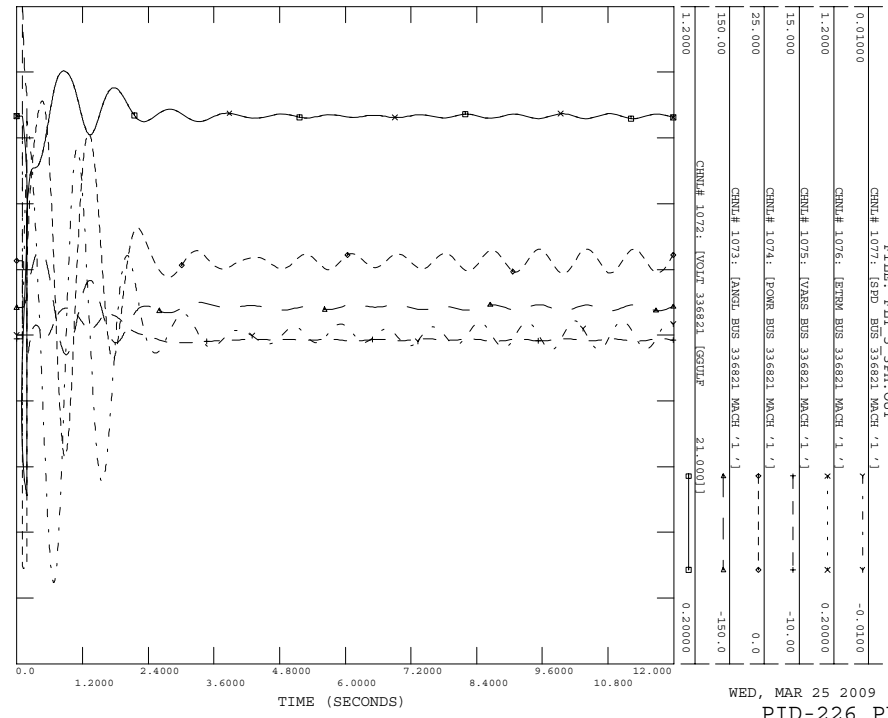
POST-PTD226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_5_3PH.OUT



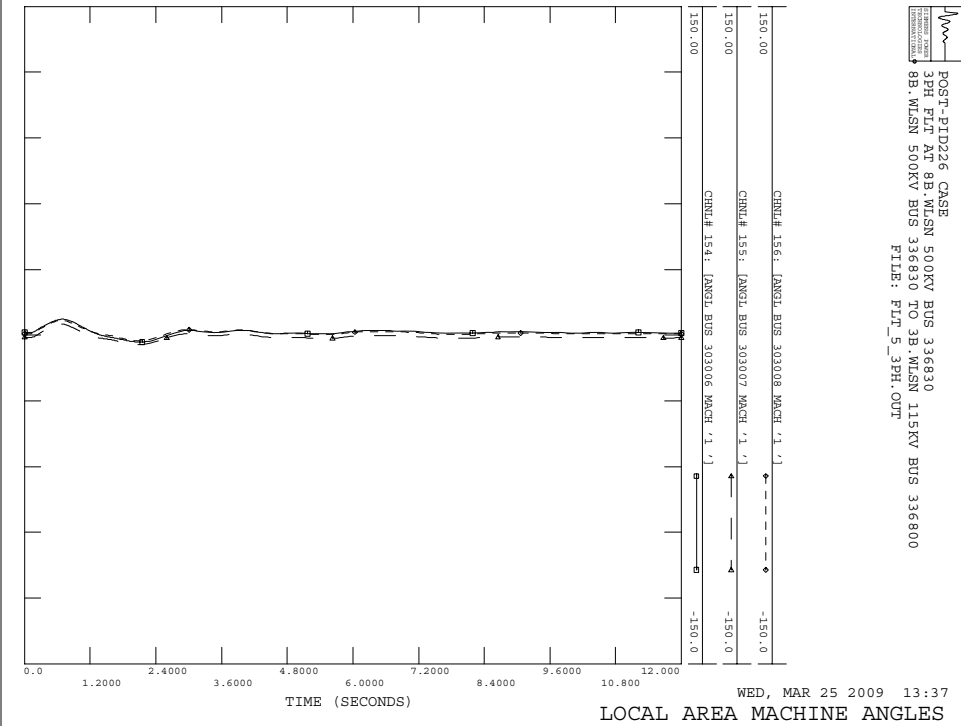
POST-PTD226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_5_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_5_3PH.OUT



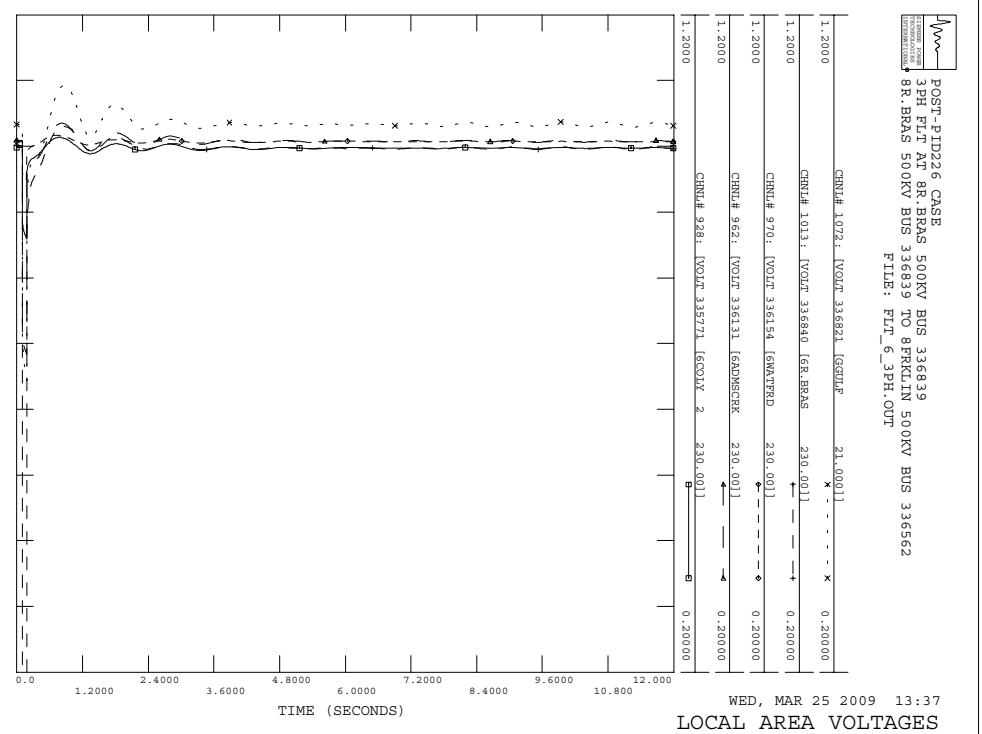
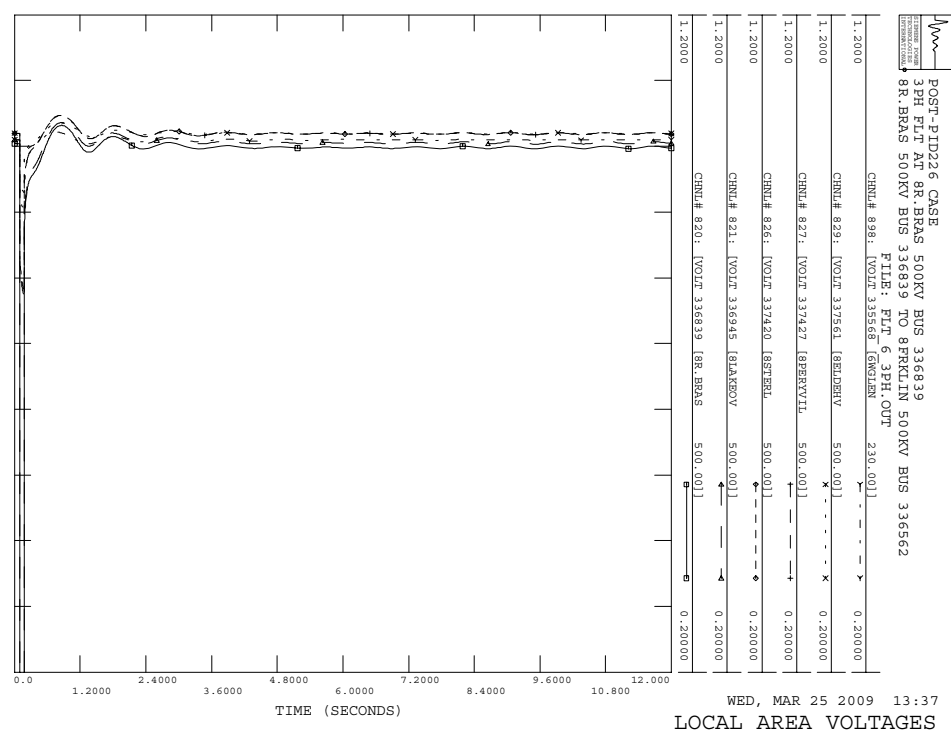
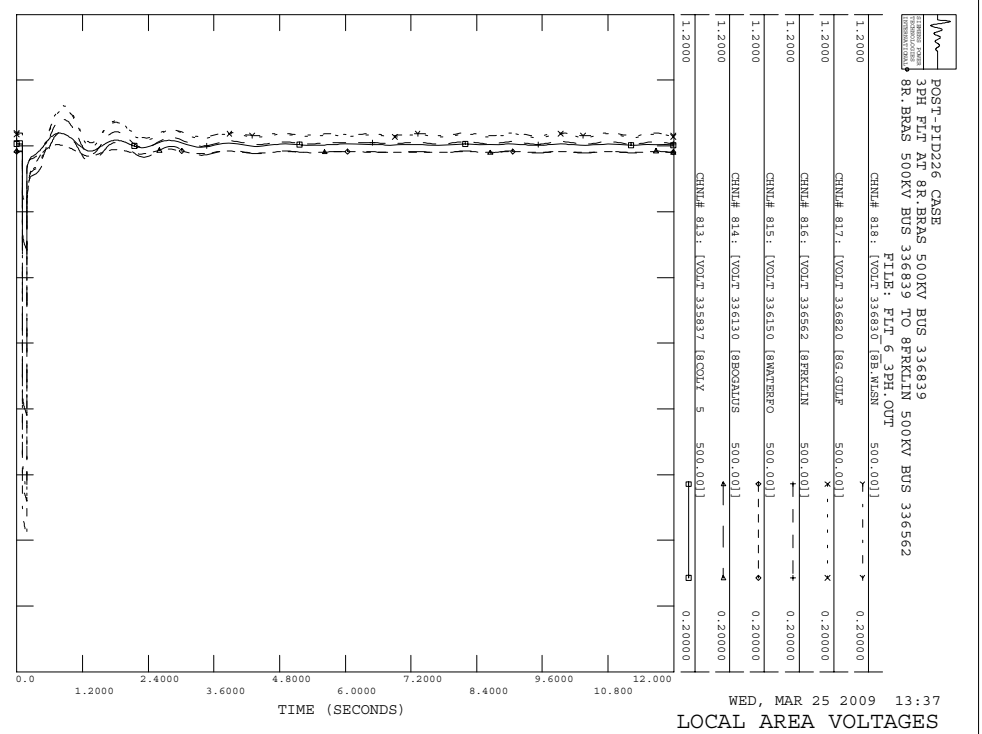
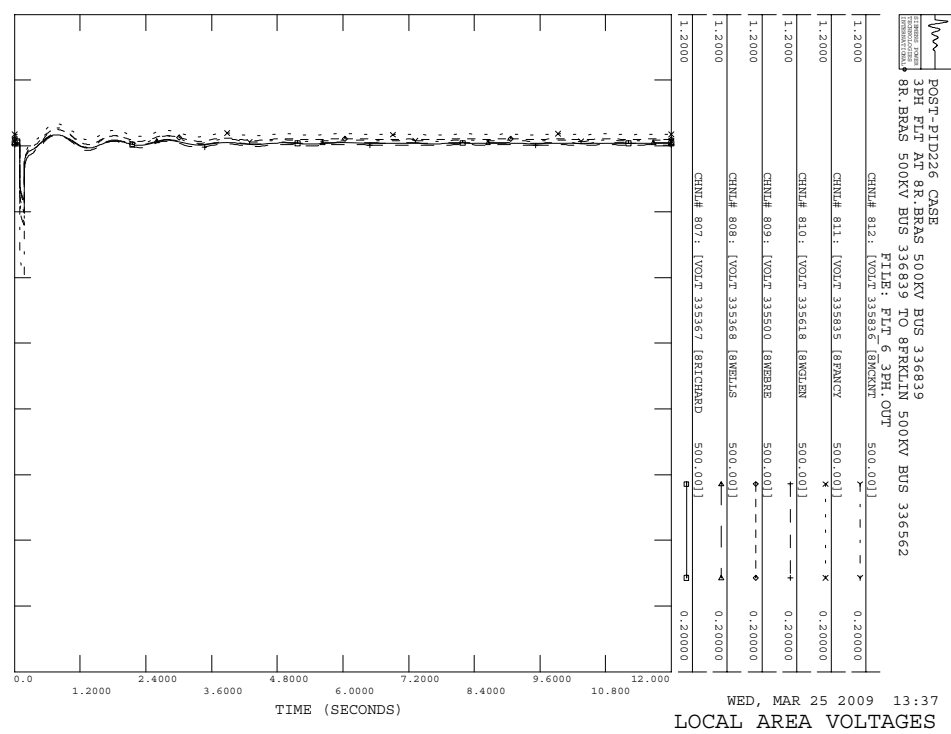
POST-PID226 CASE
 3PH FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_5_3PH.OUT



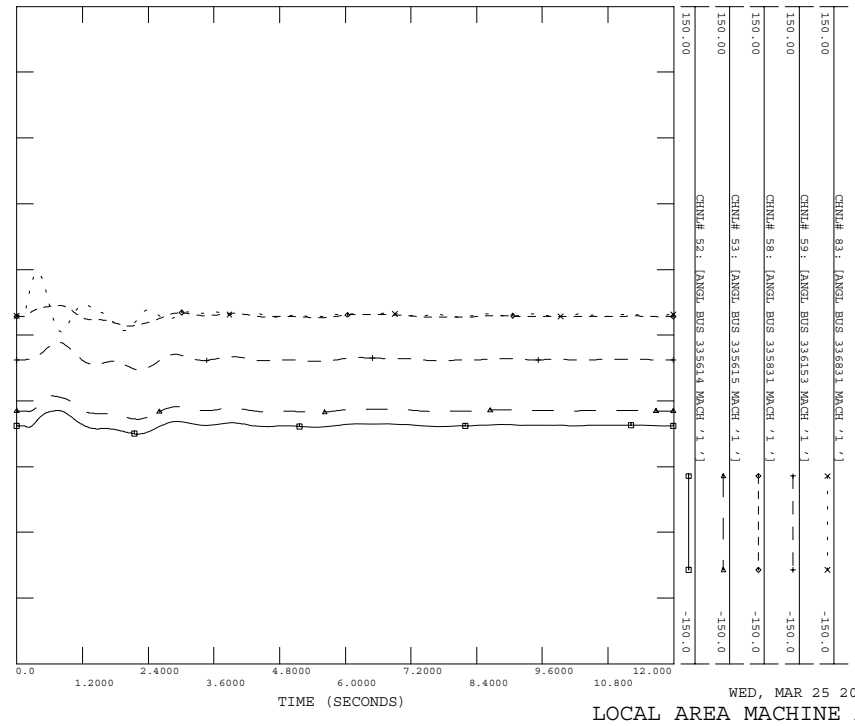
C.6 FLT_6_3PH

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

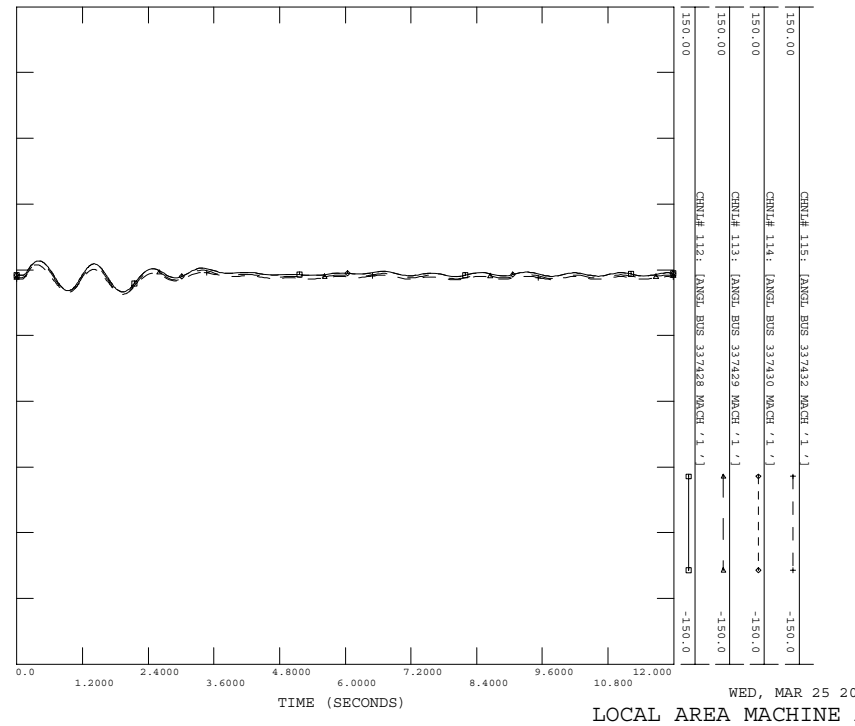
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping line from 8R.BRAS 500KV BUS 336839 TO 8FRKLIN 500KV BUS 336562



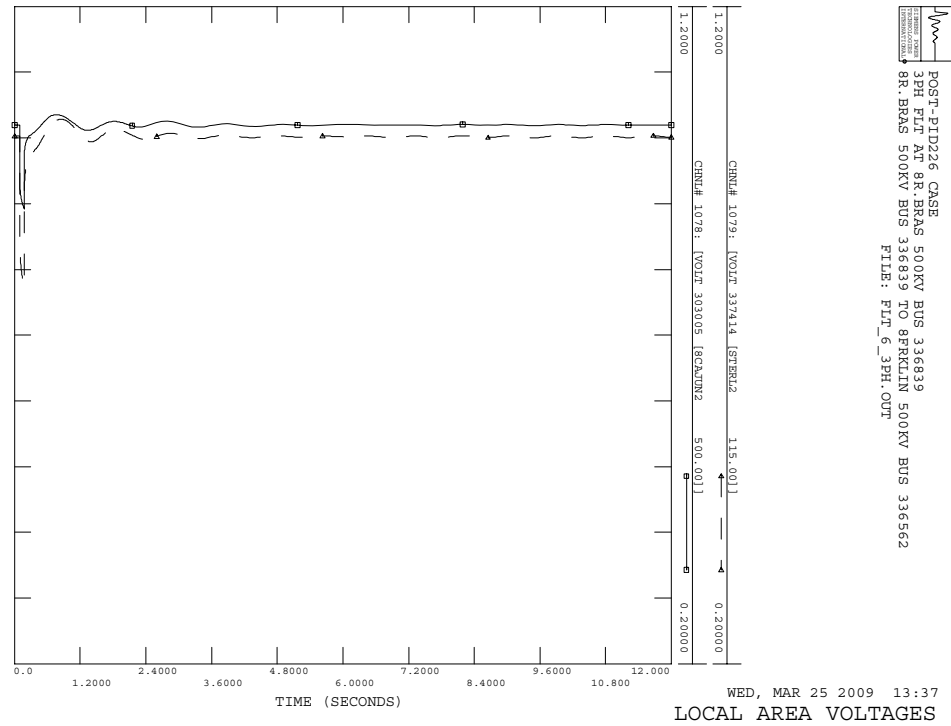
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8FRKLN 500KV BUS 336562
 FILE: FLT_6_3PH.OUT



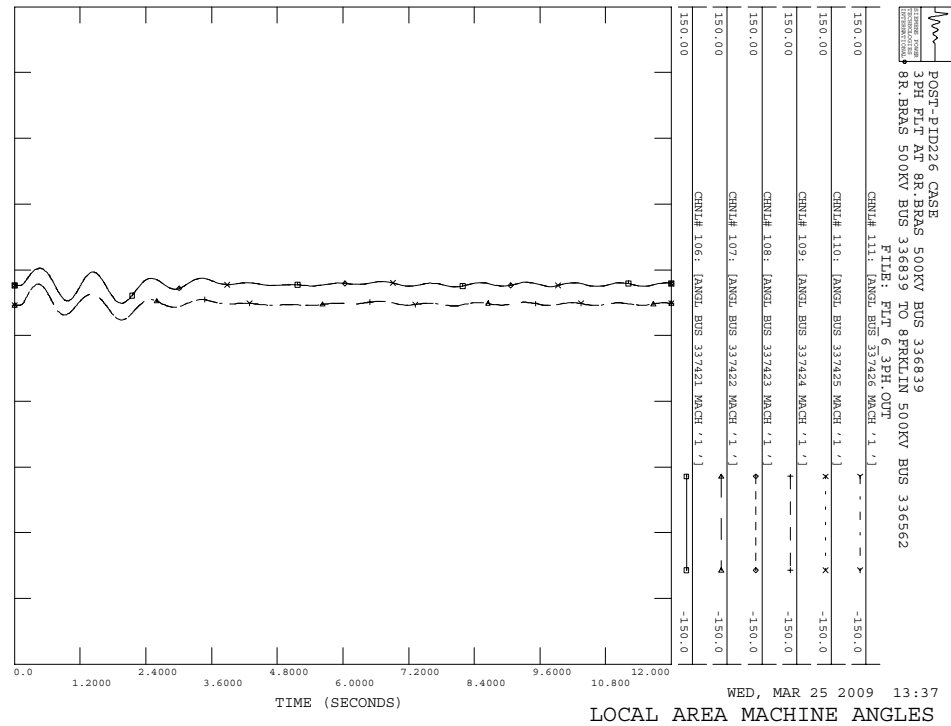
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8FRKLN 500KV BUS 336562
 FILE: FLT_6_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8FRKLN 500KV BUS 336562
 FILE: FLT_6_3PH.OUT

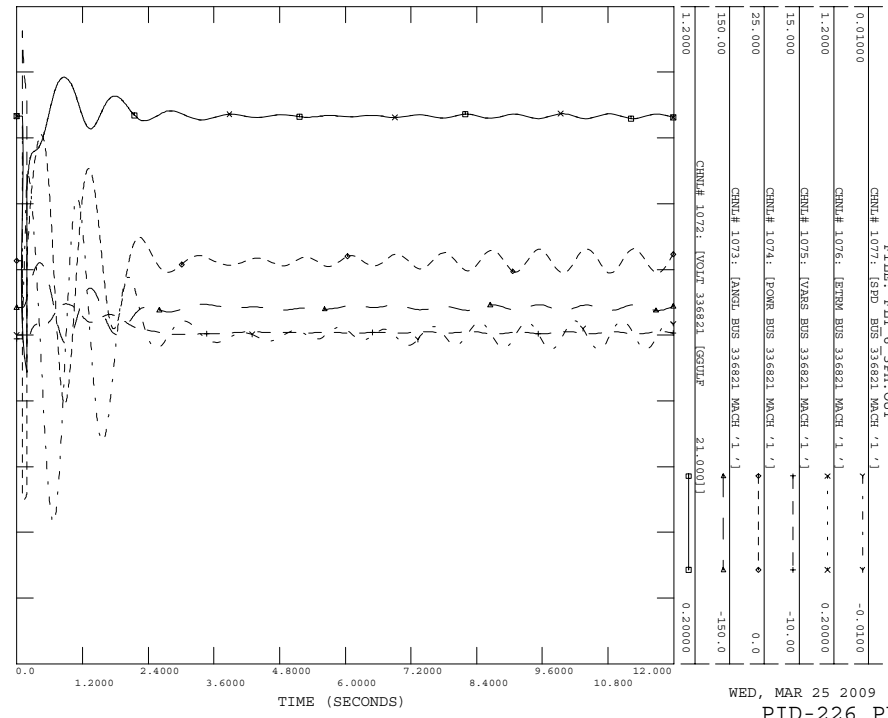


POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8FRKLN 500KV BUS 336562
 FILE: FLT_6_3PH.OUT





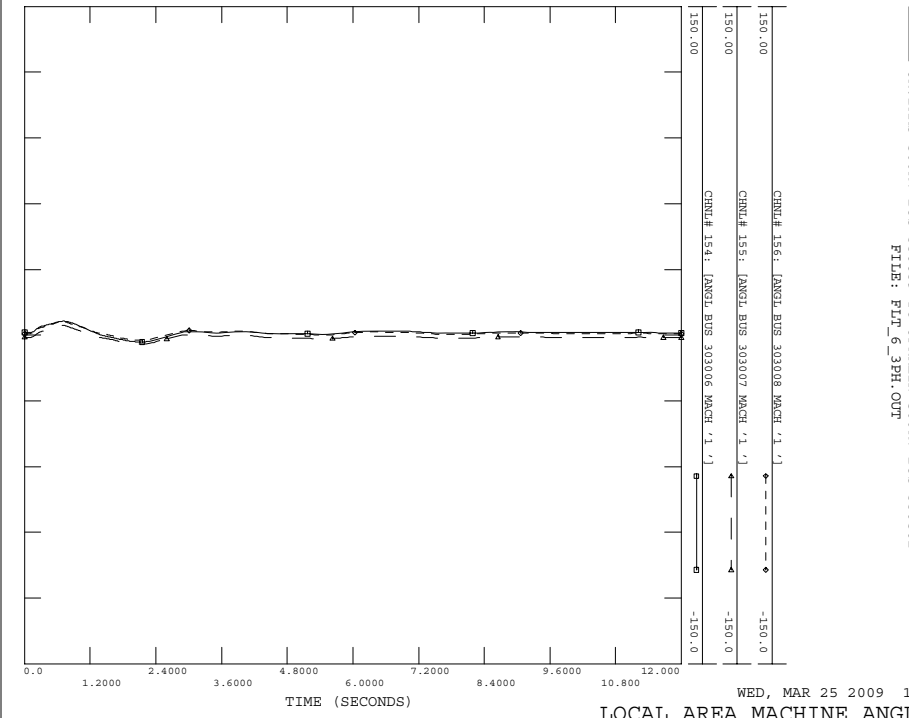
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_6_3PH.OUT



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POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_6_3PH.OUT

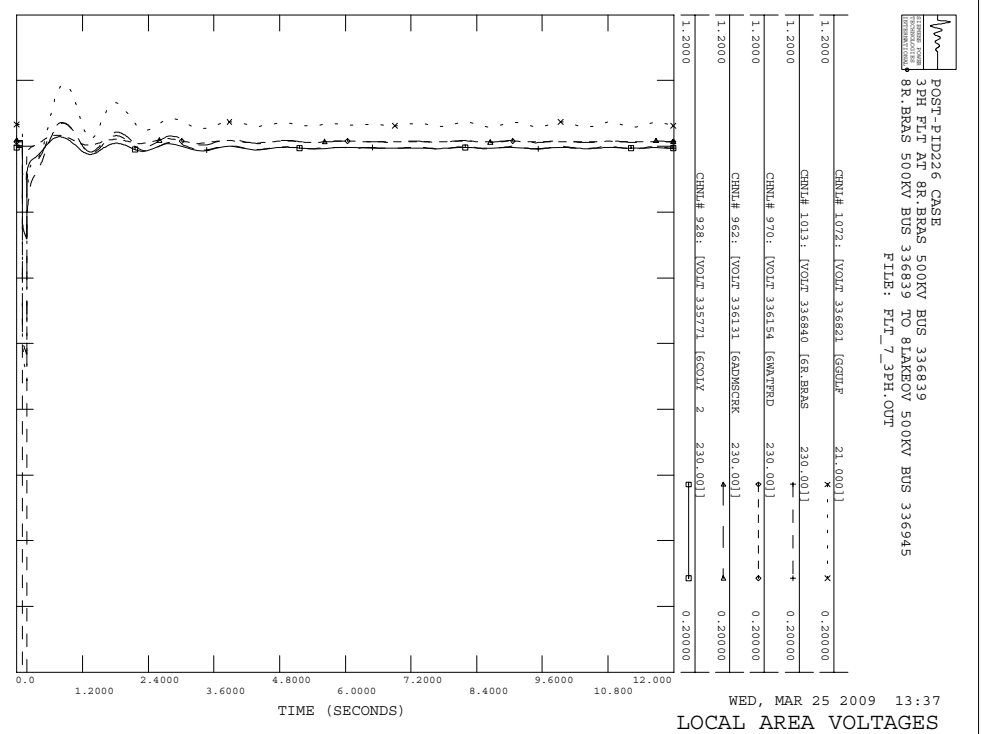
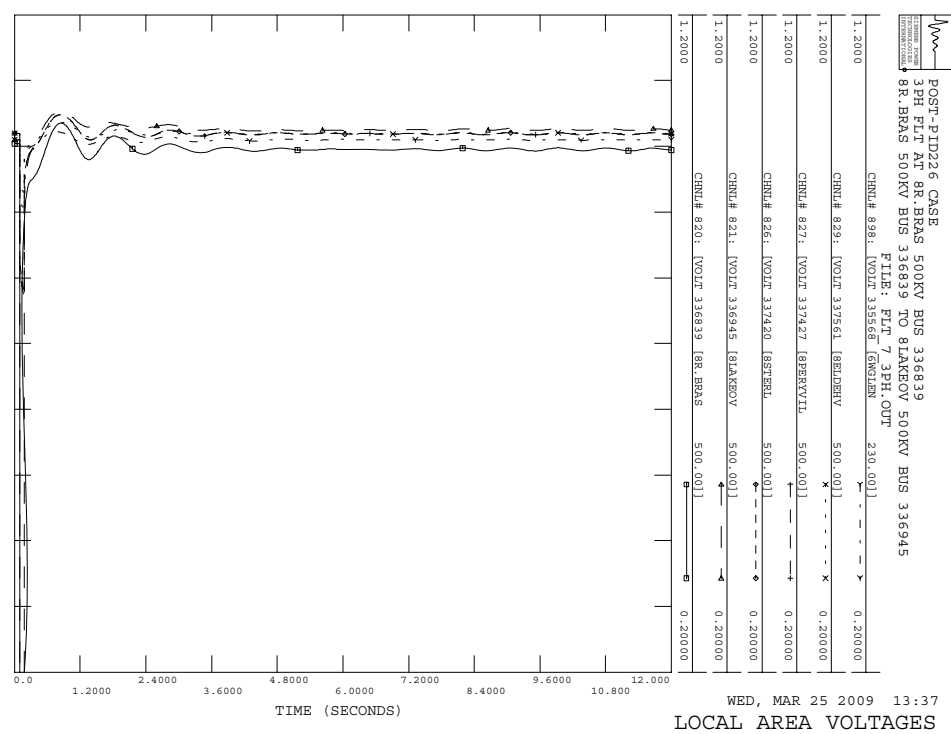
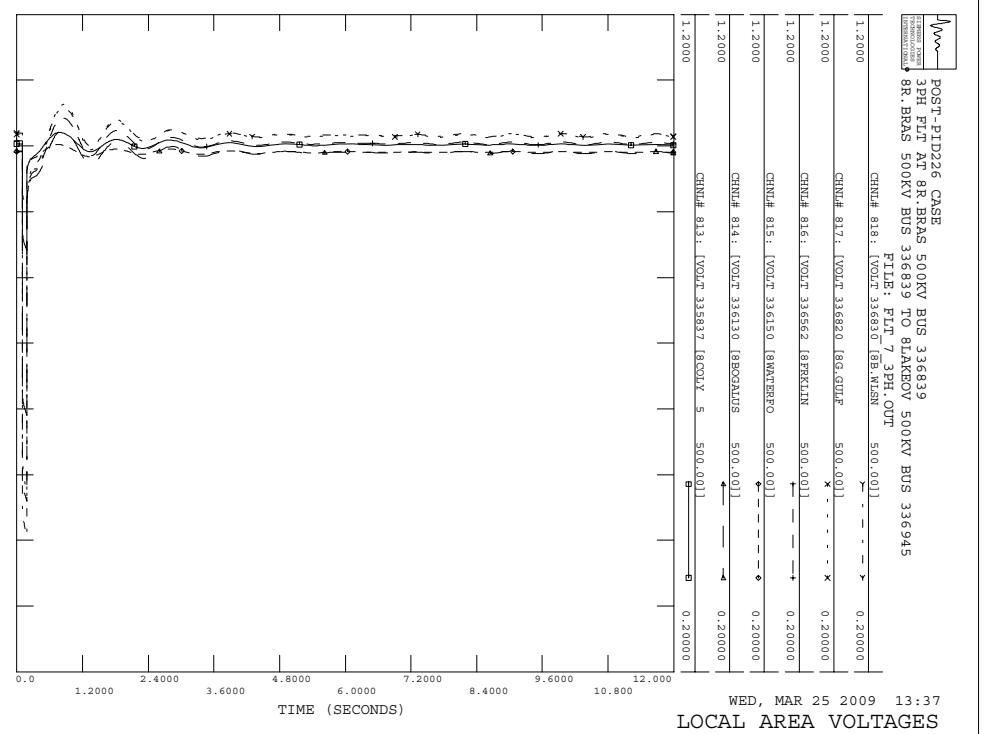
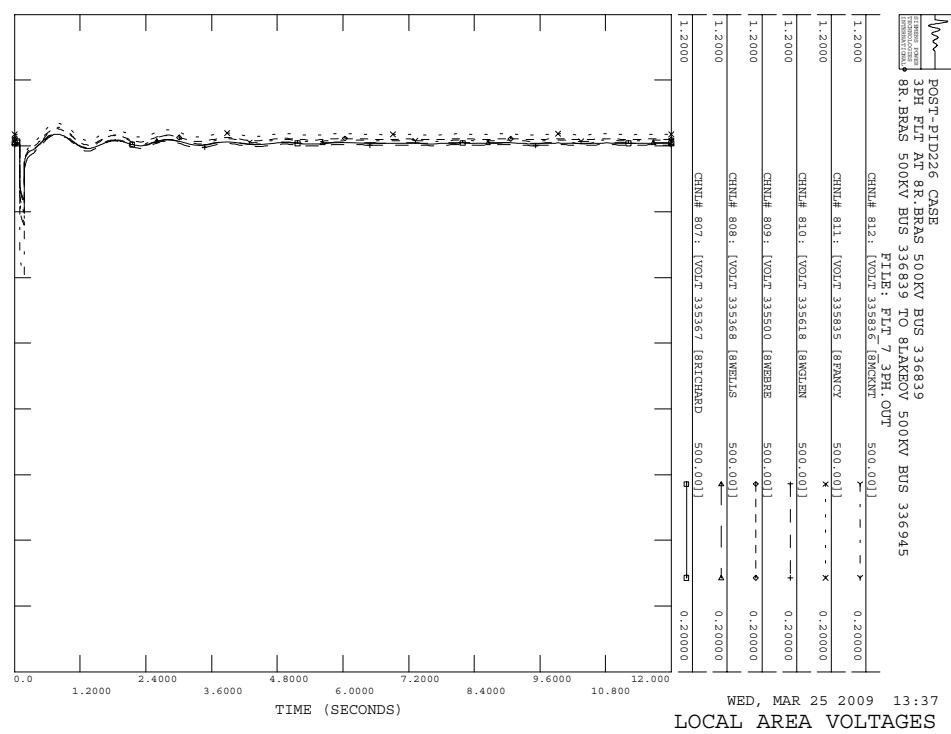


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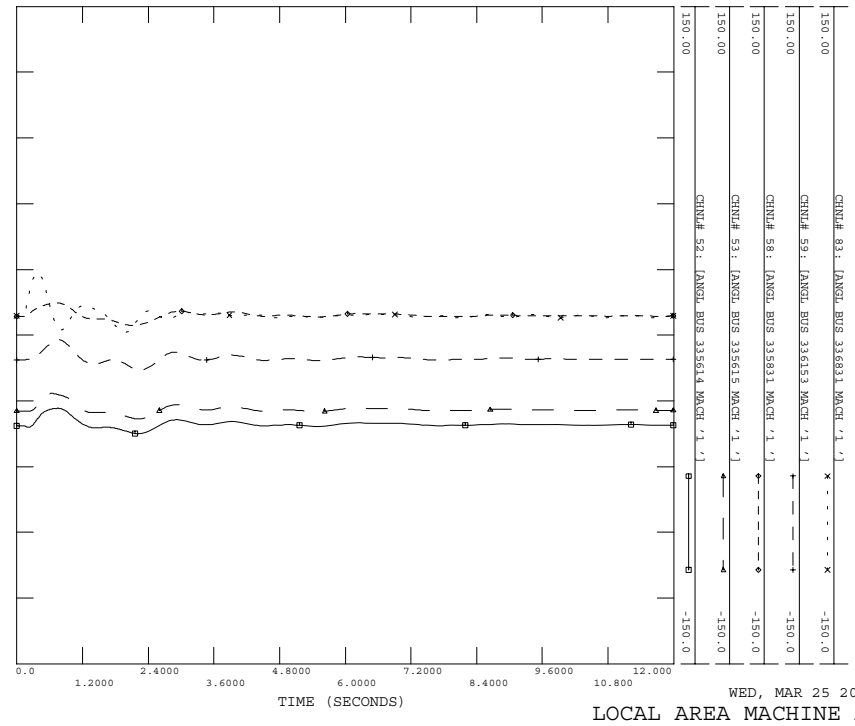
C.7 FLT_7_3PH

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

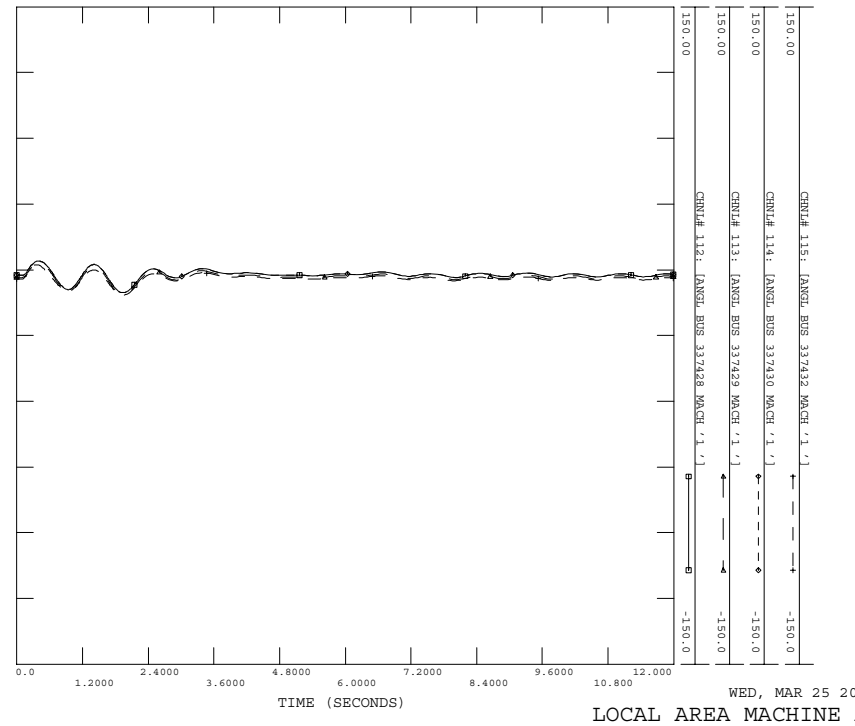
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping line from 8R.BRAS 500KV BUS 336839 TO 8LAKEOV 500KV BUS 336945



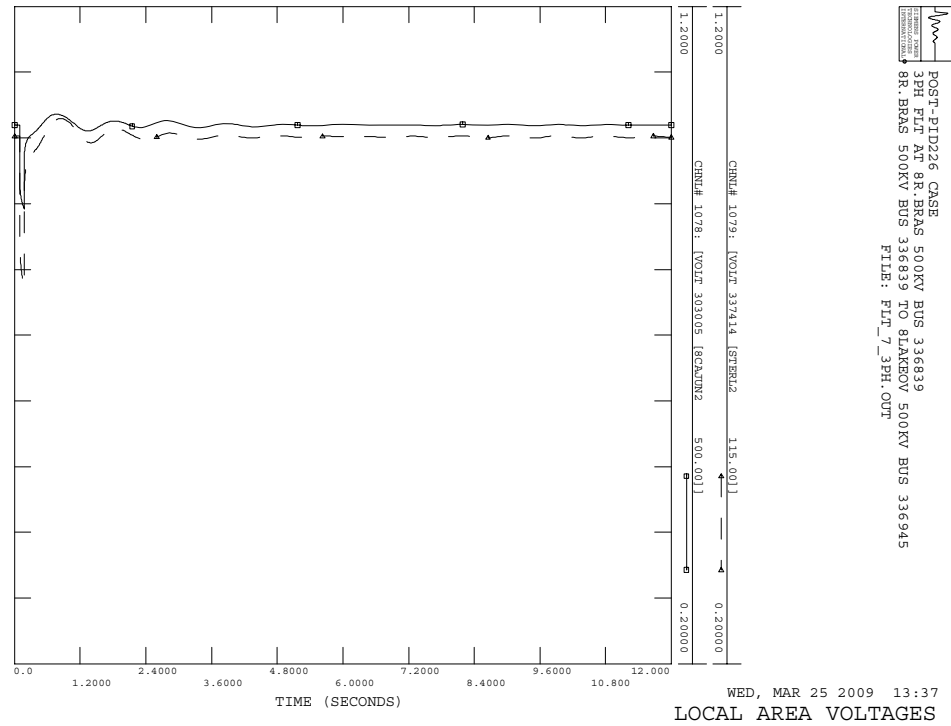
POST-PTD226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336945 TO 8LAKROV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT



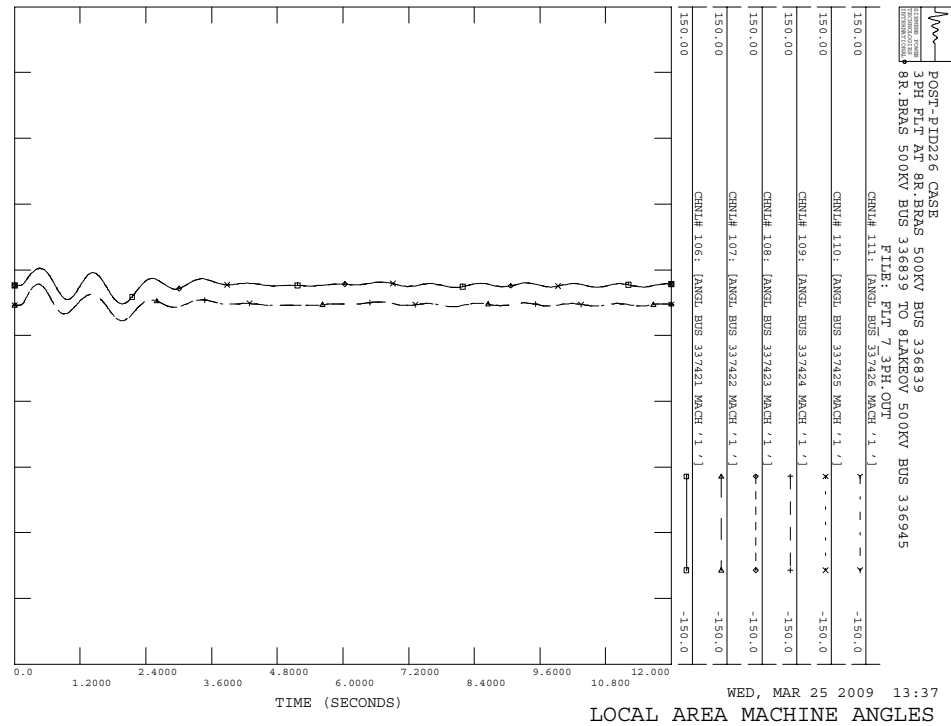
POST-PTD226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336945 TO 8LAKROV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT



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

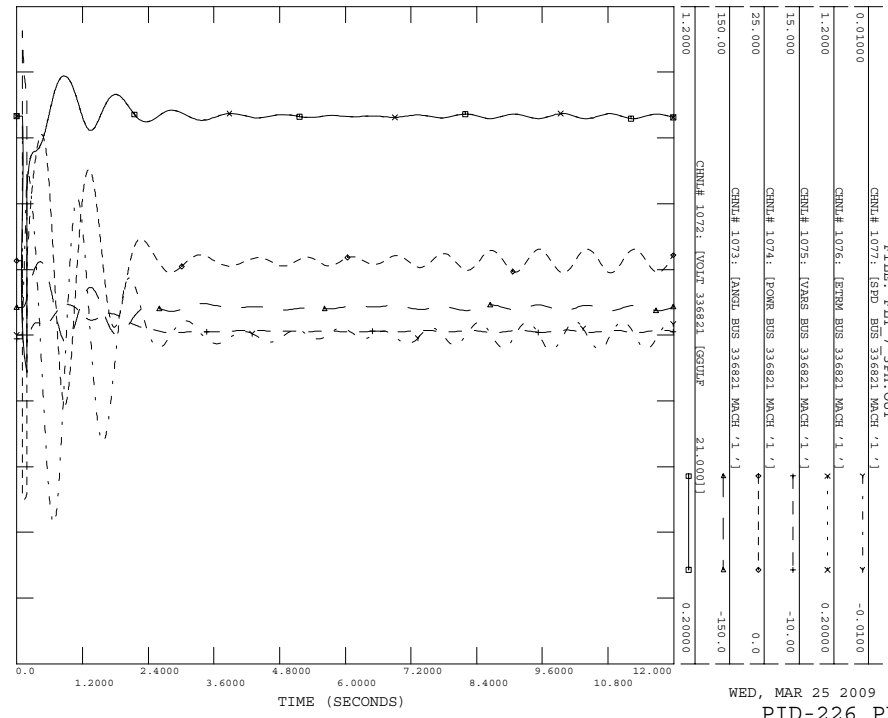


POST-PTD226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336945 TO 8LAKROV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT





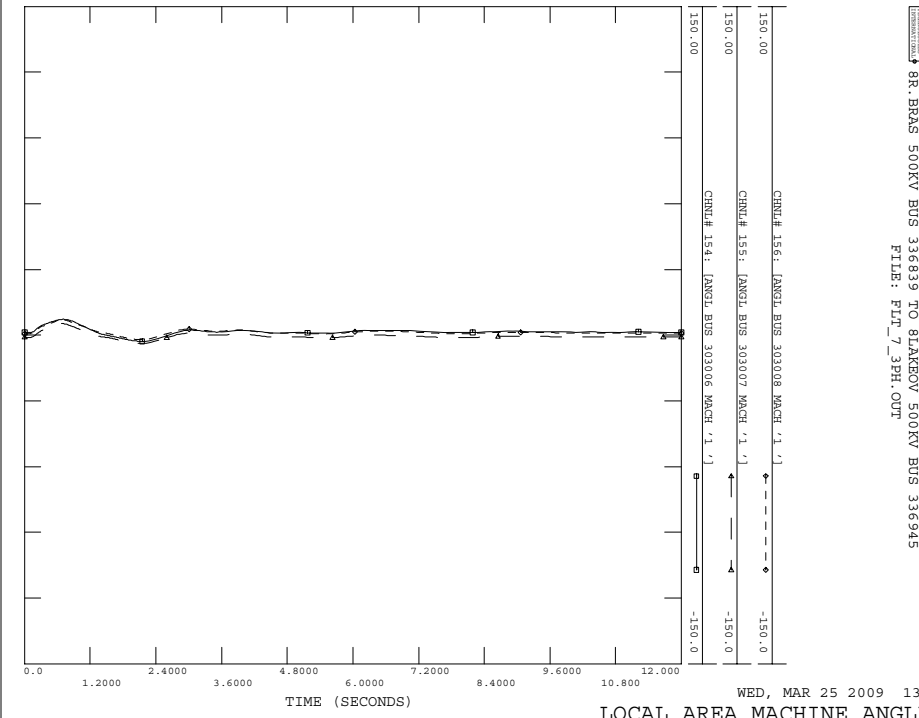
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO BLKRDV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT



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POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO BLKRDV 500KV BUS 336945
 FILE: FLT_7_3PH.OUT

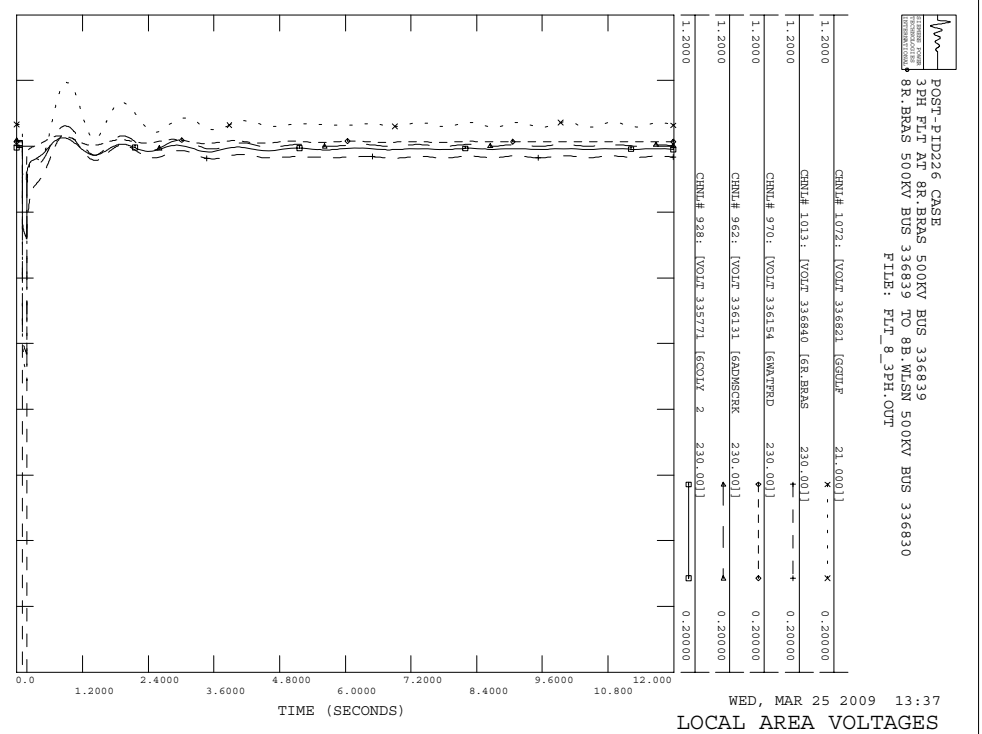
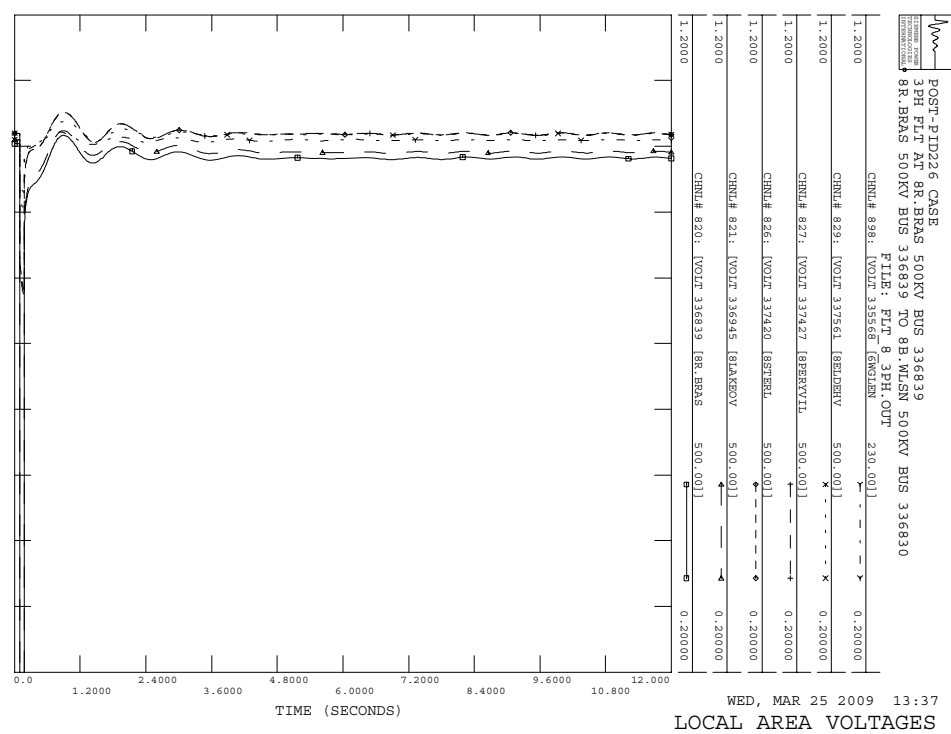
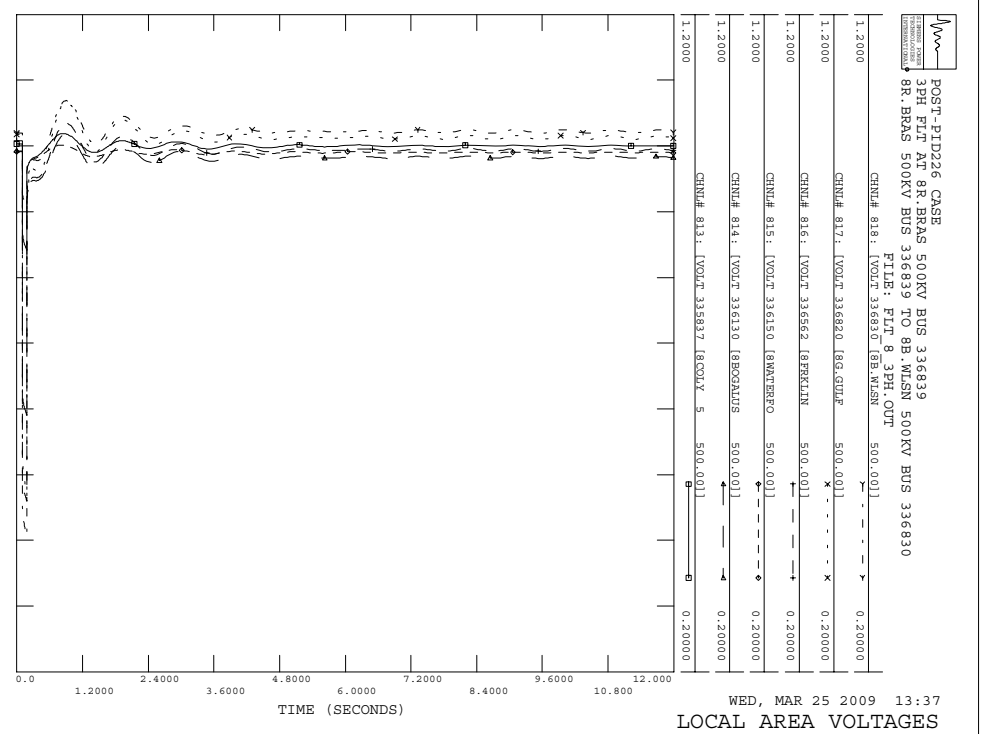
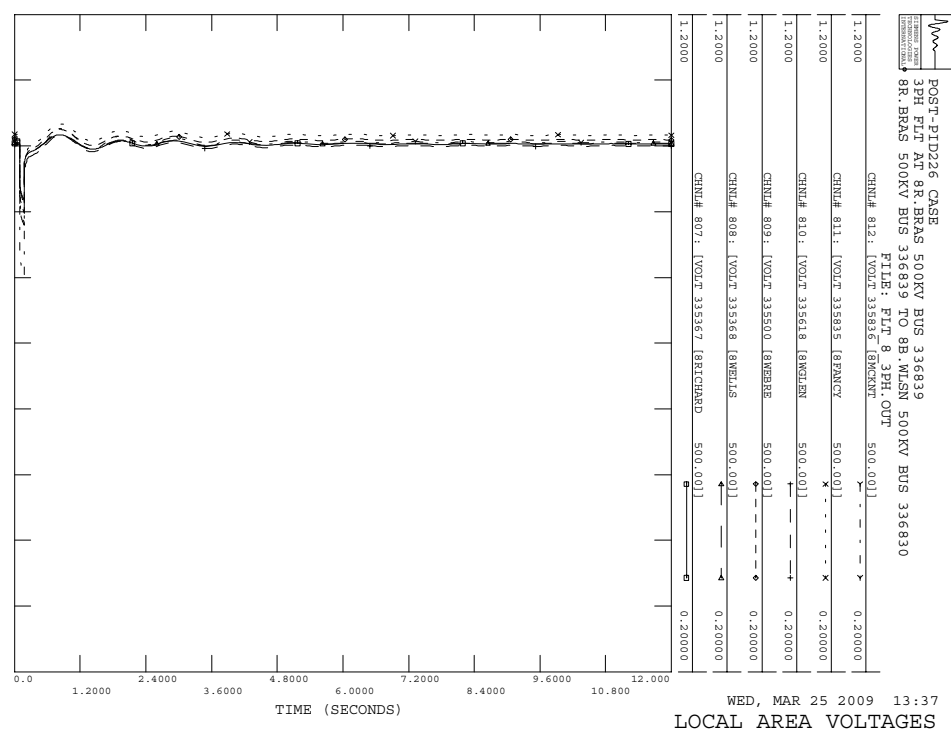


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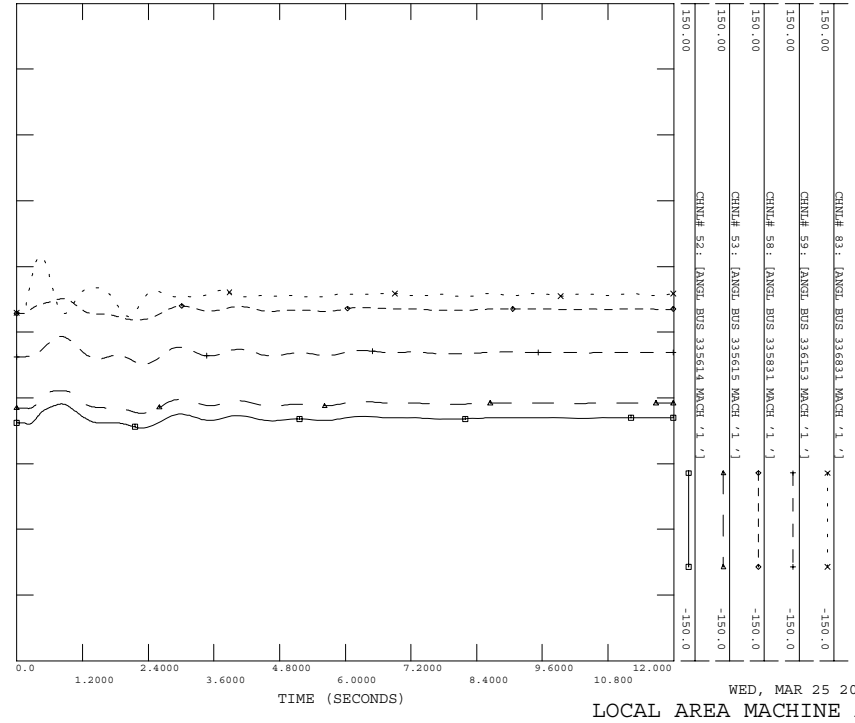
C.8 FLT_8_3PH

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

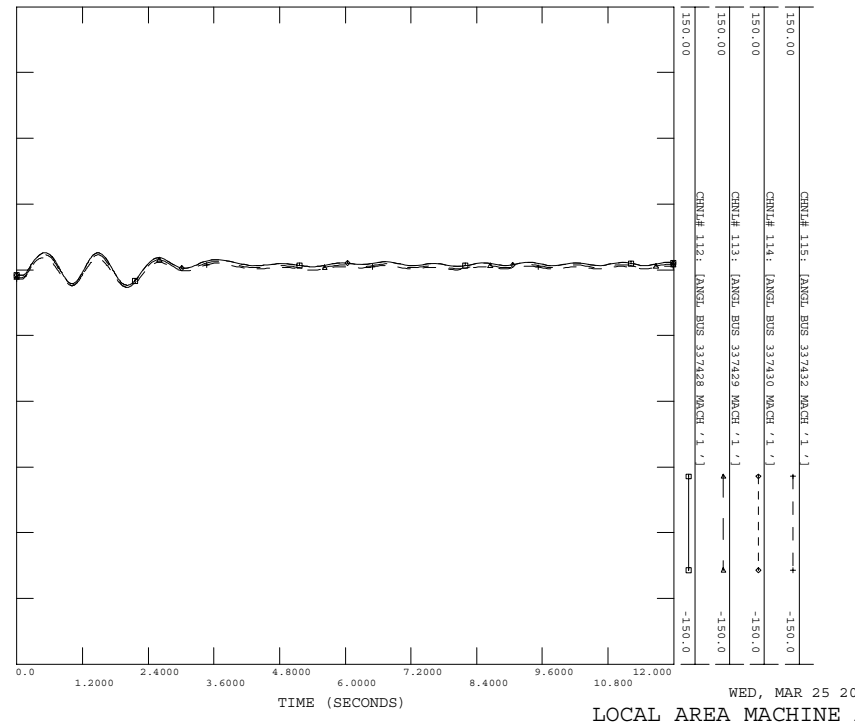
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping line from 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830



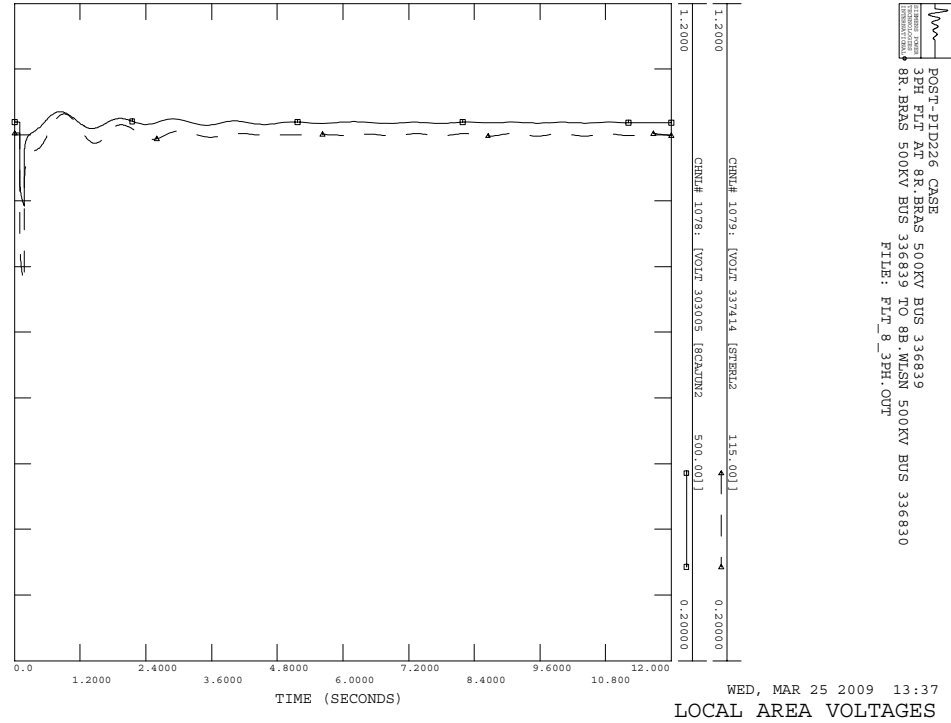
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



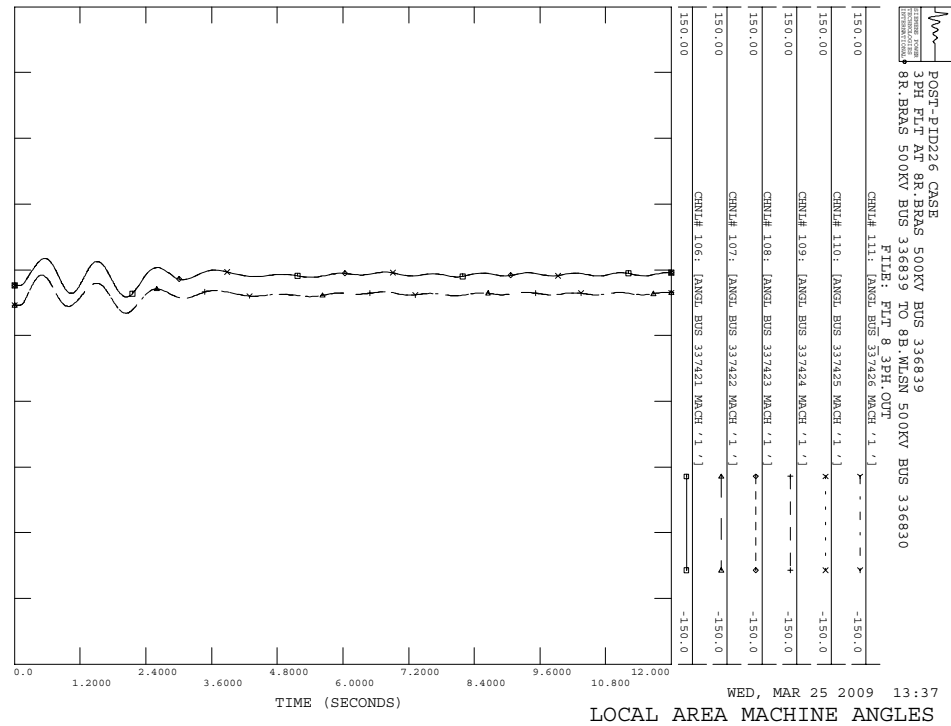
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



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

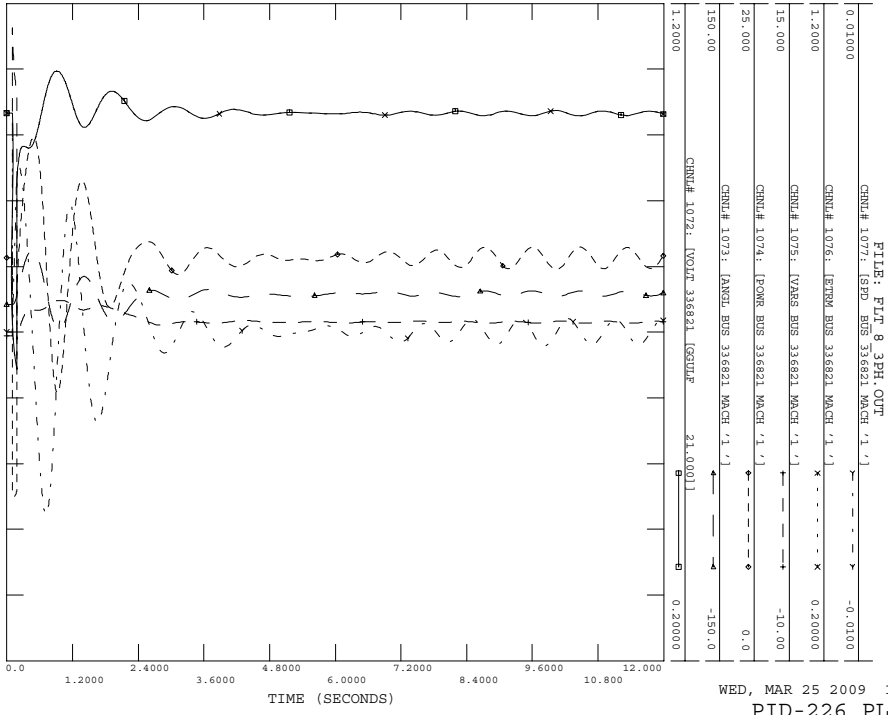


POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT

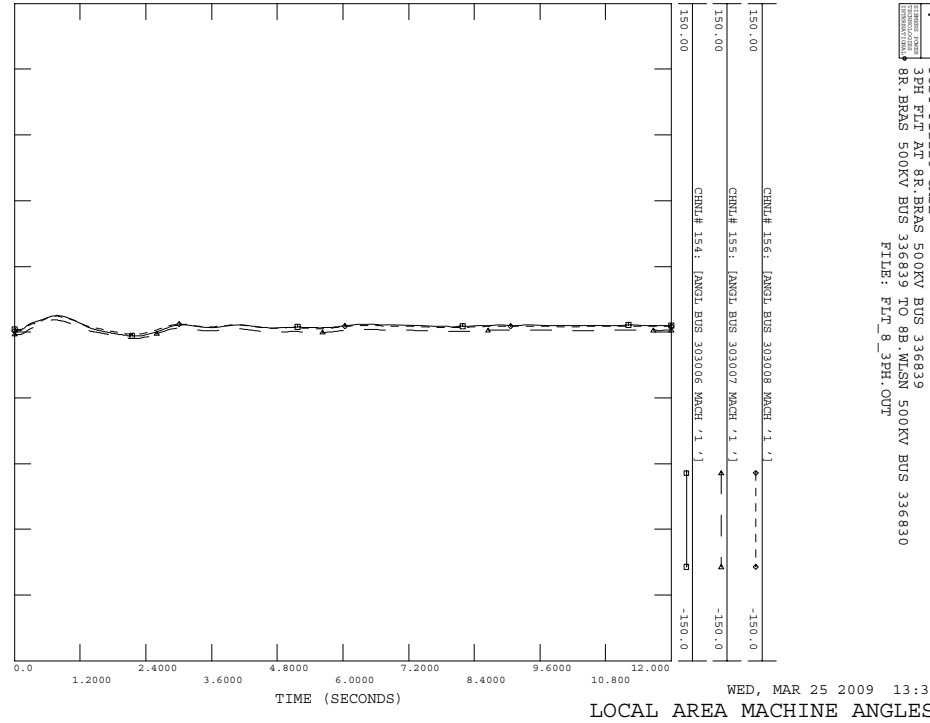




POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



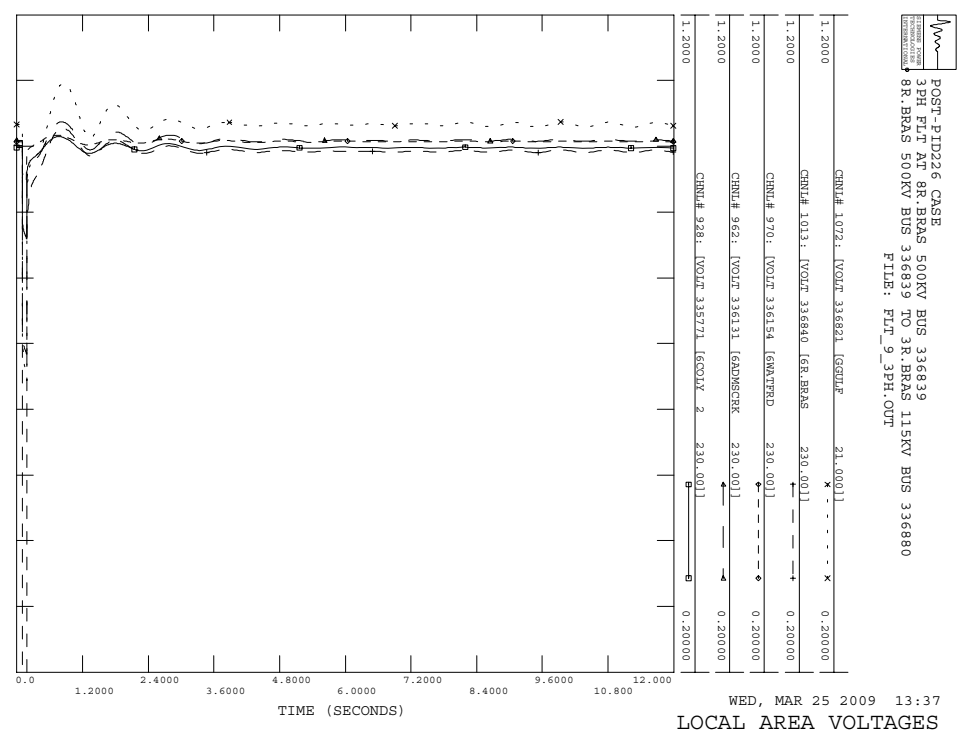
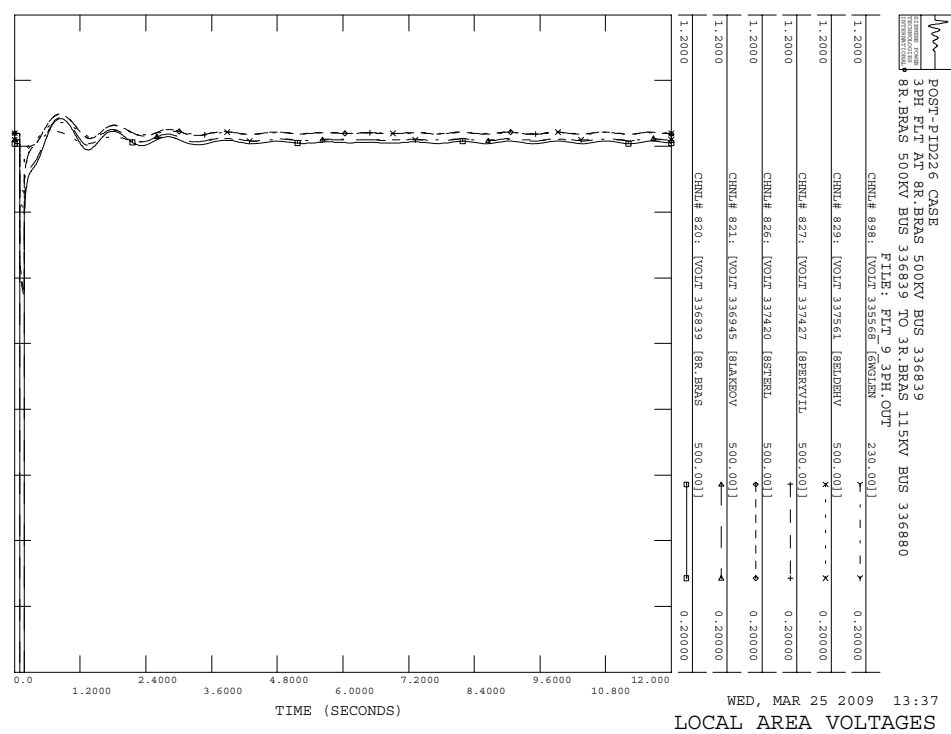
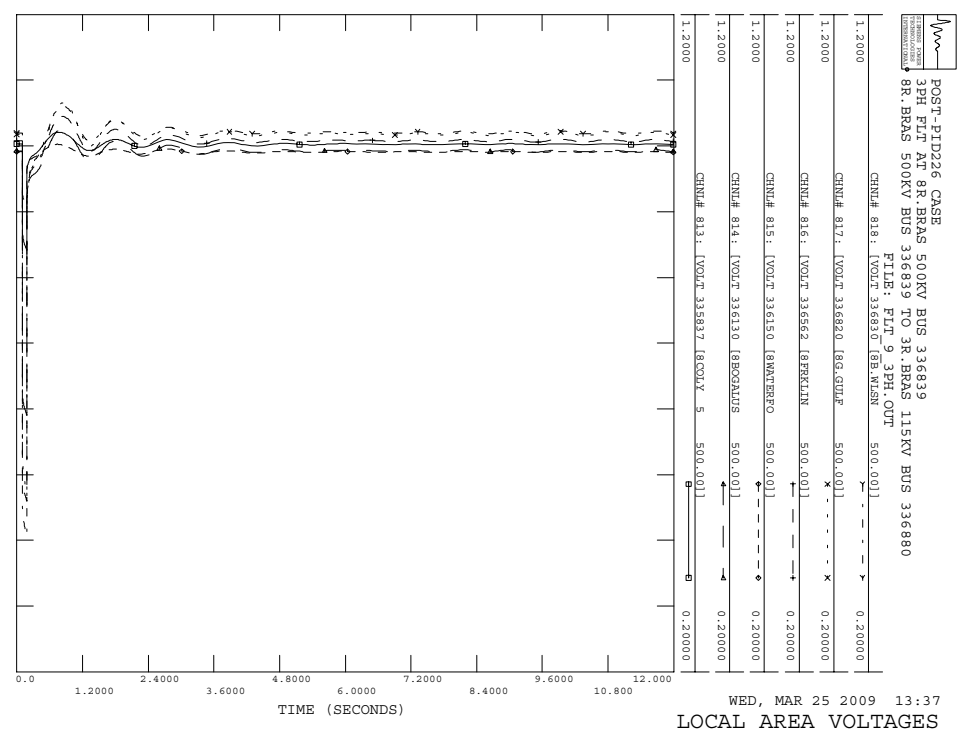
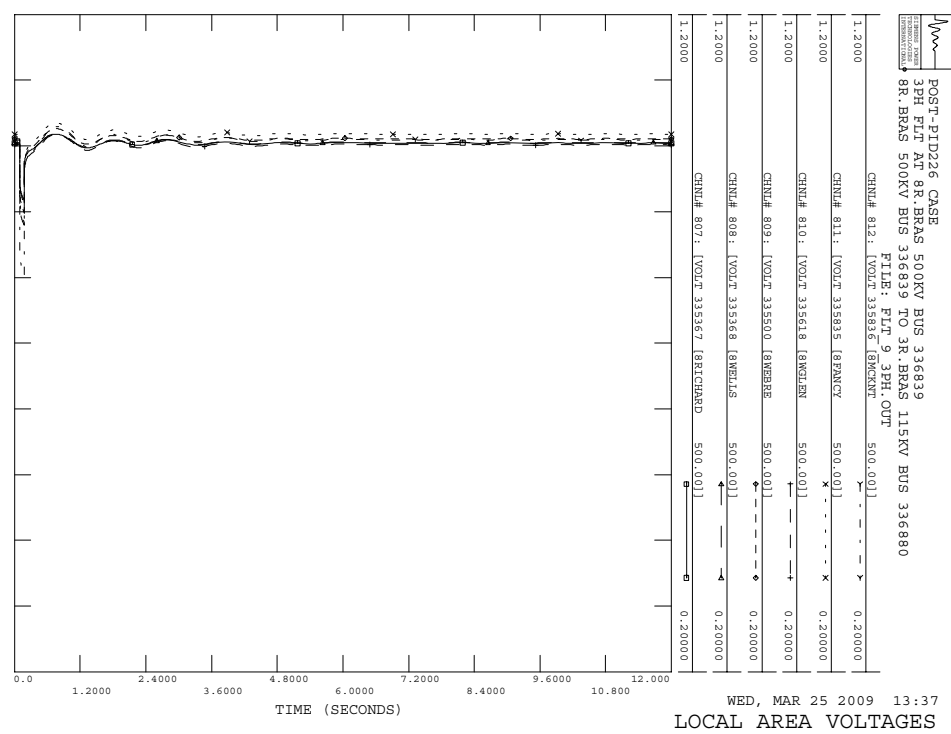
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_8_3PH.OUT



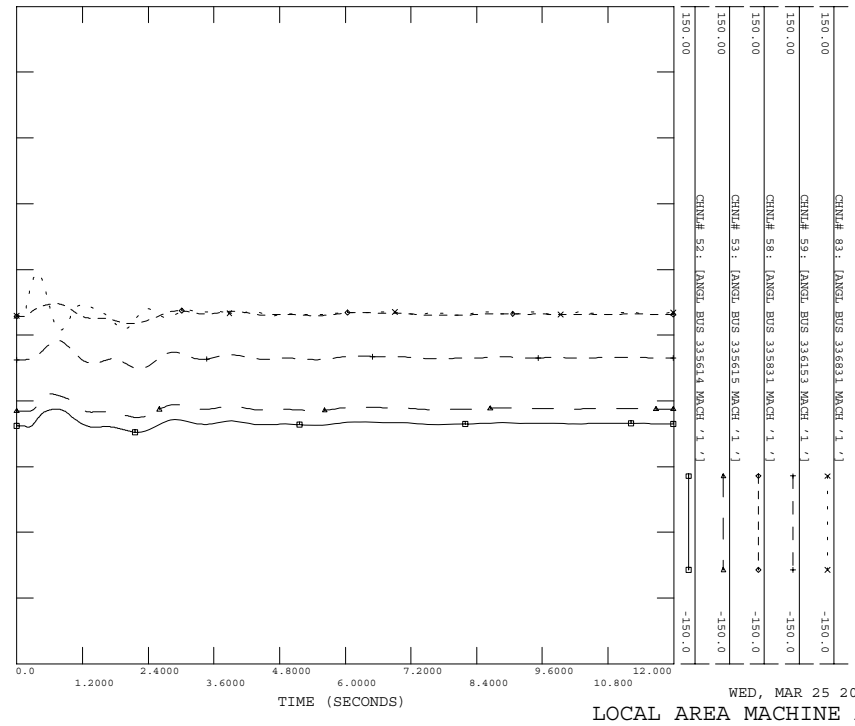
C.9 FLT_9_3PH

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

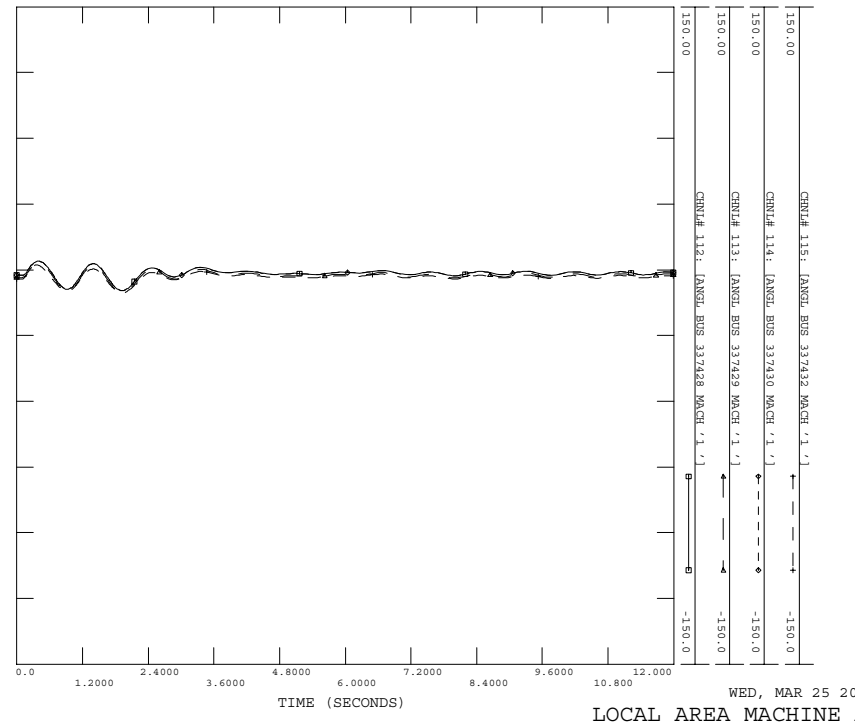
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping transformer from 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880



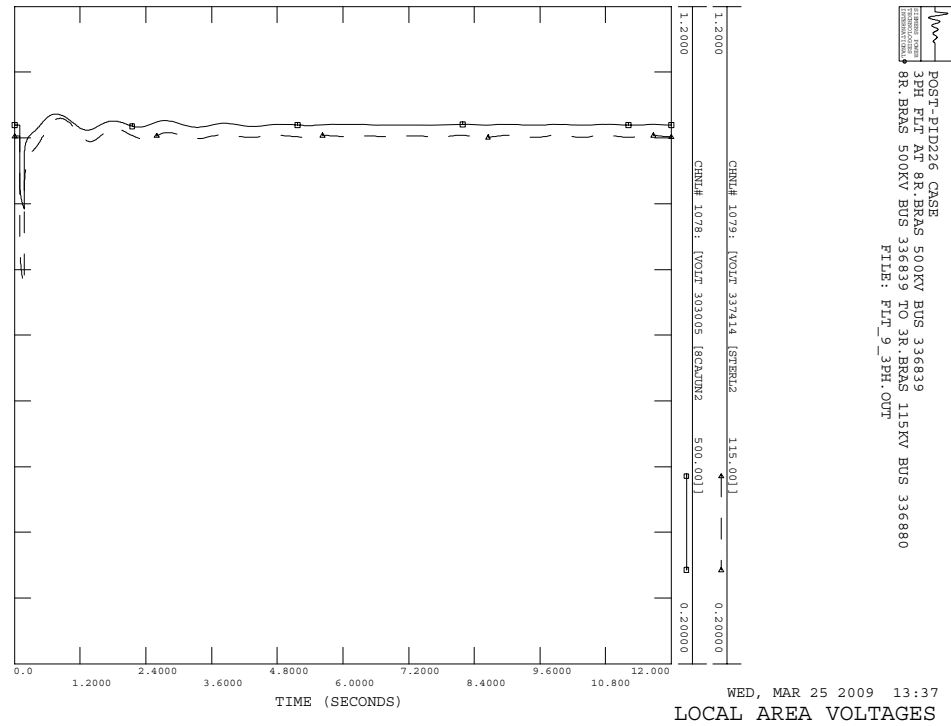
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



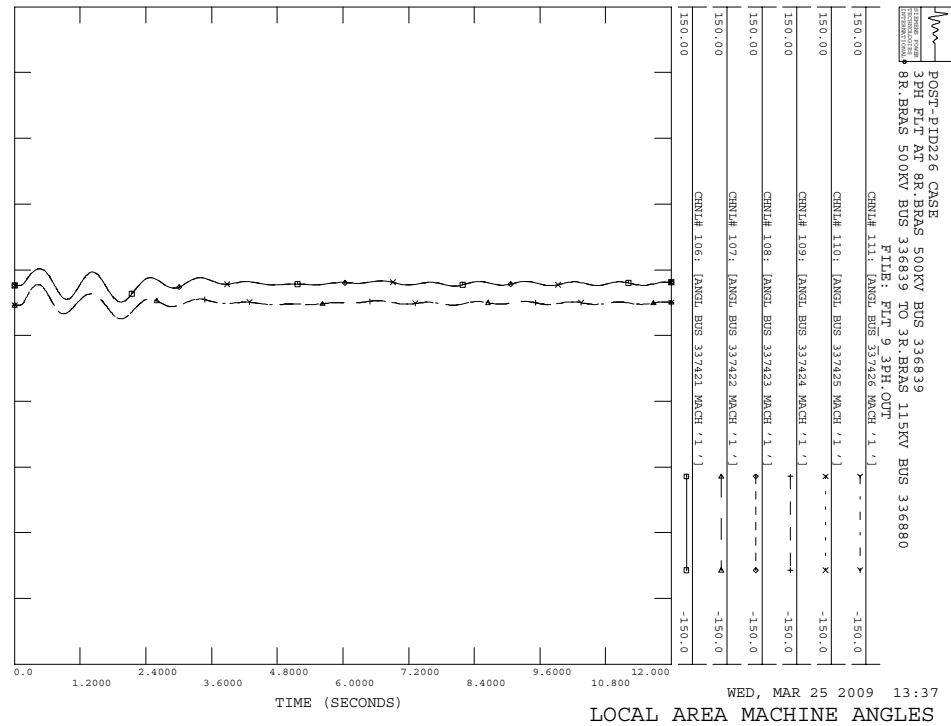
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



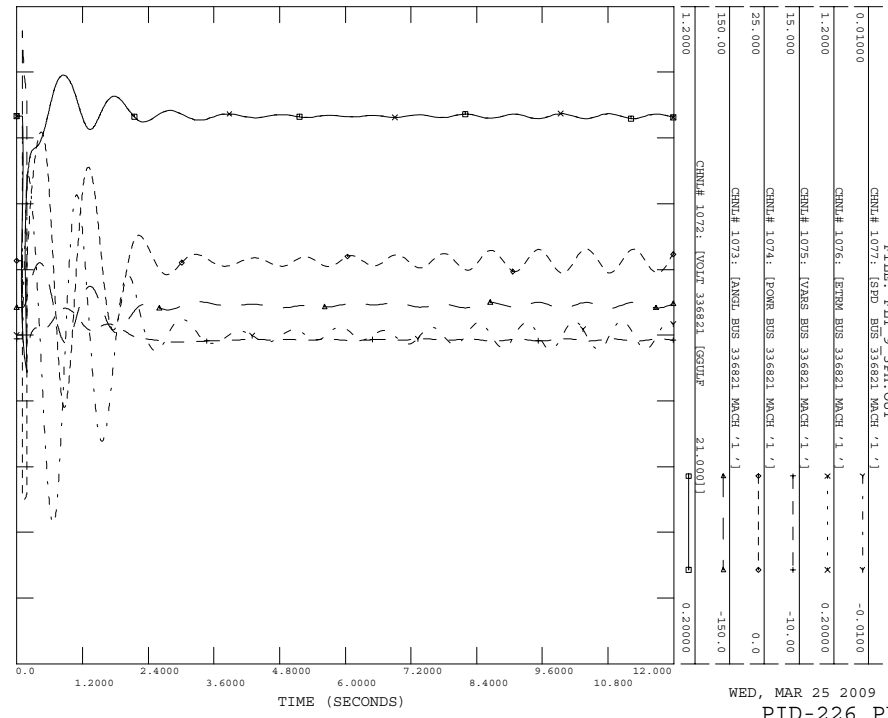
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT

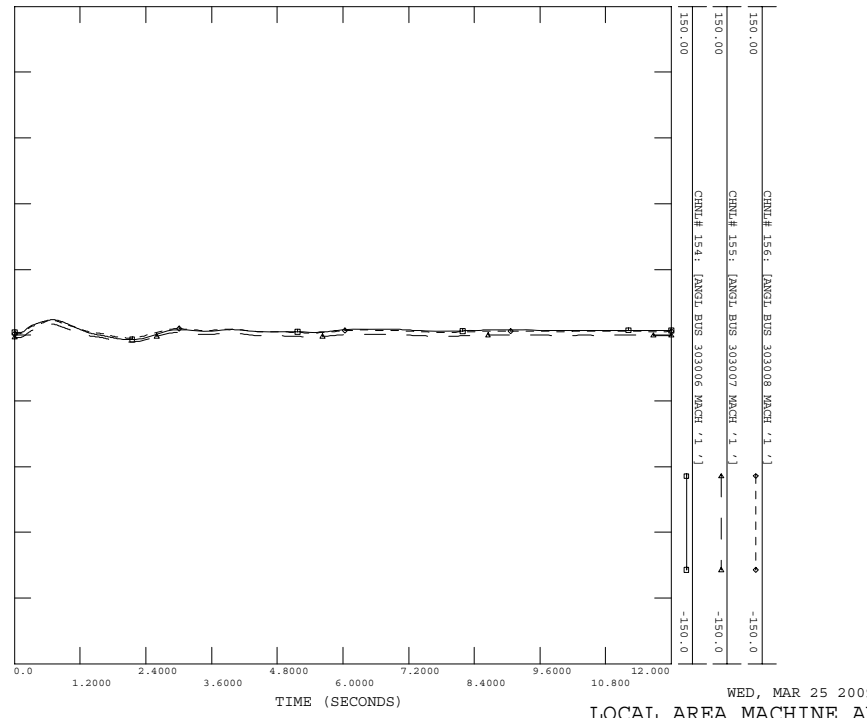


POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 3R.BRAS 115KV BUS 336880
 FILE: FLT_9_3PH.OUT



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POST-PID226 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

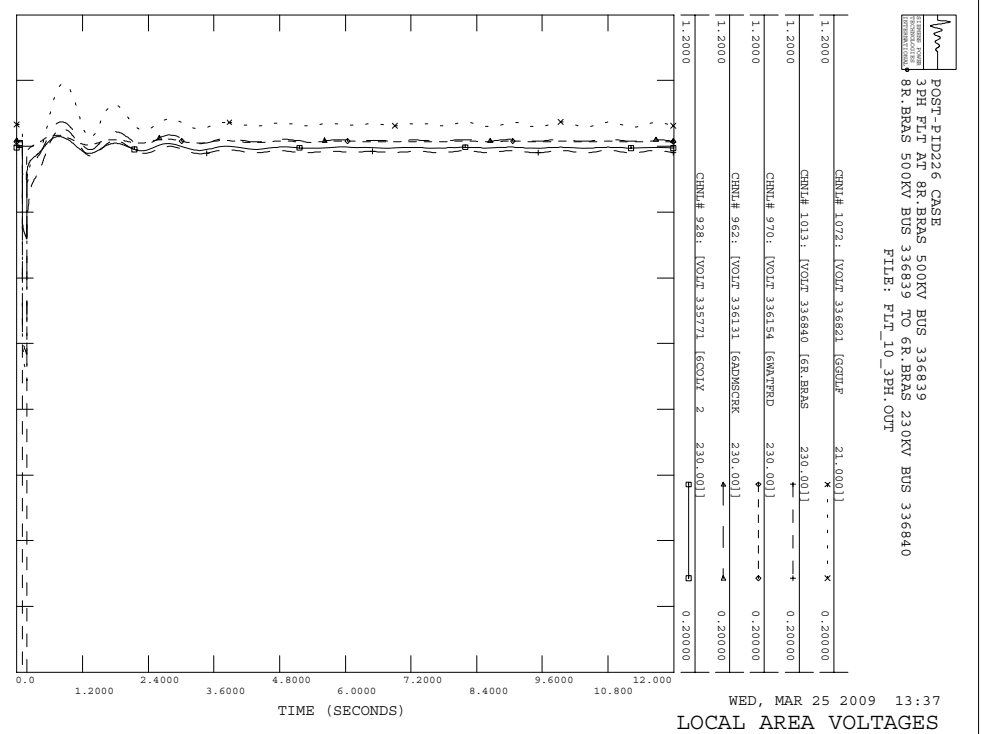
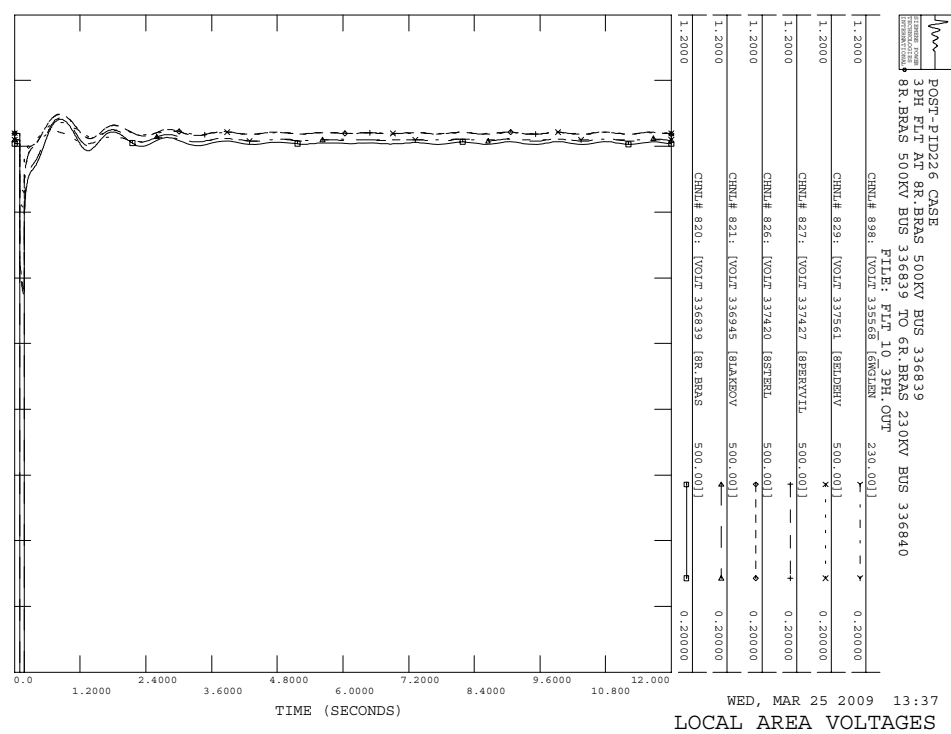
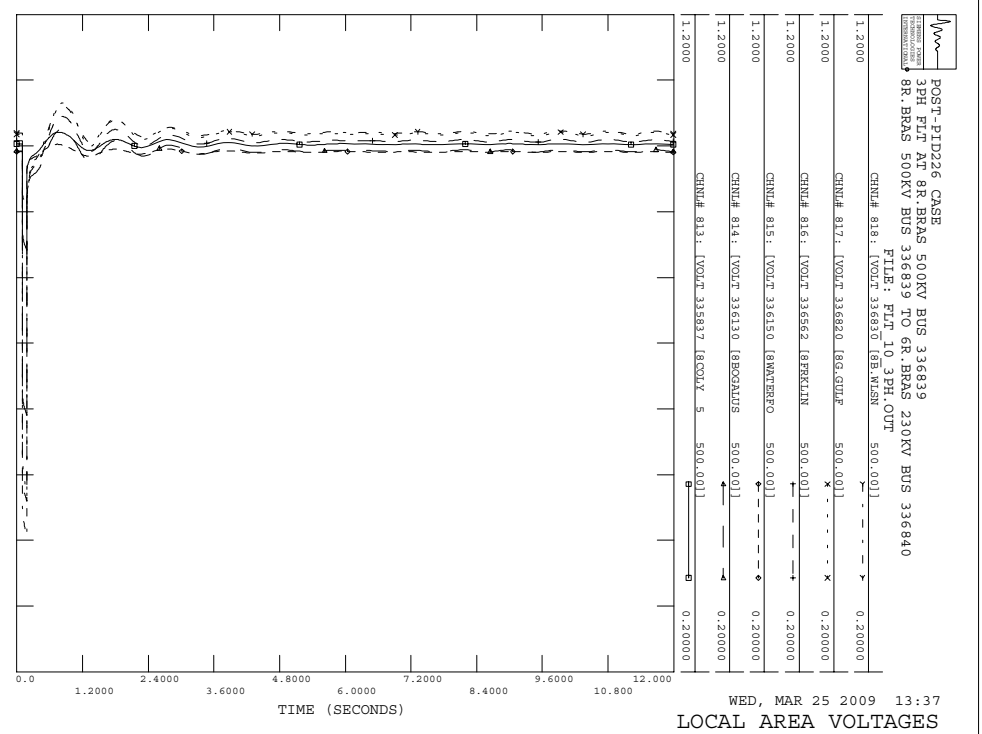
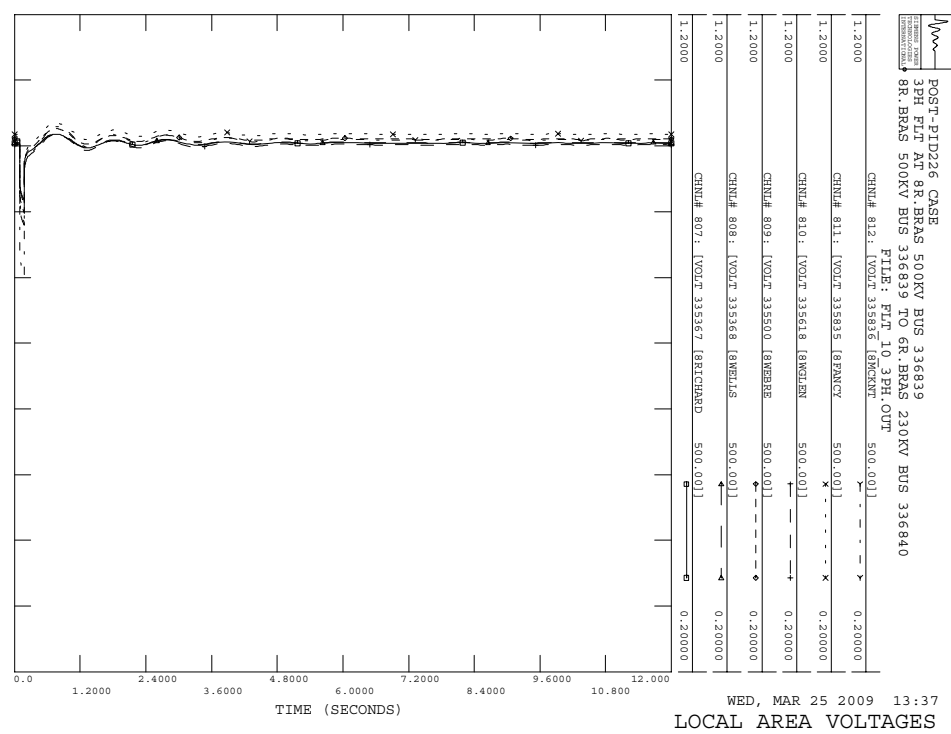


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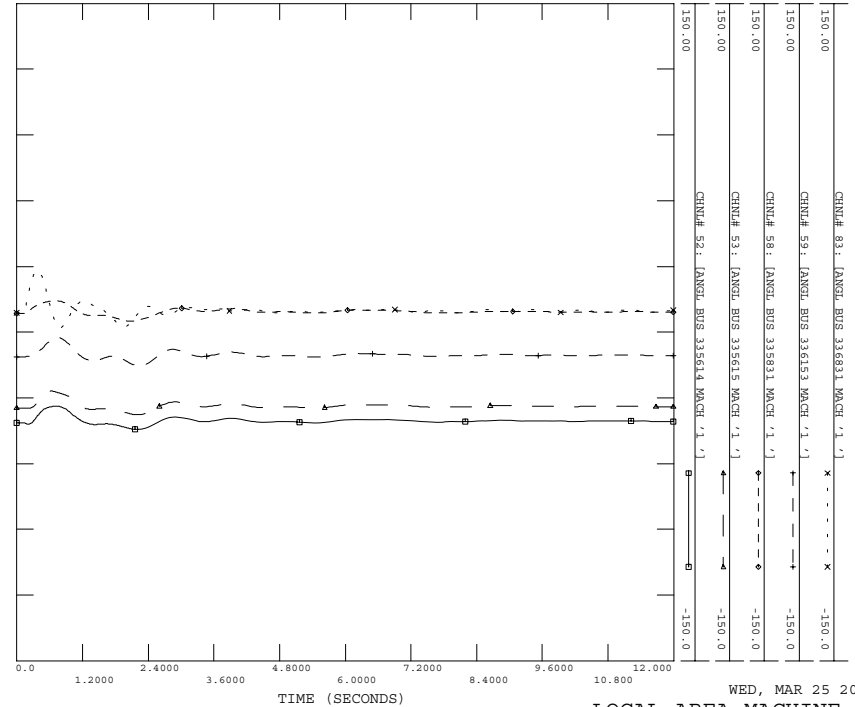
C.10 FLT_10_3PH

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

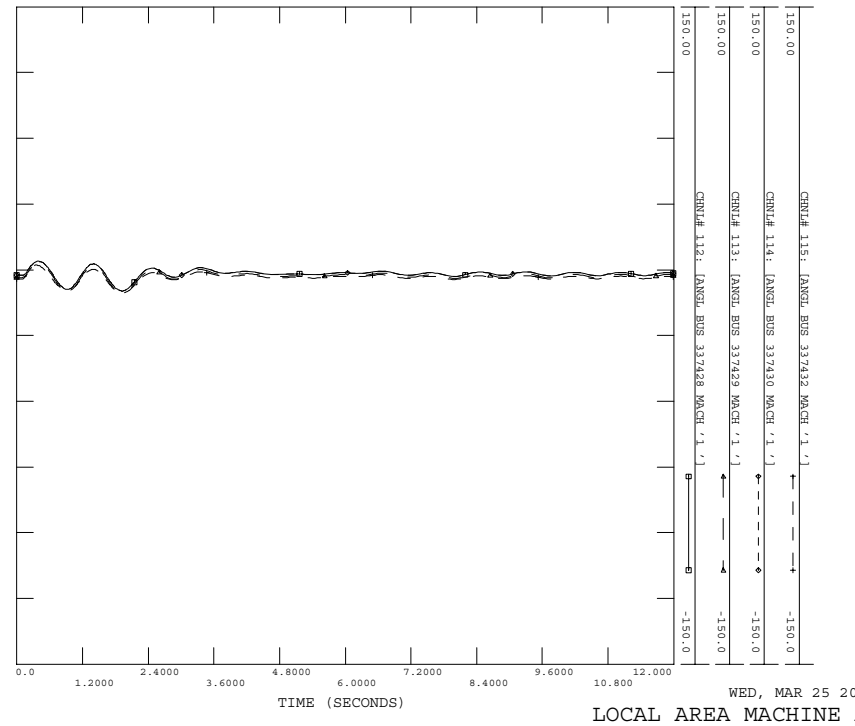
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Clear fault after 5 cycles by tripping transformer from 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840



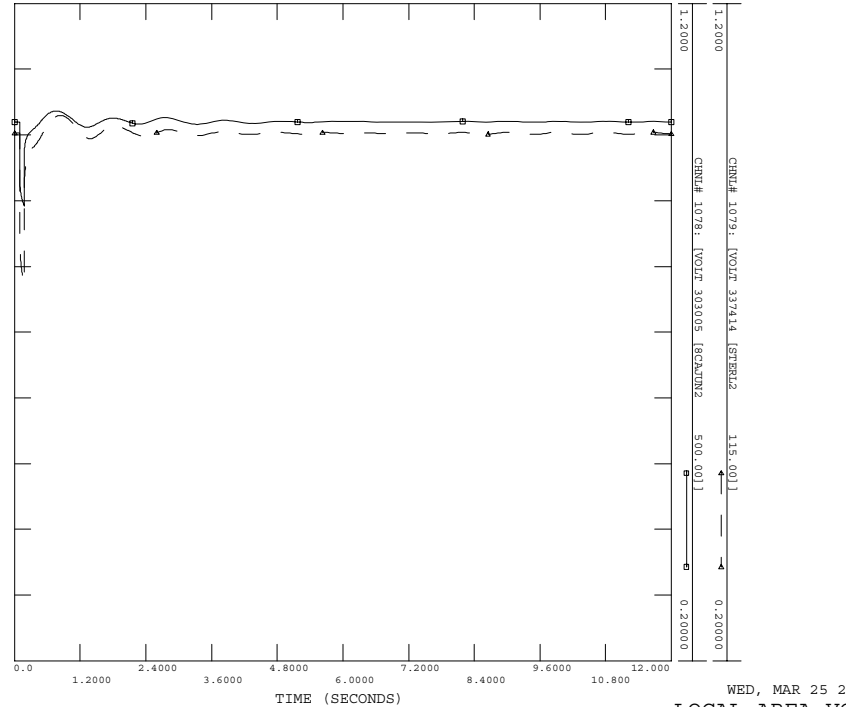
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840
 FILE: FLT_10_3PH.OUT



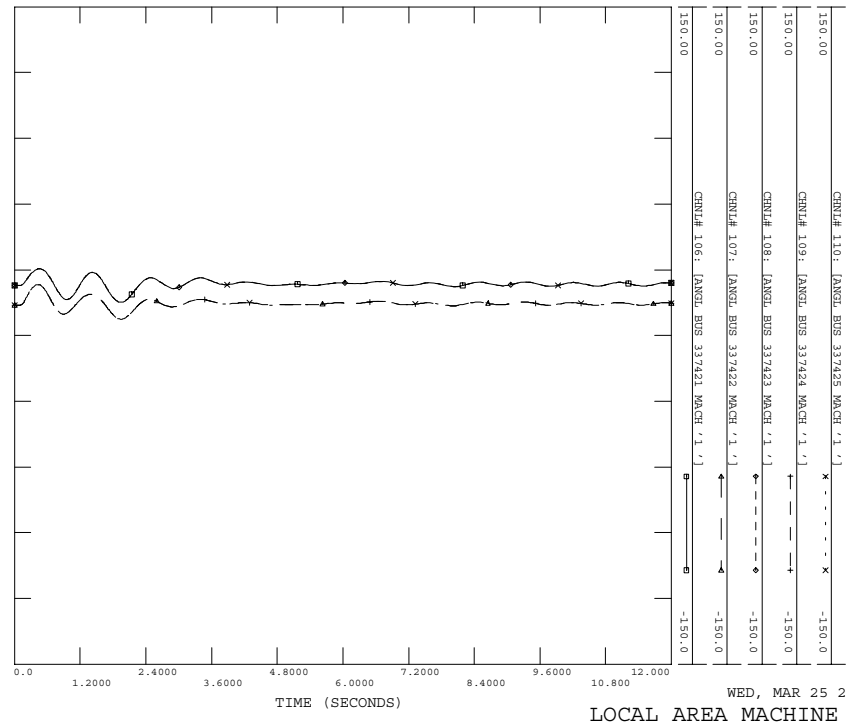
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840
 FILE: FLT_10_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840
 FILE: FLT_10_3PH.OUT

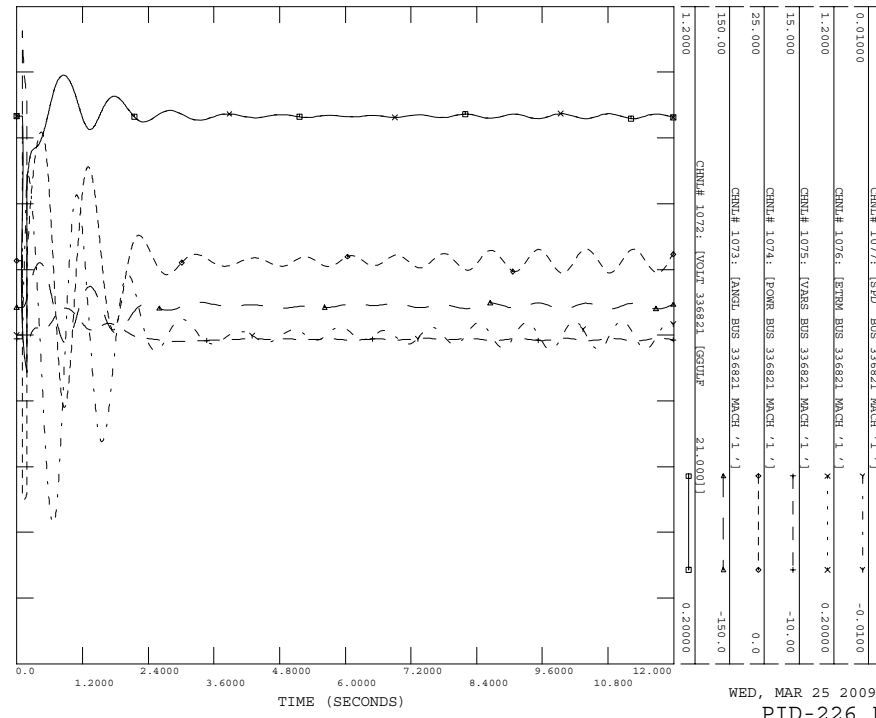


POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840
 FILE: FLT_10_3PH.OUT





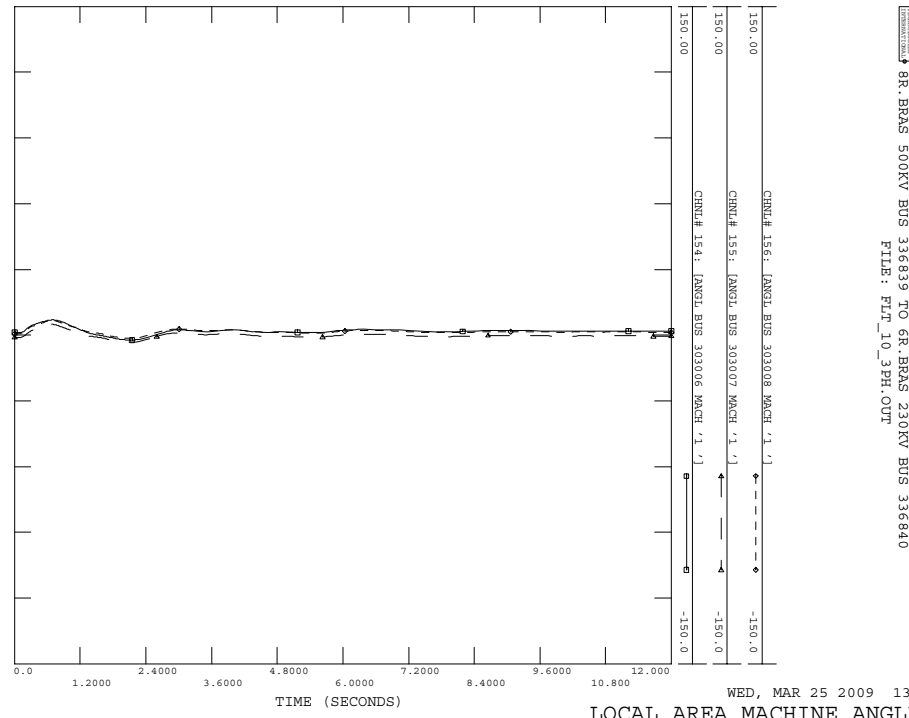
POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840
 FILE: FLT_10_3PH.OUT



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POST-PID226 CASE
 3PH FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS 500KV BUS 336839 TO 6R.BRAS 230KV BUS 336840
 FILE: FLT_10_3PH.OUT

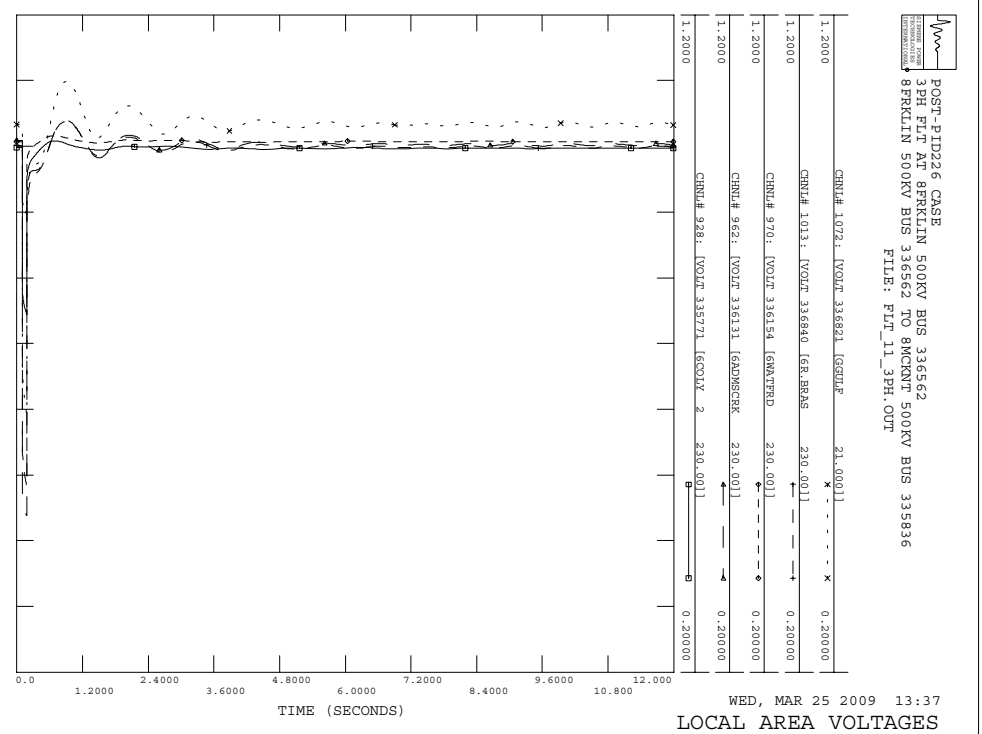
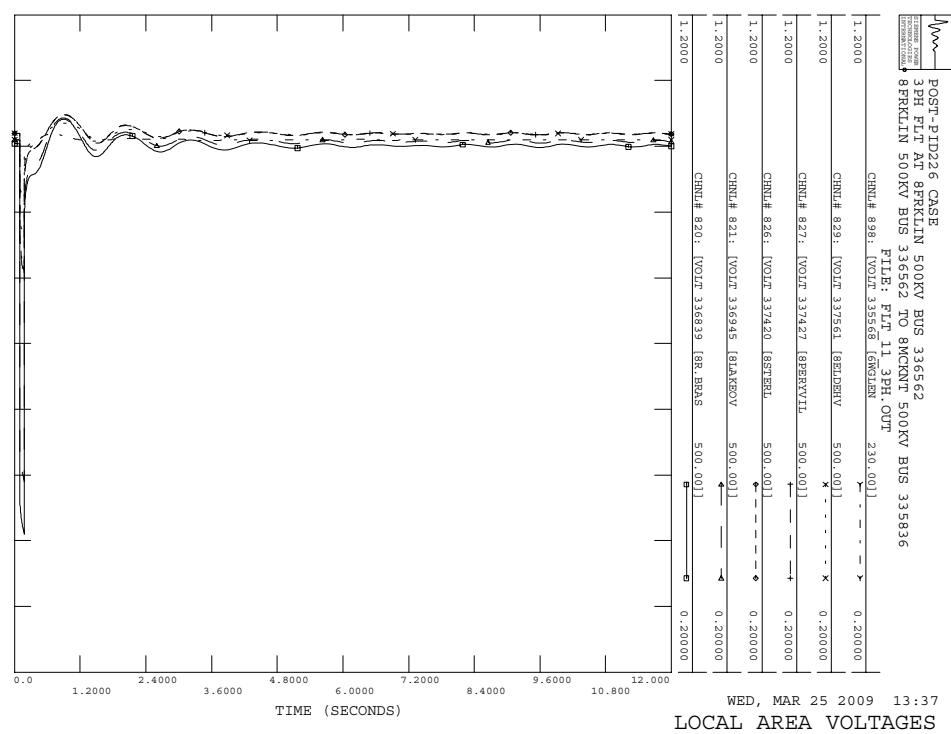
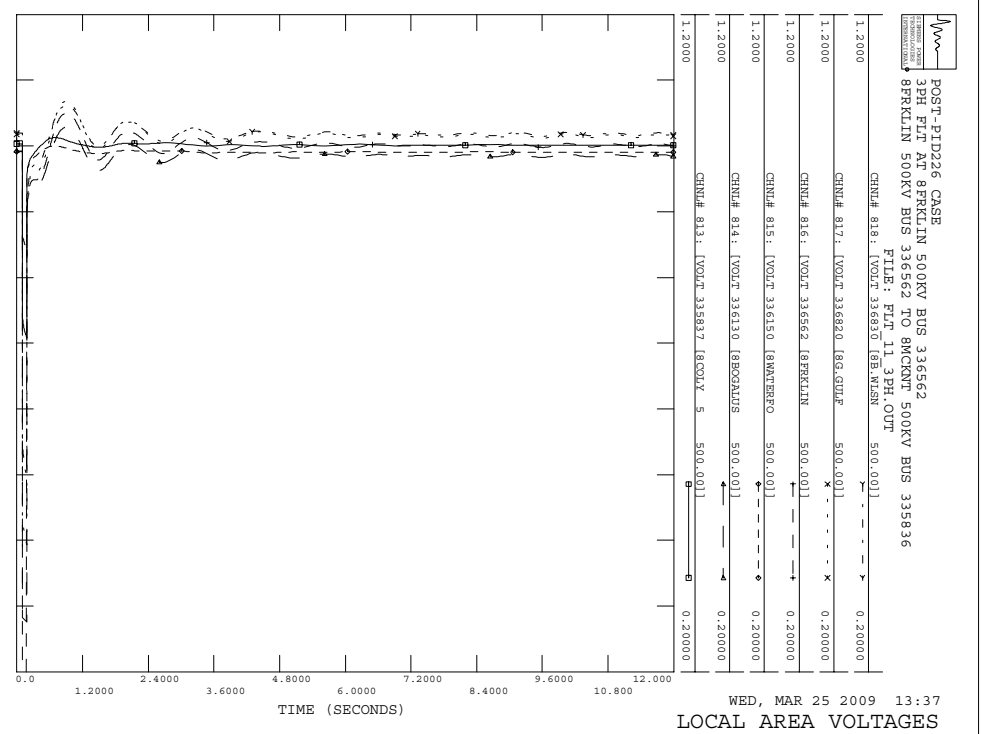
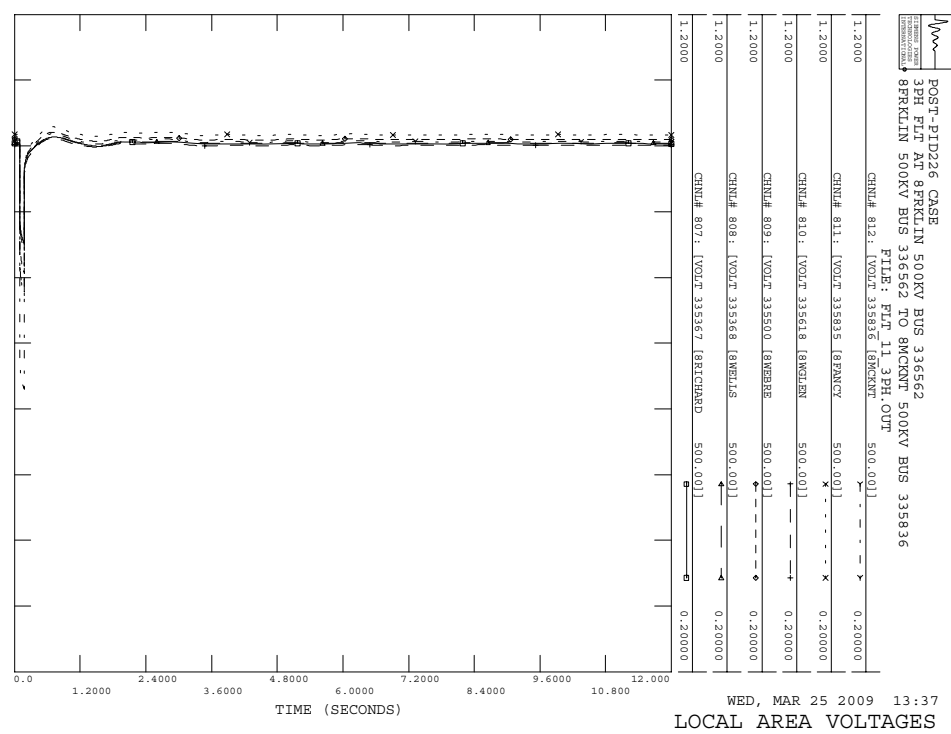


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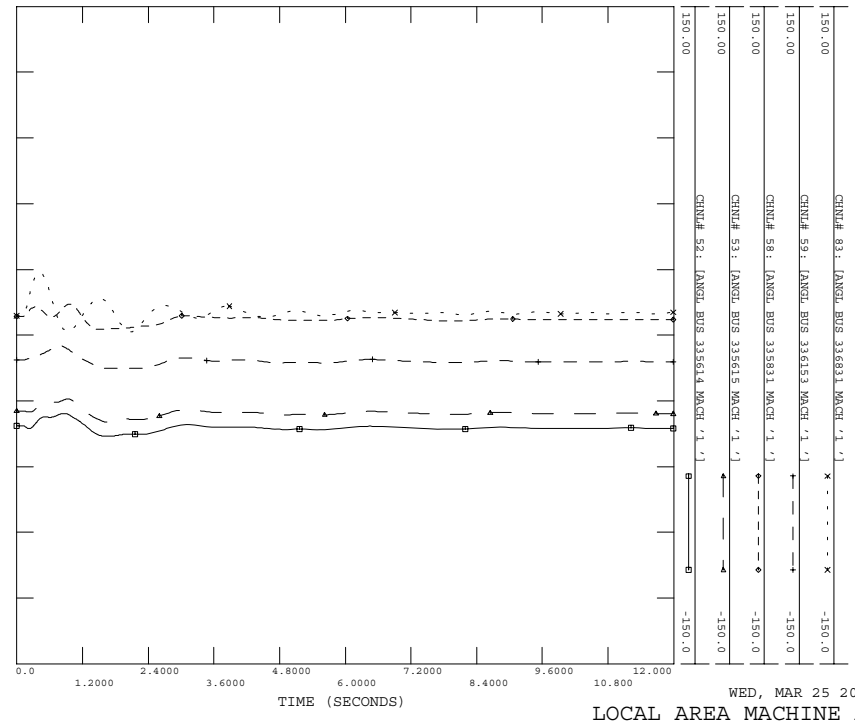
C.11 FLT_11_3PH

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

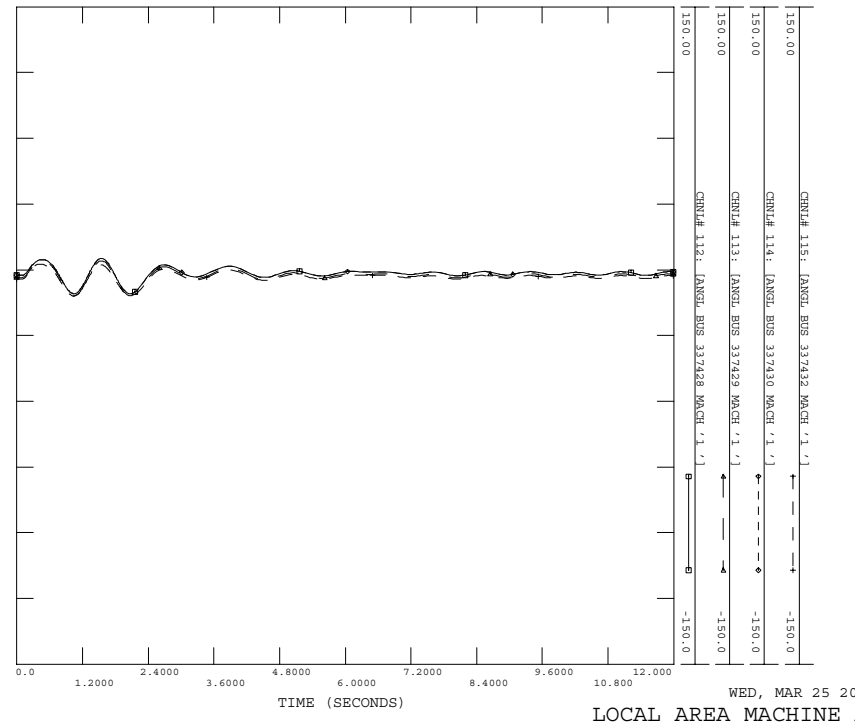
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN 500KV BUS 336562 TO 8MCKNT 500KV BUS 335836



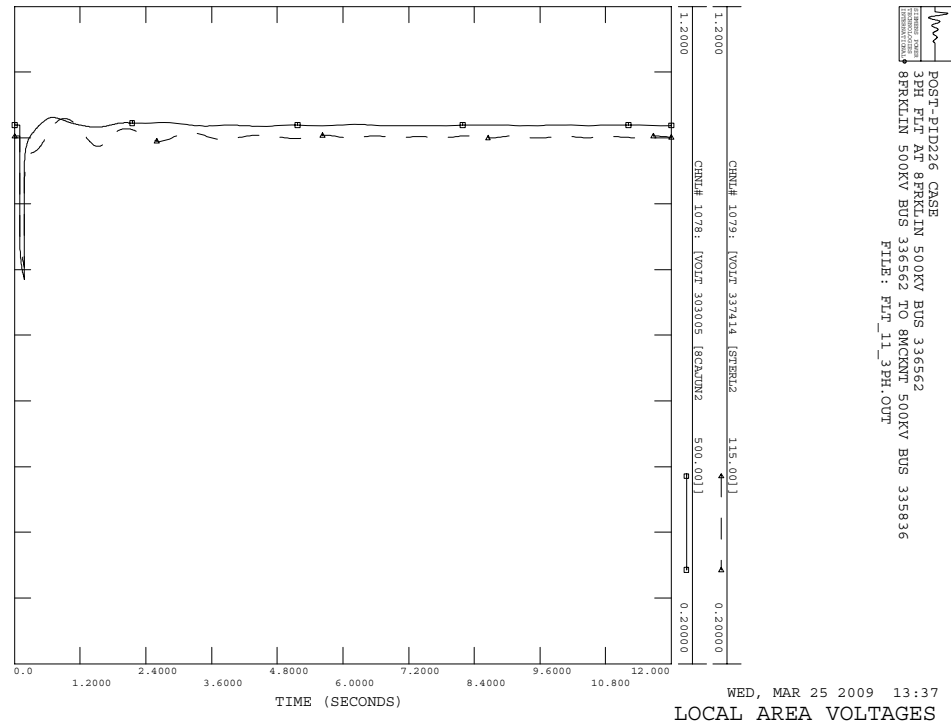
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 335836
 FILE: FLT_11_3PH.OUT



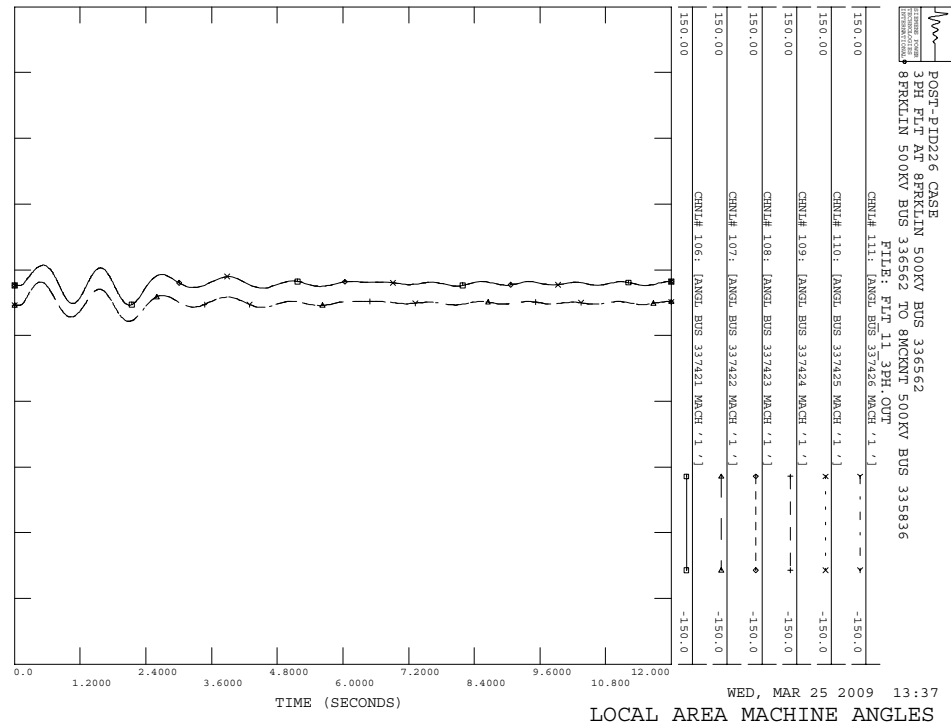
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 335836
 FILE: FLT_11_3PH.OUT



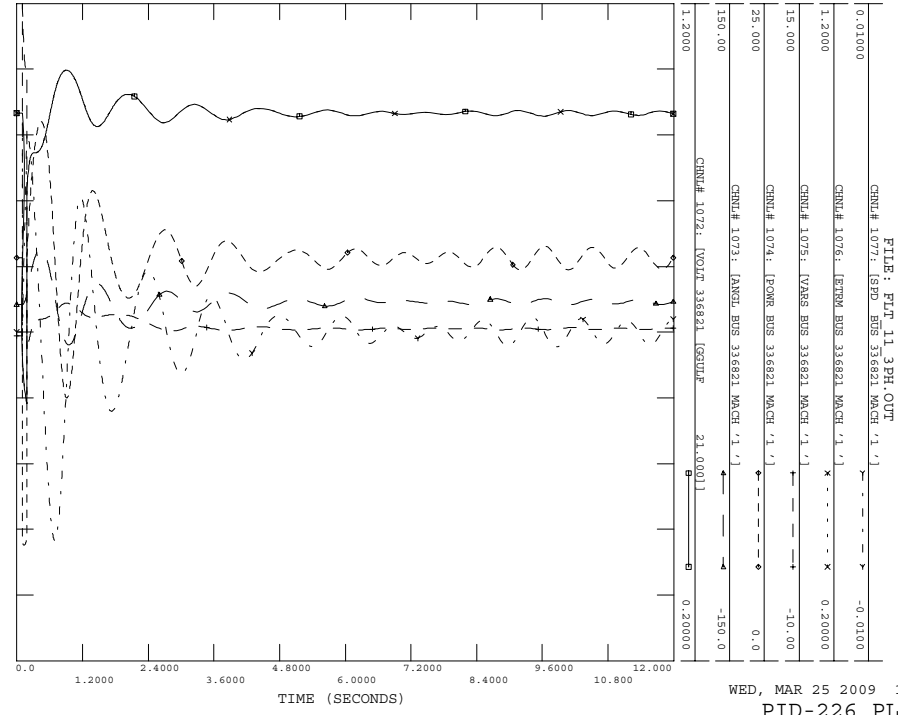
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 335836
 FILE: FLT_11_3PH.OUT



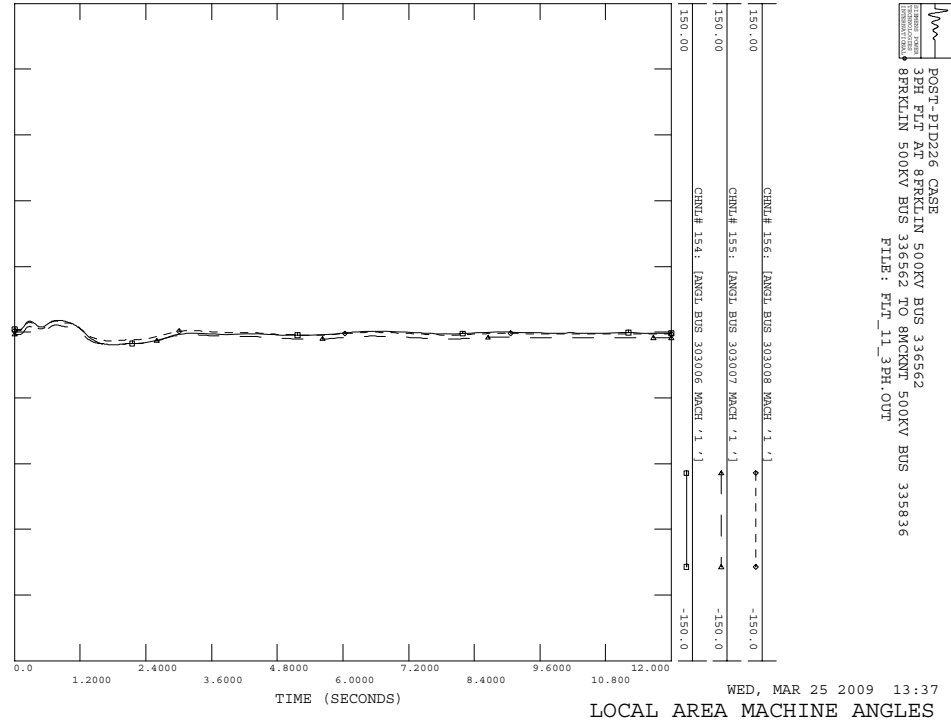
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 335836
 FILE: FLT_11_3PH.OUT



POST-PID226 CASE
 3PH FLT AT BRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO 8MCKNT 500KV BUS 335836
 FILE: FLT_11_3PH.OUT



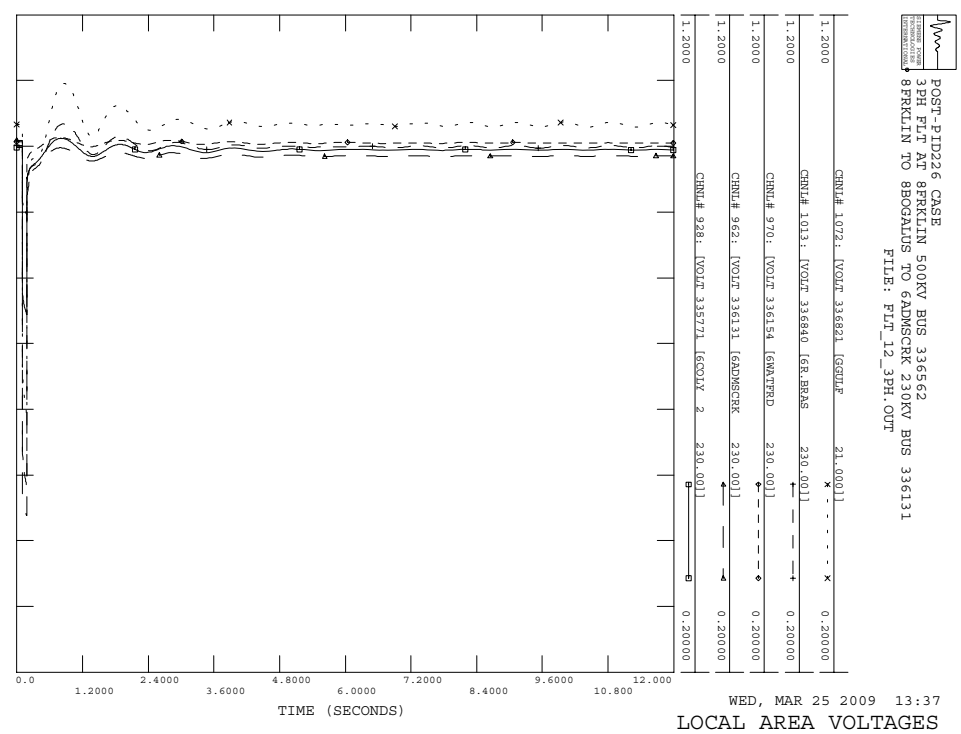
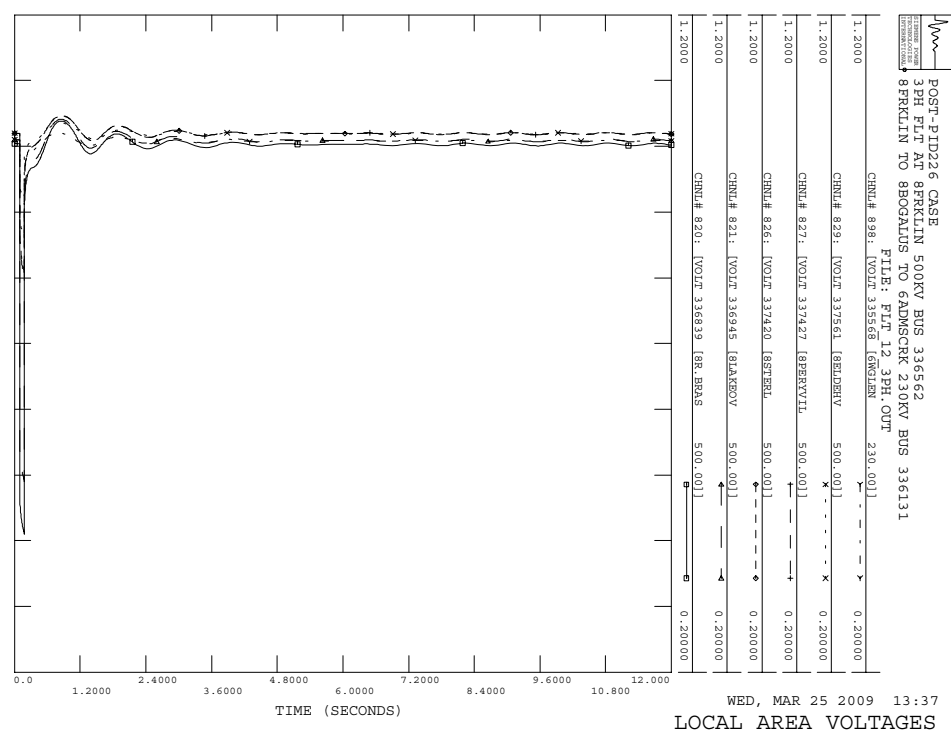
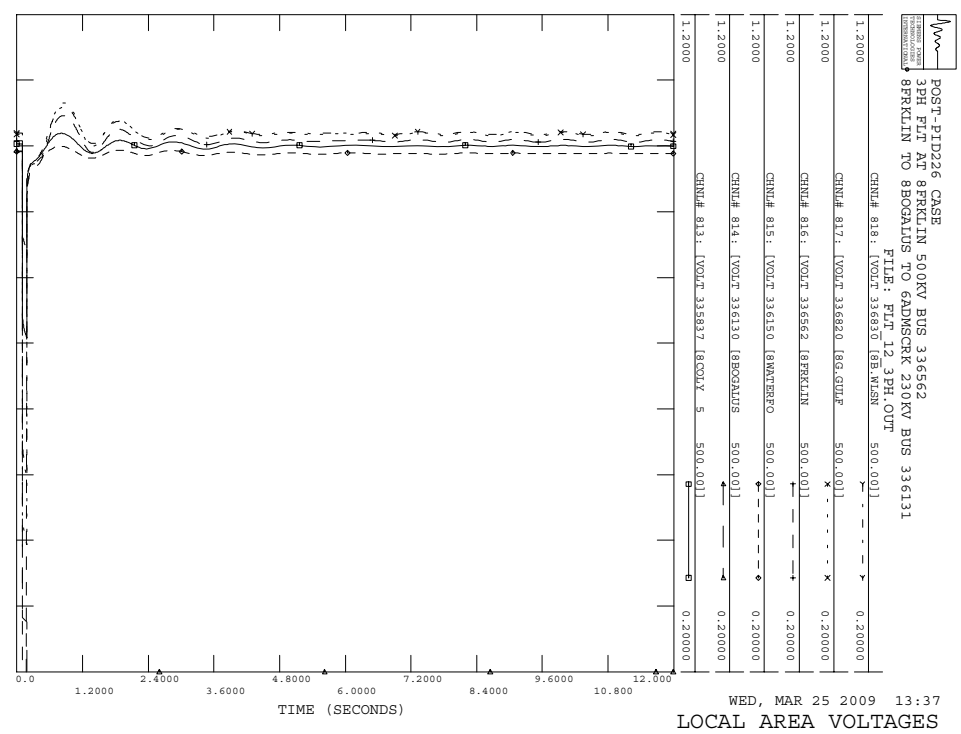
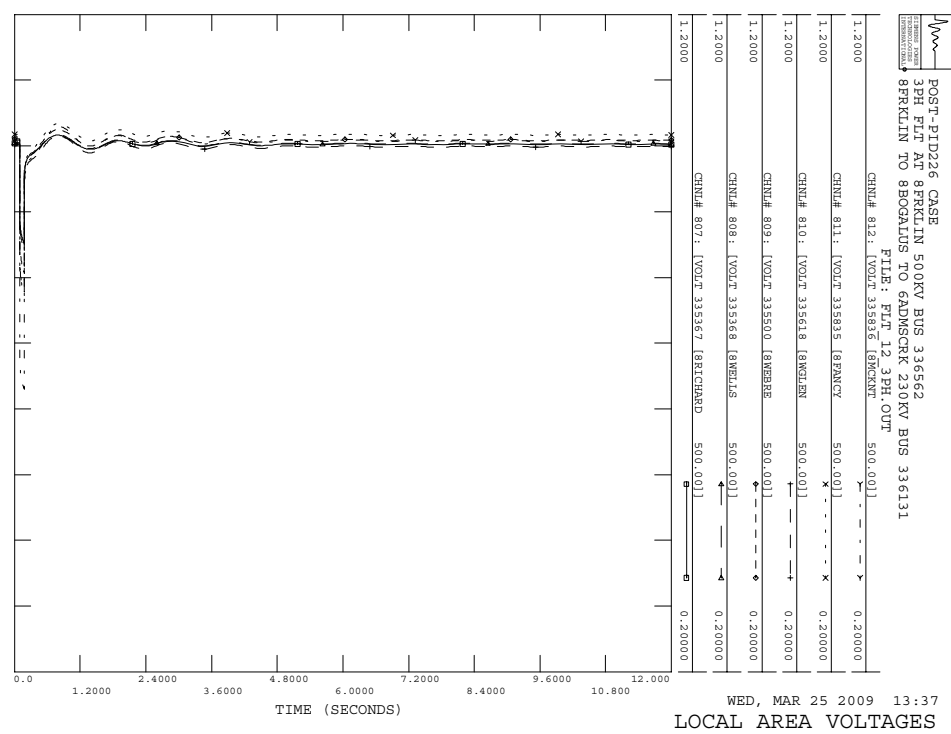
POST-PID226 CASE
 3PH FLT AT BRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO 8MCKNT 500KV BUS 335836
 FILE: FLT_11_3PH.OUT



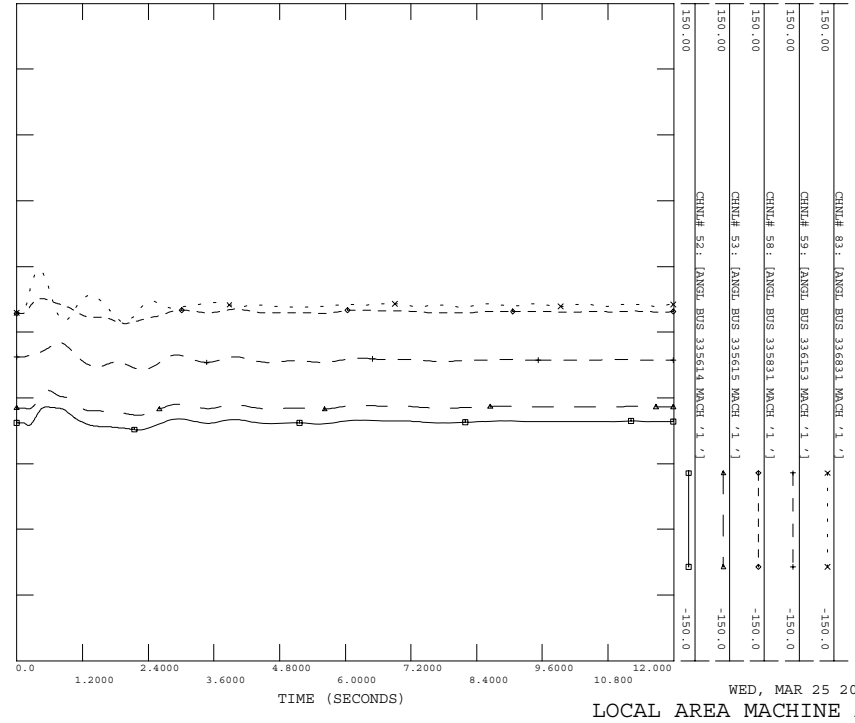
C.12 FLT_12_3PH

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

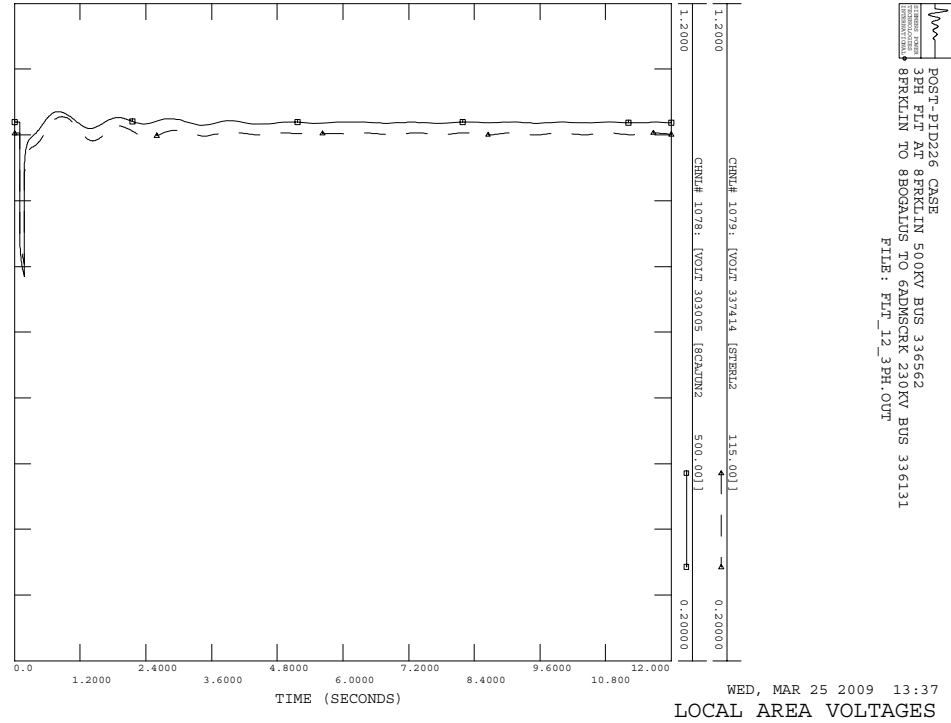
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN TO 8BOGALUS and 8BOGALUS TO 6ADMSCRK 230KV BUS 336131



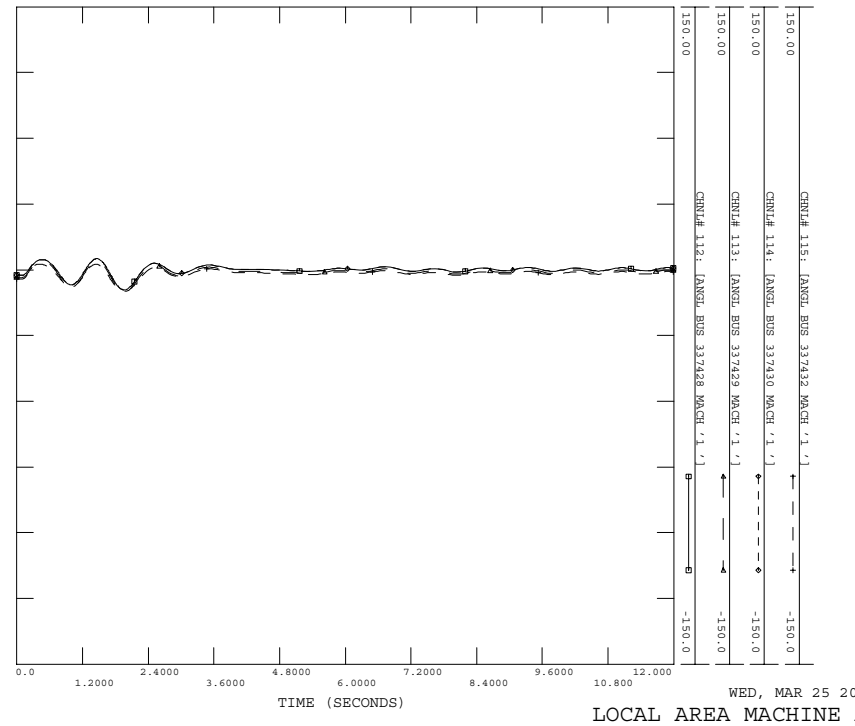
POST-PID226 CASE
 3PH FLT AT 8FRRLIN 500KV BUS 336562
 8FRRLIN TO 8BOGALUS TO 6AMSCRK 230KV BUS 336131
 FILE: FLT_12_3PH.OUT



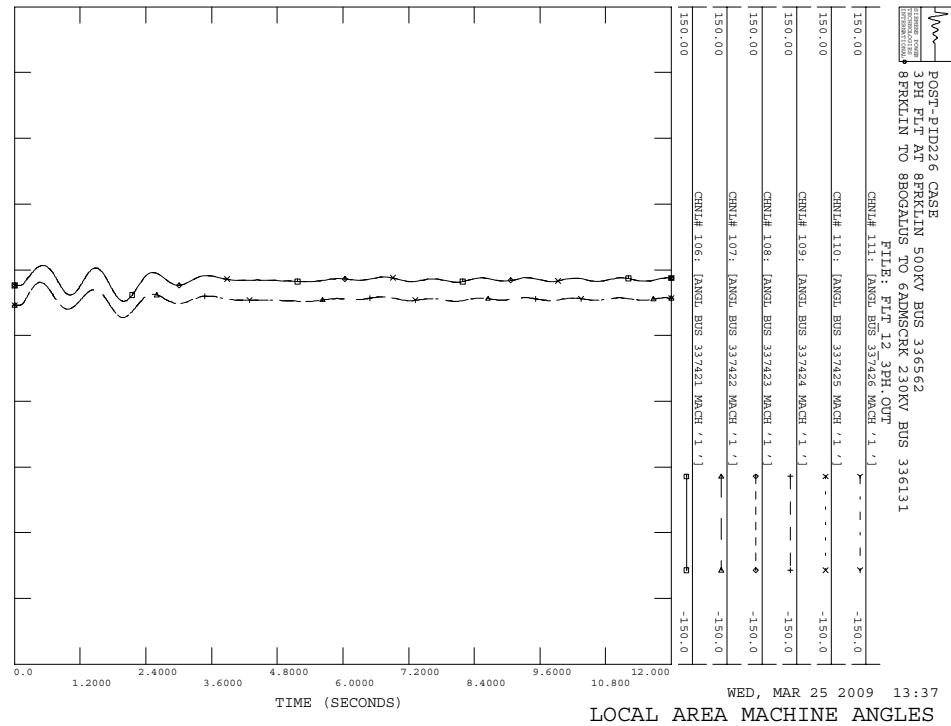
POST-PID226 CASE
 3PH FLT AT 8FRRLIN 500KV BUS 336562
 8FRRLIN TO 8BOGALUS TO 6AMSCRK 230KV BUS 336131
 FILE: FLT_12_3PH.OUT



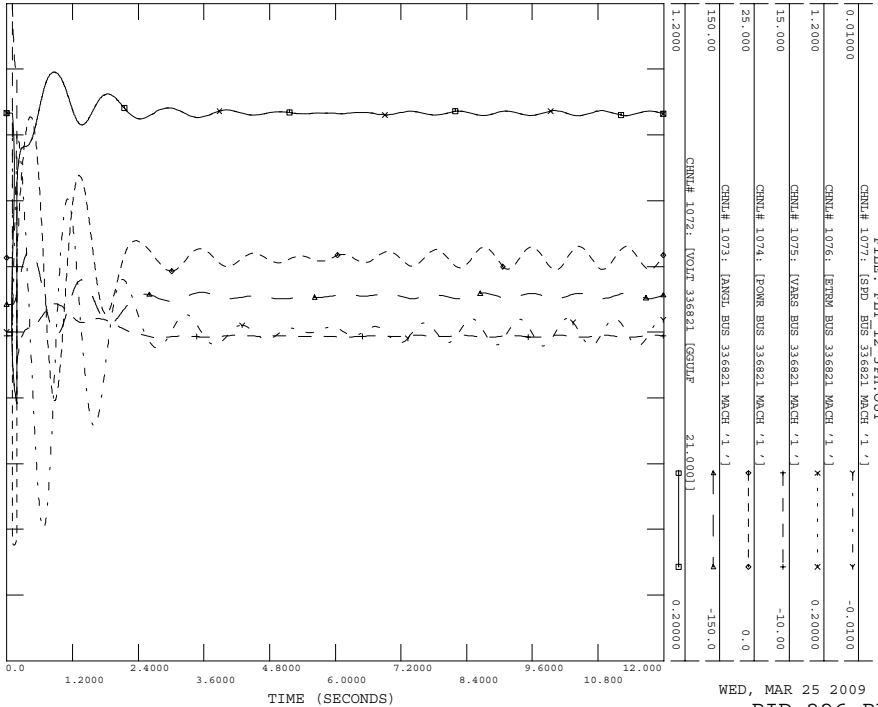
POST-PID226 CASE
 3PH FLT AT 8FRRLIN 500KV BUS 336562
 8FRRLIN TO 8BOGALUS TO 6AMSCRK 230KV BUS 336131
 FILE: FLT_12_3PH.OUT



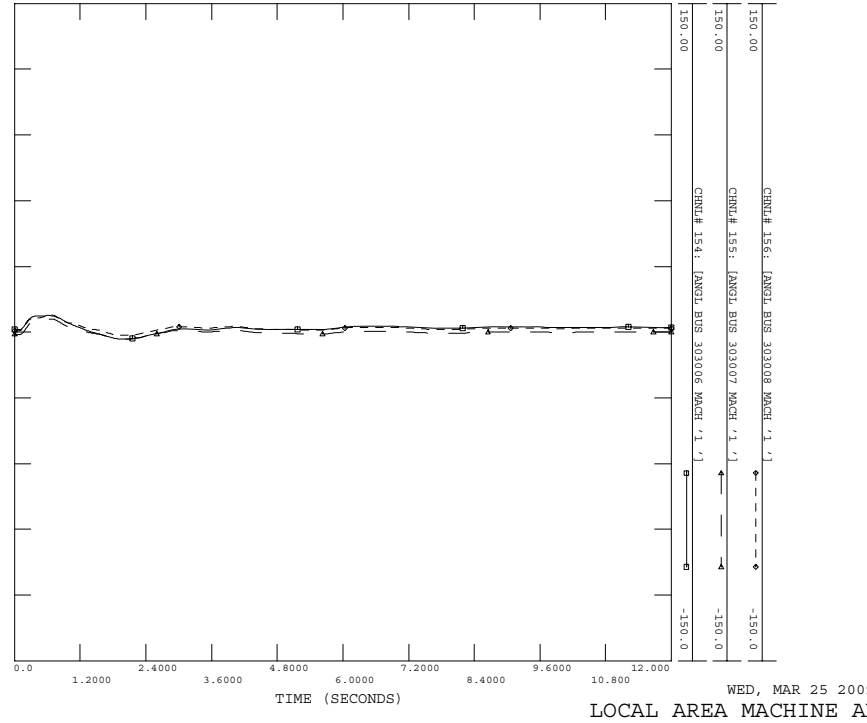
POST-PID226 CASE
 3PH FLT AT 8FRRLIN 500KV BUS 336562
 8FRRLIN TO 8BOGALUS TO 6AMSCRK 230KV BUS 336131
 FILE: FLT_12_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8BOGALUS TO 6ADMSCRK 230KV BUS 336131
 FILE: FLT_12_3PH.OUT



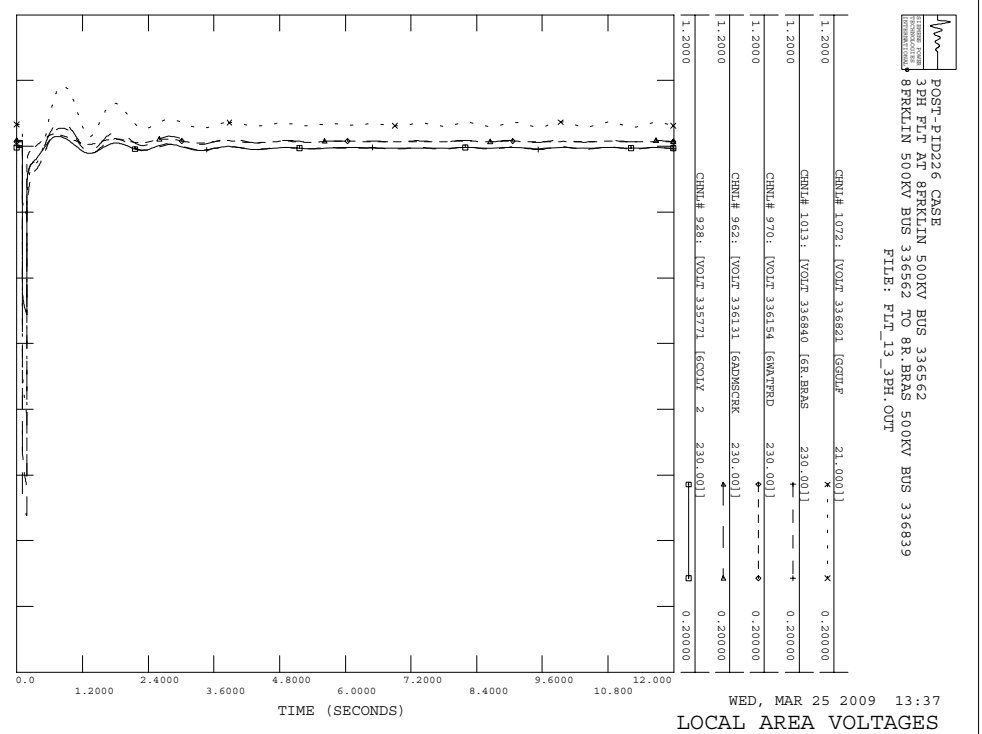
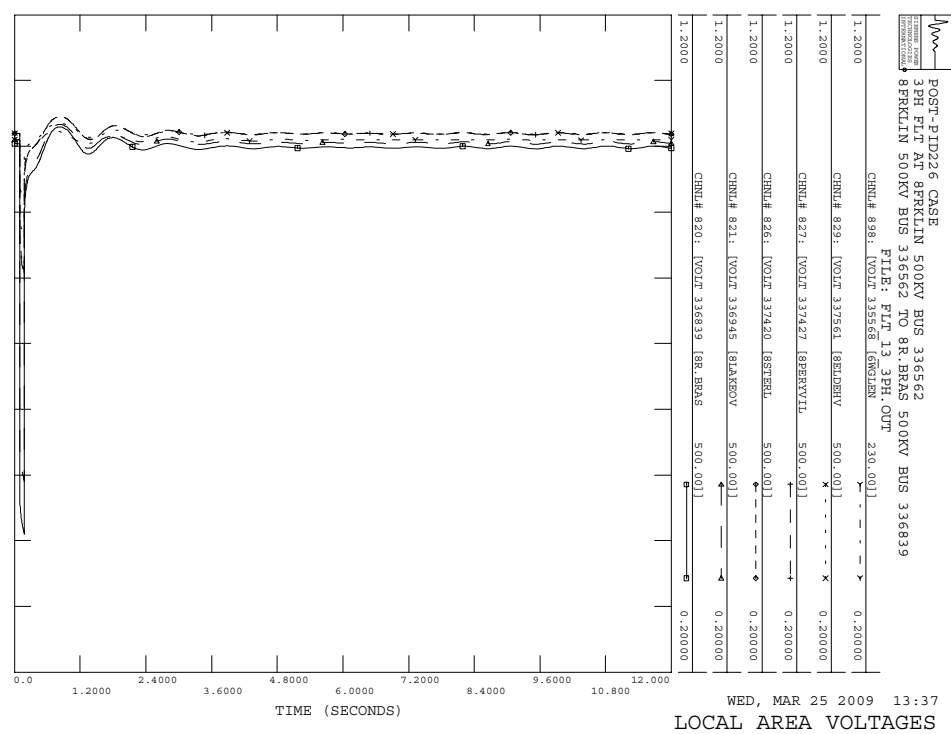
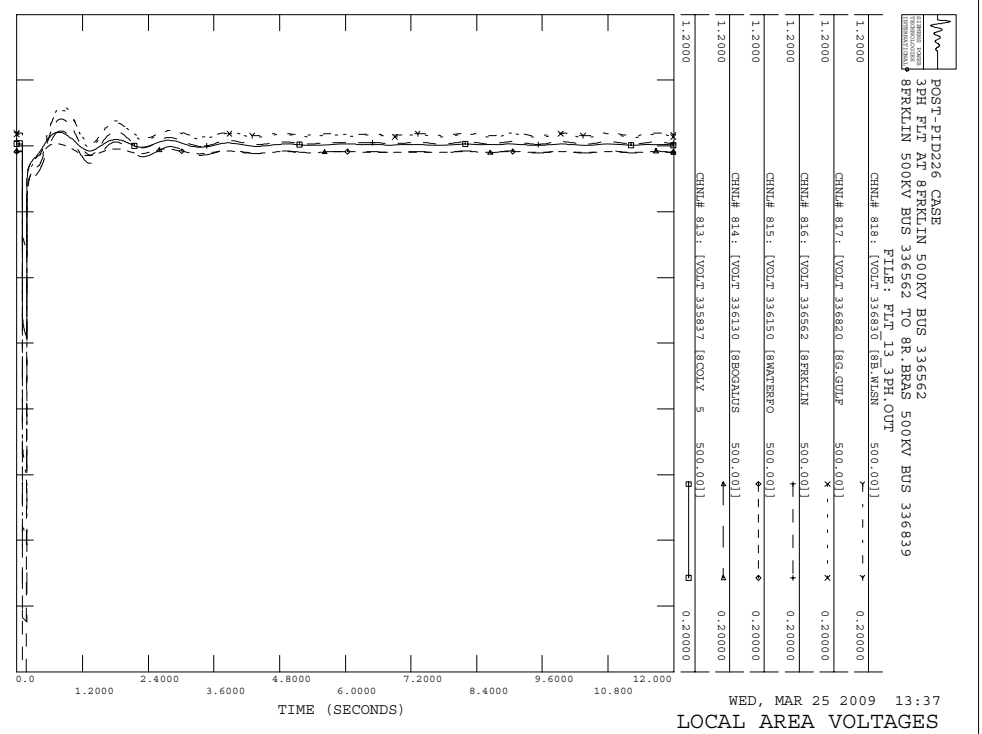
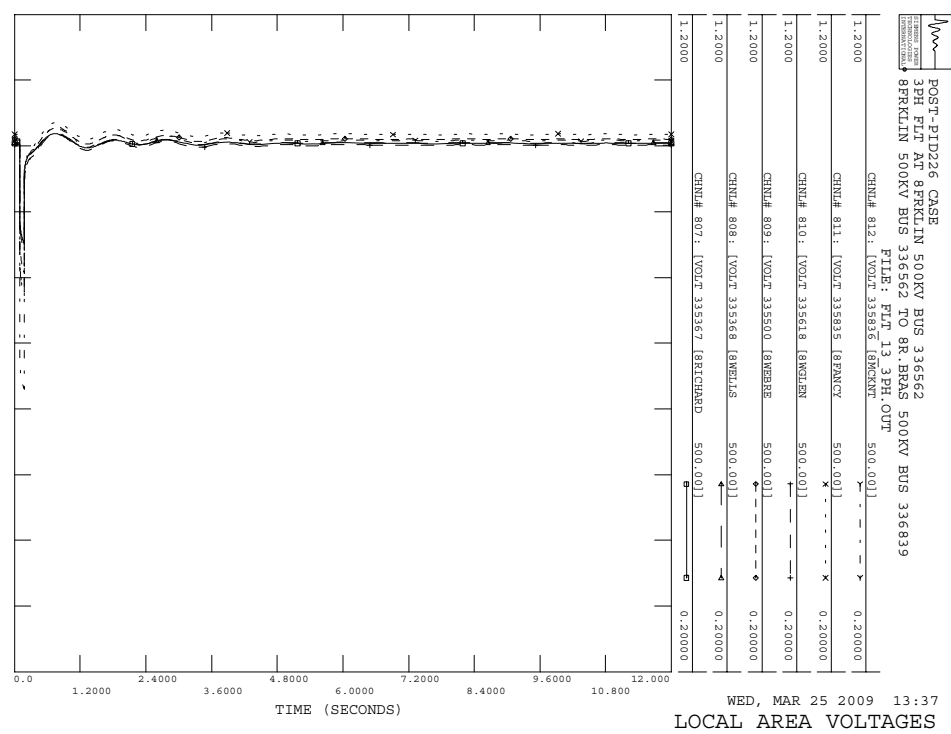
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8BOGALUS TO 6ADMSCRK 230KV BUS 336131
 FILE: FLT_12_3PH.OUT



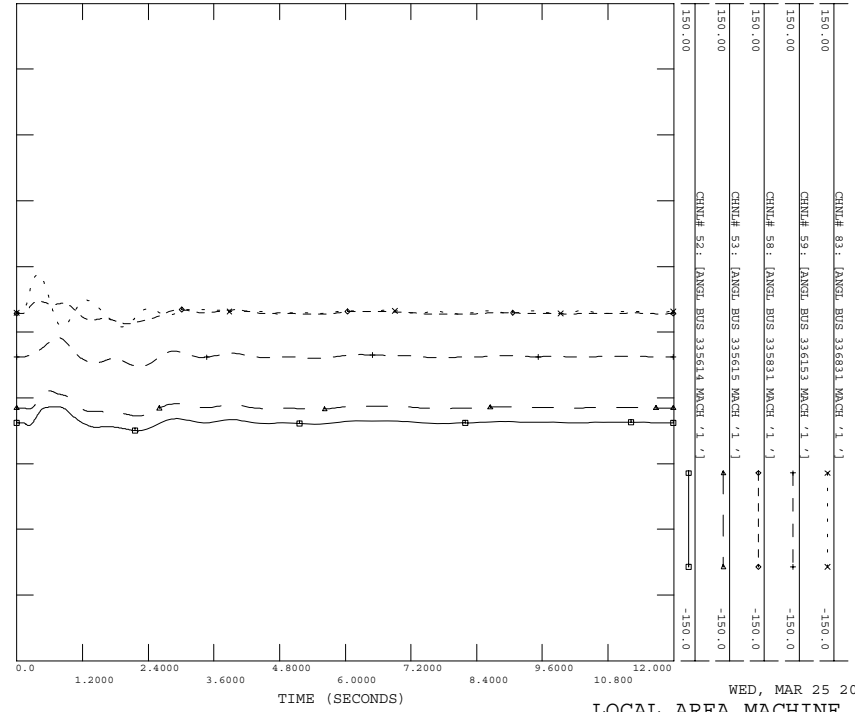
C.13 FLT_13_3PH

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

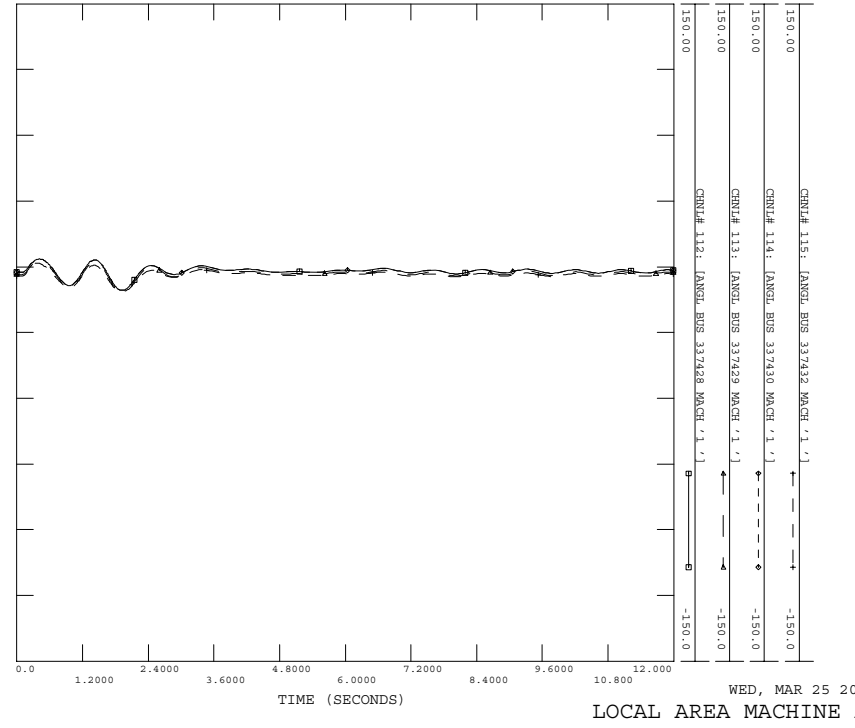
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN 500KV BUS 336562 TO 8R.BRAS 500KV BUS 336839



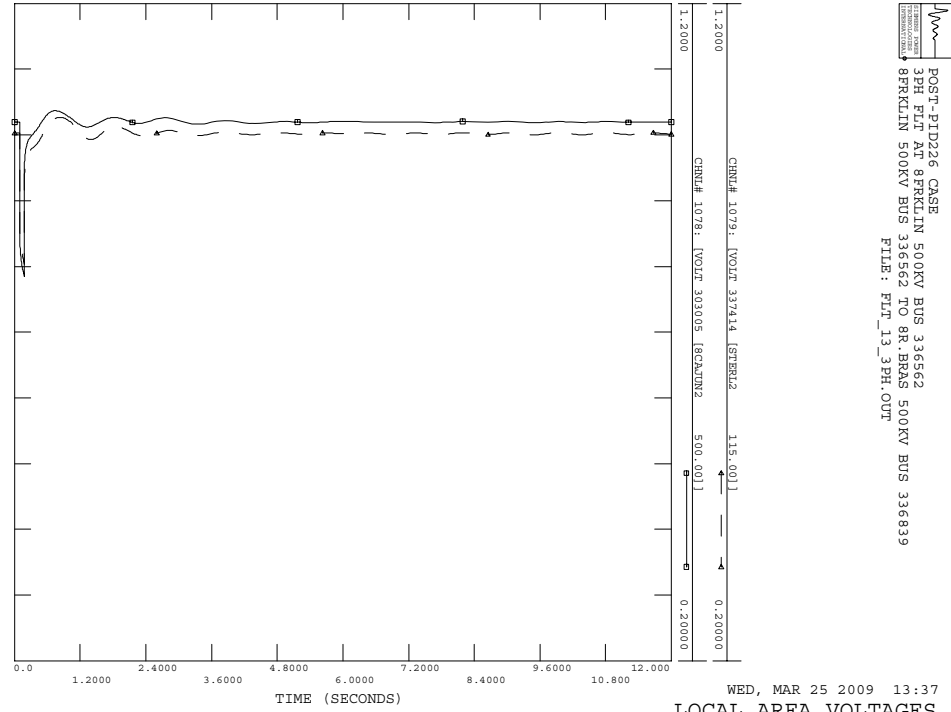
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_13_3PH.OUT



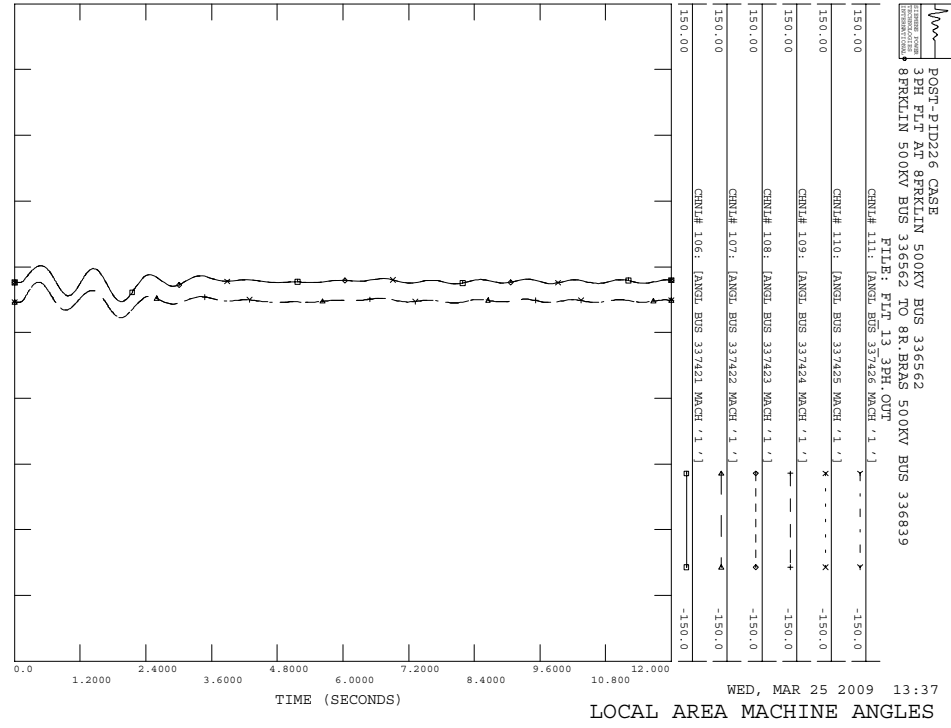
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_13_3PH.OUT



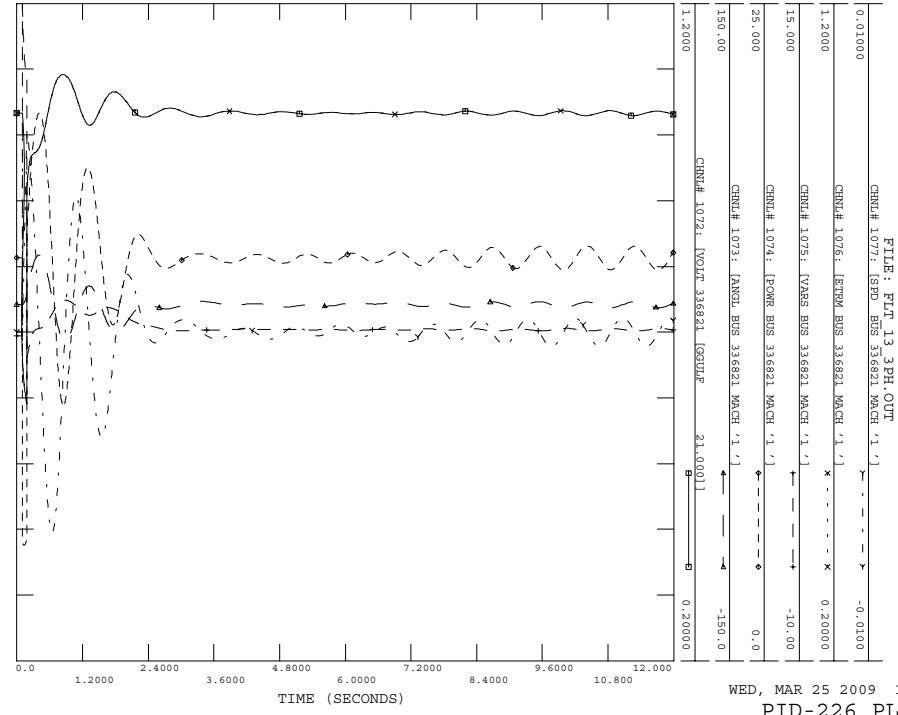
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_13_3PH.OUT



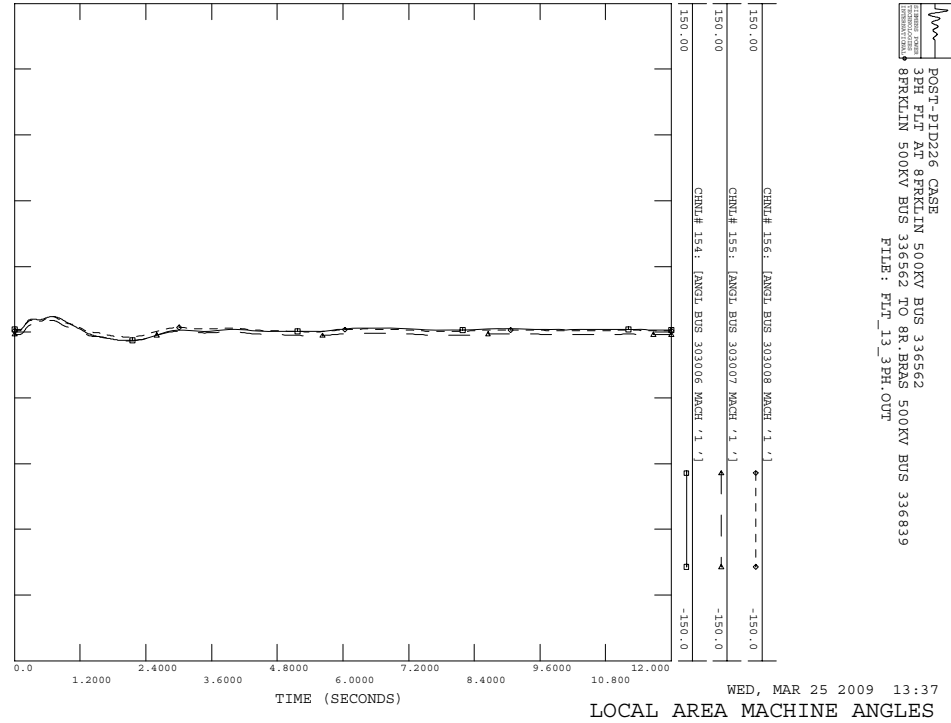
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_13_3PH.OUT



POST-PID226 CASE
 3PH FLT AT BRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO BR.BRAS 500KV BUS 336839
 FILE: FLT_13_3PH.OUT



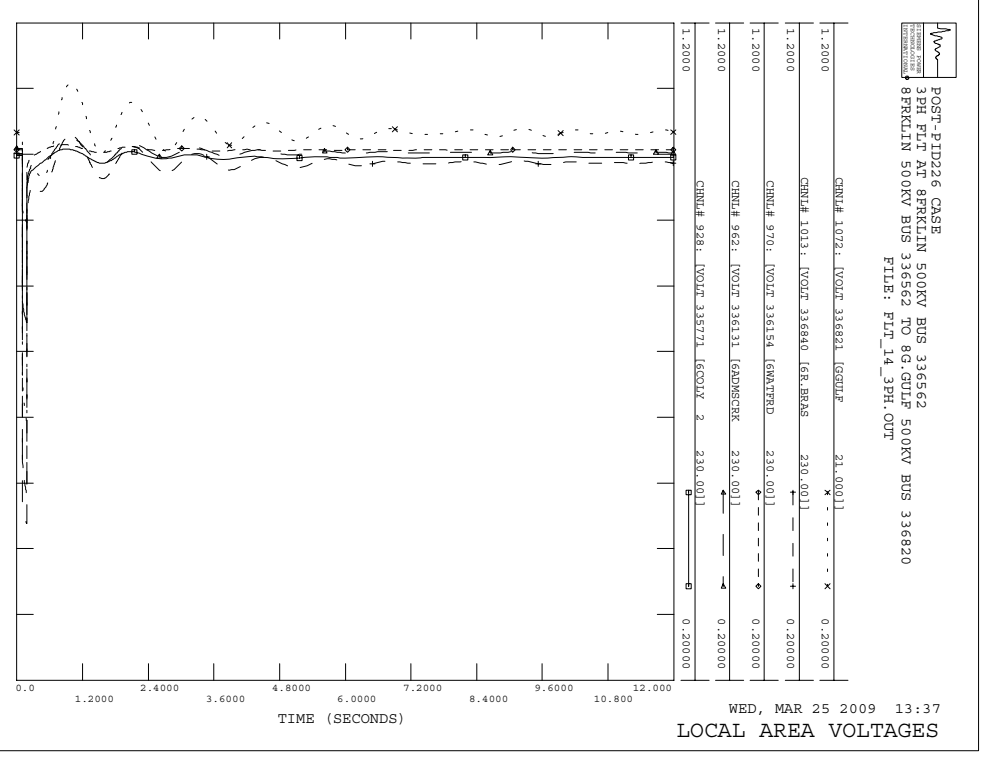
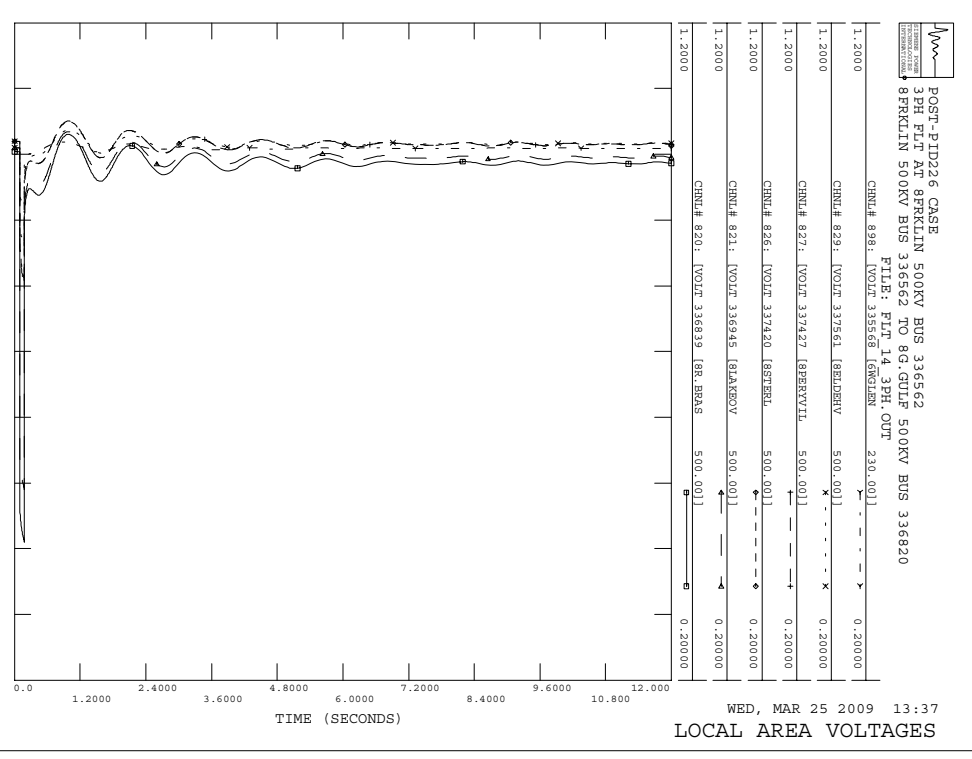
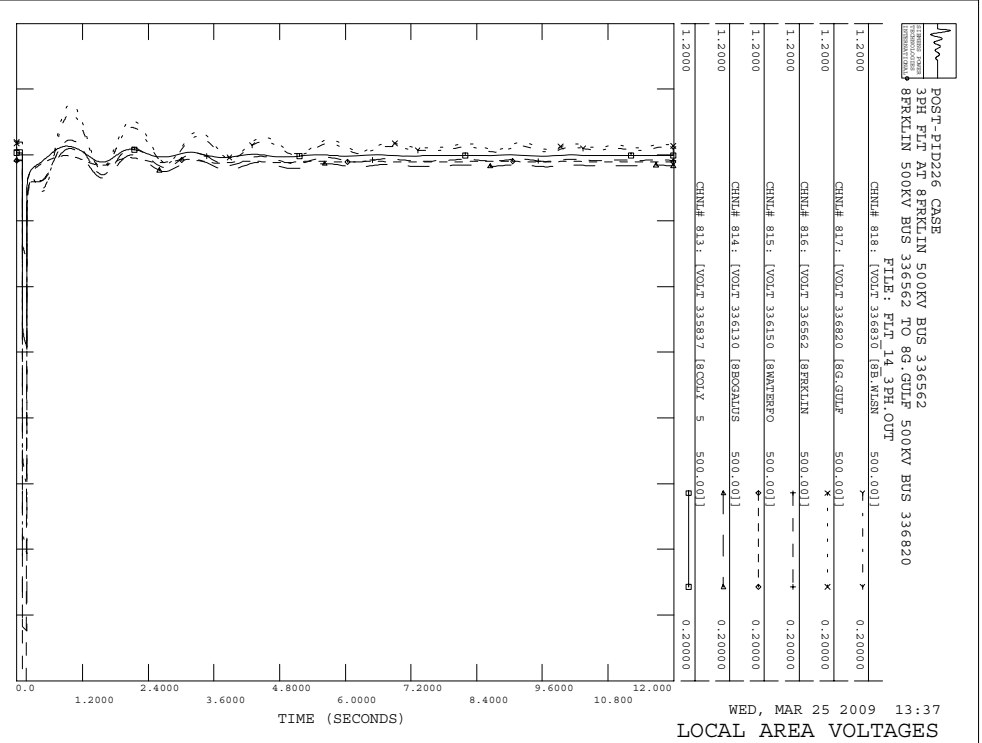
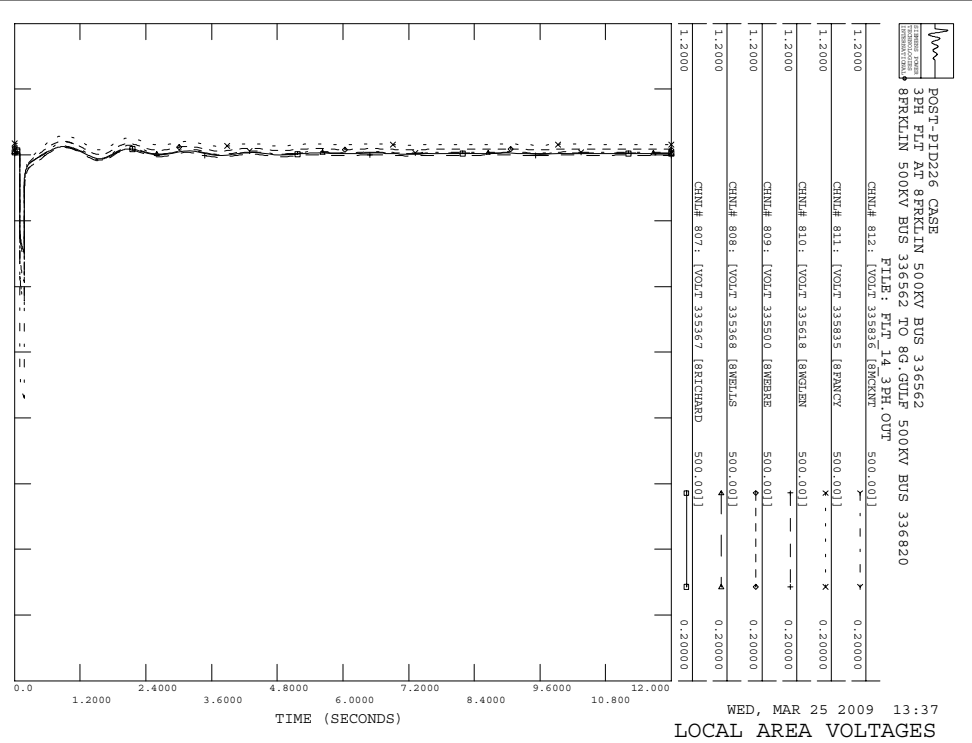
POST-PID226 CASE
 3PH FLT AT BRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO BR.BRAS 500KV BUS 336839
 FILE: FLT_13_3PH.OUT



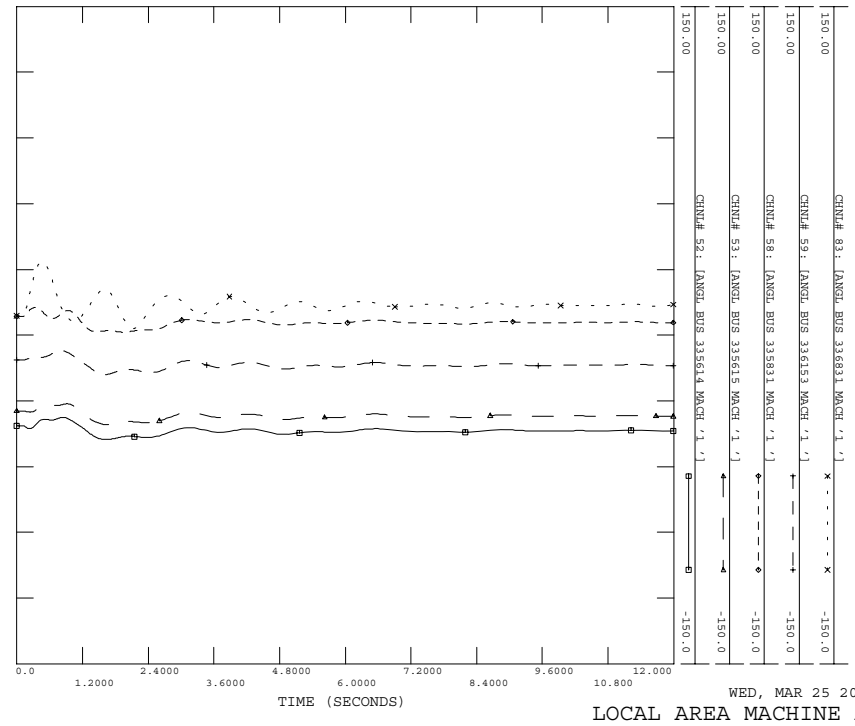
C.14 FLT_14_3PH

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

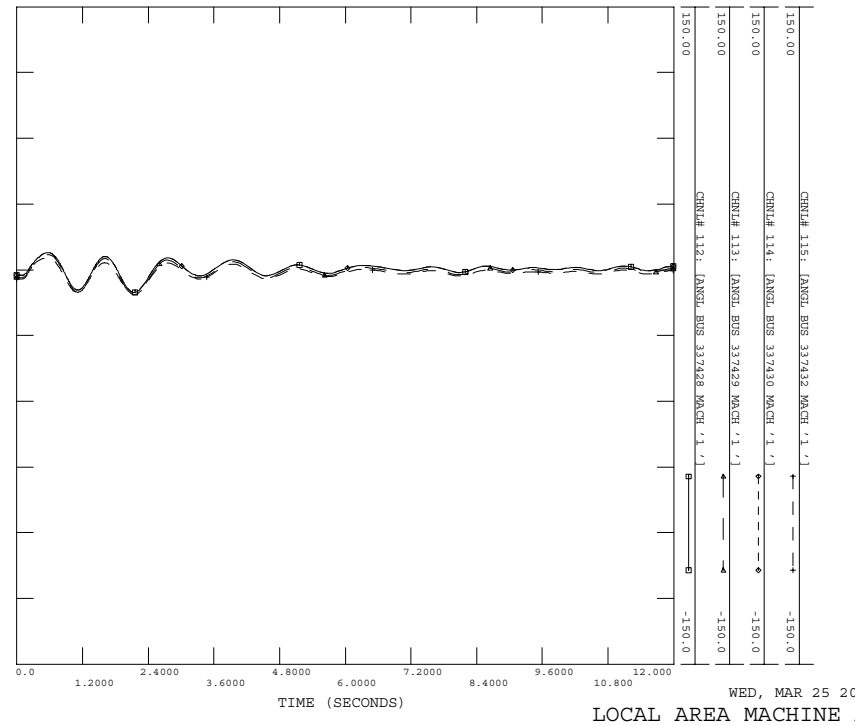
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping line from 8FRKLIN 500KV BUS 336562 TO 8G.GULF 500KV BUS 336820



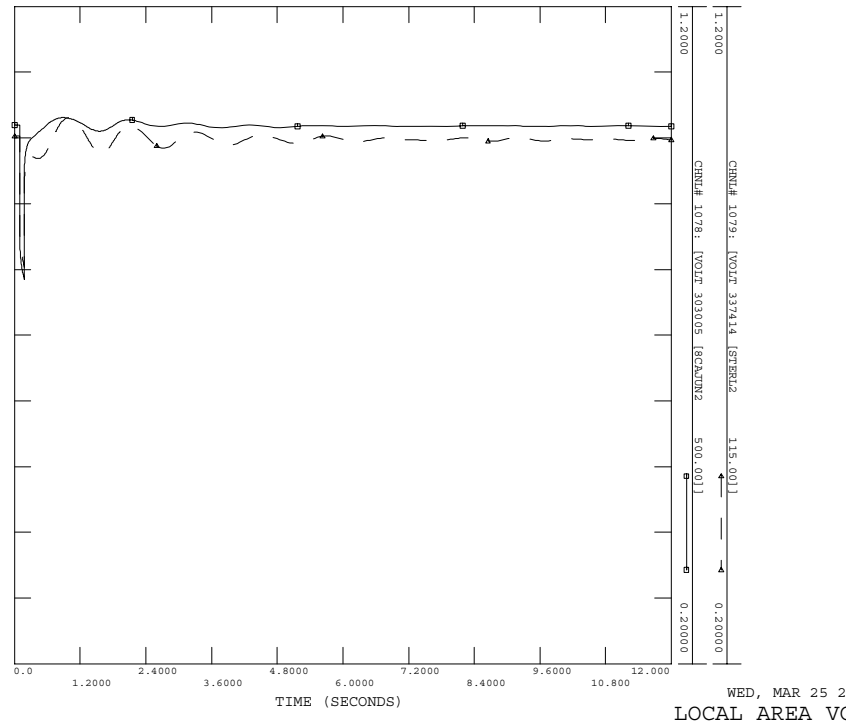
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8G.GUIF 500KV BUS 336820
 FILE: FLT_14_3PH.OUT



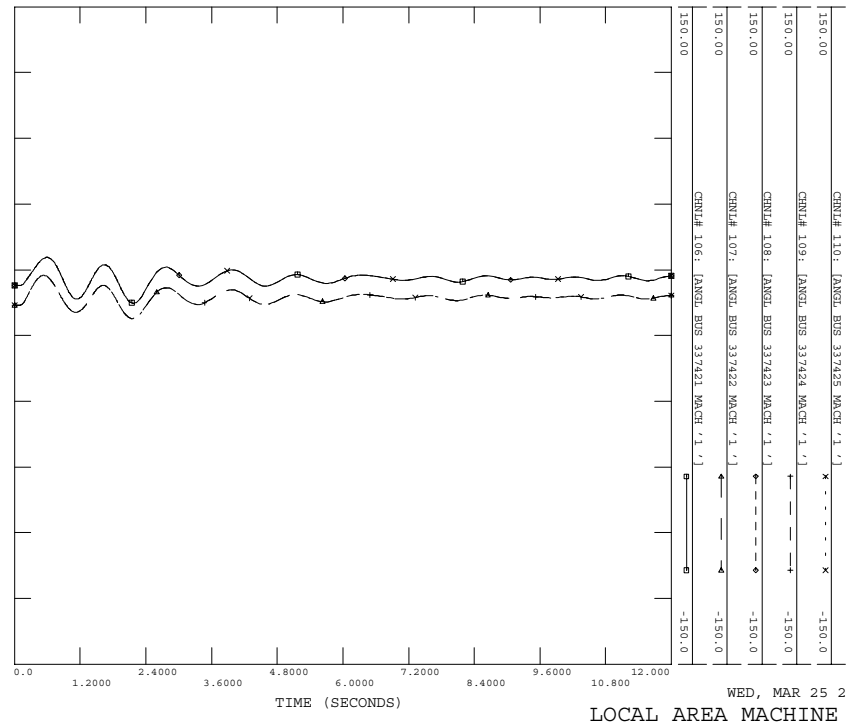
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8G.GUIF 500KV BUS 336820
 FILE: FLT_14_3PH.OUT



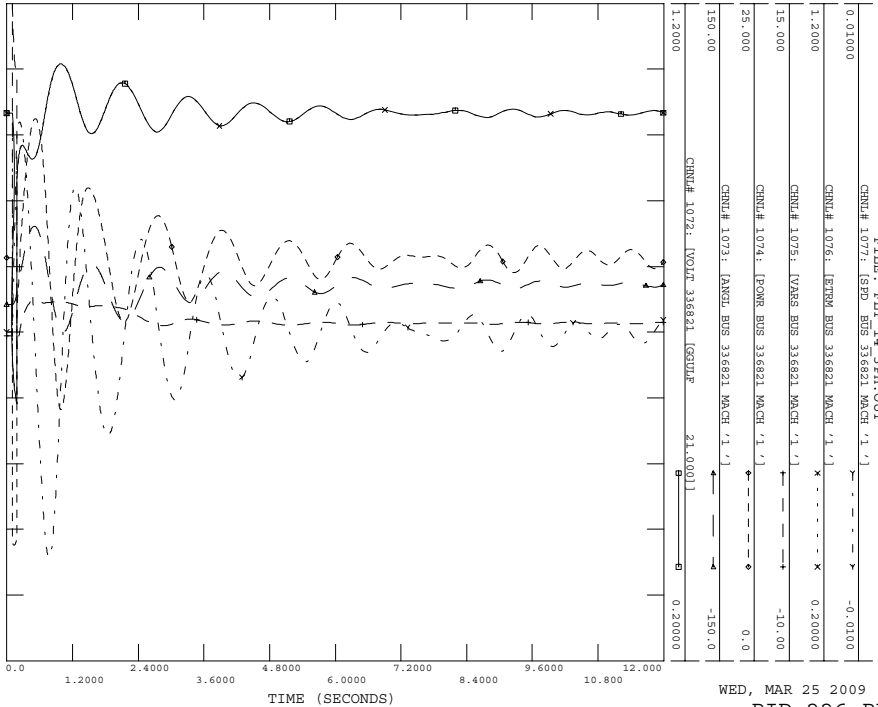
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8G.GUIF 500KV BUS 336820
 FILE: FLT_14_3PH.OUT



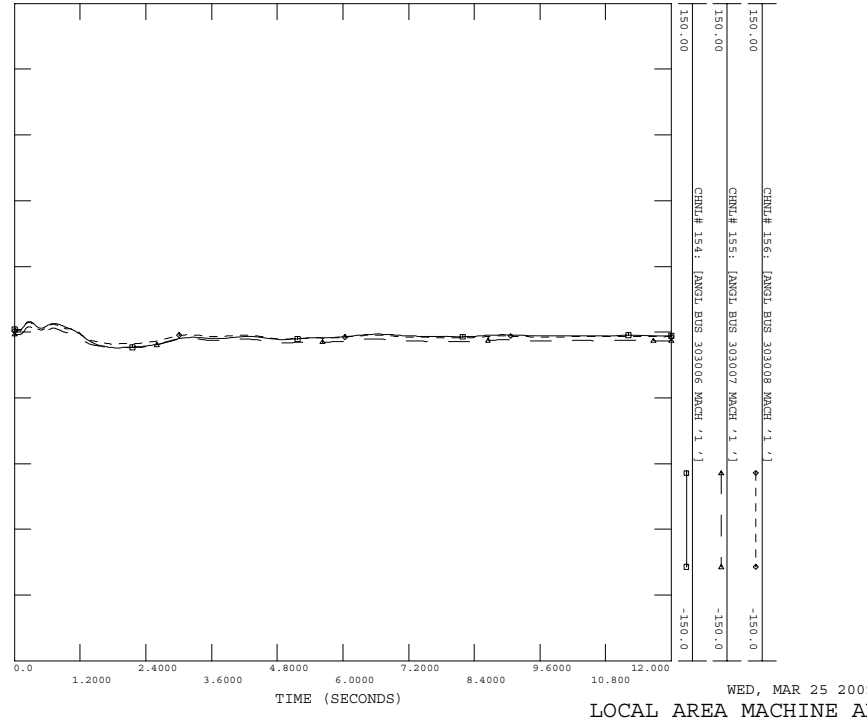
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 8G.GUIF 500KV BUS 336820
 FILE: FLT_14_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO 8G.GDLP 500KV BUS 336820
 FILE: FLT_14_3PH.OUT



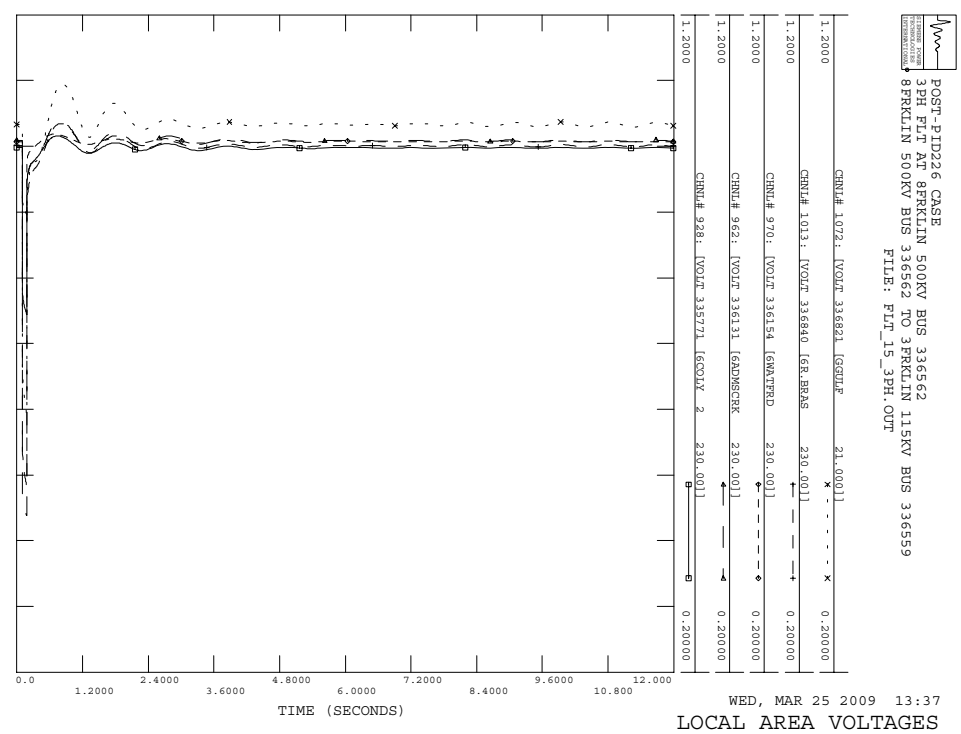
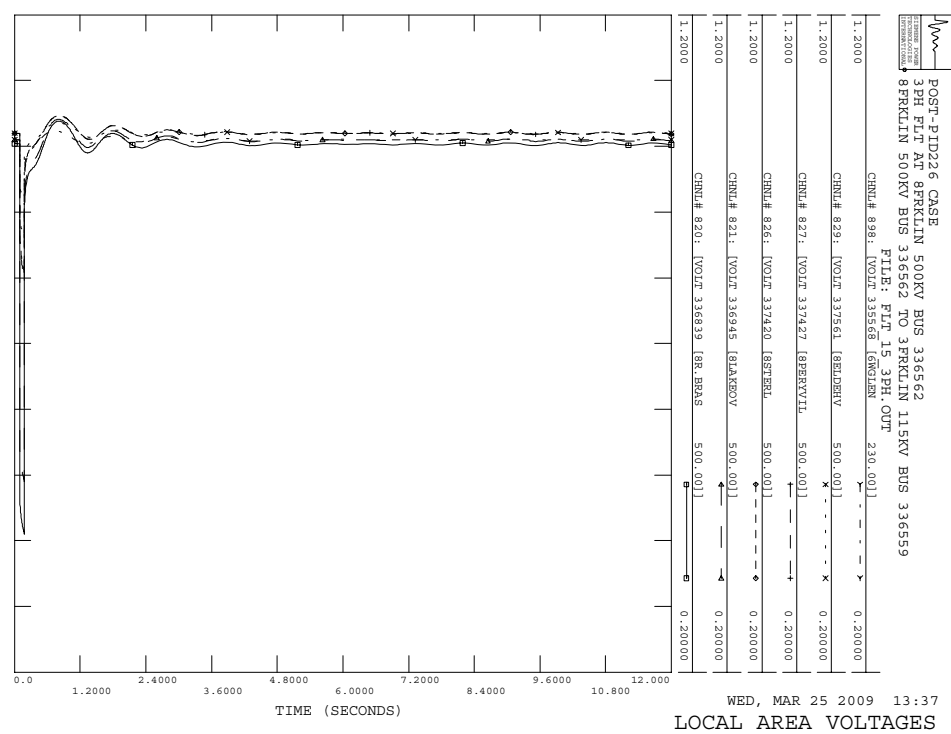
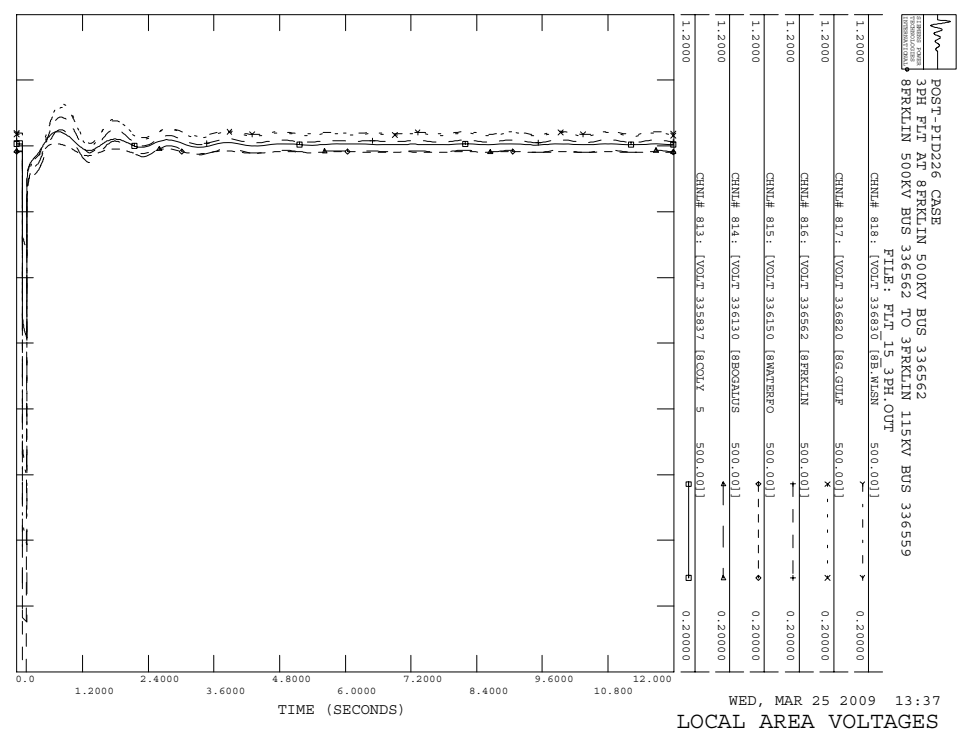
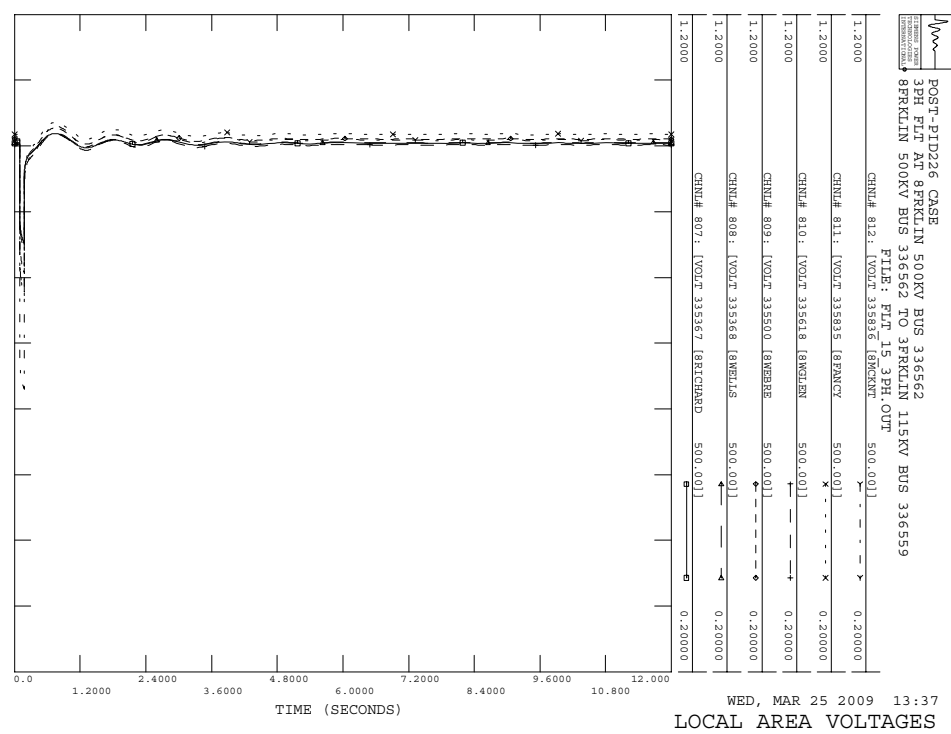
POST-PID226 CASE
 3PH FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO 8G.GDLP 500KV BUS 336820
 FILE: FLT_14_3PH.OUT



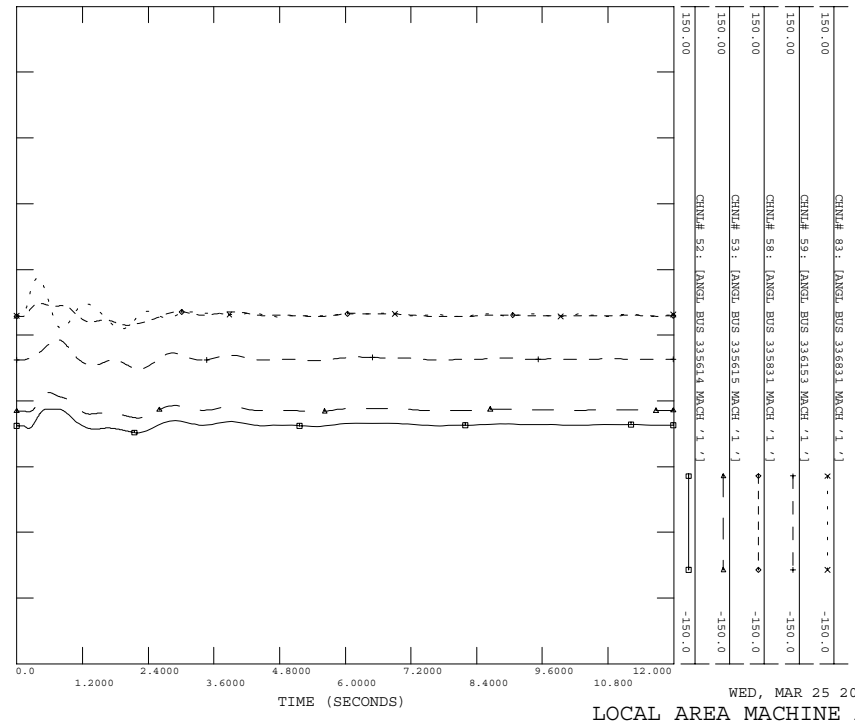
C.15 FLT_15_3PH

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

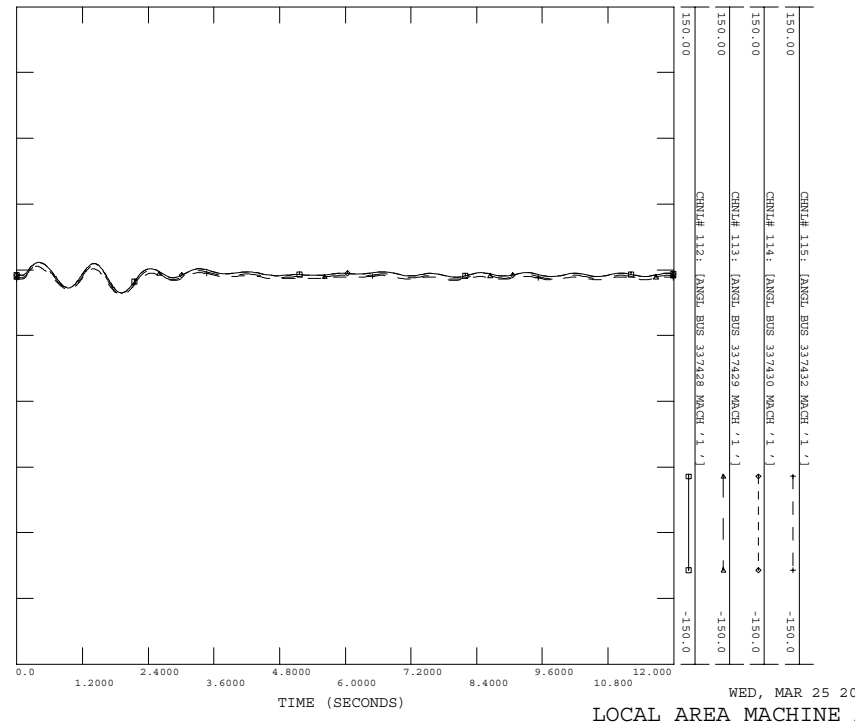
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Clear fault after 5 cycles by tripping transformer from 8FRKLIN 500KV BUS 336562 TO 3FRKLIN 115KV BUS 336559



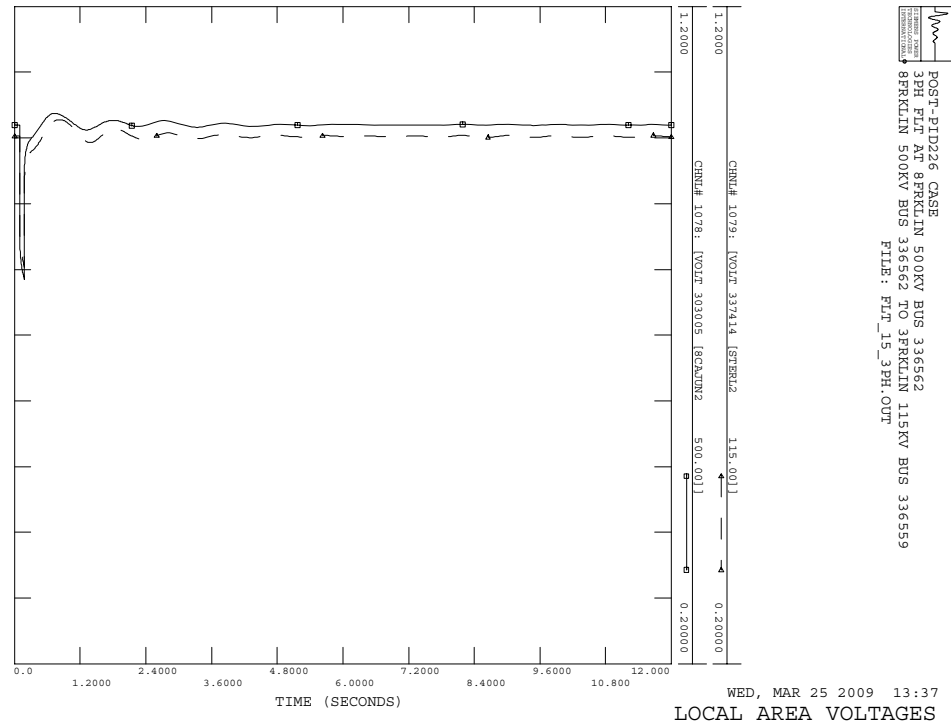
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 3FRKLIN 115KV BUS 336559
 FILE: FLT_15_3PH.OUT



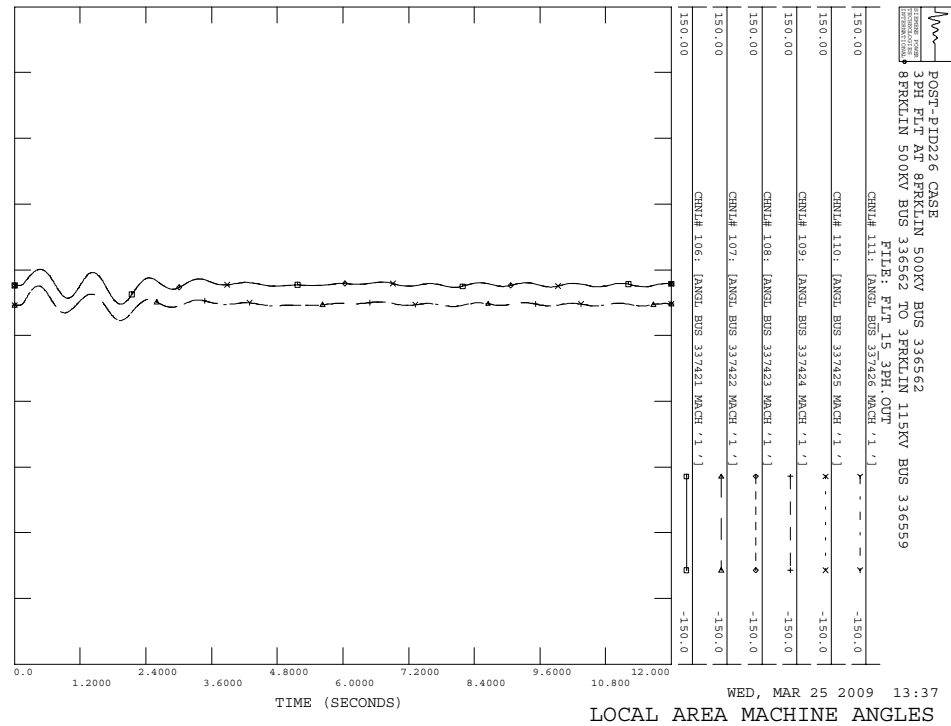
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 3FRKLIN 115KV BUS 336559
 FILE: FLT_15_3PH.OUT



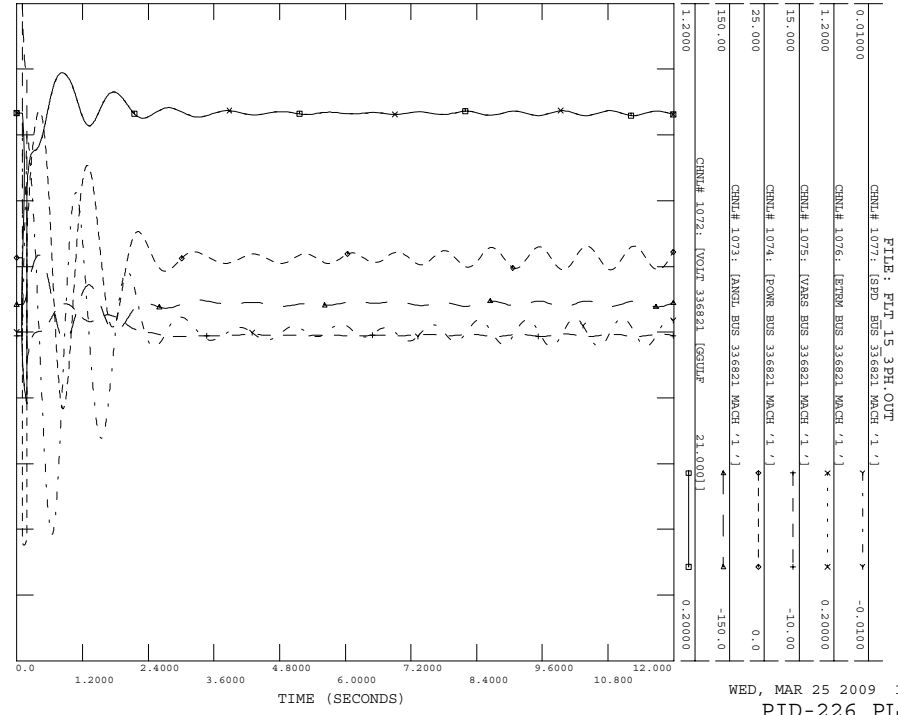
POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 3FRKLIN 115KV BUS 336559
 FILE: FLT_15_3PH.OUT



POST-PID226 CASE
 3PH FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN 500KV BUS 336562 TO 3FRKLIN 115KV BUS 336559
 FILE: FLT_15_3PH.OUT

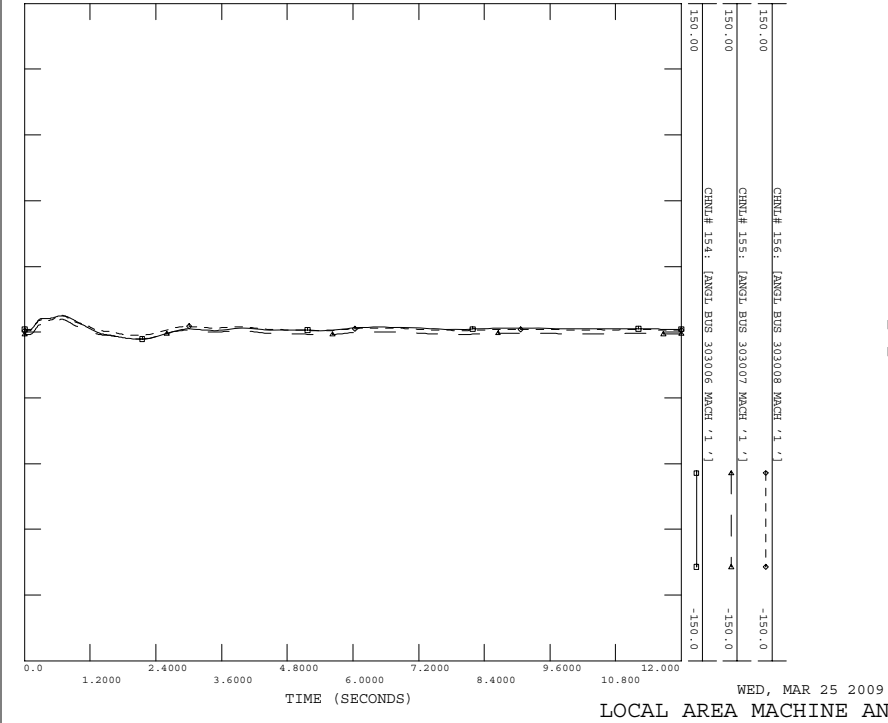


POST-PID226 CASE
 3PH FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO 3PRKLN 115KV BUS 336559
 FILE: FLT_15_3PH.OUT



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POST-PID226 CASE
 3PH FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN 500KV BUS 336562 TO 3PRKLN 115KV BUS 336559
 FILE: FLT_15_3PH.OUT

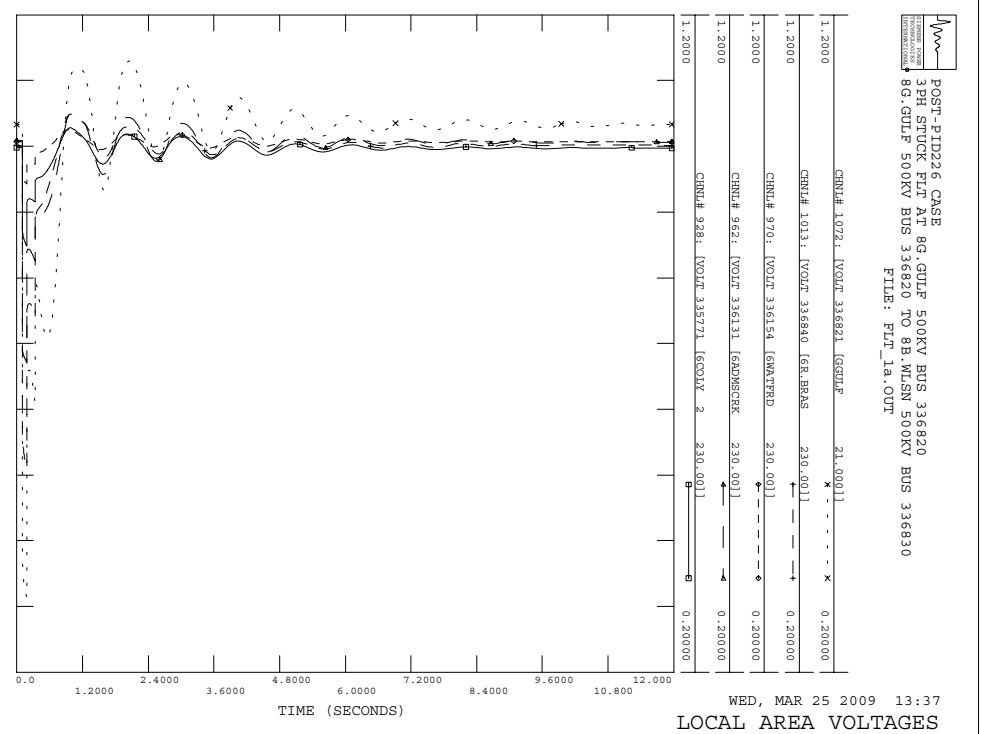
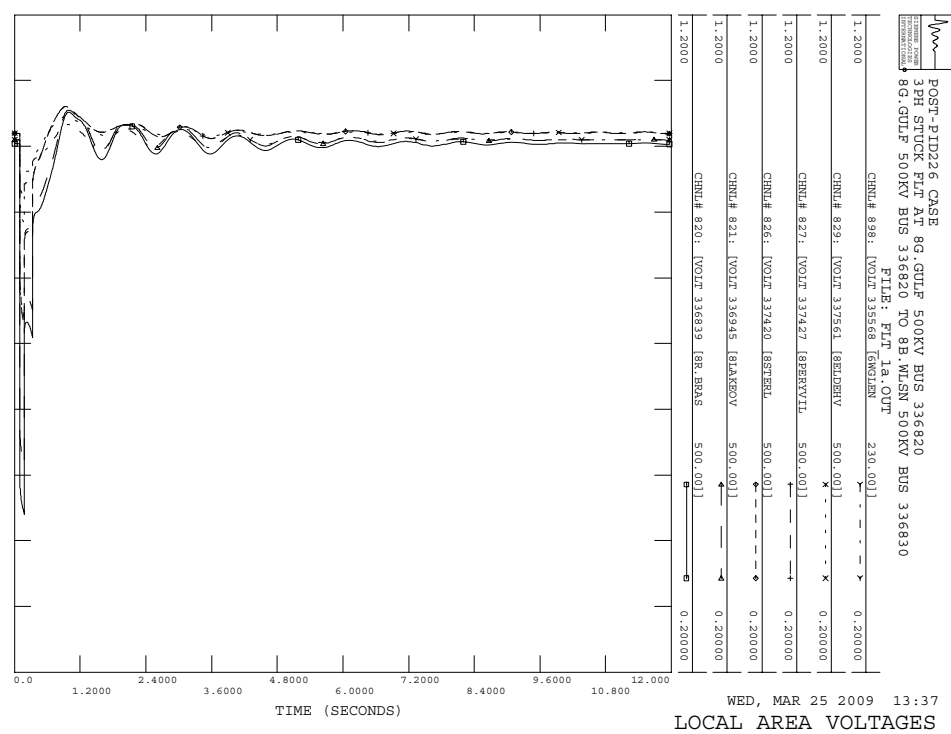
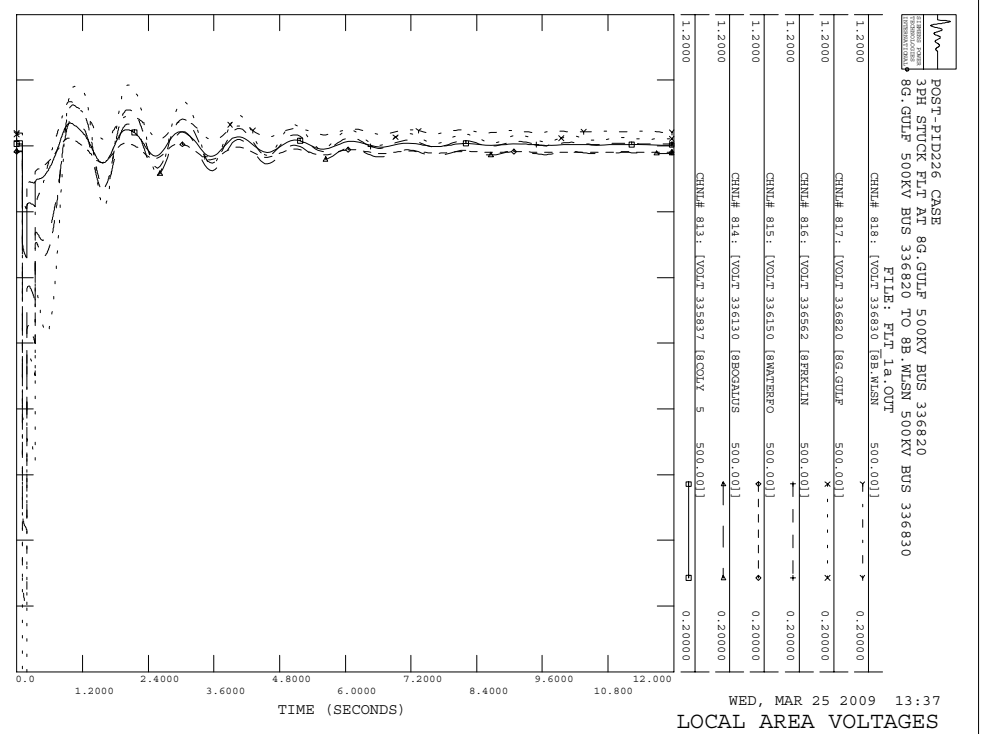
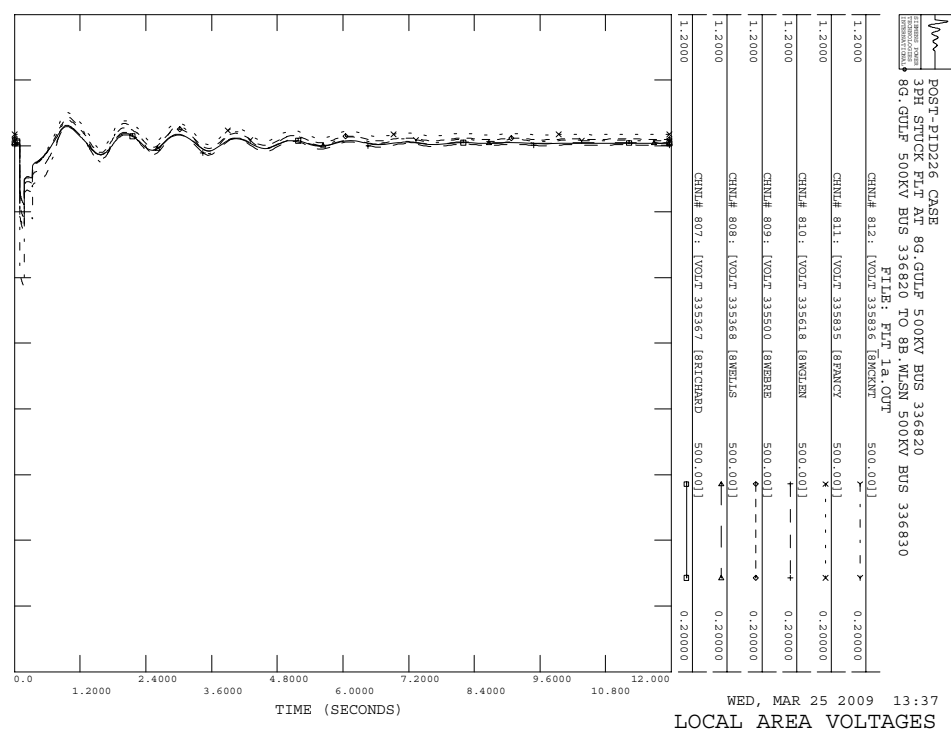


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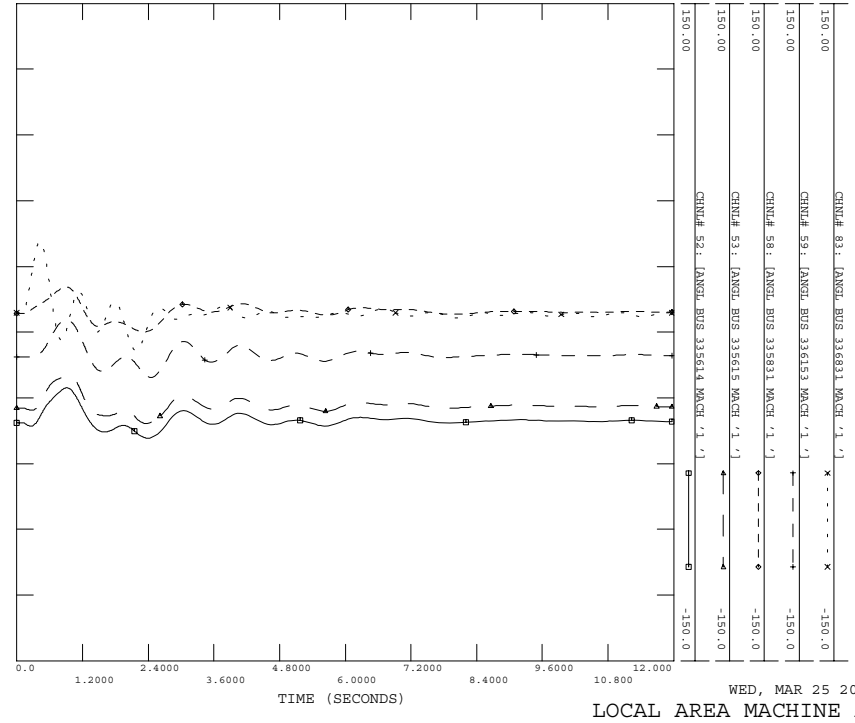
C.16 FLT_1a

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

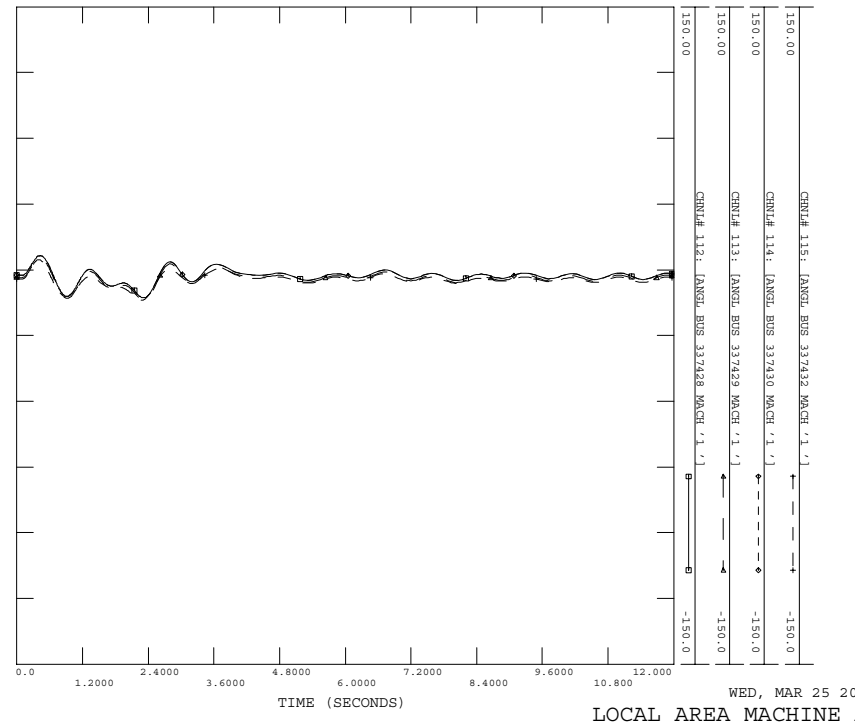
- a) Apply 3 Phase Fault AT 8G.GULF 500KV BUS 336820
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8G.GULF 500KV BUS 336820
- d) Apply 3 Phase fault at #336820 with admittance $640.02 -j 8505.34$ MVA
- e) Clear fault after 9 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS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



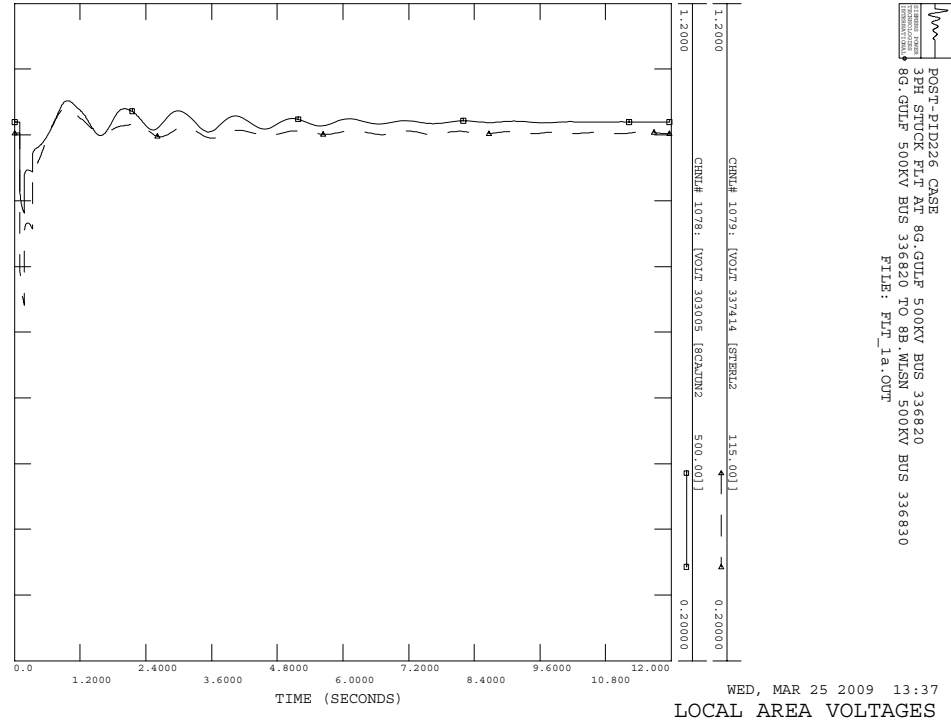
POST-PTD226 CASE
 3PH STUCK FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_1a.OUT



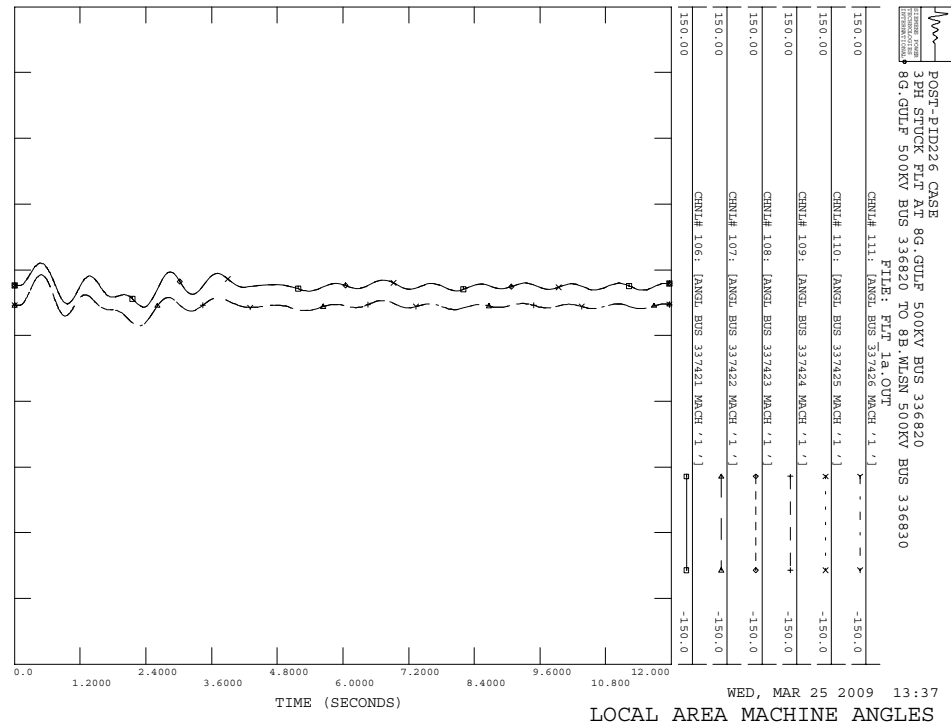
POST-PTD226 CASE
 3PH STUCK FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_1a.OUT



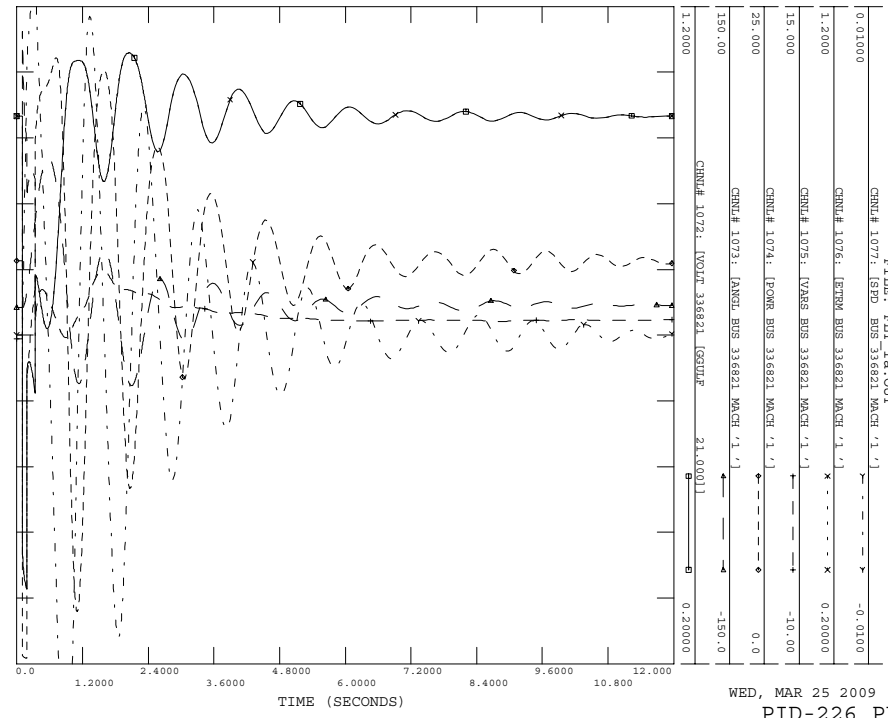
POST-PTD226 CASE
 3PH STUCK FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_1a.OUT



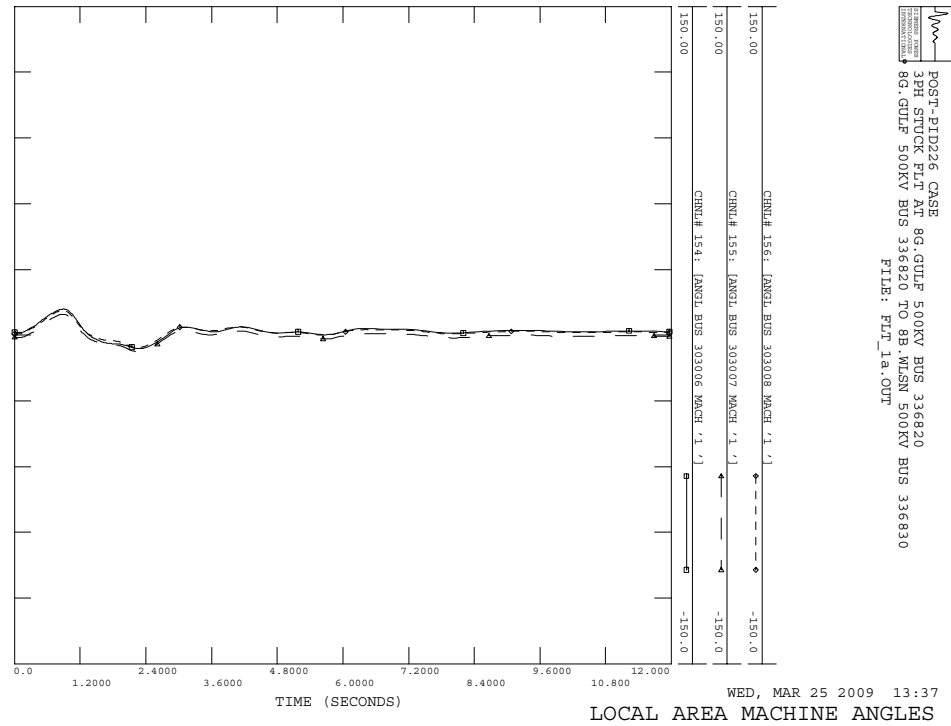
POST-PTD226 CASE
 3PH STUCK FLT AT 8G.GULF 500KV BUS 336820
 8G.GULF 500KV BUS 336820 TO 8B.WLSN 500KV BUS 336830
 FILE: FLT_1a.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8G,GULF 500KV BUS 336820
 8G,GULF 500KV BUS 336820 TO 8B,WLSN 500KV BUS 336830
 FILE: FLT_1A.OUT



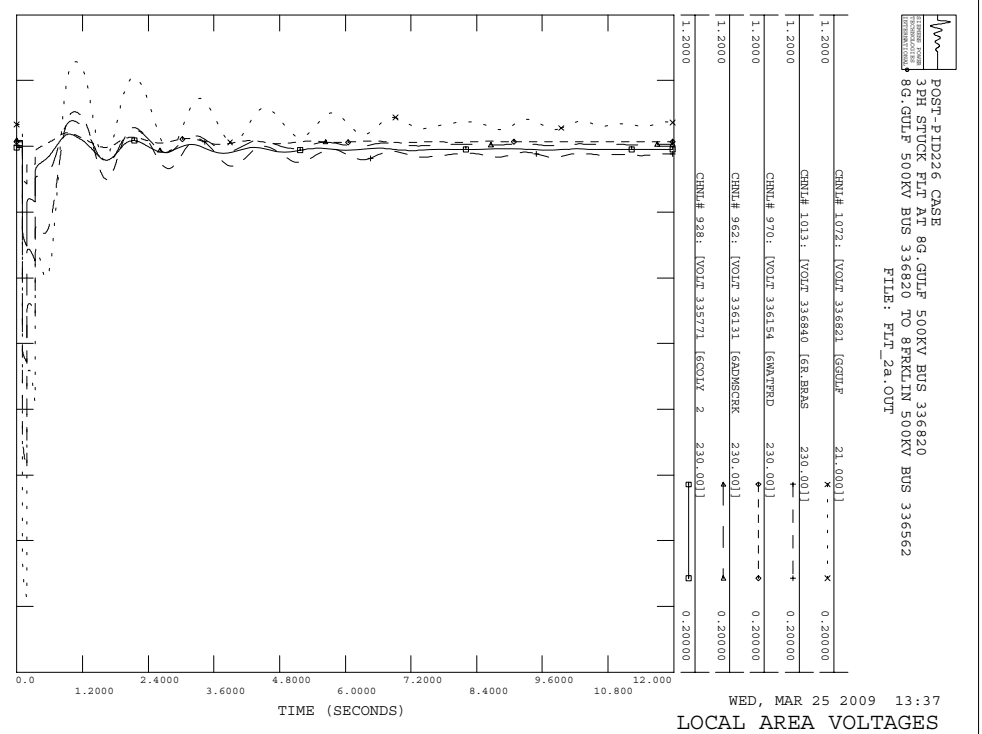
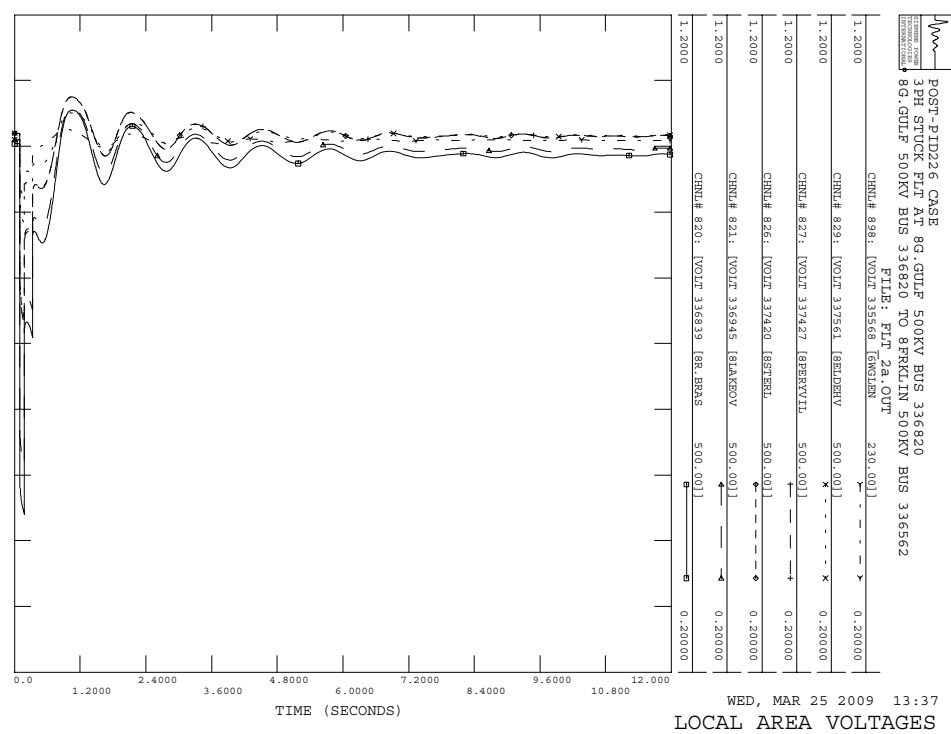
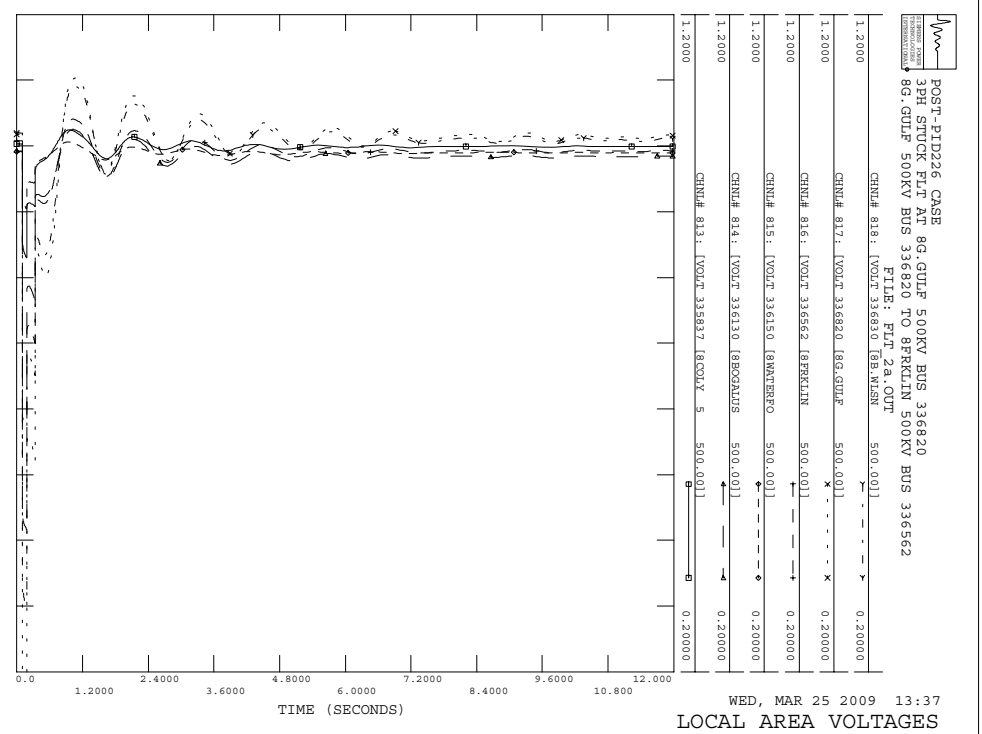
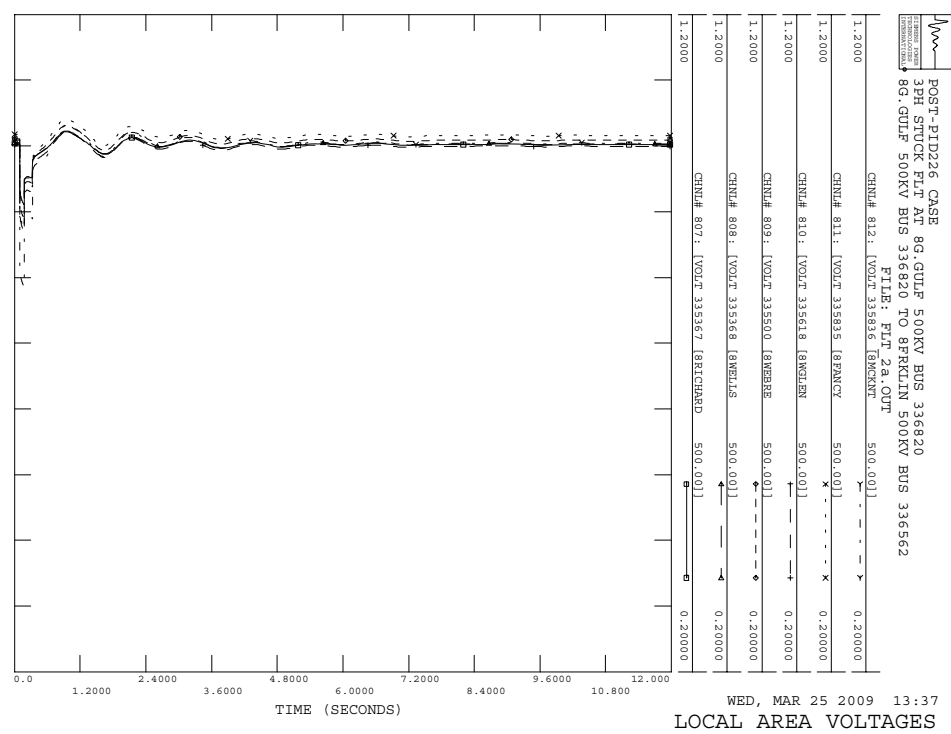
POST-PID226 CASE
 3PH STUCK FLT AT 8G,GULF 500KV BUS 336820
 8G,GULF 500KV BUS 336820 TO 8B,WLSN 500KV BUS 336830
 FILE: FLT_1A.OUT

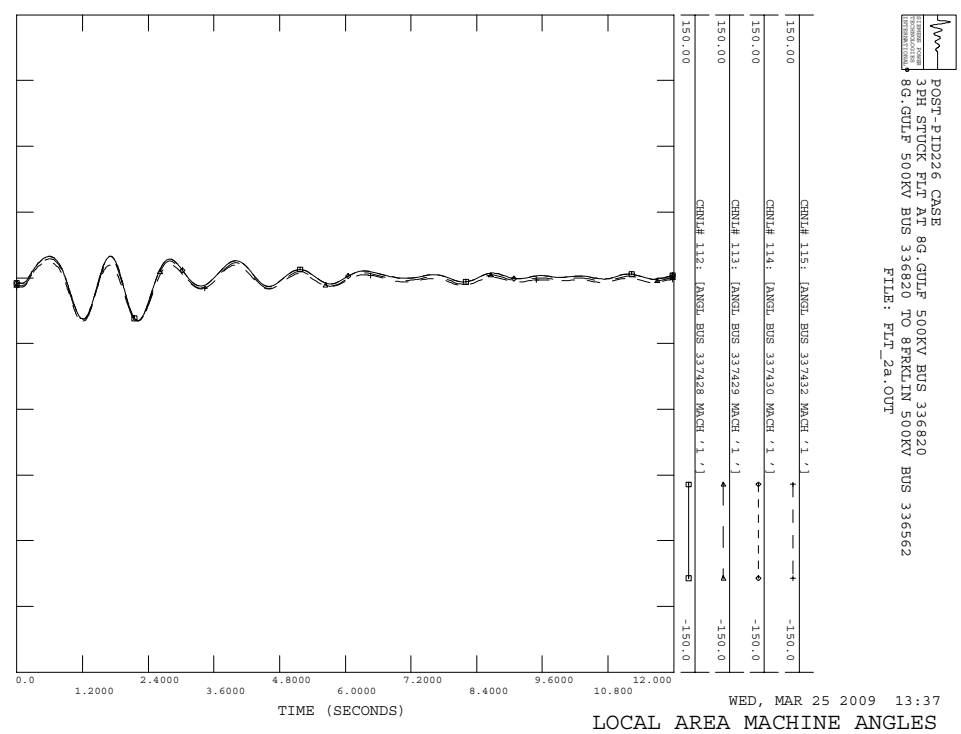
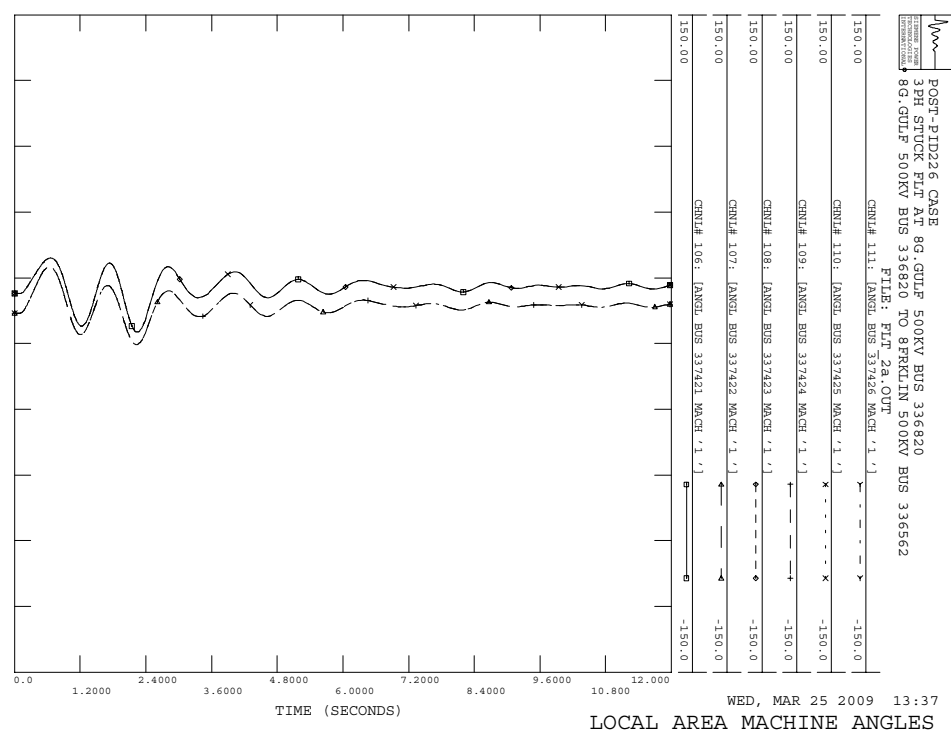
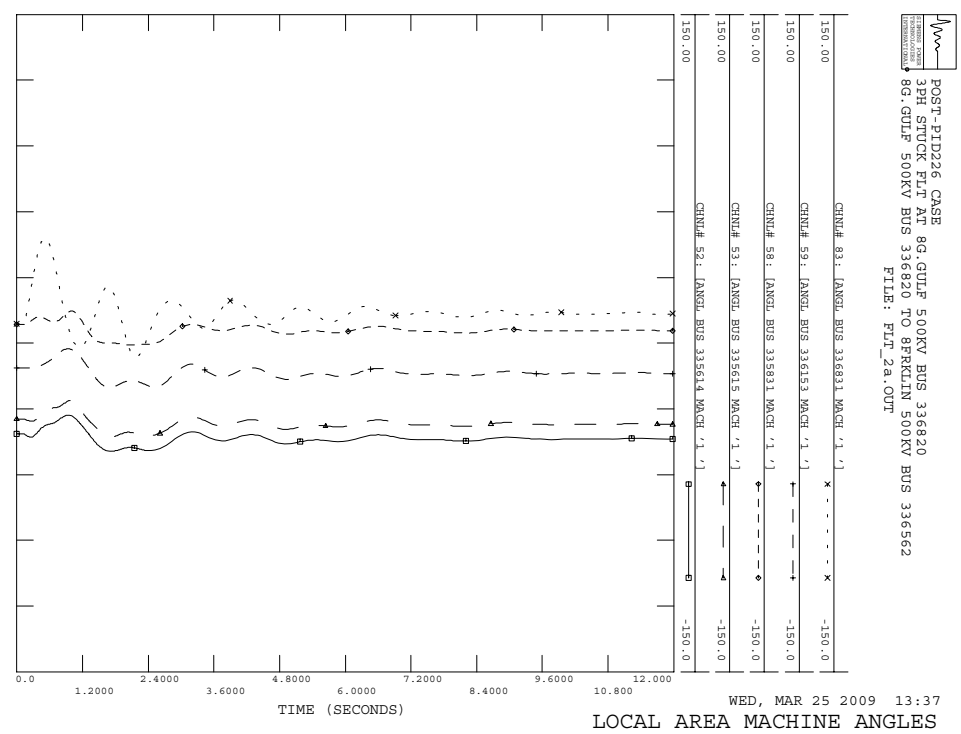
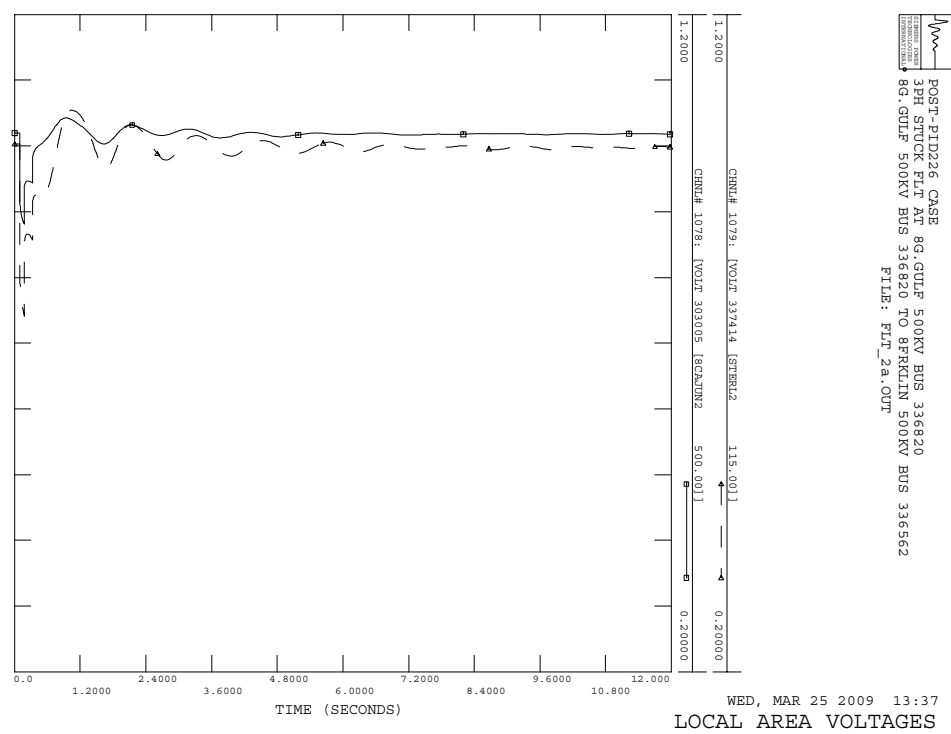


C.17 FLT_2a

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

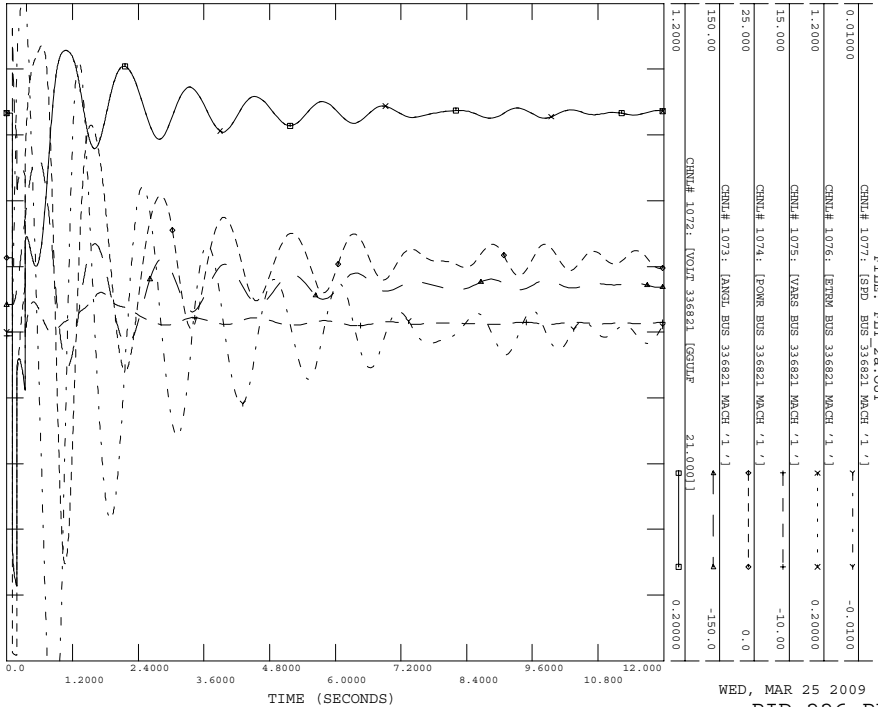
- a) Apply 3 Phase Fault AT 8G.GULF 500KV BUS 336820
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8G.GULF 500KV BUS 336820
- d) Apply 3 Phase fault at #336820 with admittance $640.02 -j 8505.34$ MVA
- e) Clear fault after 9 cycles by tripping line from 8G.GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS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







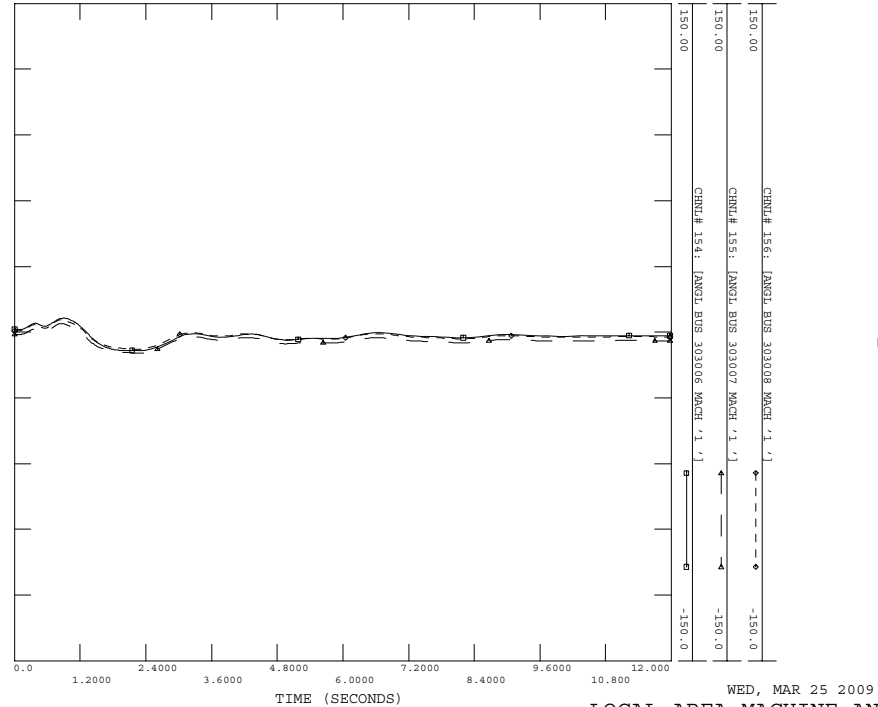
POST-PID226 CASE
 3PH STUCK FLT AT 8G,GULF 500KV BUS 336820
 8G,GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_28.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8G,GULF 500KV BUS 336820
 8G,GULF 500KV BUS 336820 TO 8FRKLIN 500KV BUS 336562
 FILE: FLT_28.OUT

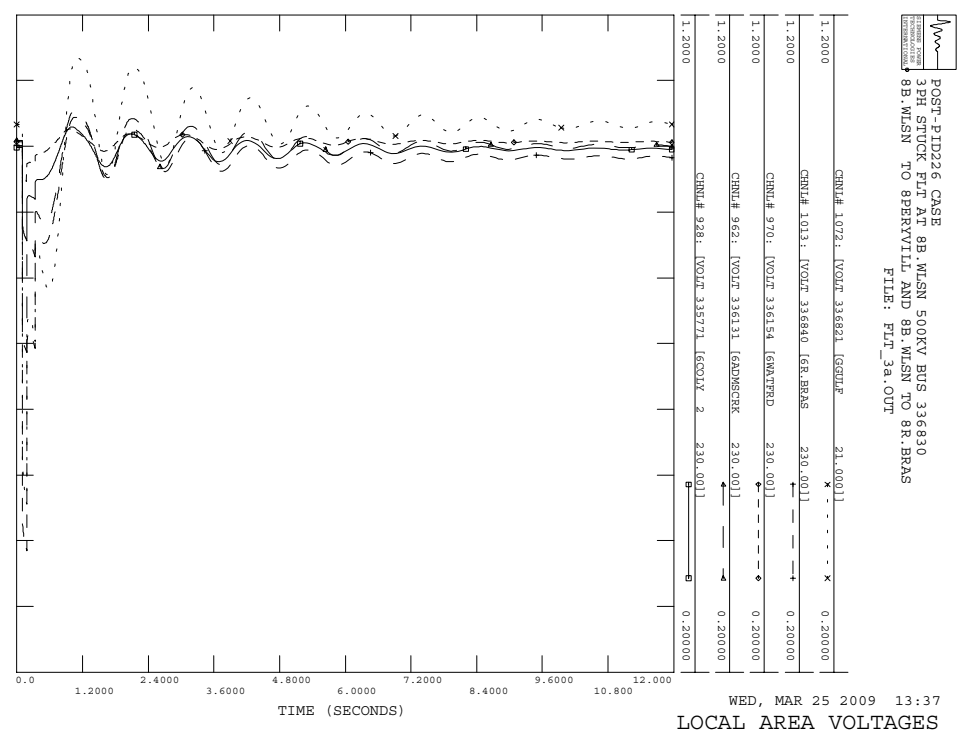
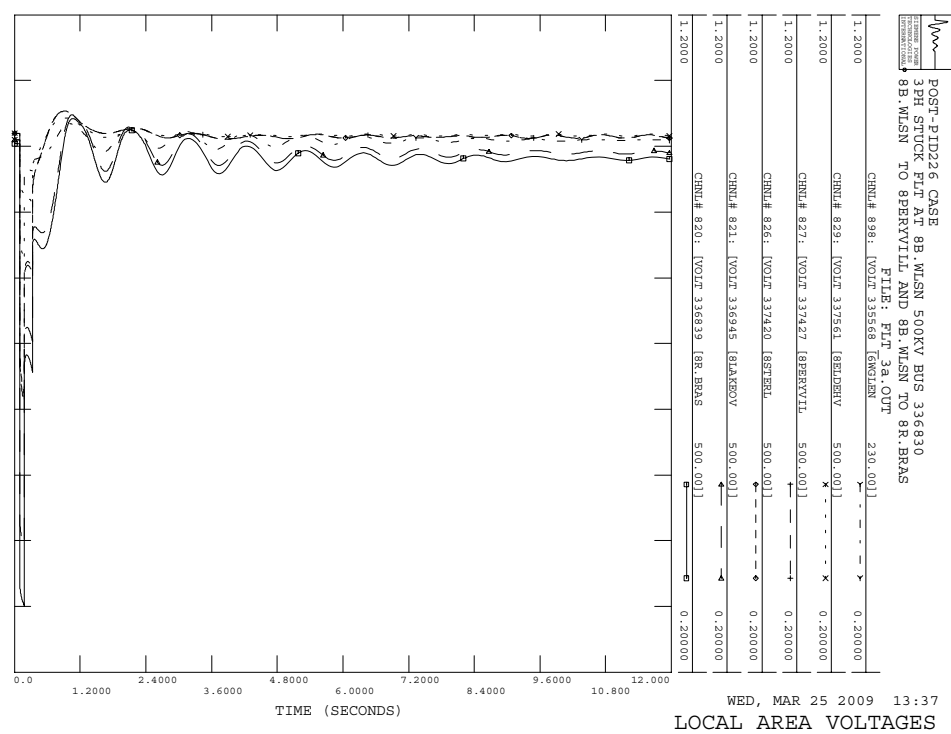
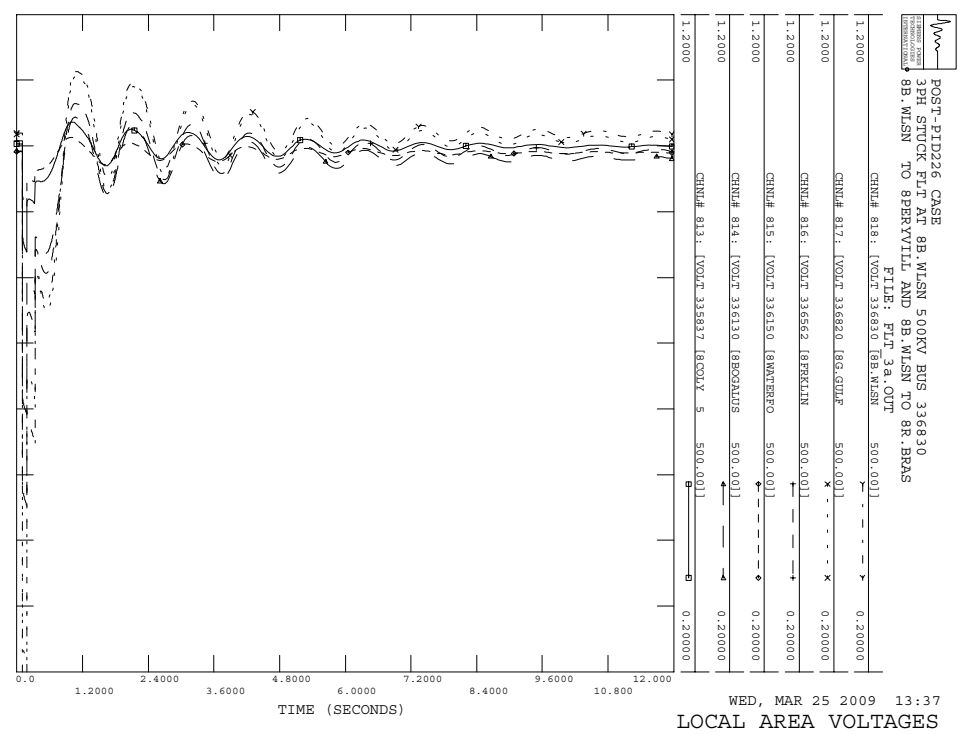
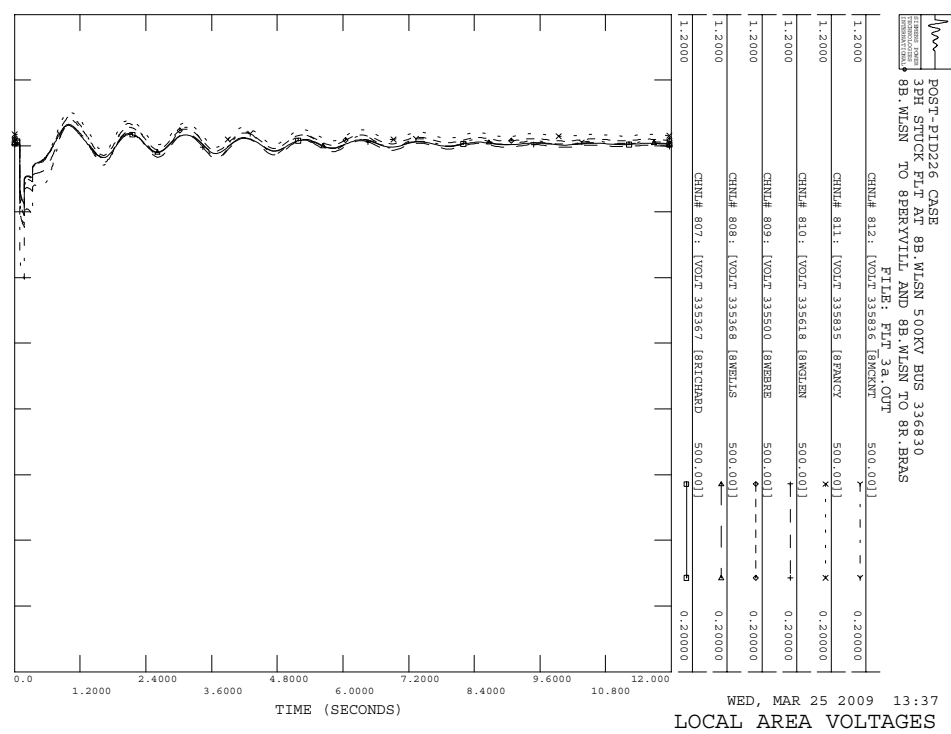


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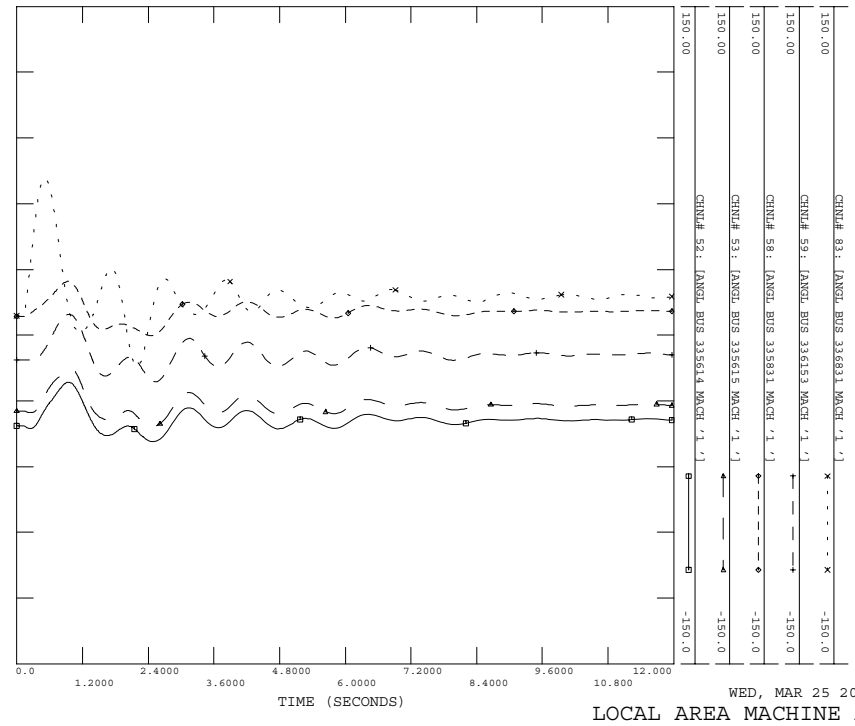
C.18 FLT_3a

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

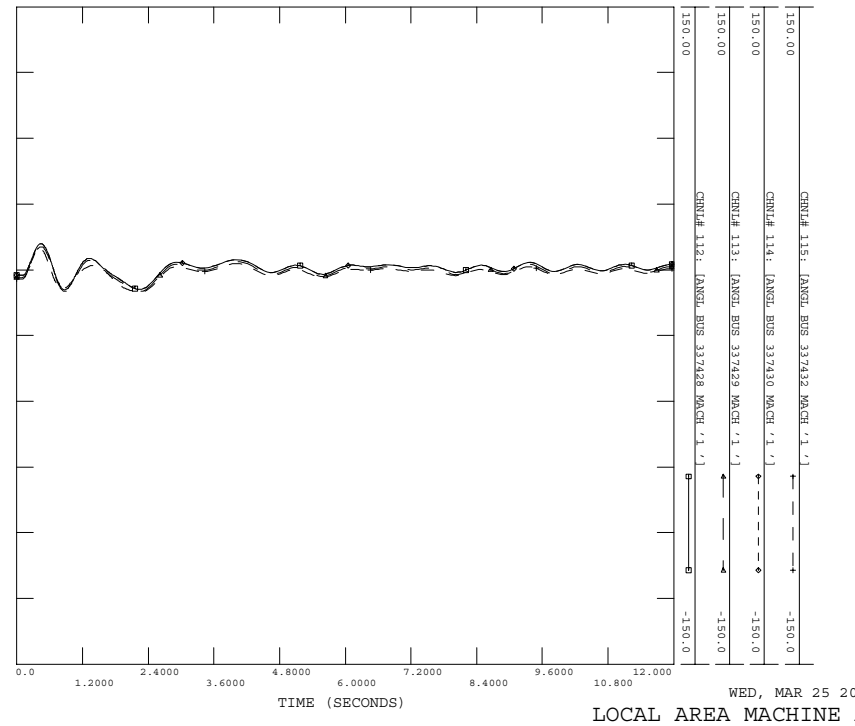
- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping line from 8B.WLSN TO PERYVILL AND 8B.WLSN TO 8R.BRAS"



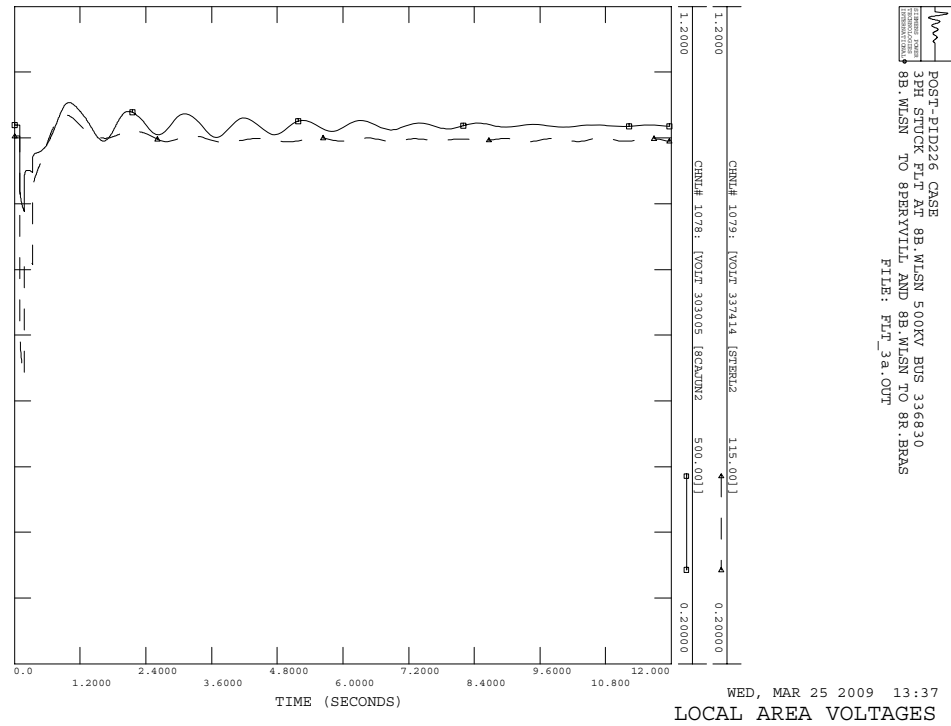
POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 8R.BRAS
 FILE: FLT_38.OUT



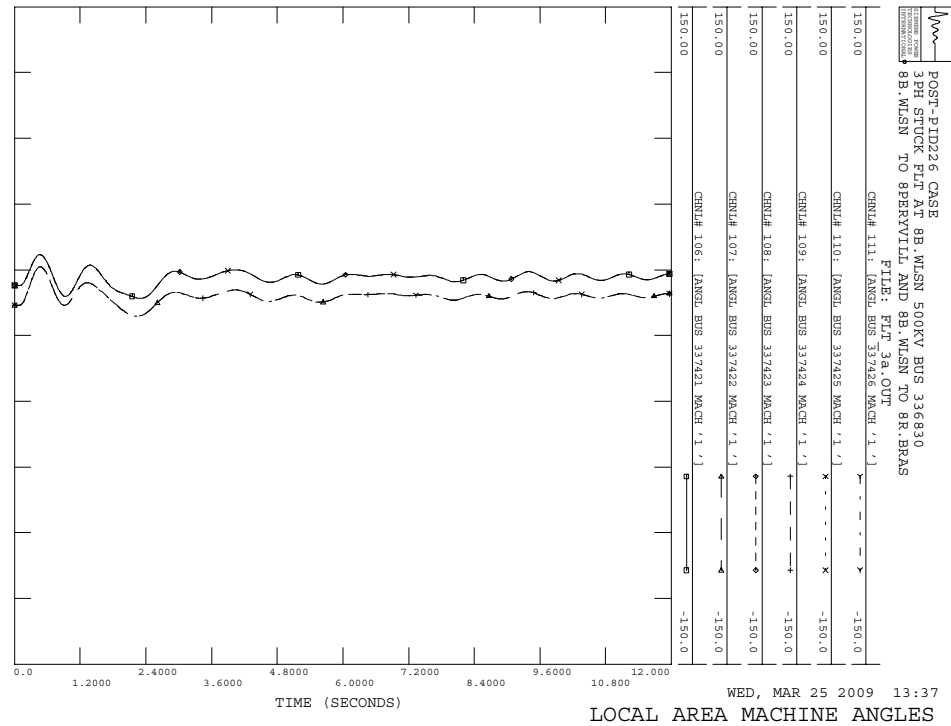
POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 8R.BRAS
 FILE: FLT_38.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 8R.BRAS
 FILE: FLT_38.OUT

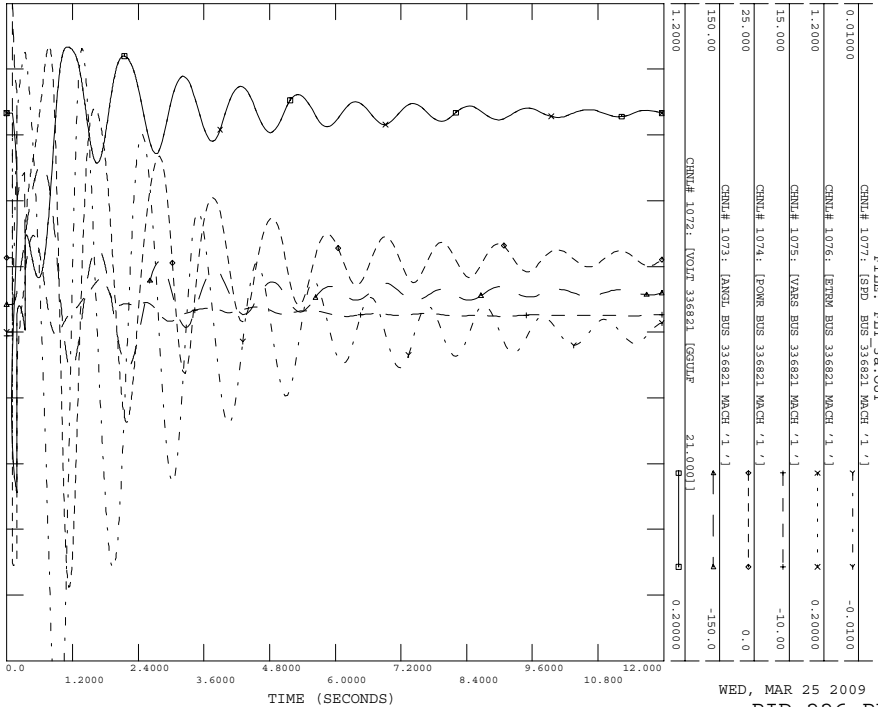


POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 8R.BRAS
 FILE: FLT_38.OUT





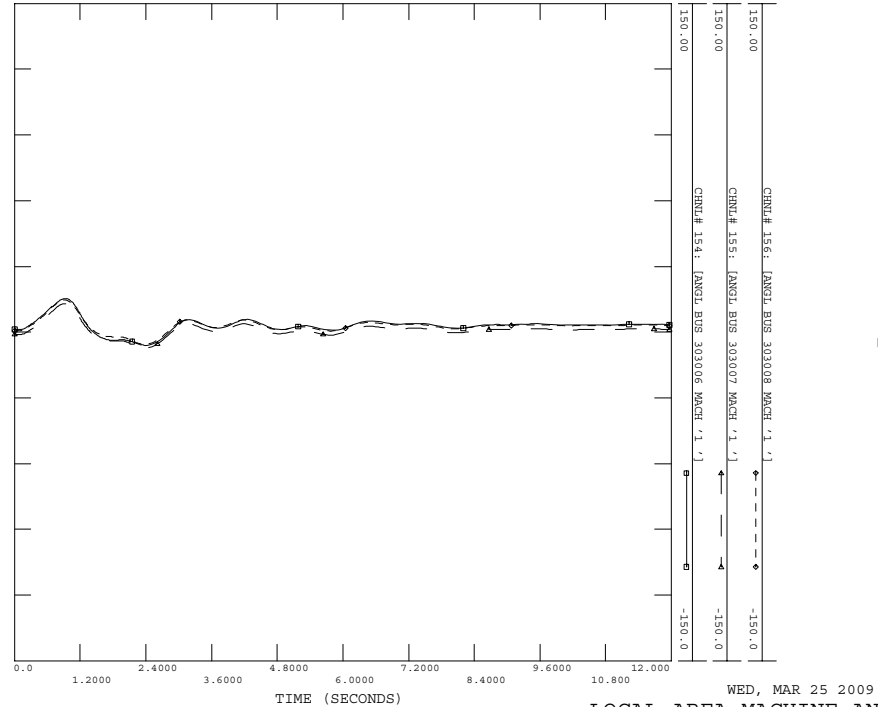
POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 8R.BRAS
 FILE: FLT_38.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 8R.BRAS
 FILE: FLT_38.OUT

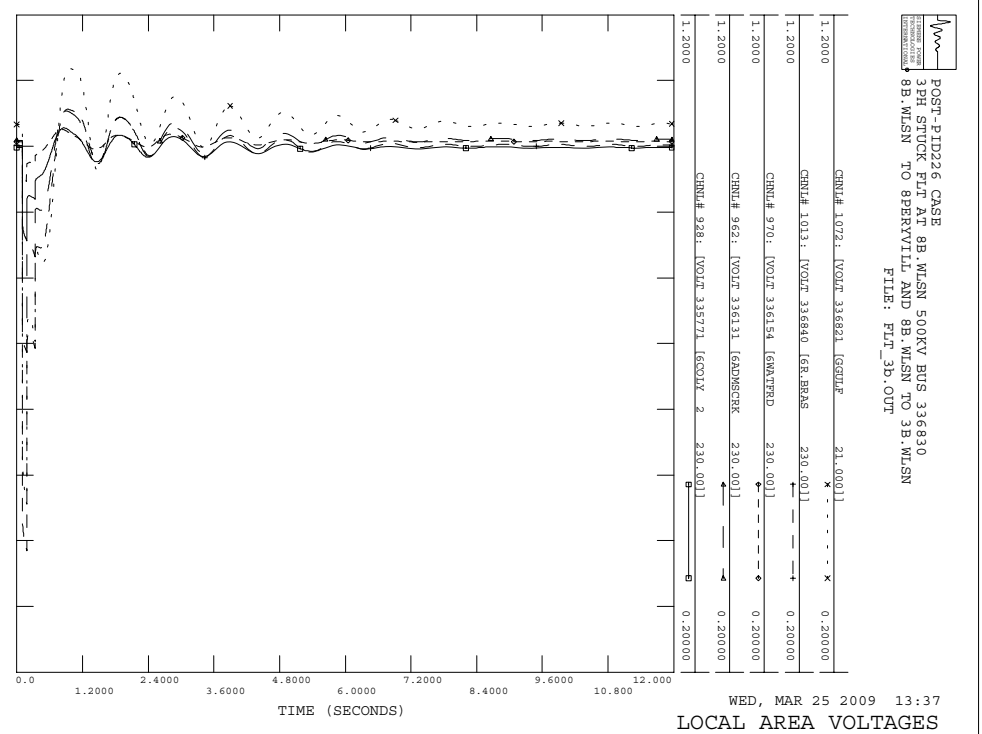
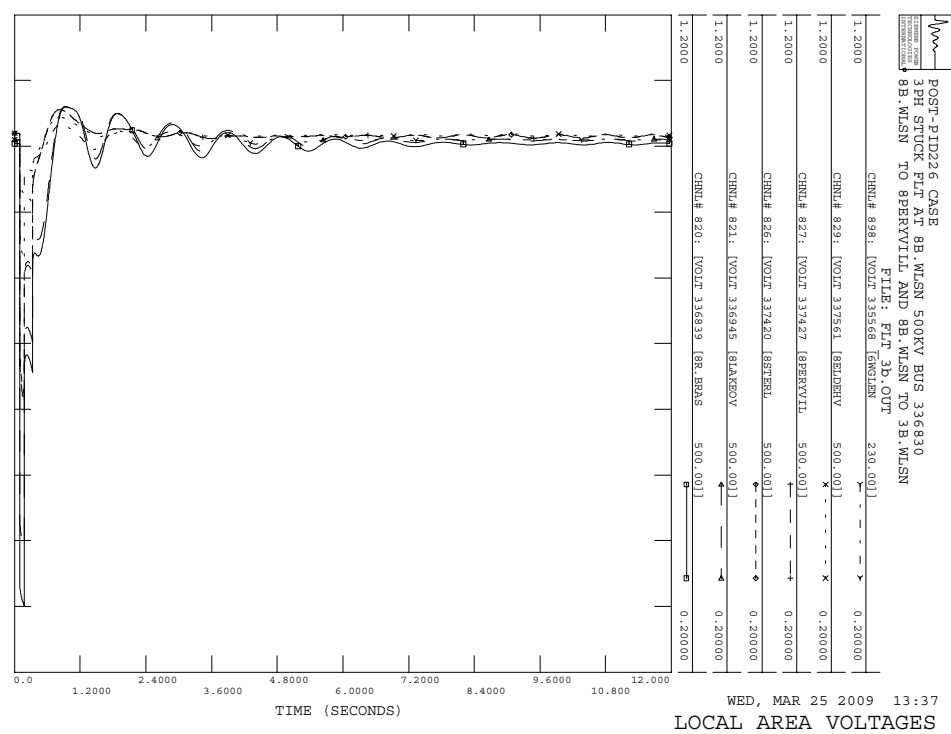
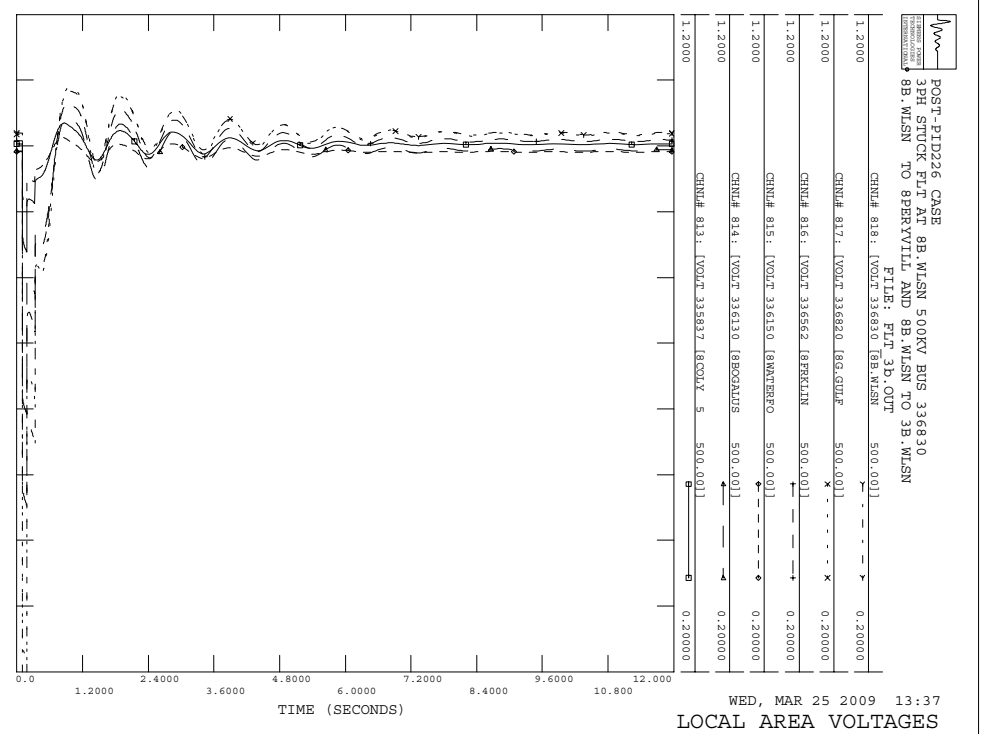
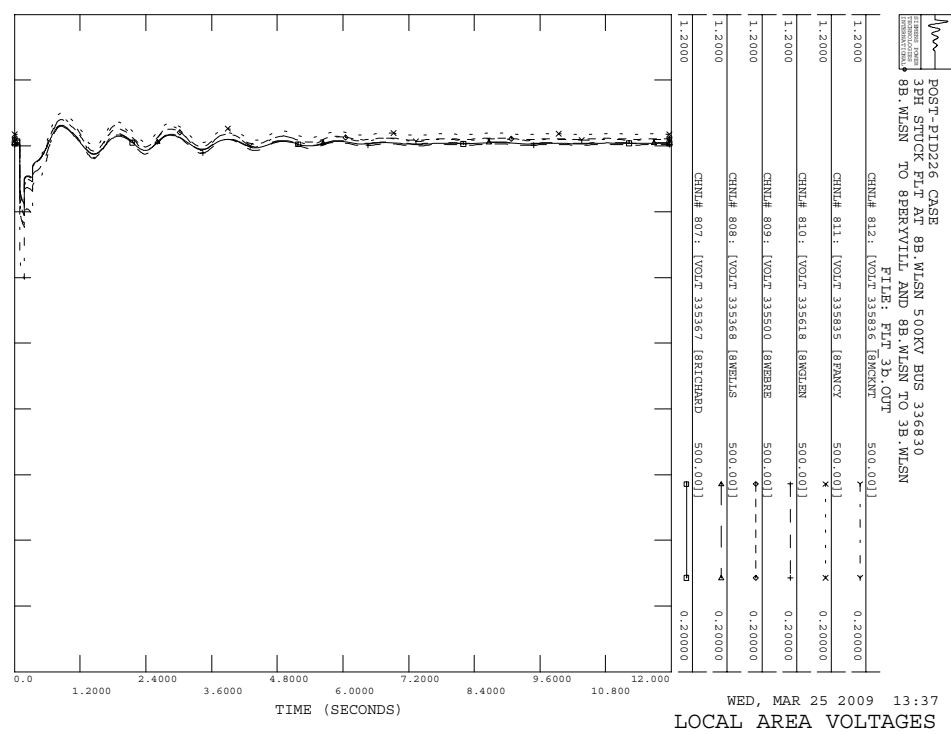


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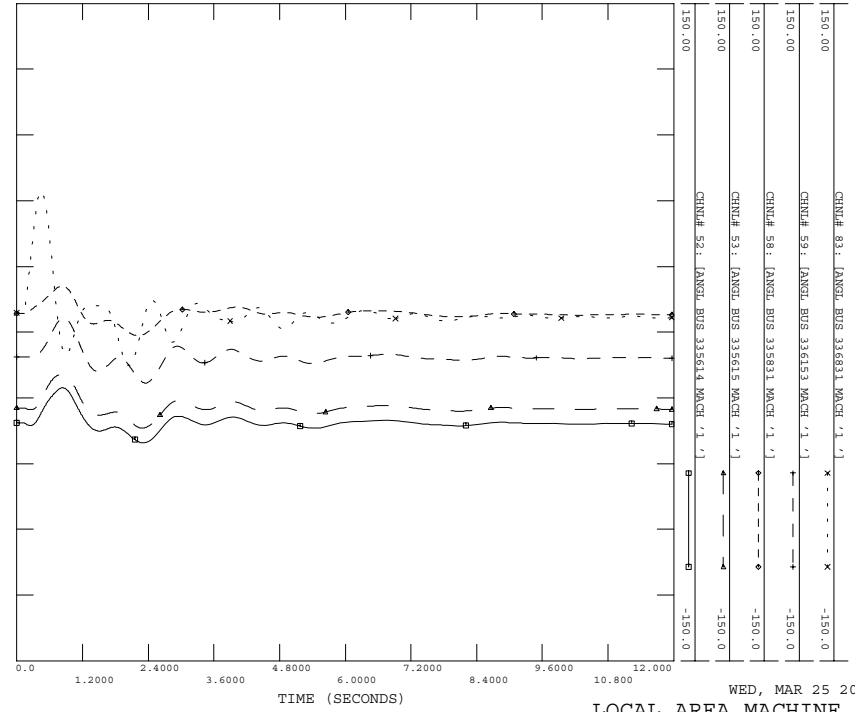
C.19 FLT_3b

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

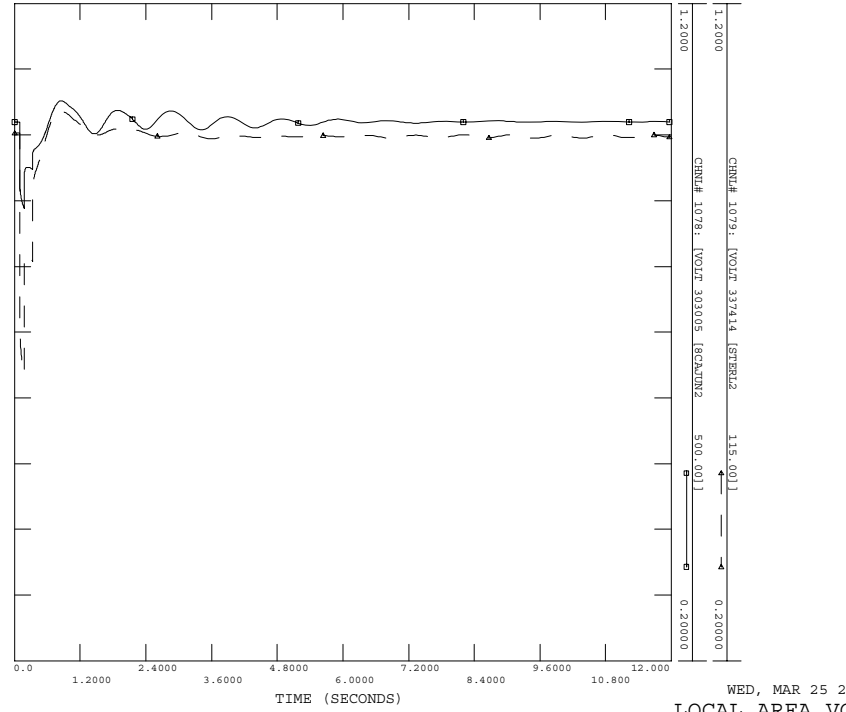
- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping line from 8B.WLSN TO 8PERYVILL AND transformer from 8B.WLSN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



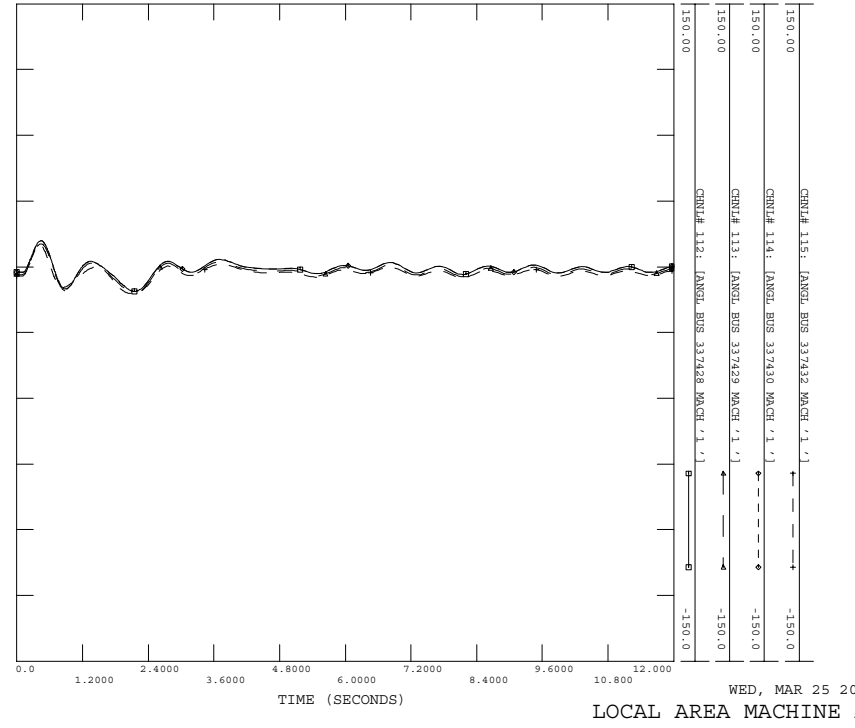
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 3B.WLSN
 FILE: FLT_3B.OUT



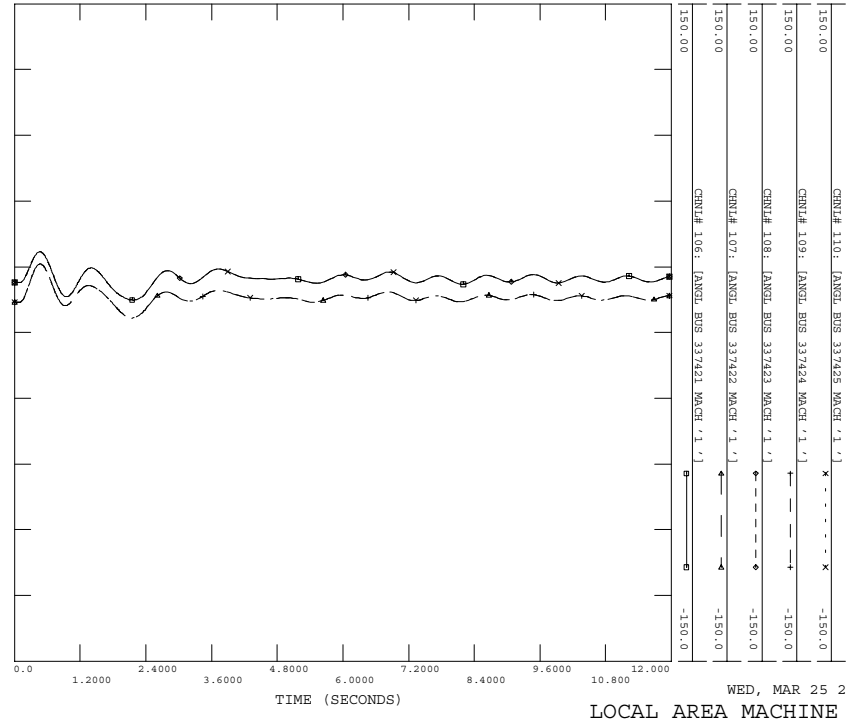
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 3B.WLSN
 FILE: FLT_3B.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 3B.WLSN
 FILE: FLT_3B.OUT

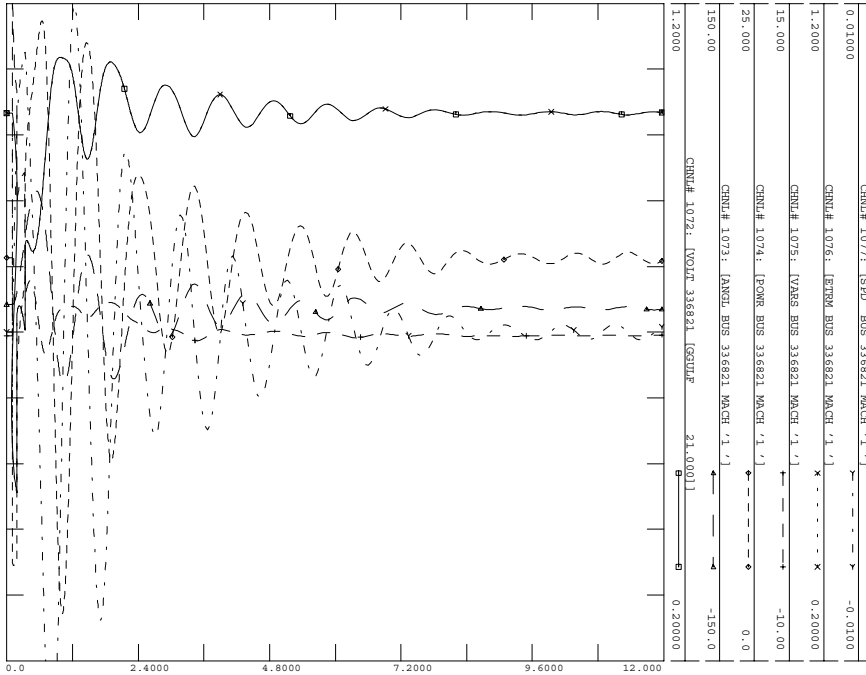


POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 3B.WLSN
 FILE: FLT_3B.OUT





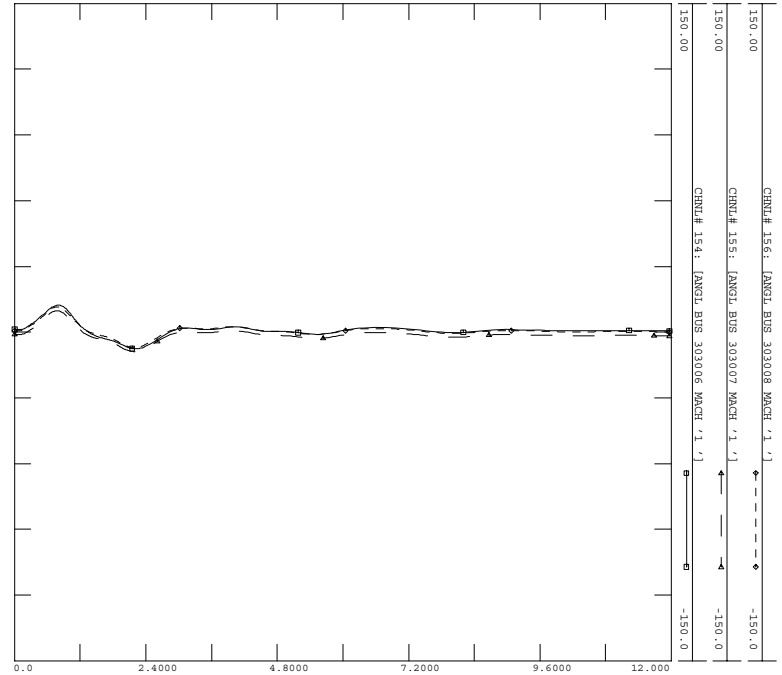
POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 3B.WLSN
 FILE: FLT_3B_OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8PERRYVILL AND 8B.WLSN TO 3B.WLSN
 FILE: FLT_3B_OUT

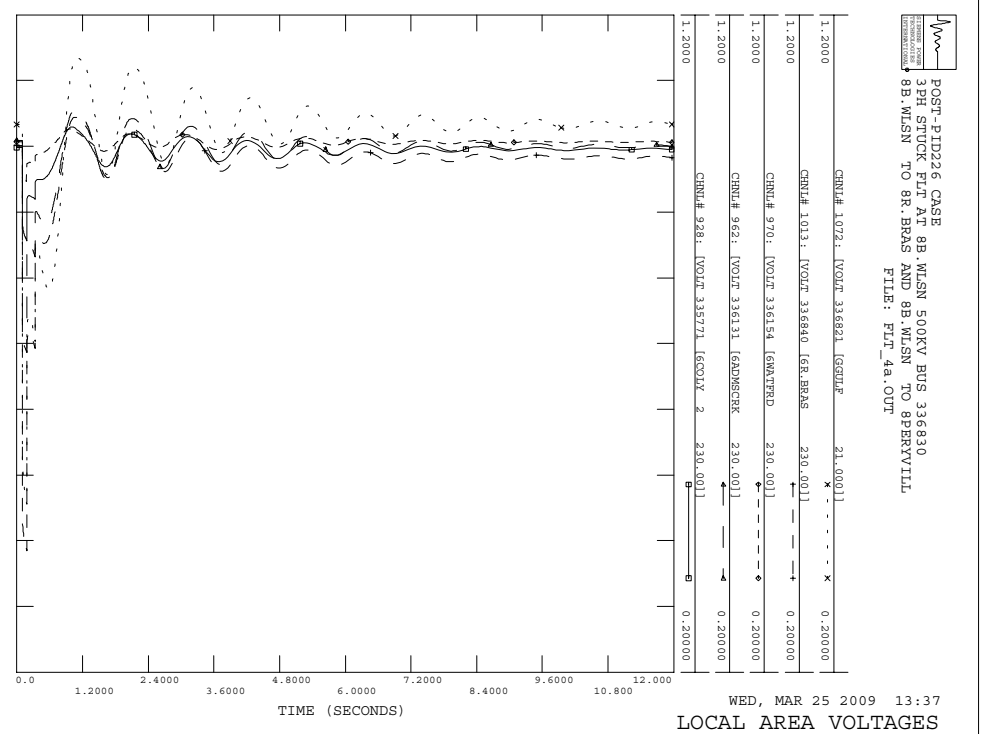
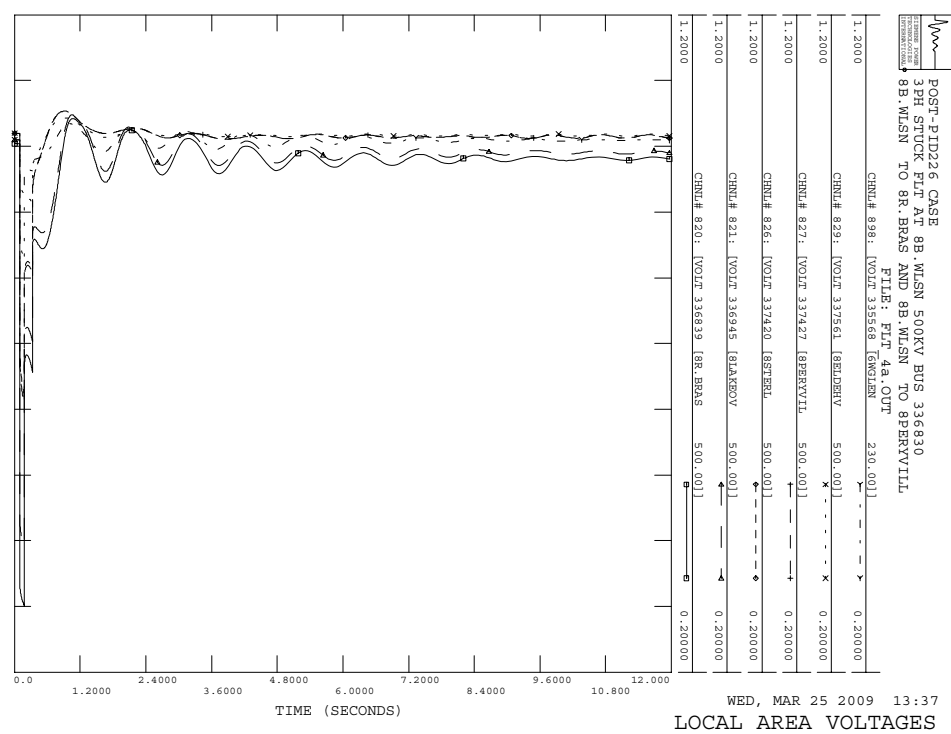
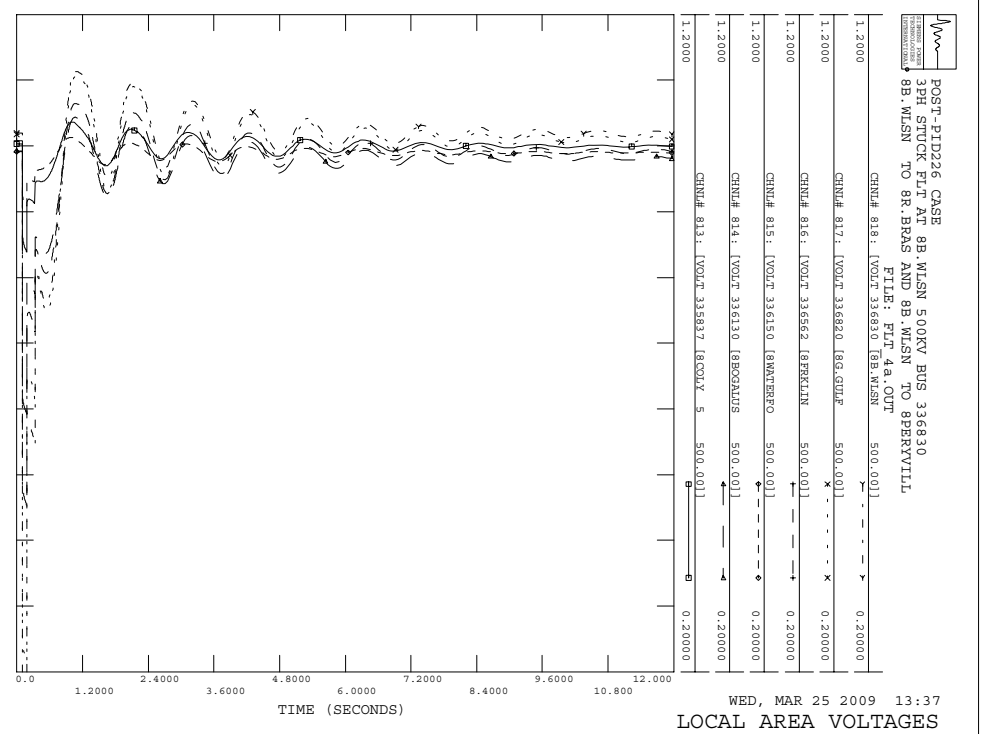
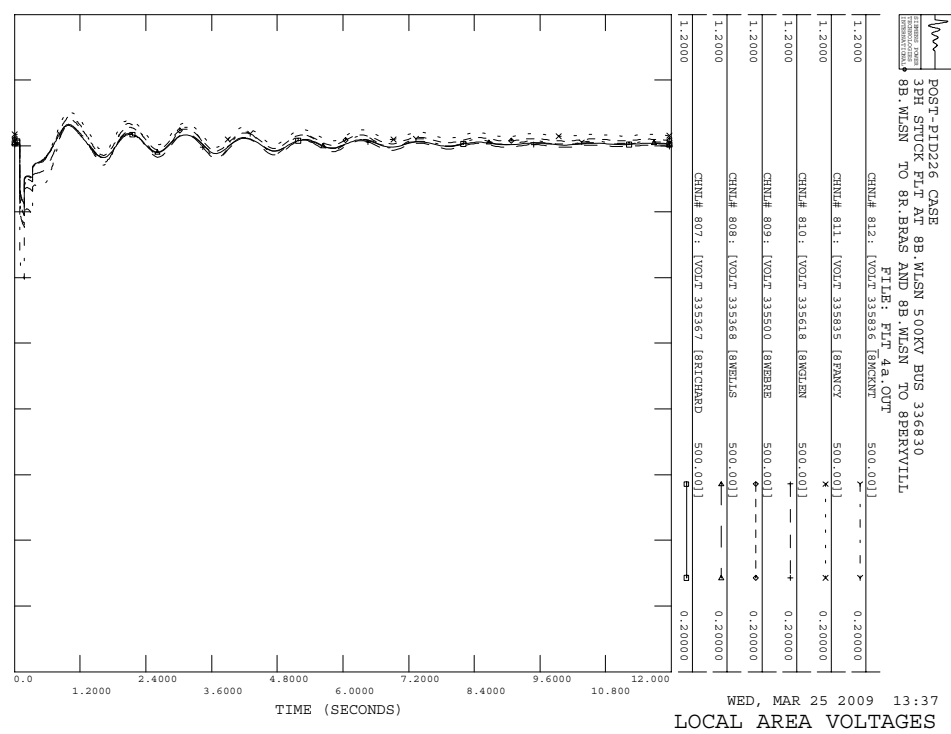


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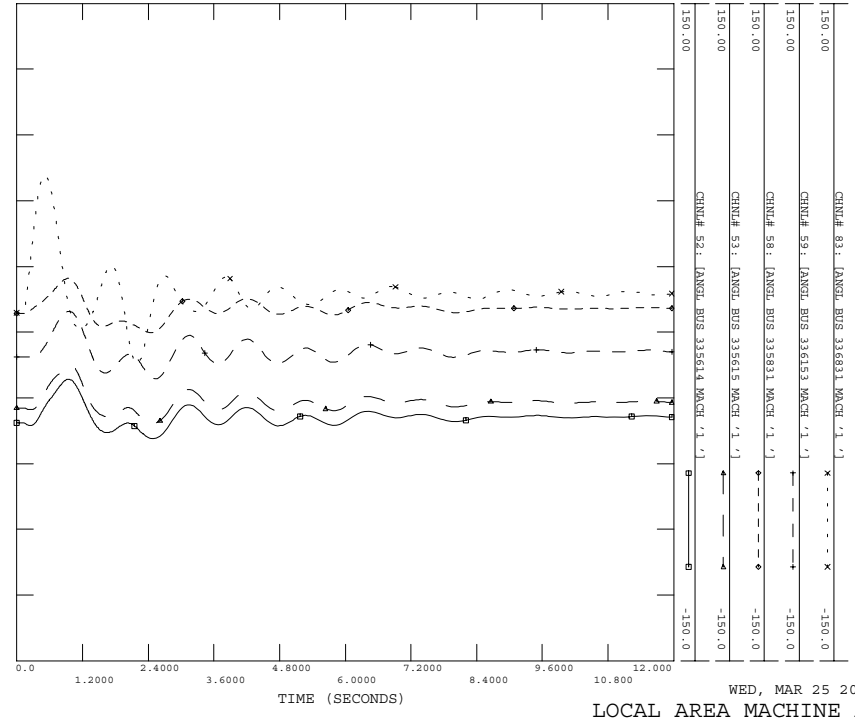
C.20 FLT_4a

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

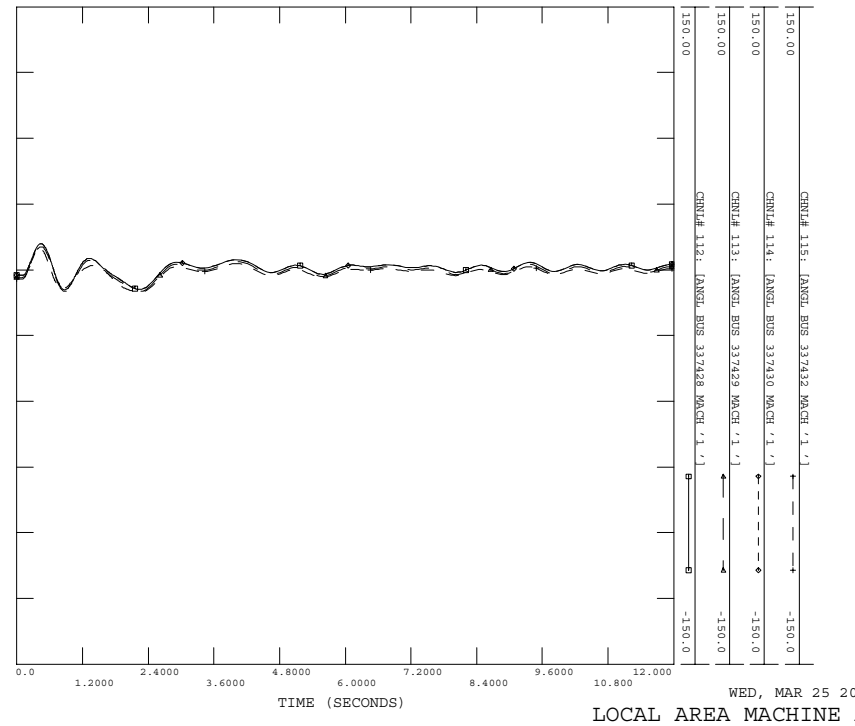
- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8B.WLSN TO 8R.BRAS AND 8B.WLSN TO 8PERYVILL



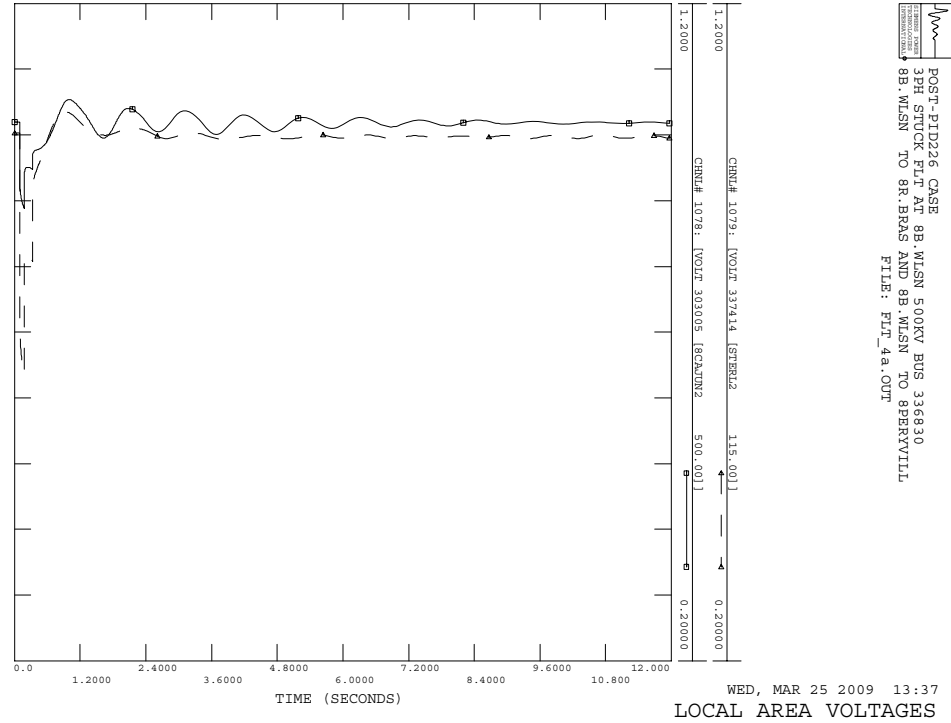
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8R.BRAS AND 8B.WLSN TO 8PERVILL
 FILE: FLT_4a.OUT



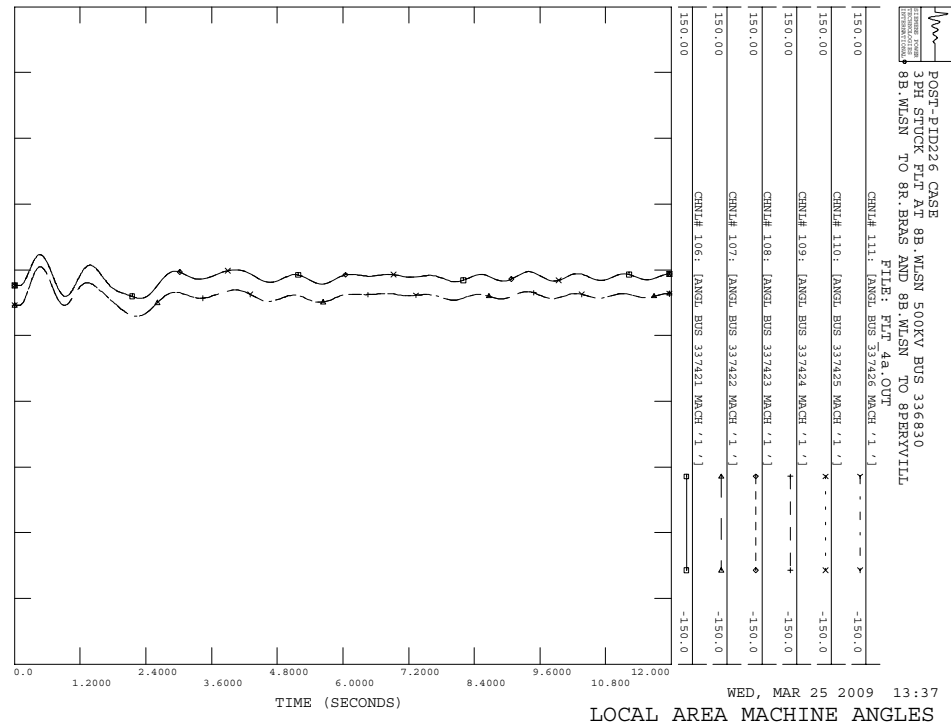
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8R.BRAS AND 8B.WLSN TO 8PERVILL
 FILE: FLT_4a.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8R.BRAS AND 8B.WLSN TO 8PERVILL
 FILE: FLT_4a.OUT

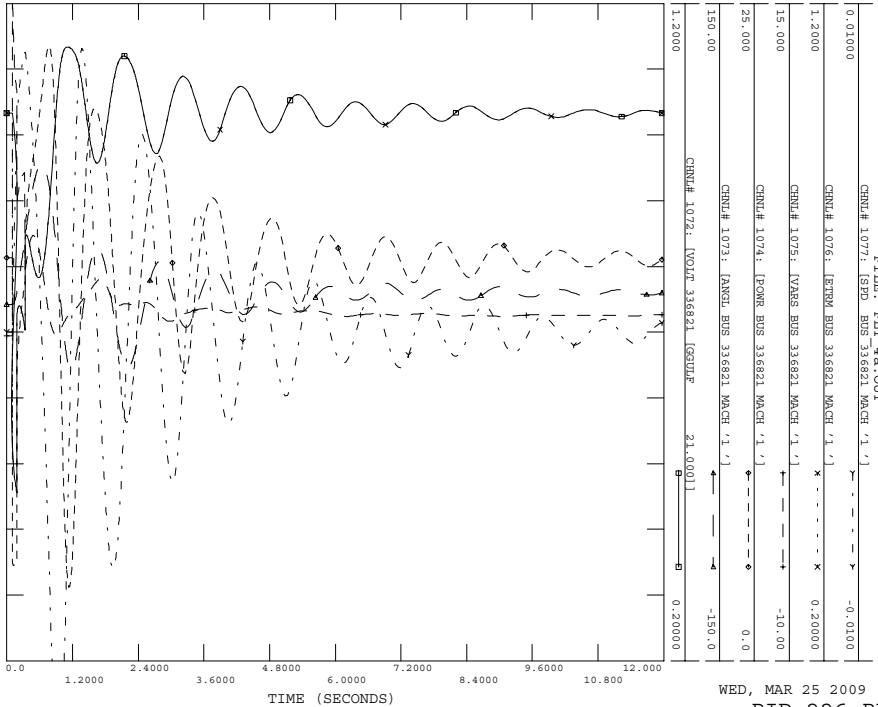


POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN TO 8R.BRAS AND 8B.WLSN TO 8PERVILL
 FILE: FLT_4a.OUT

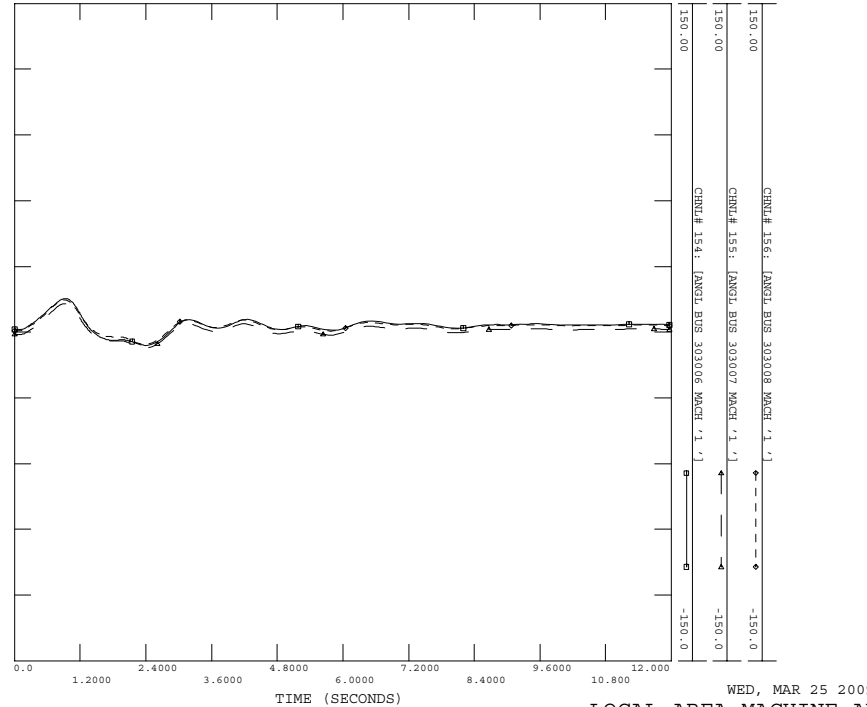




POST-PID226 CASE
 3PH STUCK FLT AT 8B:WLSN 500KV BUS 336830
 8B:WLSN TO 8R:BRAS AND 8B:WLSN TO 8PERVILL
 FILE: FLT_48.OUT



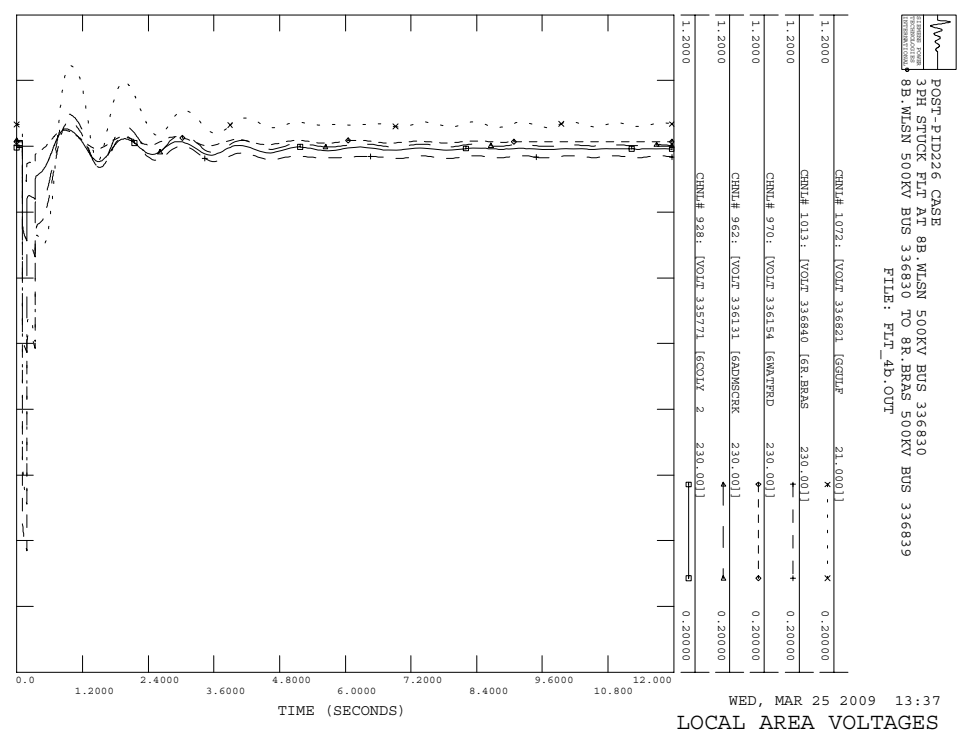
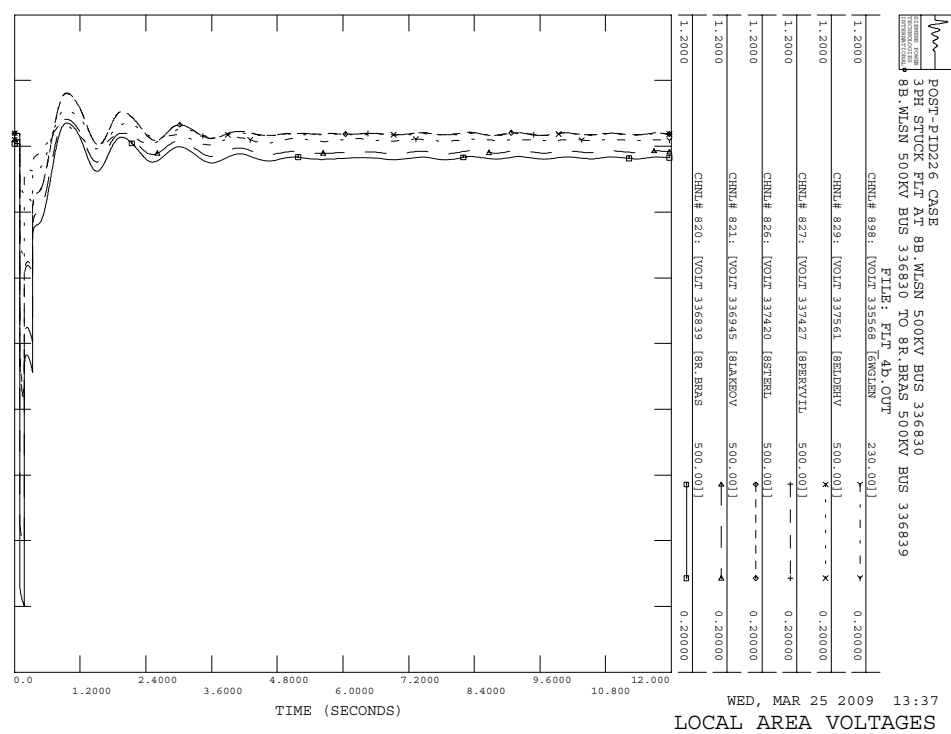
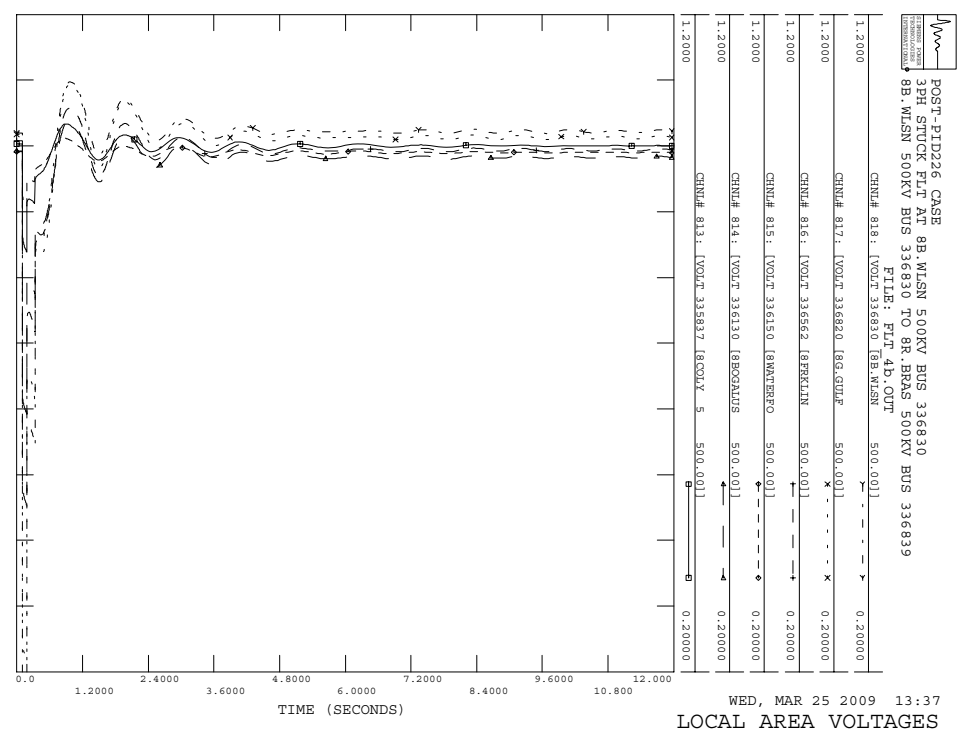
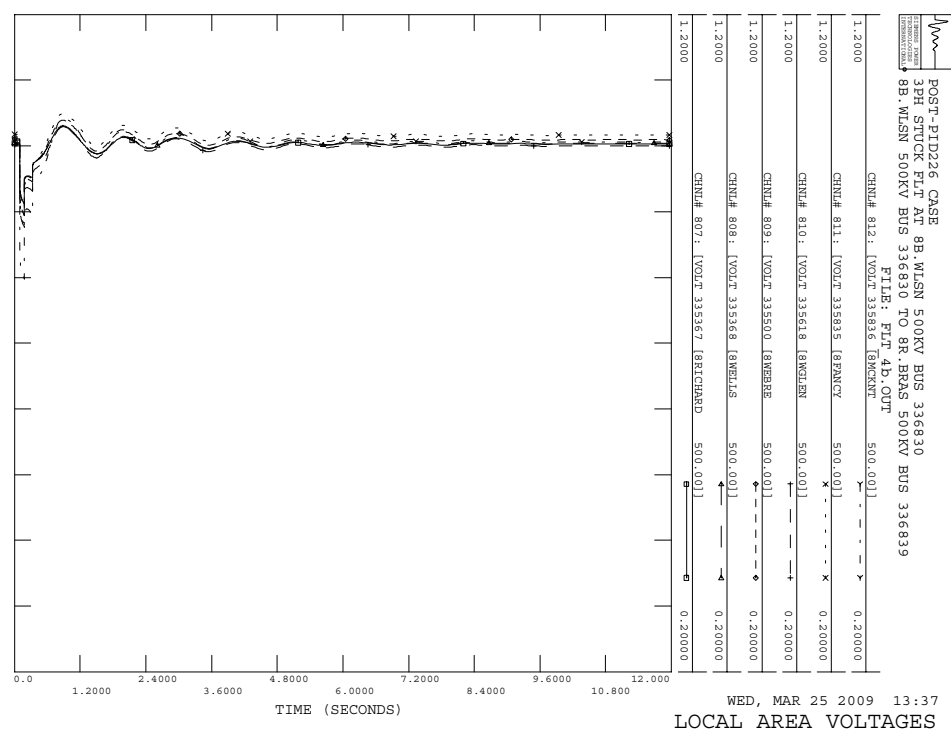
POST-PID226 CASE
 3PH STUCK FLT AT 8B:WLSN 500KV BUS 336830
 8B:WLSN TO 8R:BRAS AND 8B:WLSN TO 8PERVILL
 FILE: FLT_48.OUT



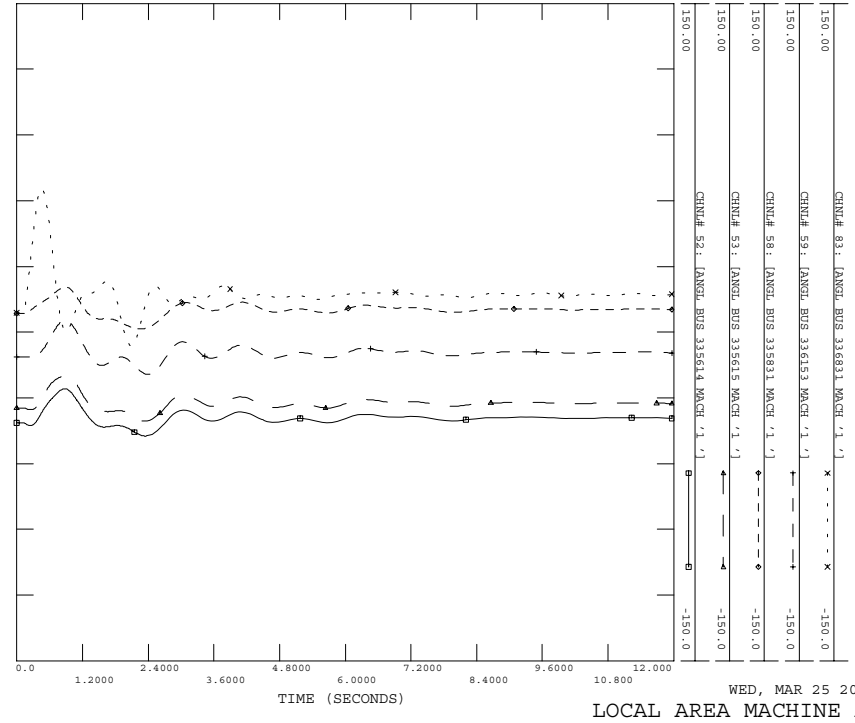
C.21 FLT_4b

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

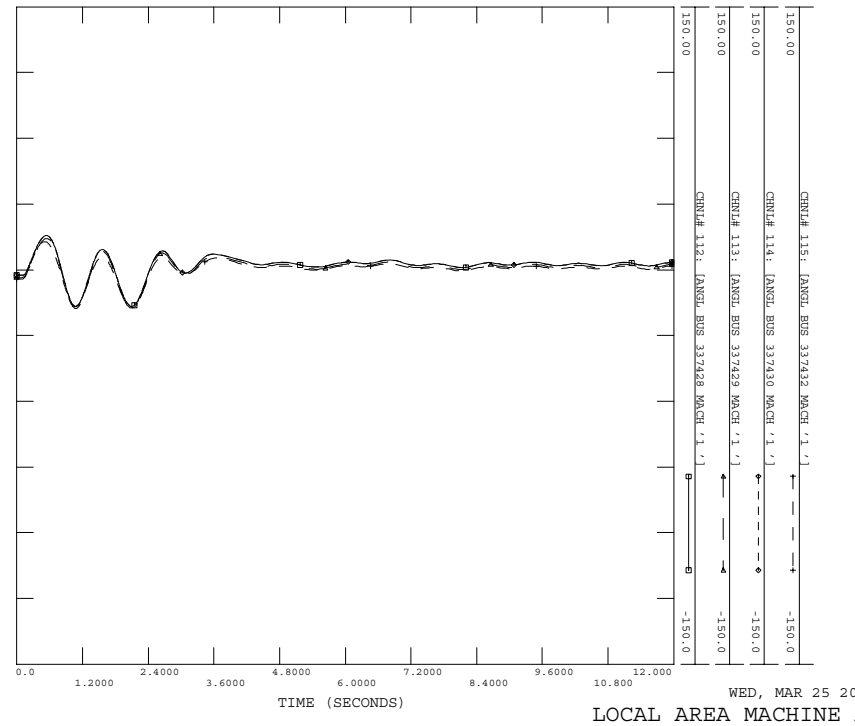
- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV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



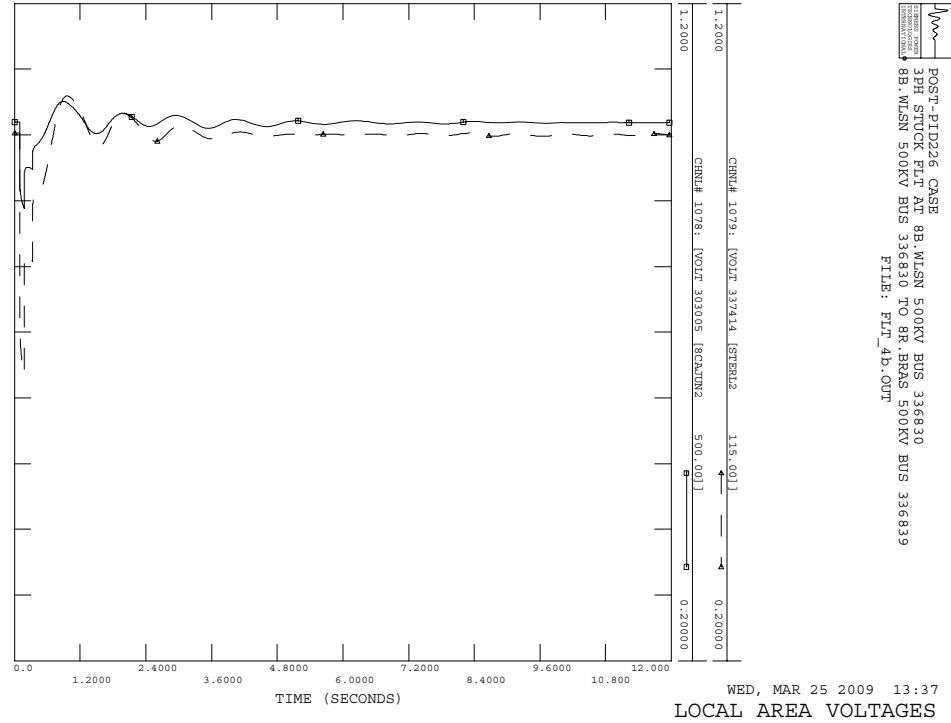
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4b.OUT



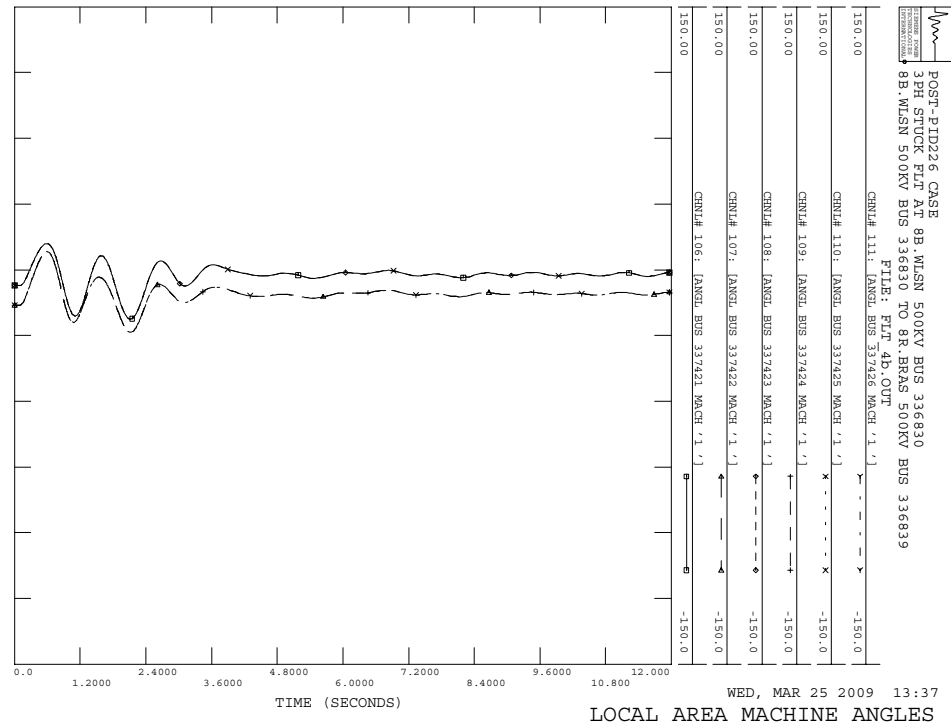
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4b.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4b.OUT

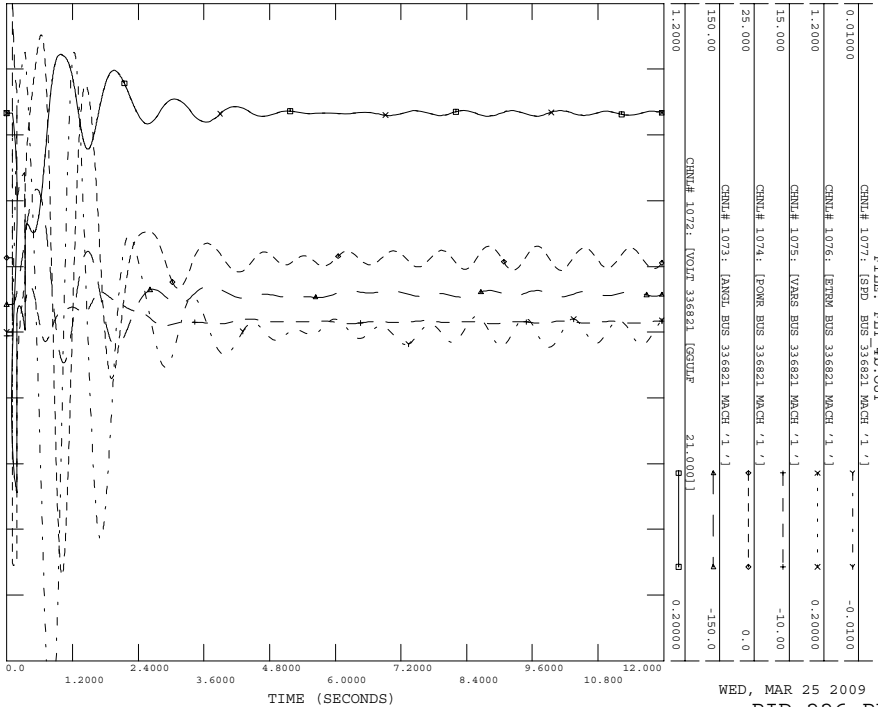


POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8R.BRAS 500KV BUS 336839
 FILE: FLT_4b.OUT





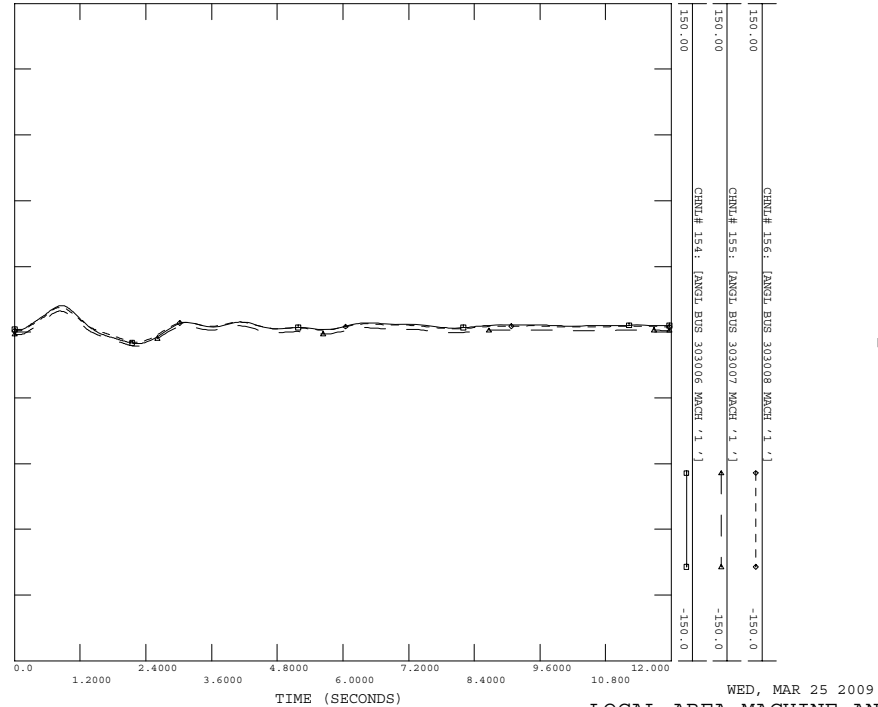
POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8B.BRAS 500KV BUS 336839
 FILE: FLT_4B.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 8B.BRAS 500KV BUS 336839
 FILE: FLT_4B.OUT

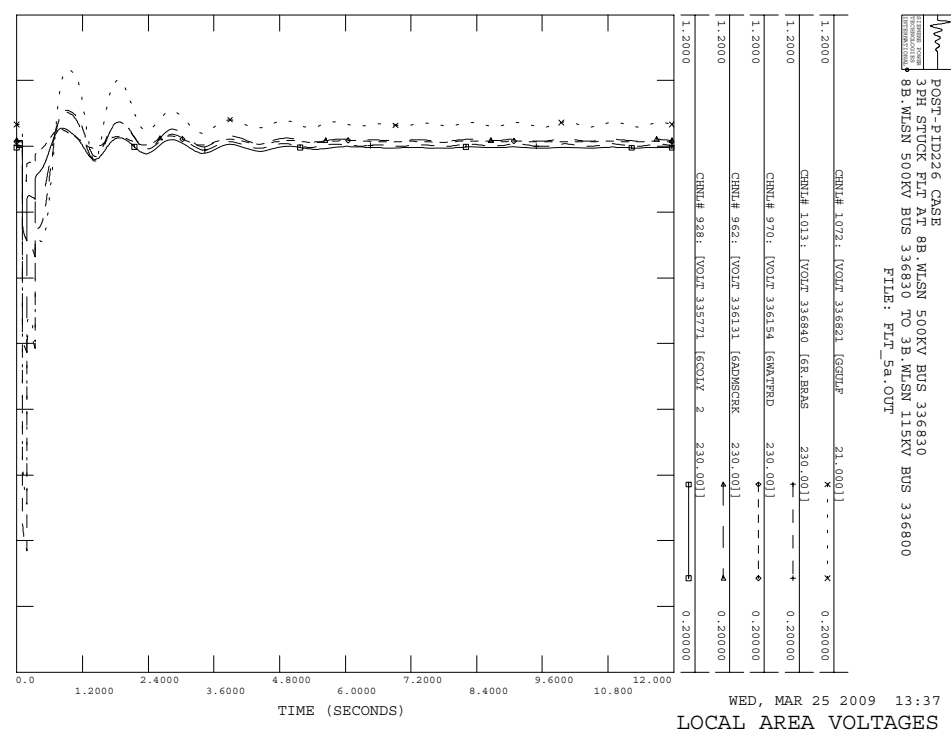
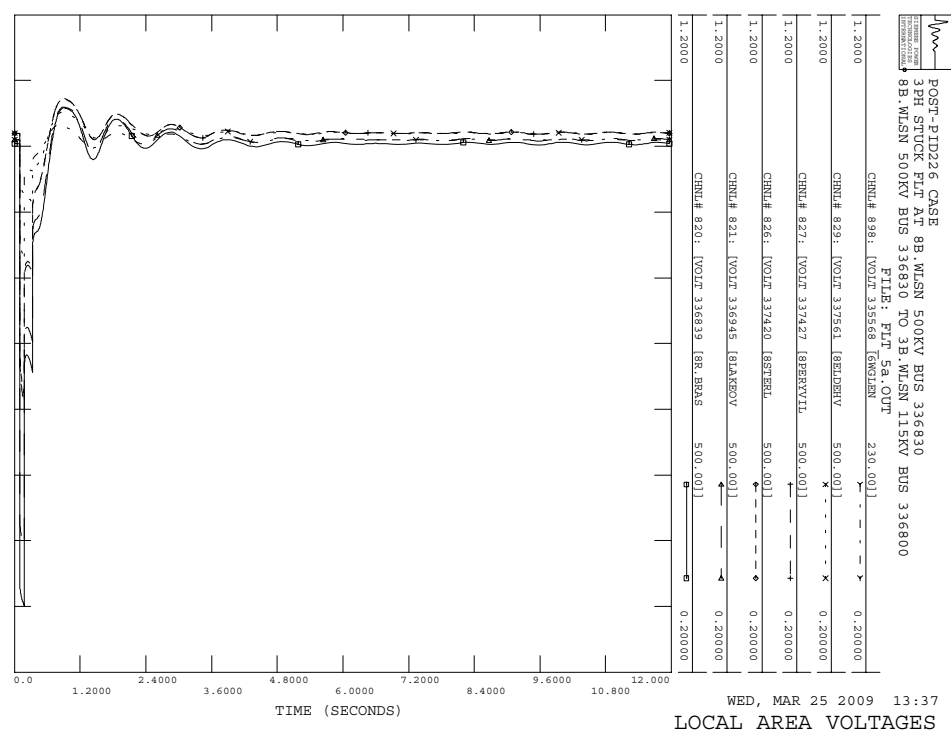
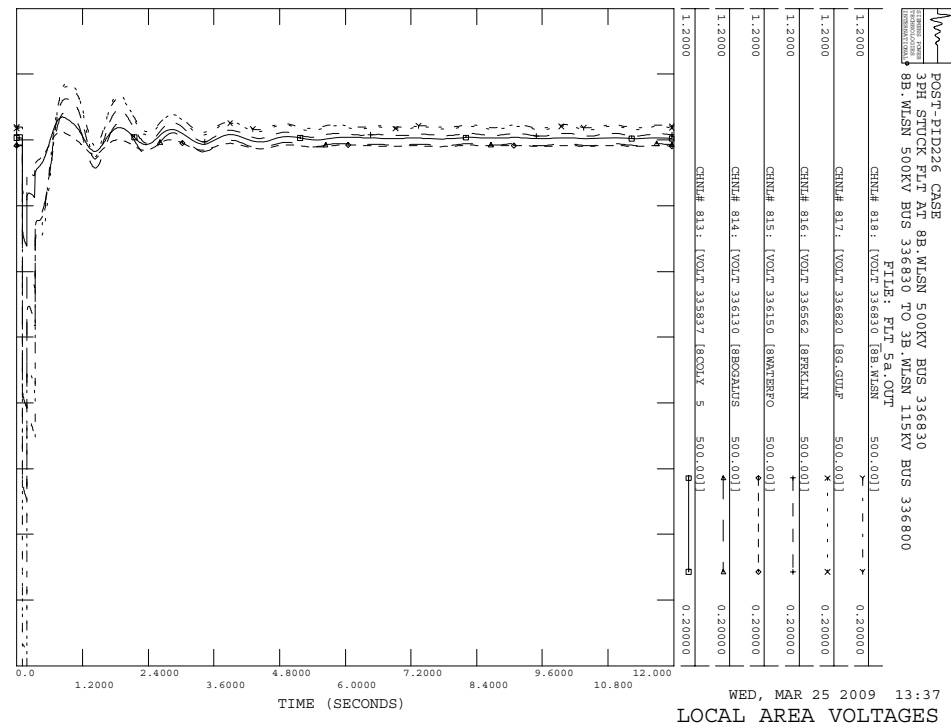
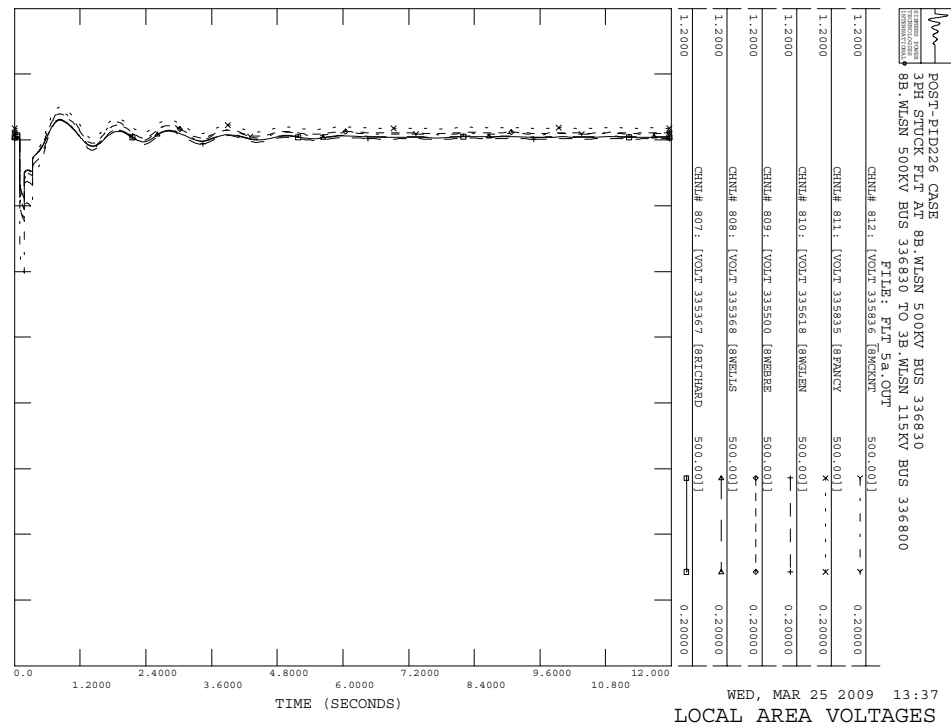


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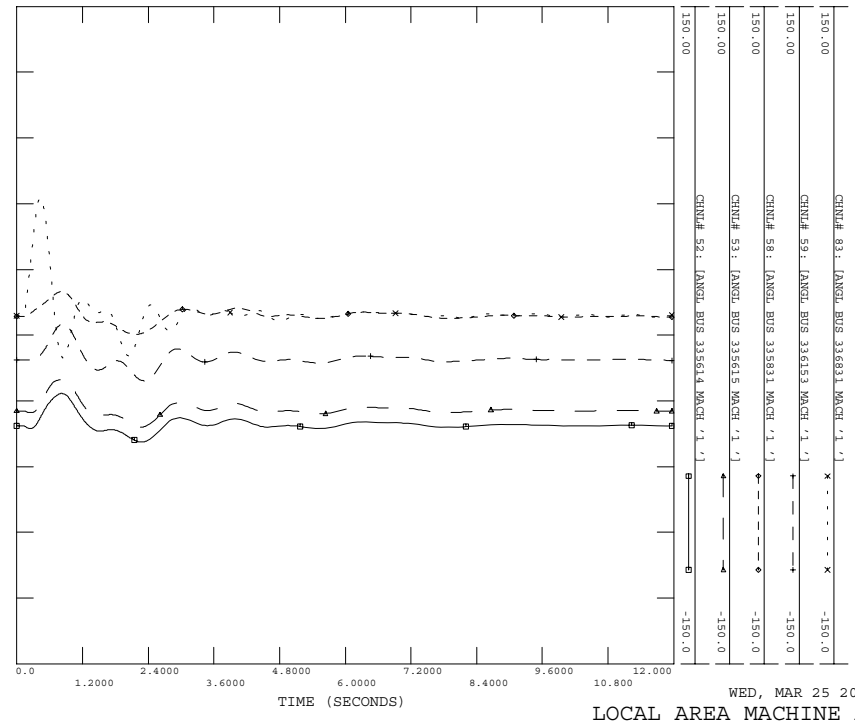
C.22 FLT_5a

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

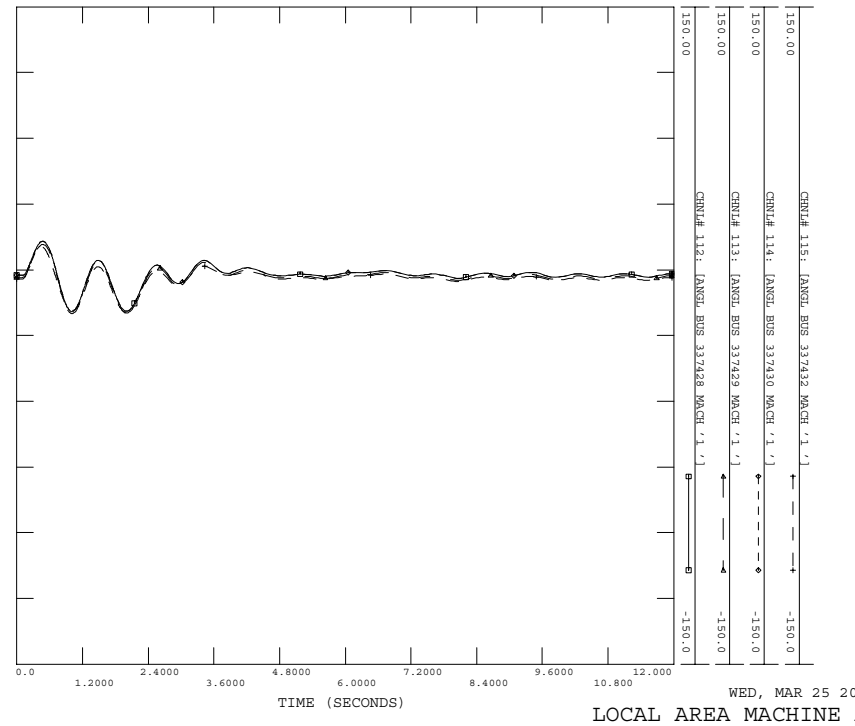
- a) Apply 3 Phase Fault AT 8B.WLSN 500KV BUS 336830
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8B.WLSN 500KV BUS 336830
- d) Apply 3 Phase fault at #336830 with admittance $779.96 -j 8641.41$ MVA
- e) Clear fault after 9 cycles by tripping transformer from 8B.WLSN 500KV BUS 336830 TO 3B.WLSN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



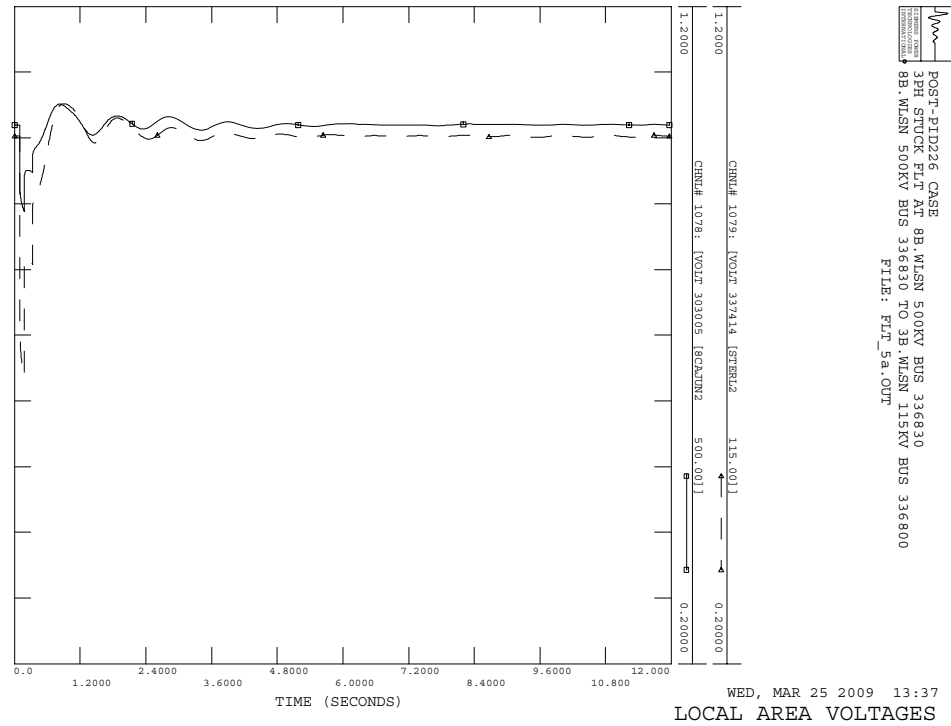
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_58.OUT



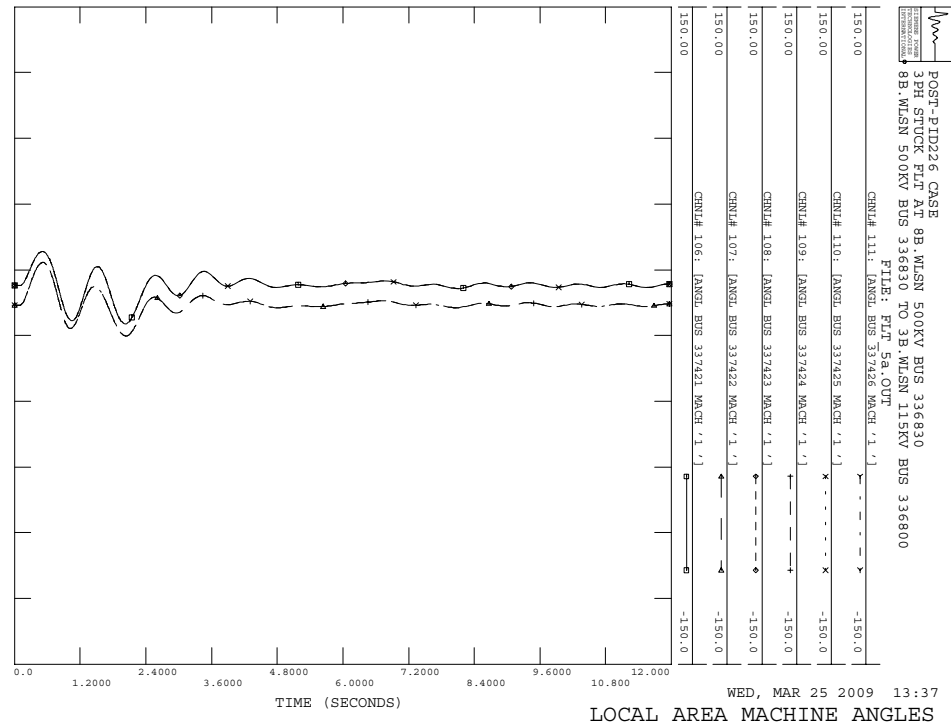
POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_58.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_58.OUT

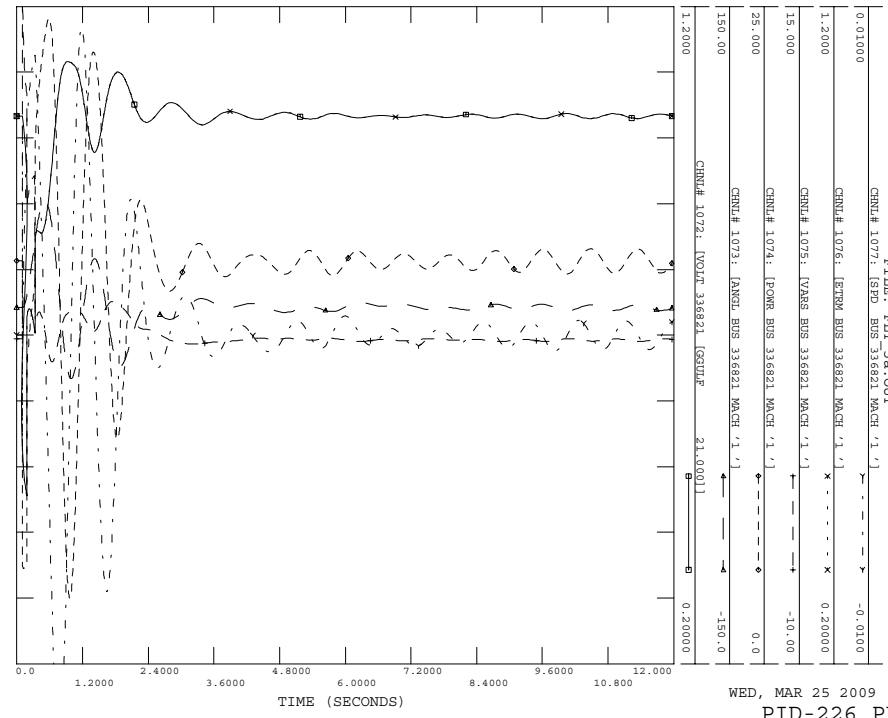


POST-PTD226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_58.OUT





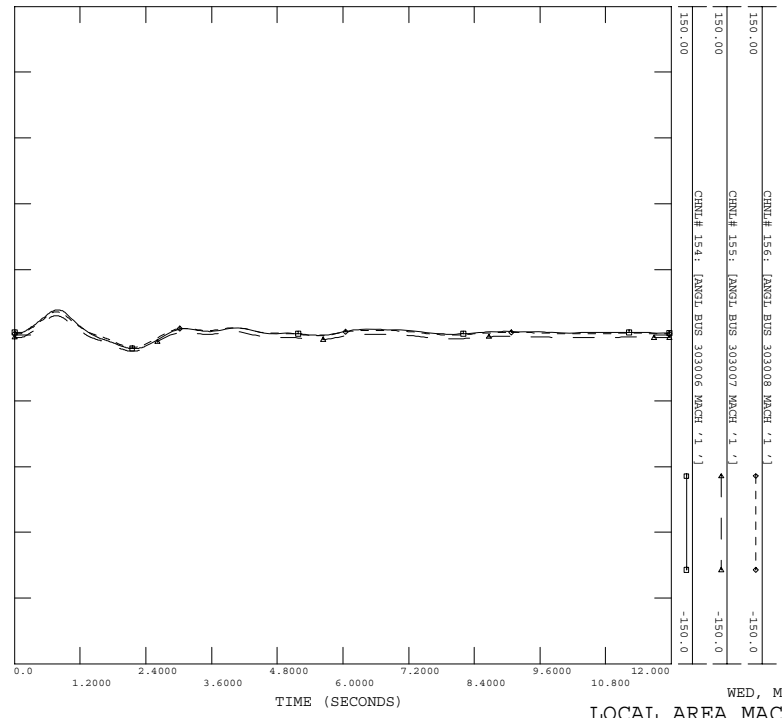
POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_58.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8B.WLSN 500KV BUS 336830
 8B.WLSN 500KV BUS 336830 TO 3B.WLSN 115KV BUS 336800
 FILE: FLT_58.OUT

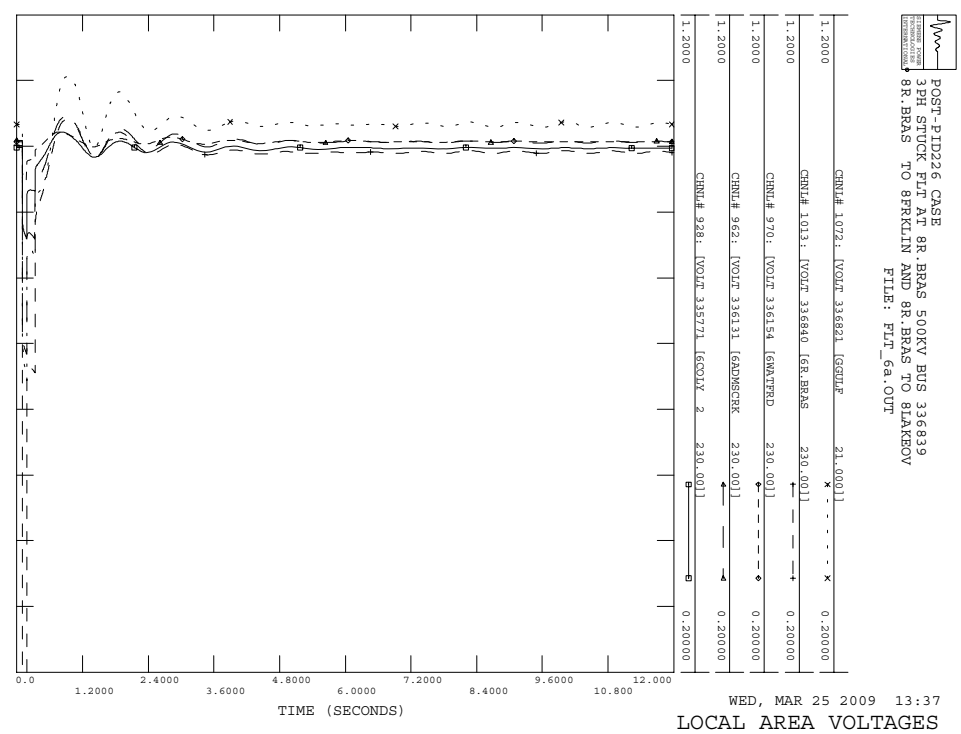
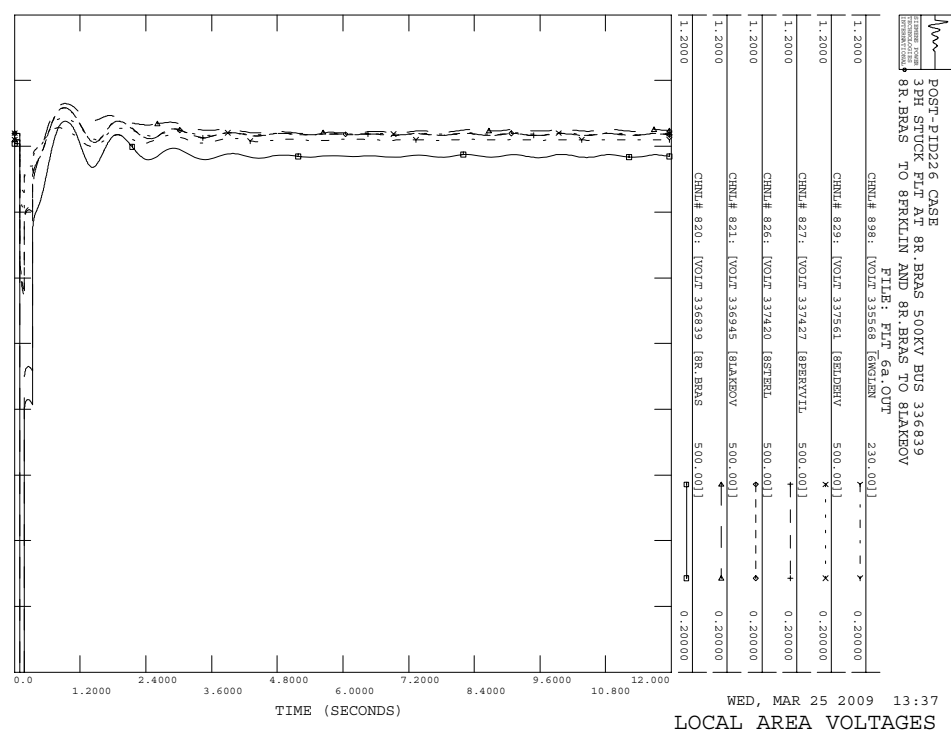
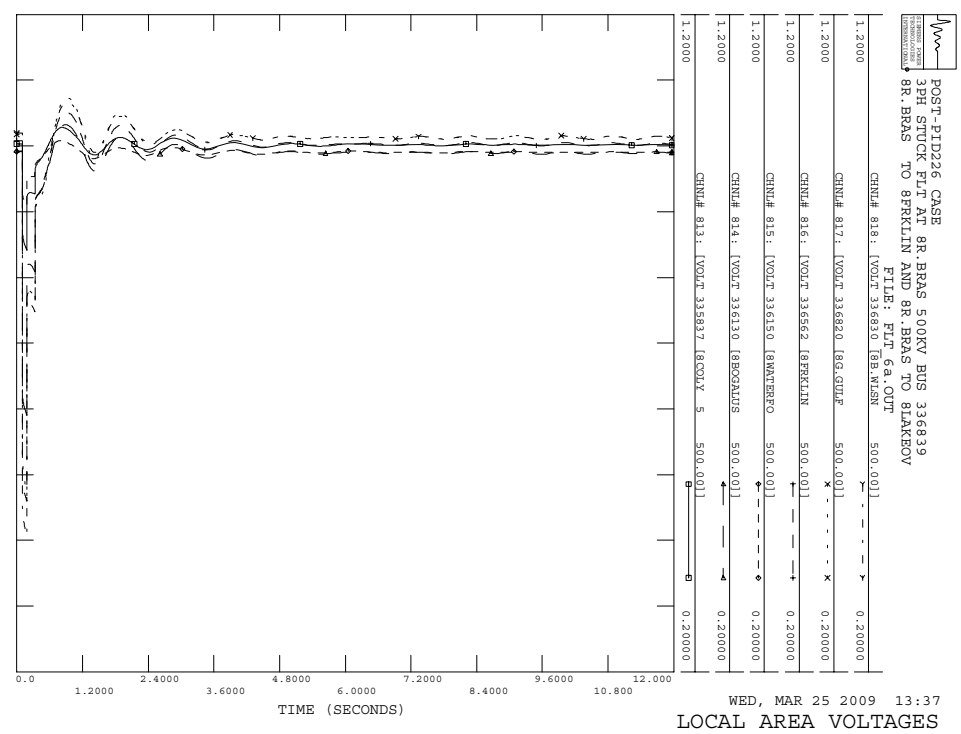
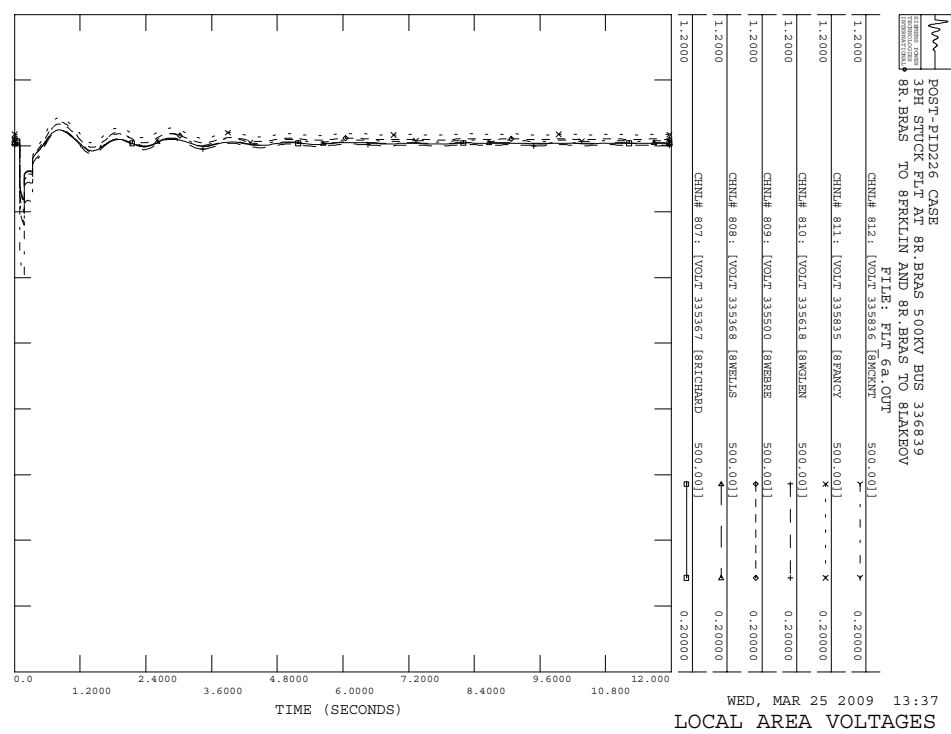


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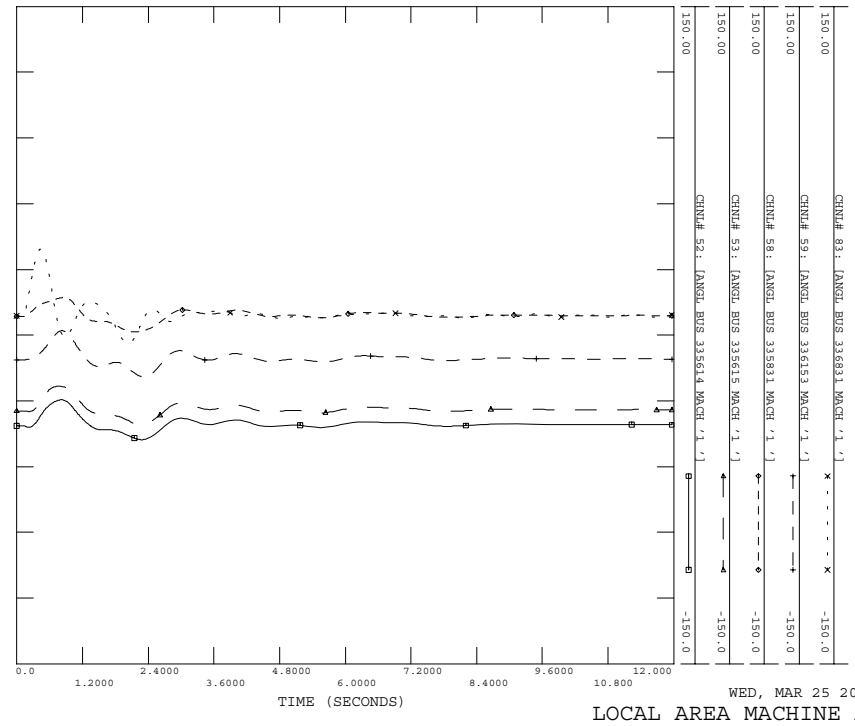
C.23 FLT_6a

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

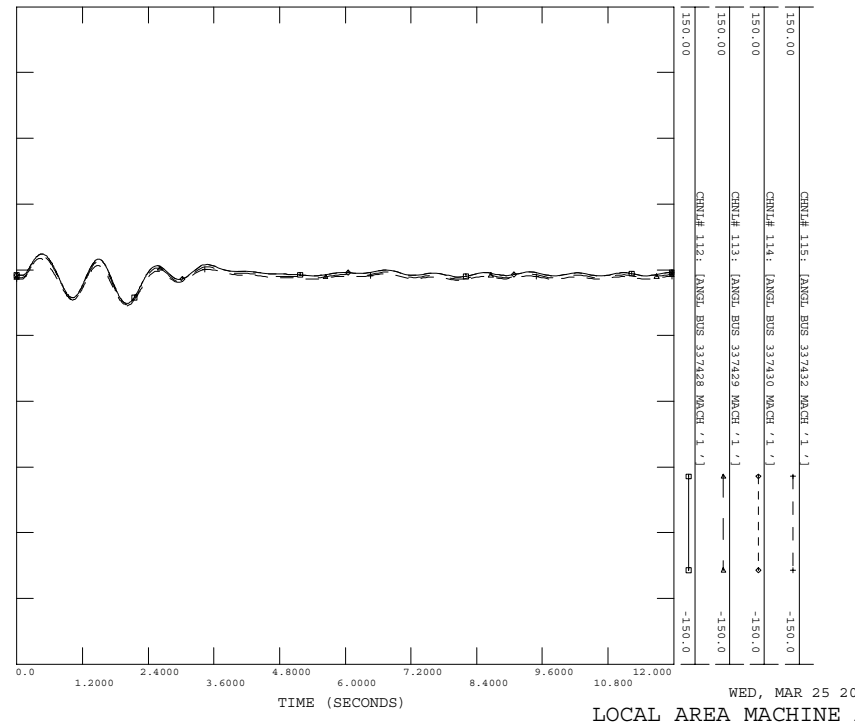
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 8LAKEOV



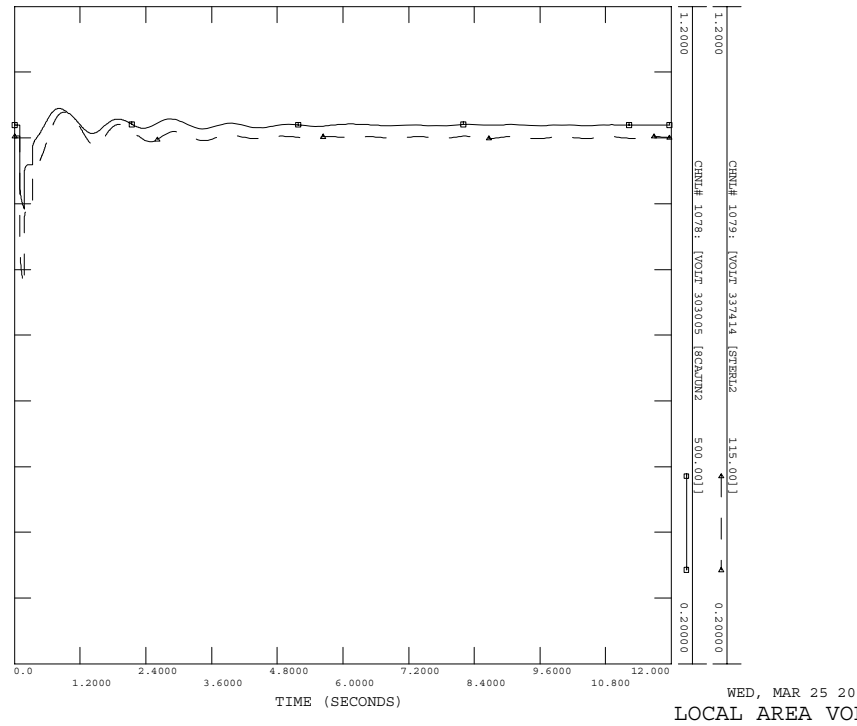
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_6a.0UT



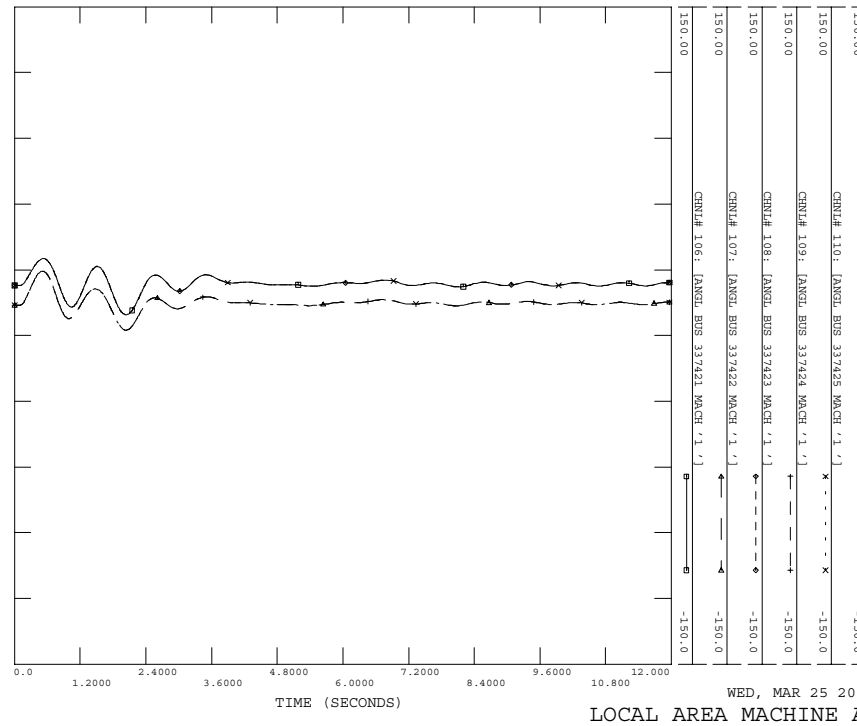
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_6a.0UT



POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_6a.0UT

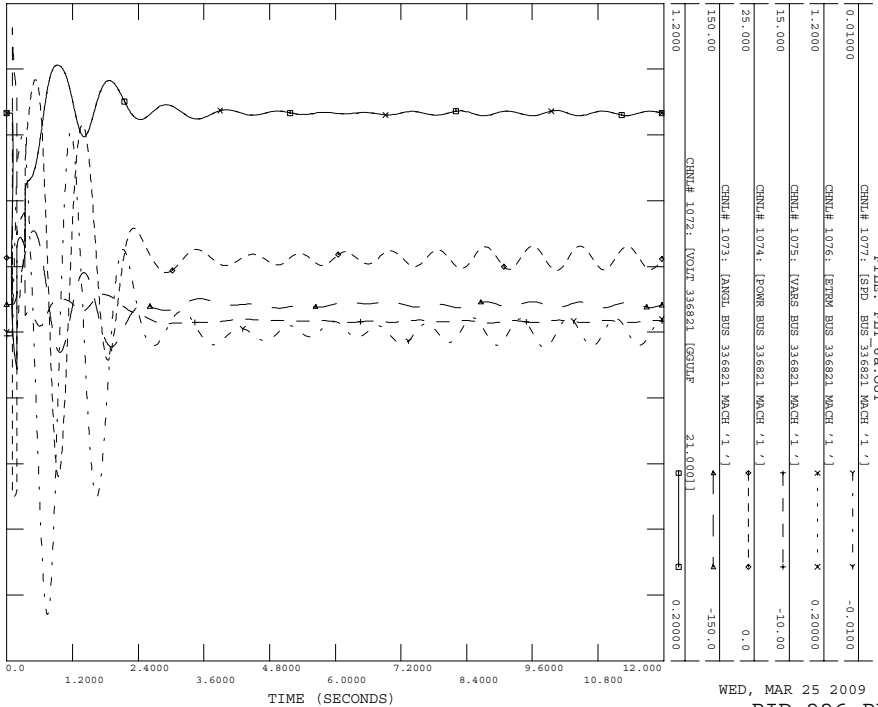


POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_6a.0UT

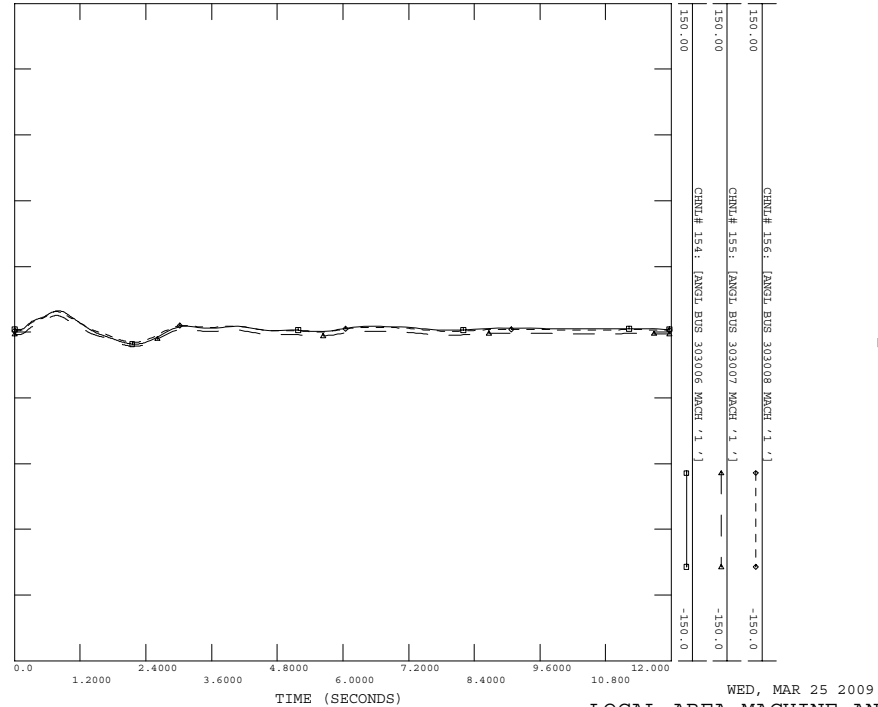




POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8R:FRKLIN AND 8R:BRAS TO 8LAKROV
 FILE: FLT_68.OUT



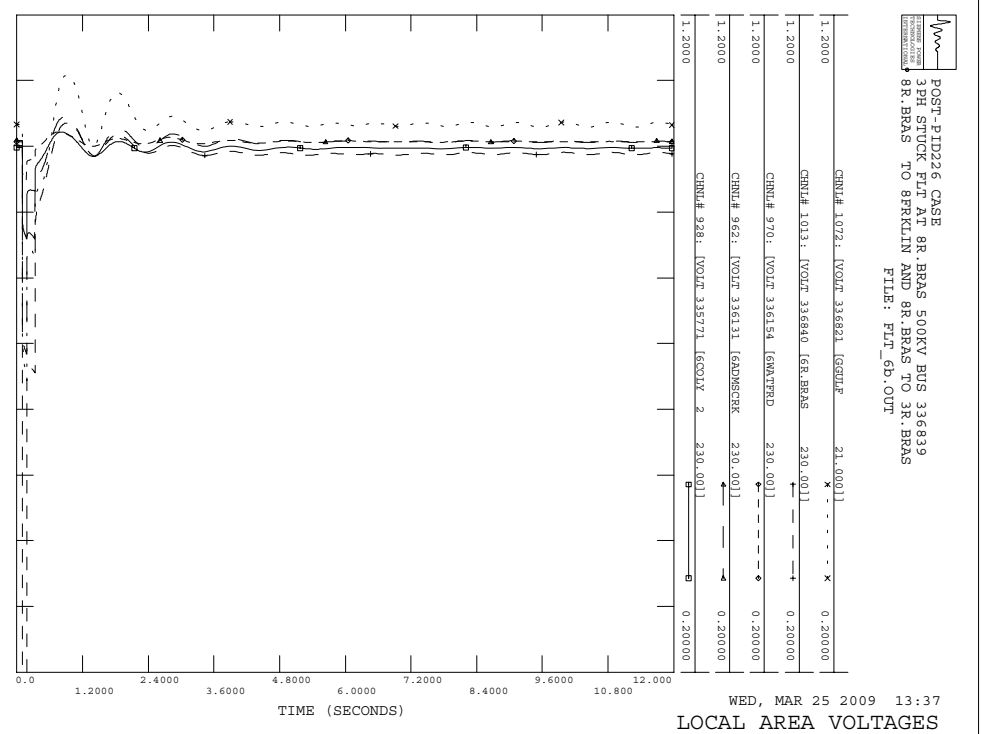
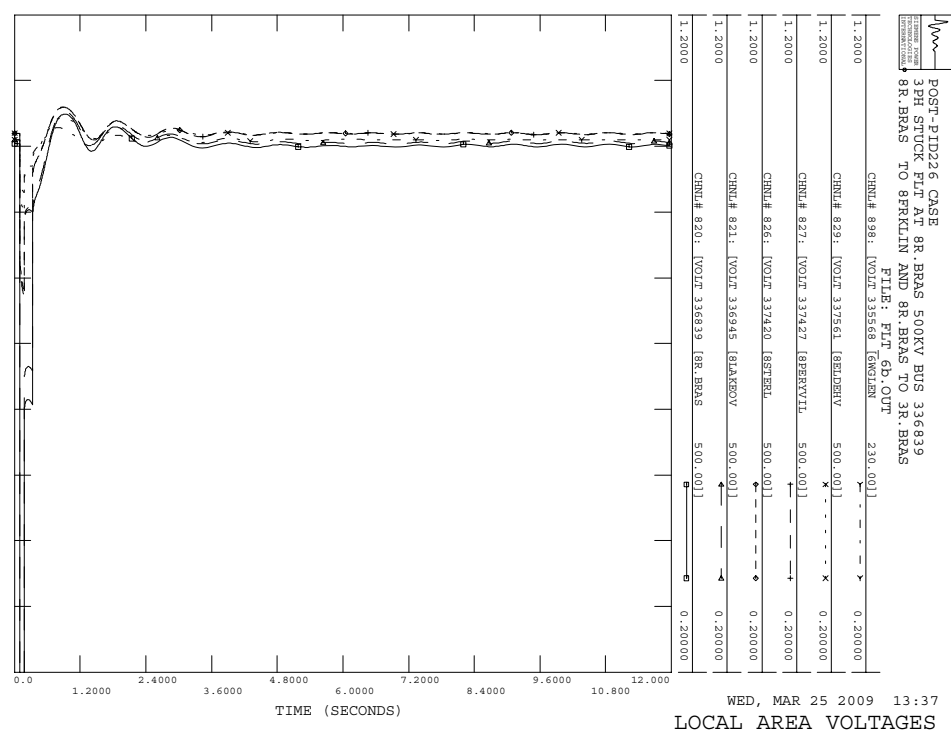
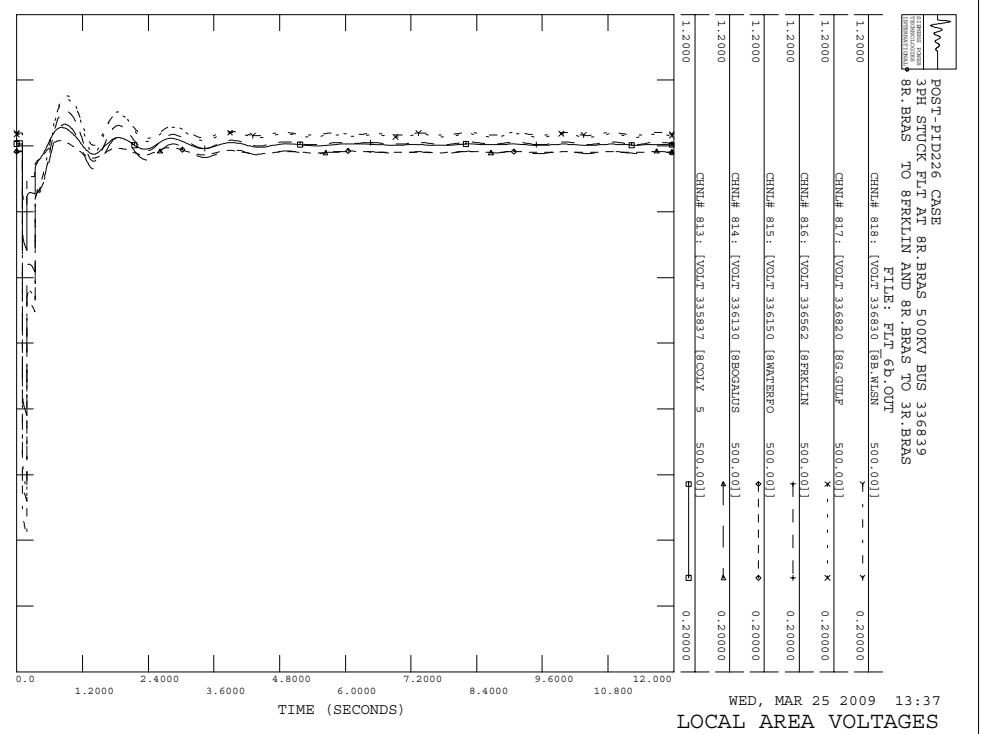
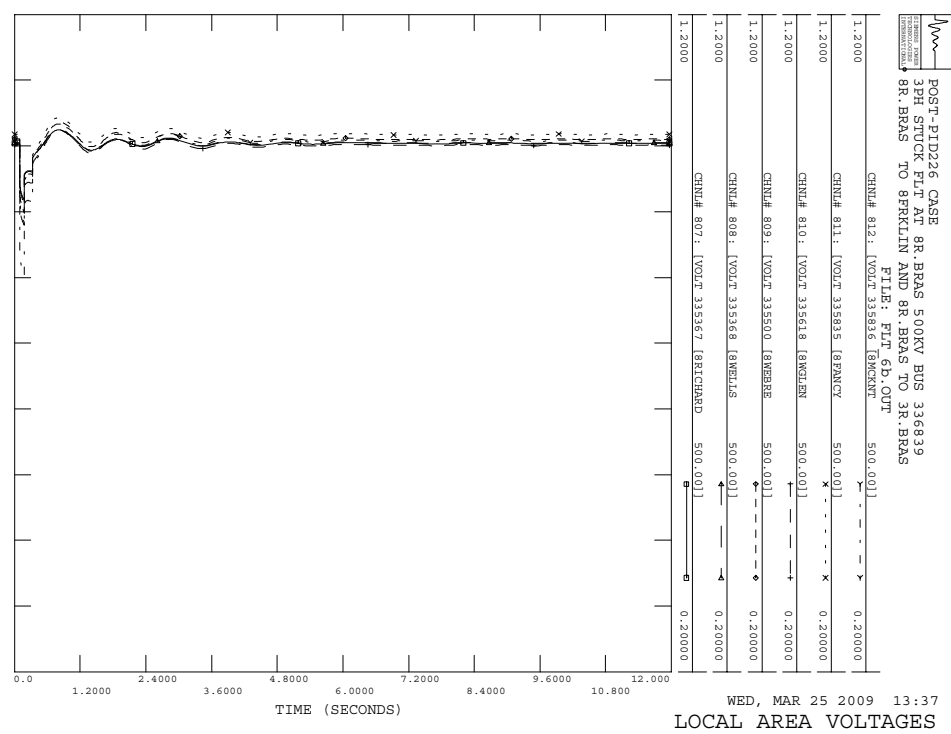
POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8R:FRKLIN AND 8R:BRAS TO 8LAKROV
 FILE: FLT_68.OUT



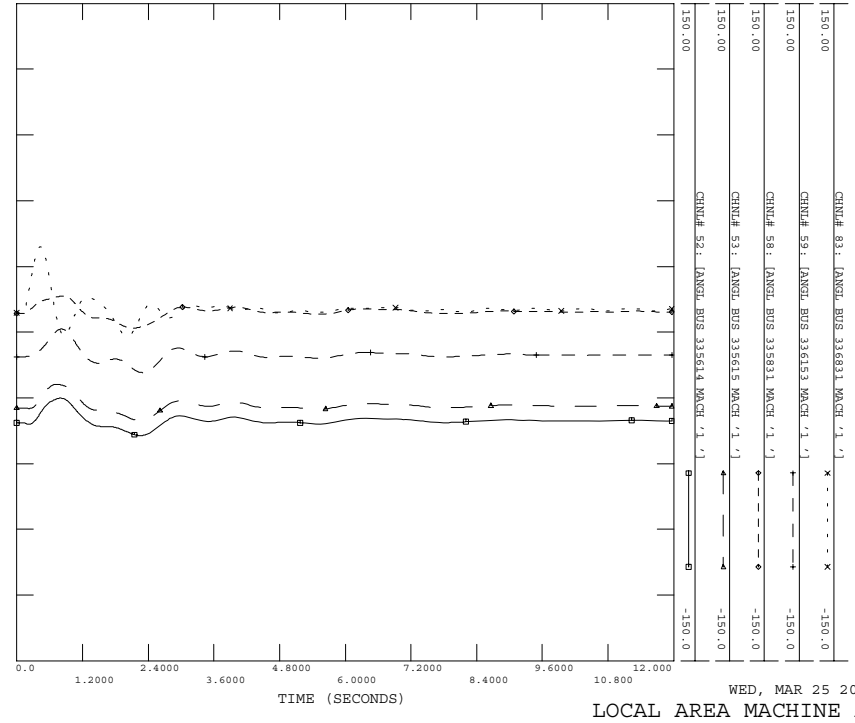
C.24 FLT_6b

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

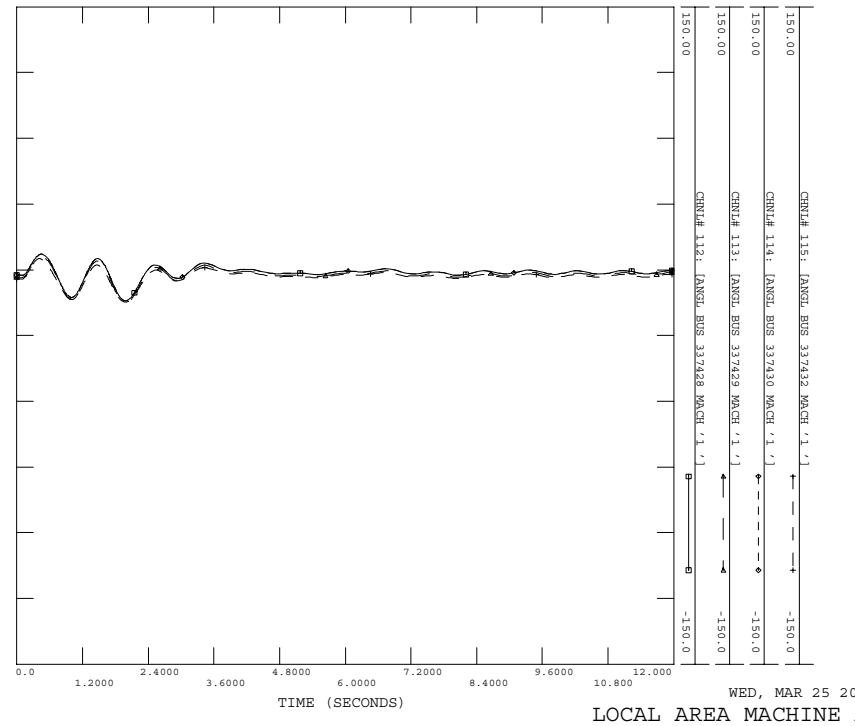
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS



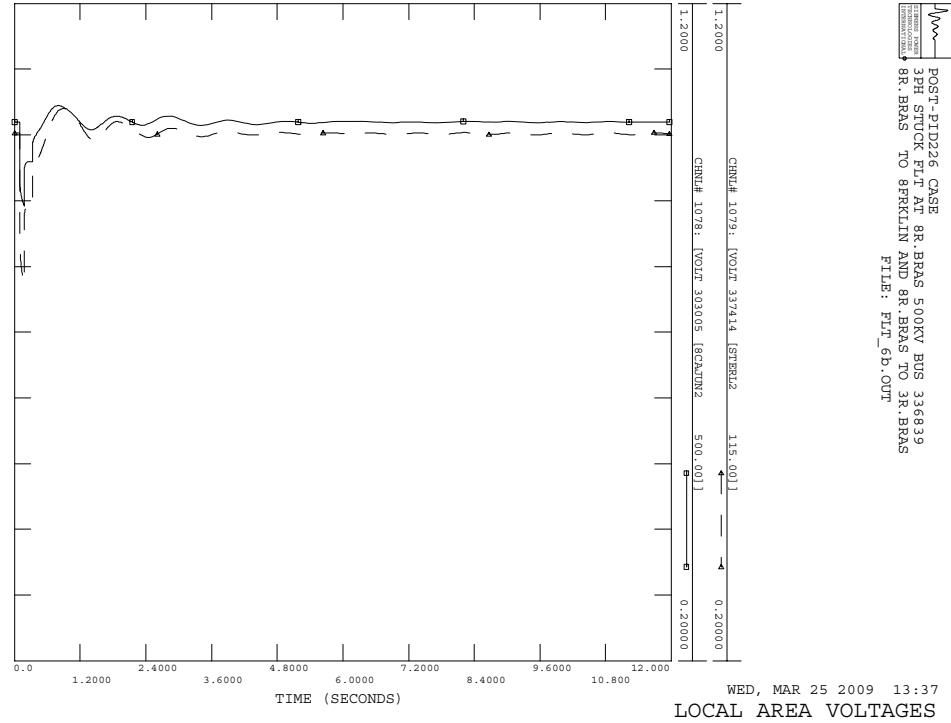
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



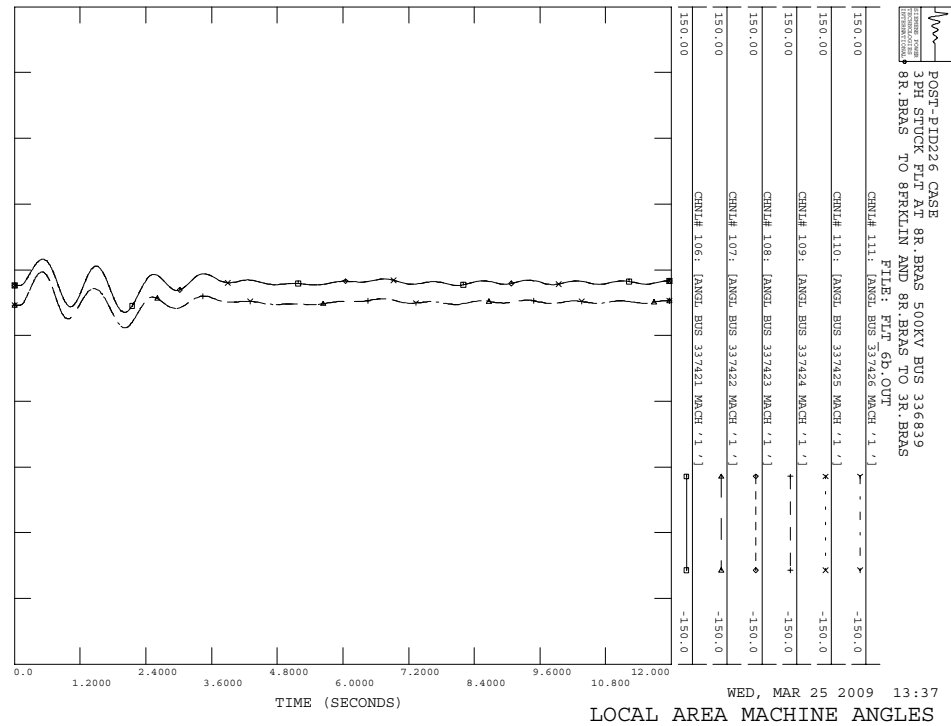
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT

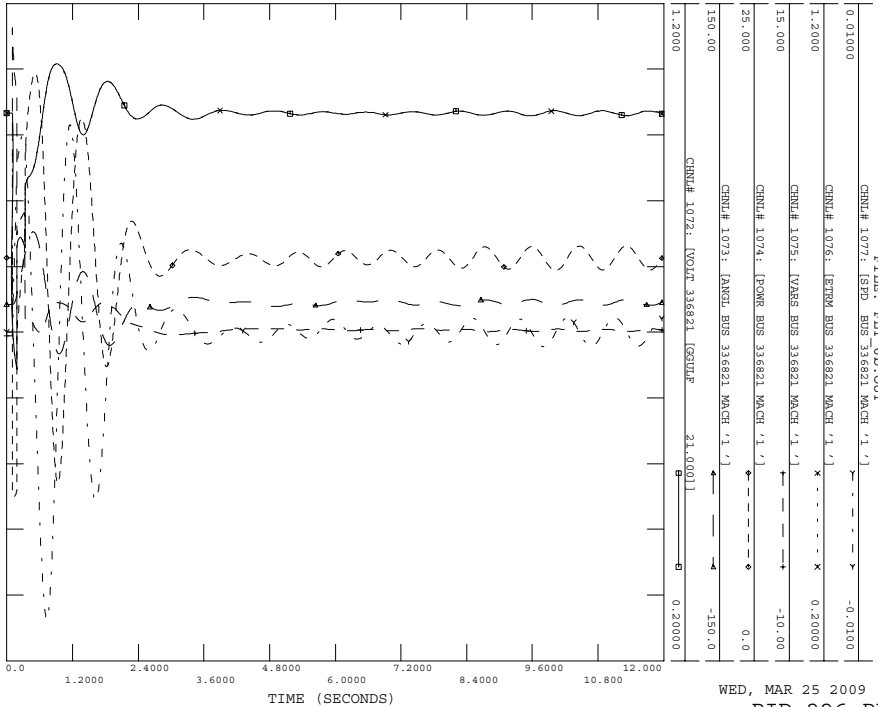


POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT

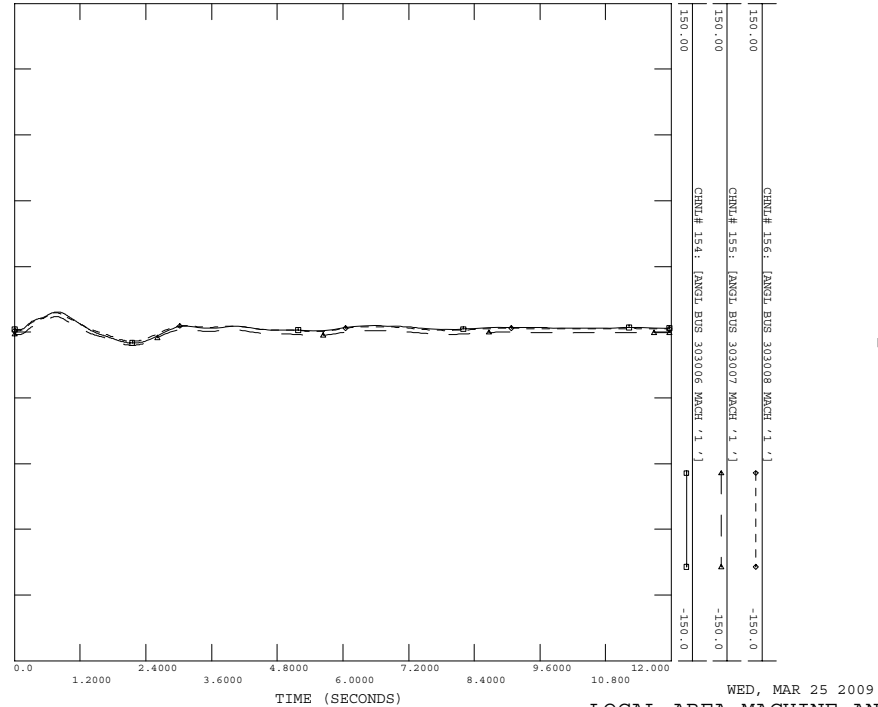




POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



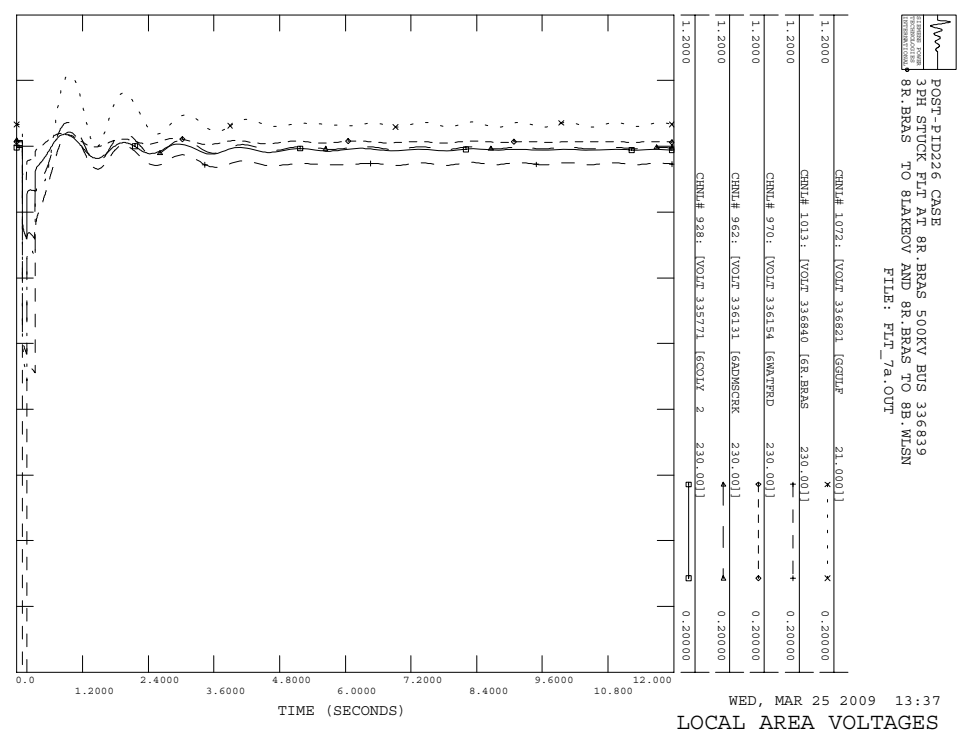
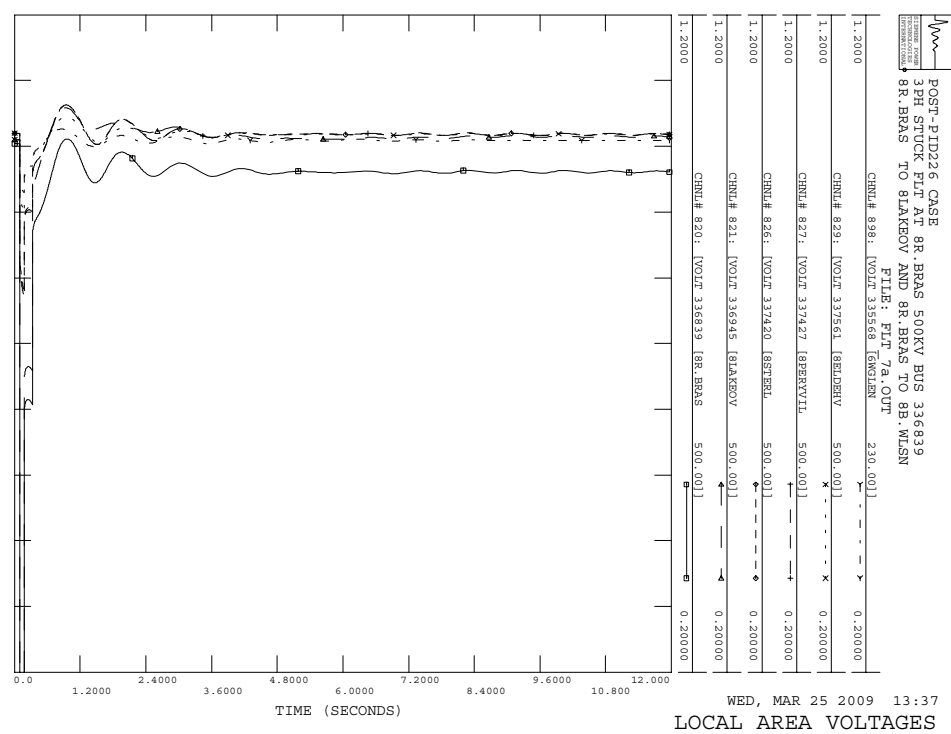
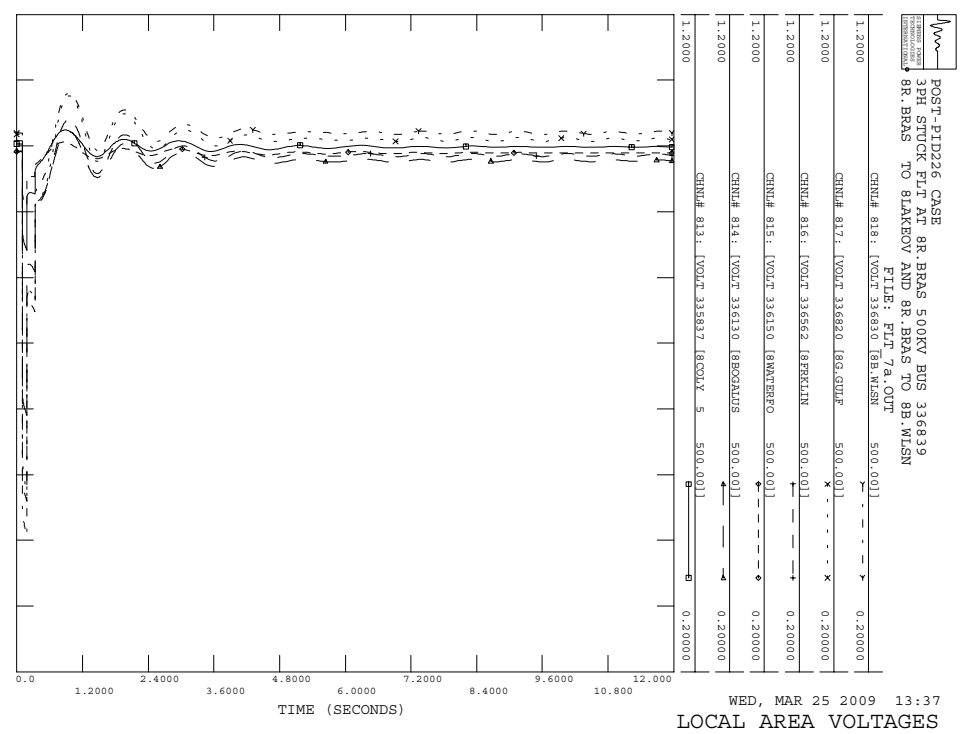
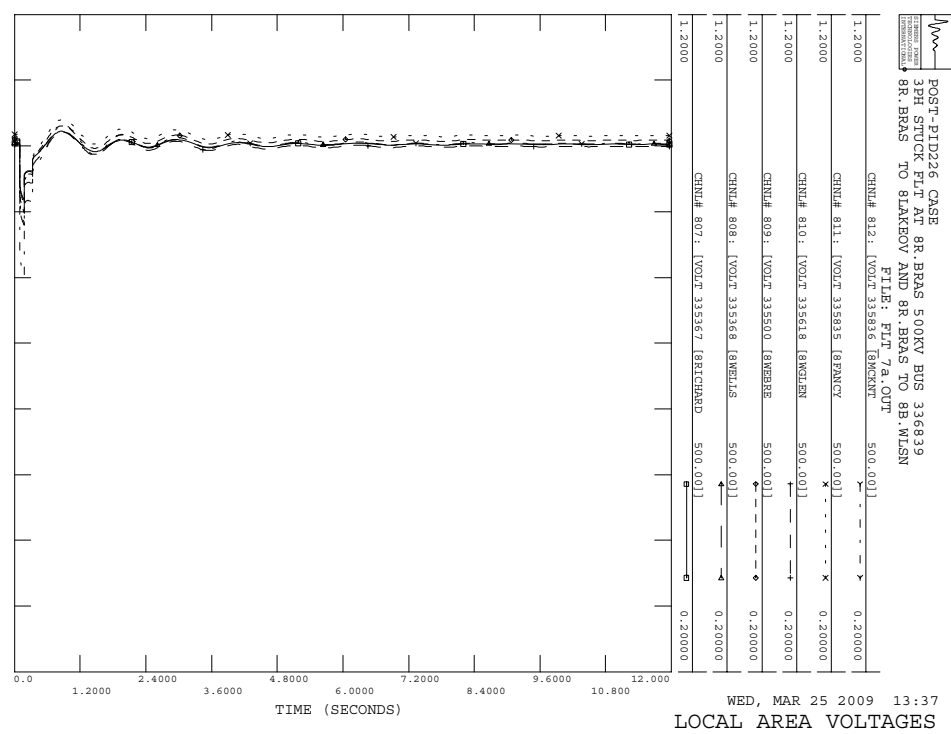
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8FRKLIN AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_65.OUT



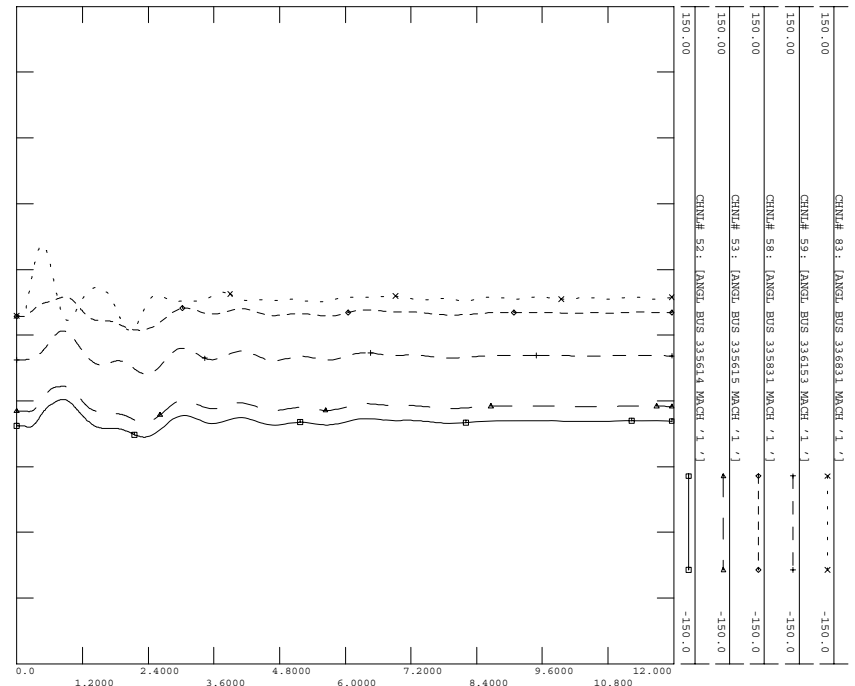
C.25 FLT_7a

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

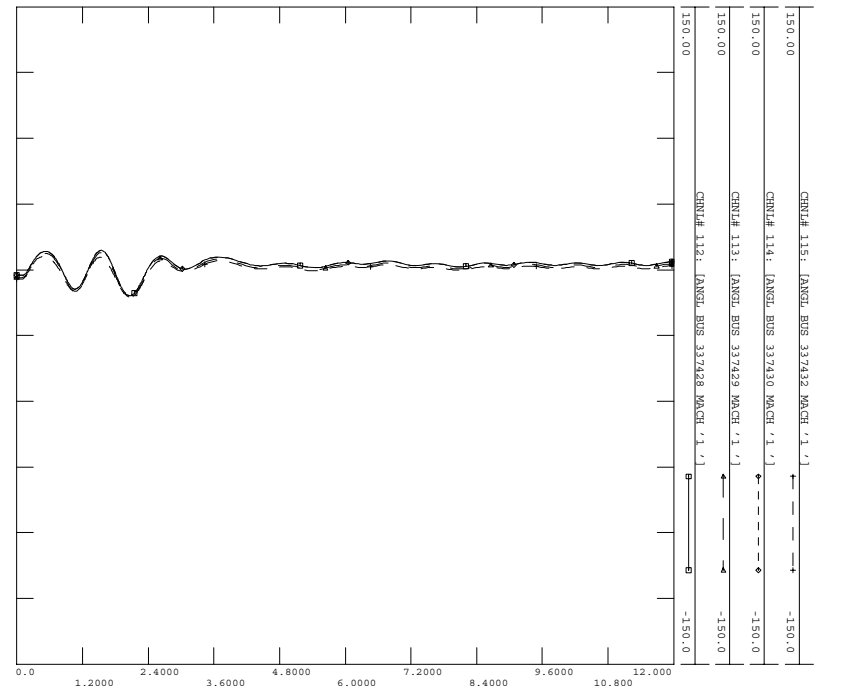


POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8B.WLSN
 FILE: FLT_7A.OUT



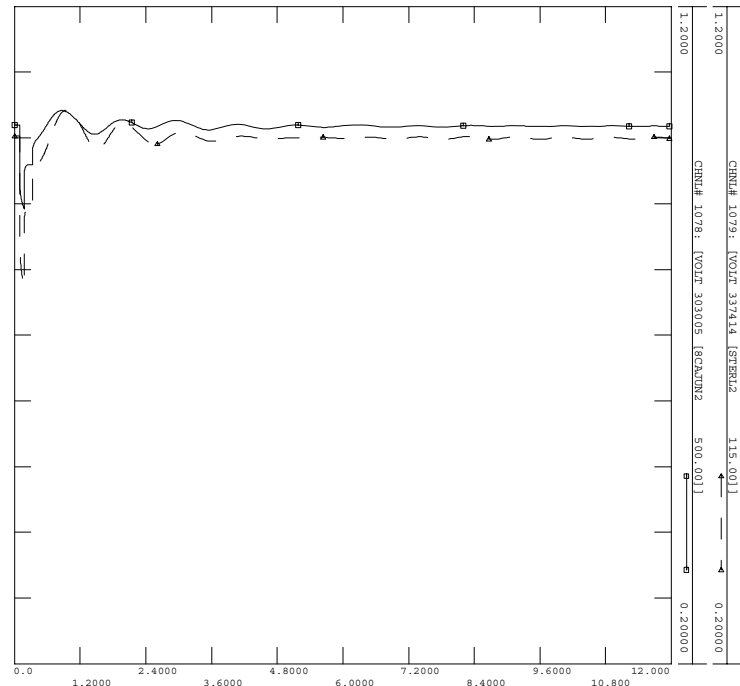
WED, MAR 25 2009 13:37
 LOCAL AREA MACHINE ANGLES

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



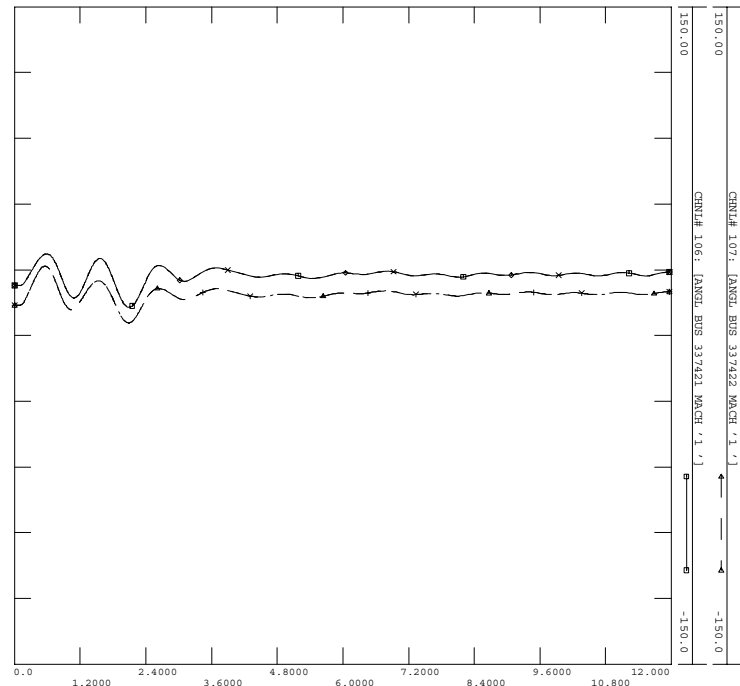
WED, MAR 25 2009 13:37
 LOCAL AREA MACHINE ANGLES

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



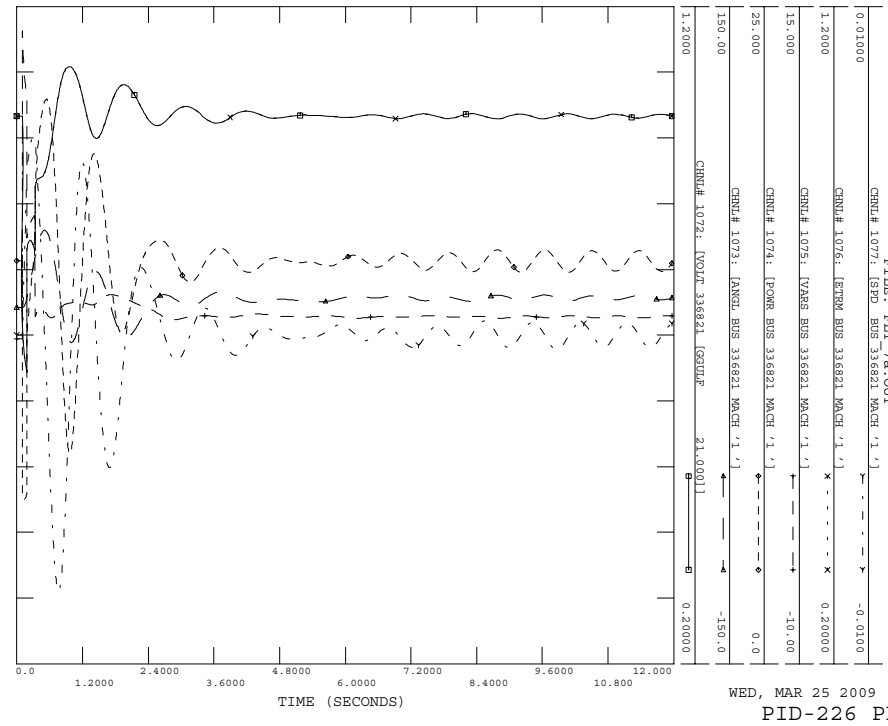
WED, MAR 25 2009 13:37
 LOCAL AREA VOLTAGES

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

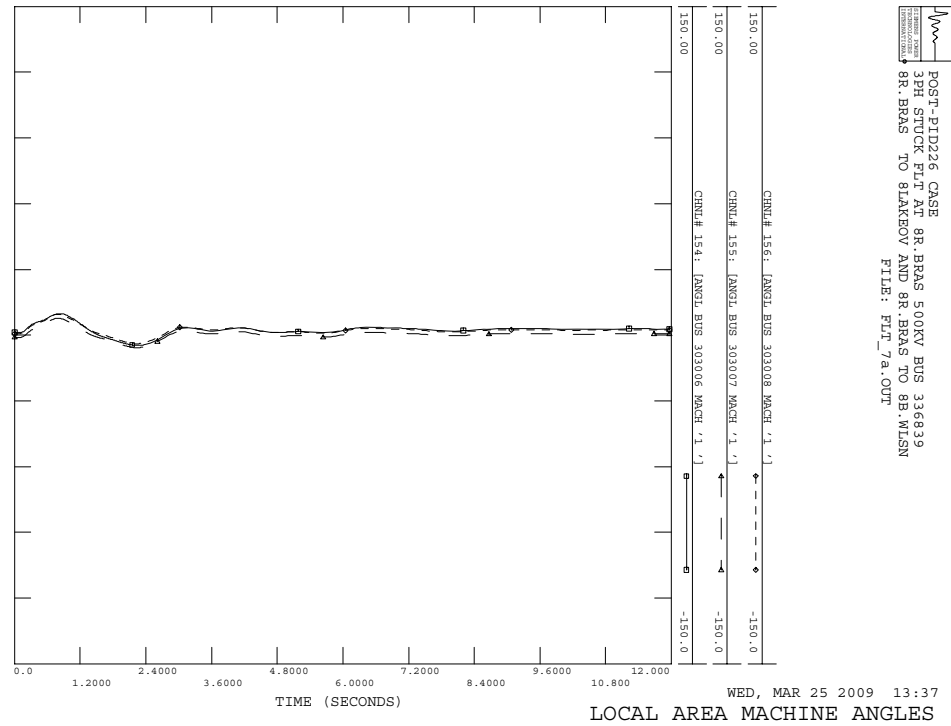


WED, MAR 25 2009 13:37
 LOCAL AREA MACHINE ANGLES

POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8LAKROV AND 8R:BRAS TO 8B.WLSN
 FILE: FLT_7A.OUT



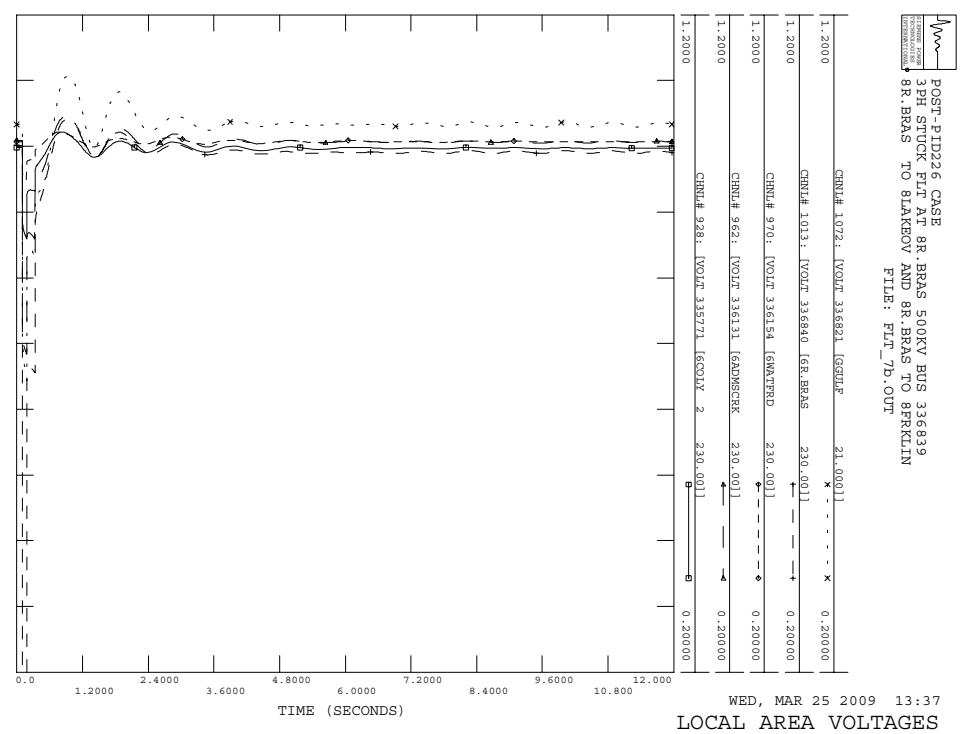
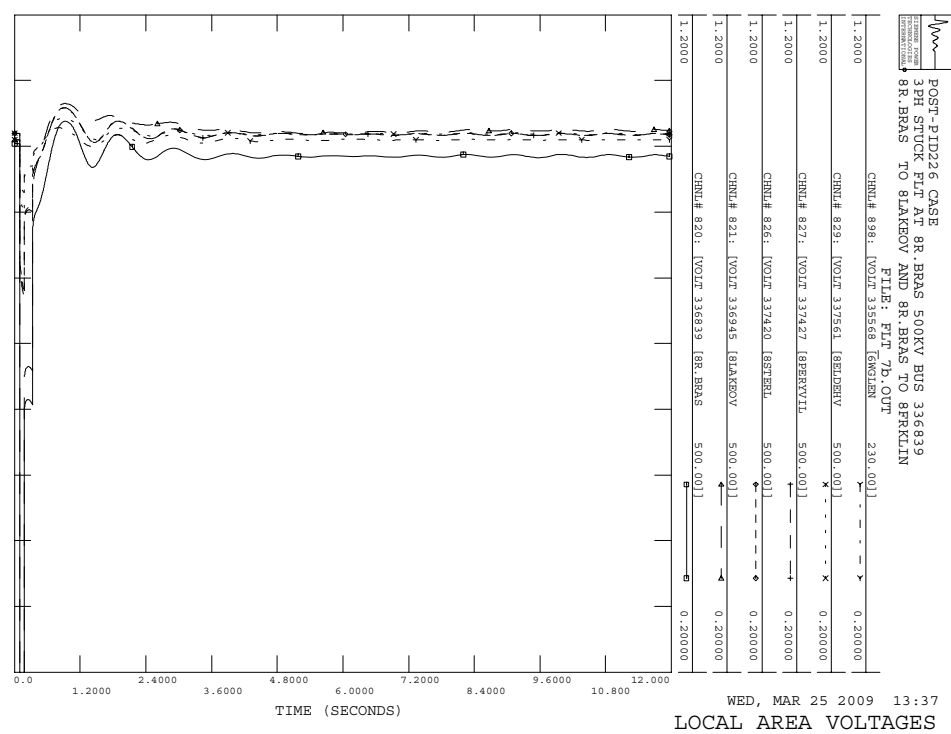
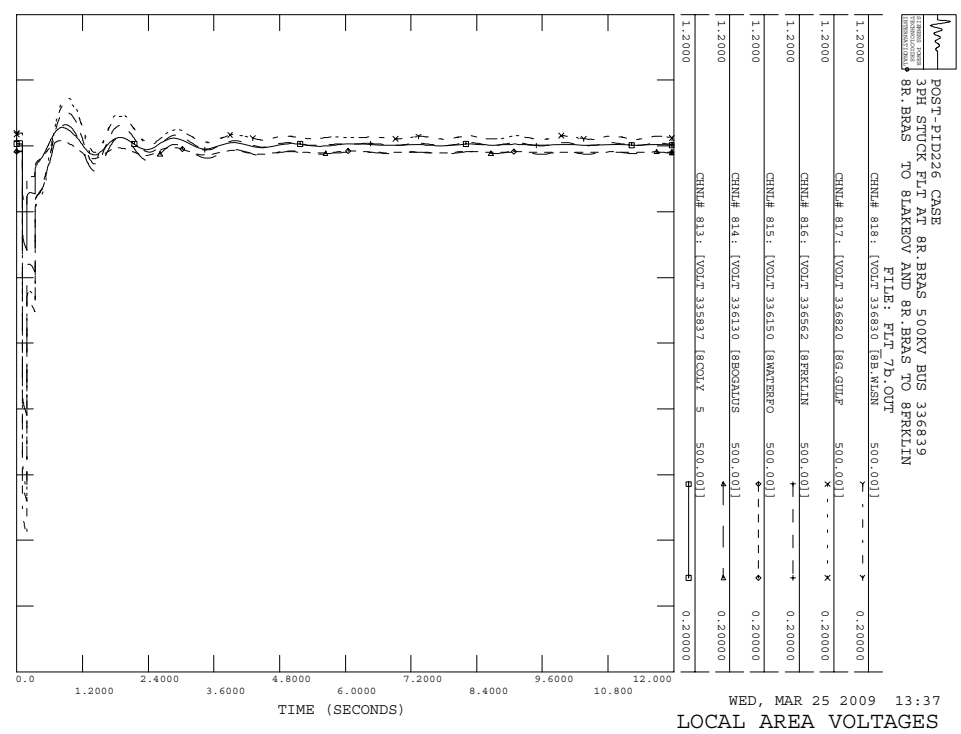
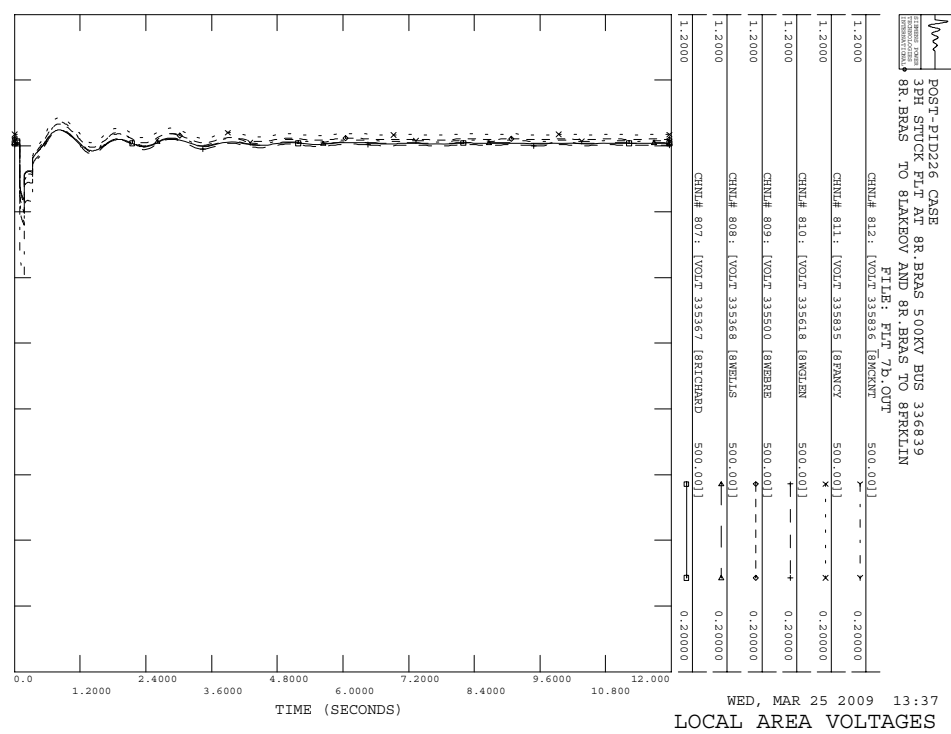
POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8LAKROV AND 8R:BRAS TO 8B.WLSN
 FILE: FLT_7A.OUT



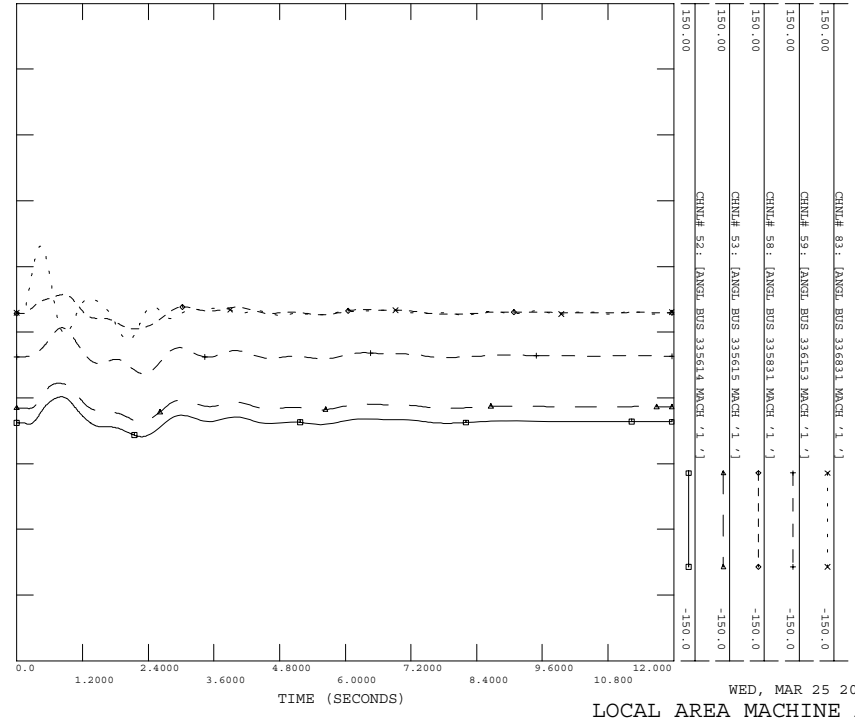
C.26 FLT_7b

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

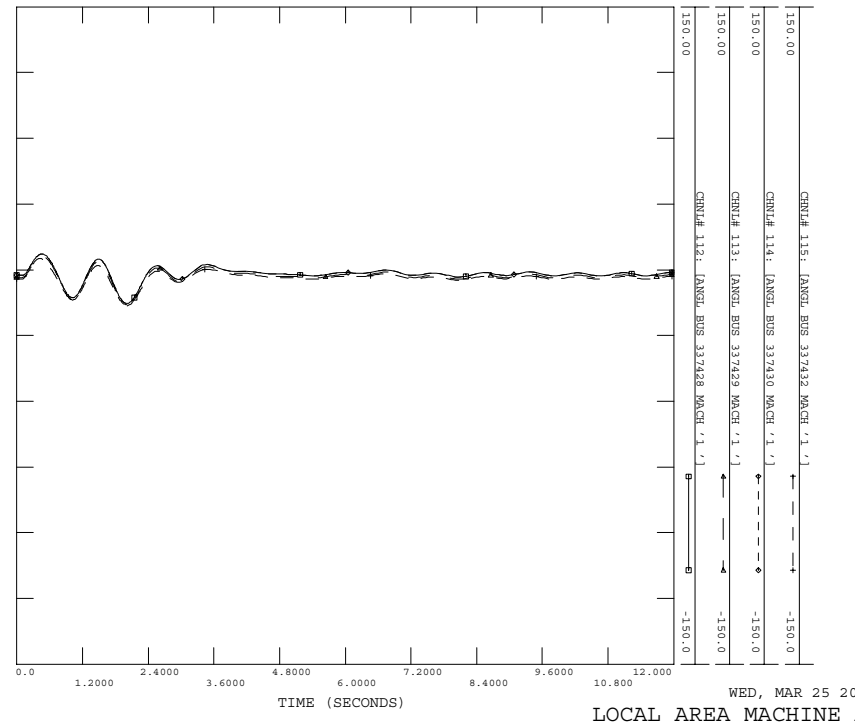
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles.
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8LAKEOV AND 8R.BRAS TO 8FRKLIN



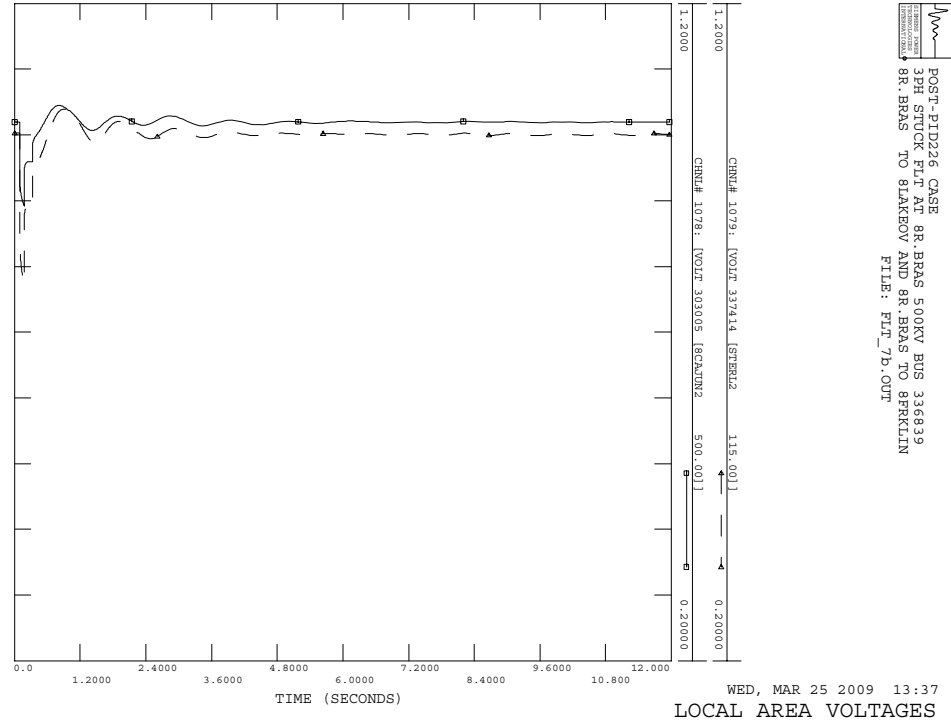
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8FRKLLN
 FILE: FLT_7B.0UT



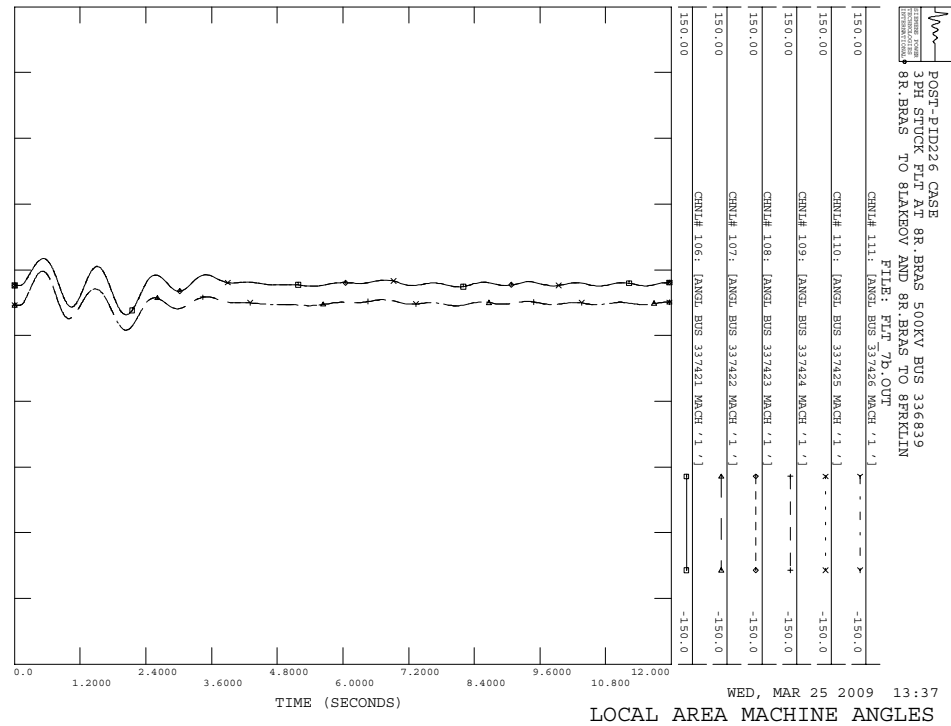
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8FRKLLN
 FILE: FLT_7B.0UT



POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8FRKLLN
 FILE: FLT_7B.0UT

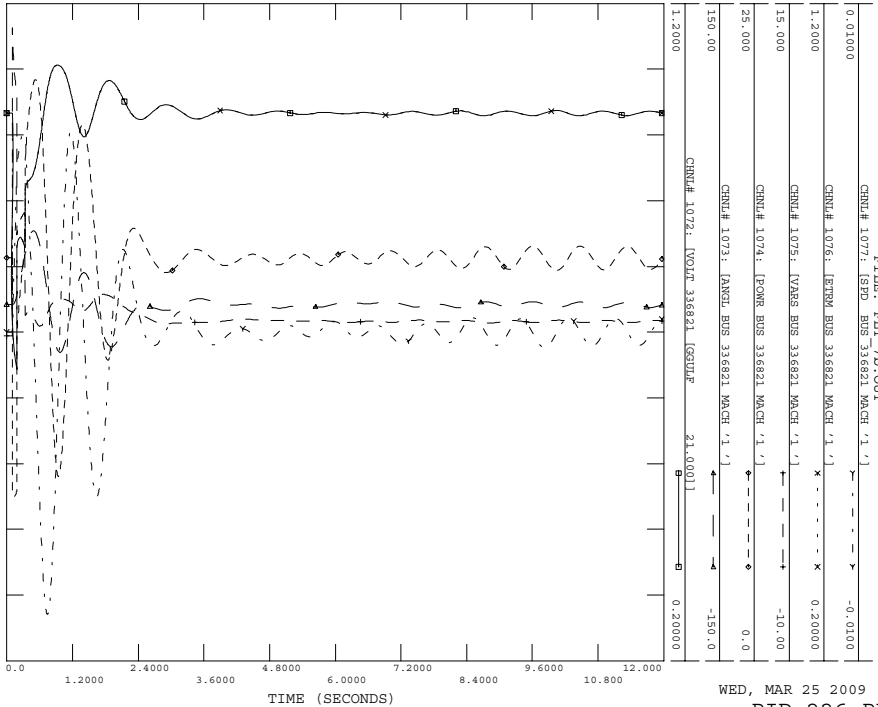


POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8LAKBOV AND 8R.BRAS TO 8FRKLLN
 FILE: FLT_7B.0UT

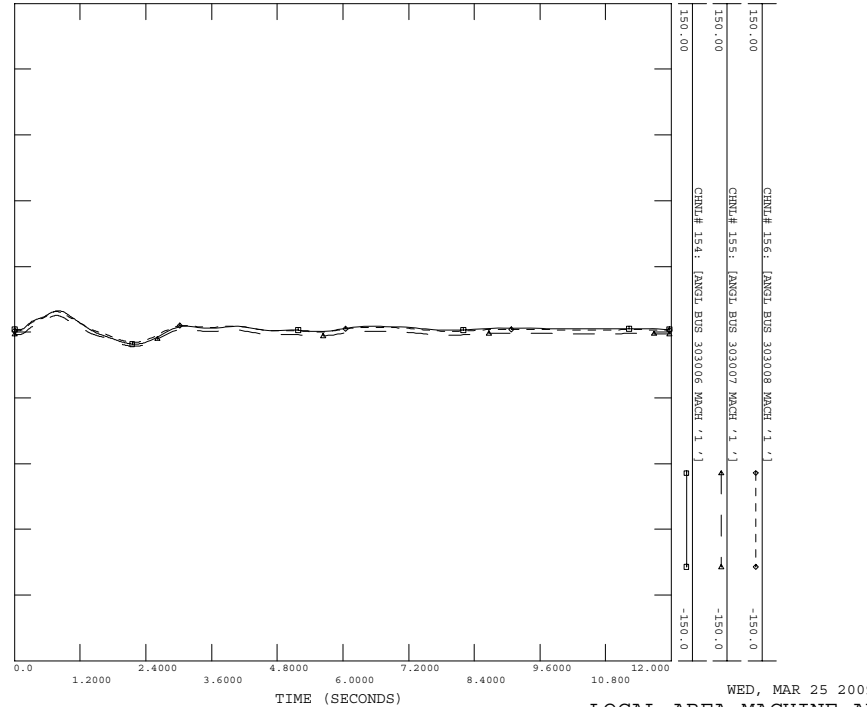




POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8LAKROV AND 8R:BRAS TO 8FRKLIN
 FILE: FLT_7B_OUT



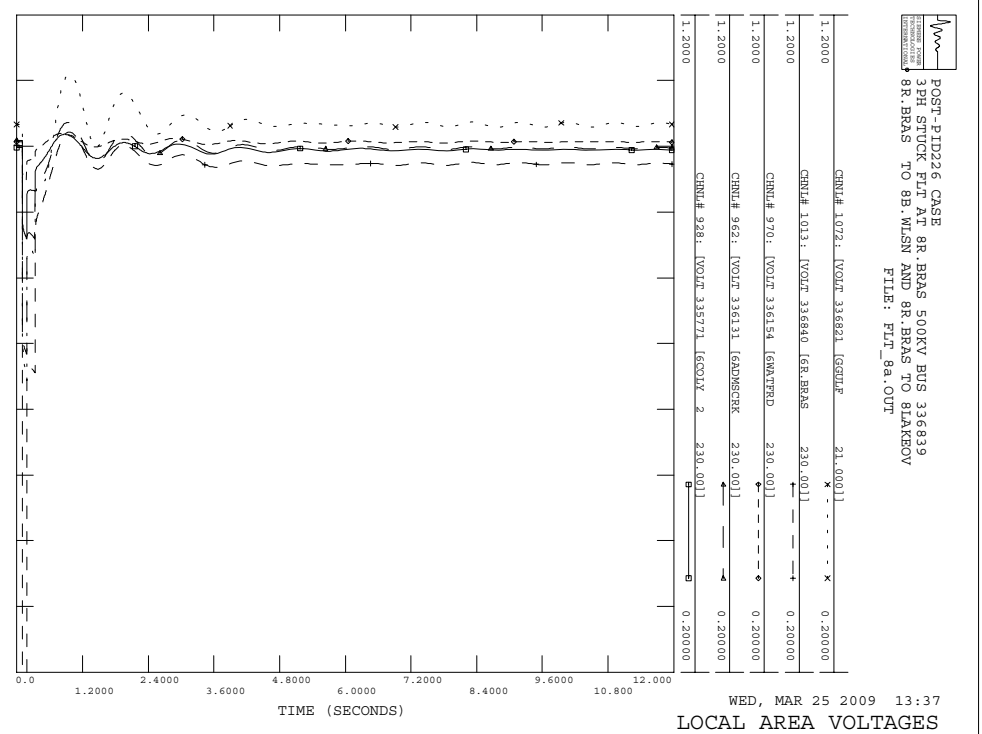
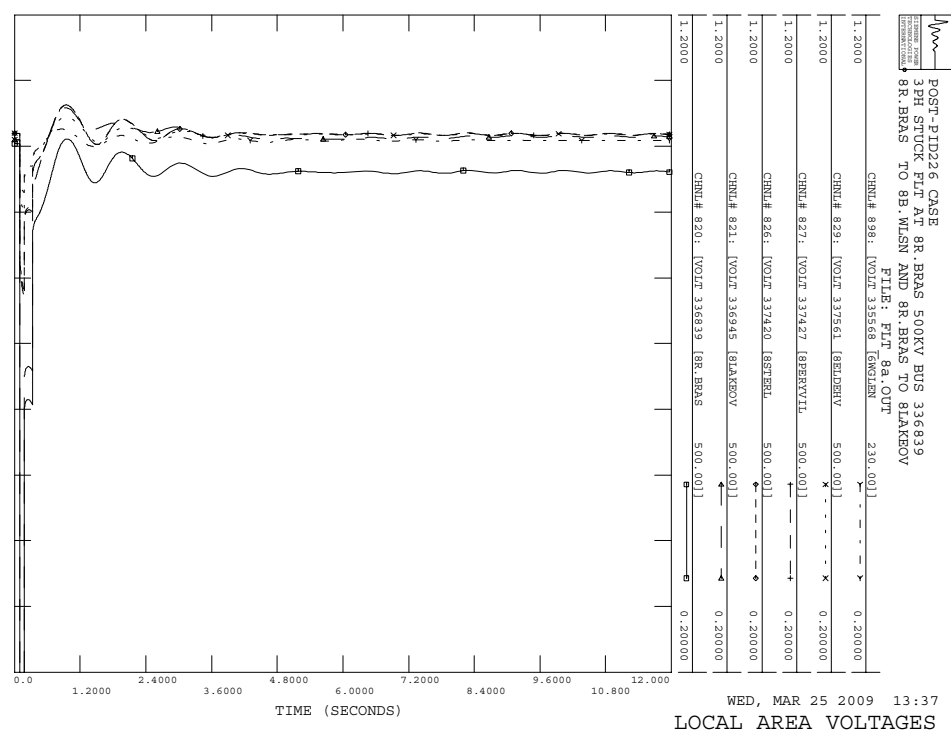
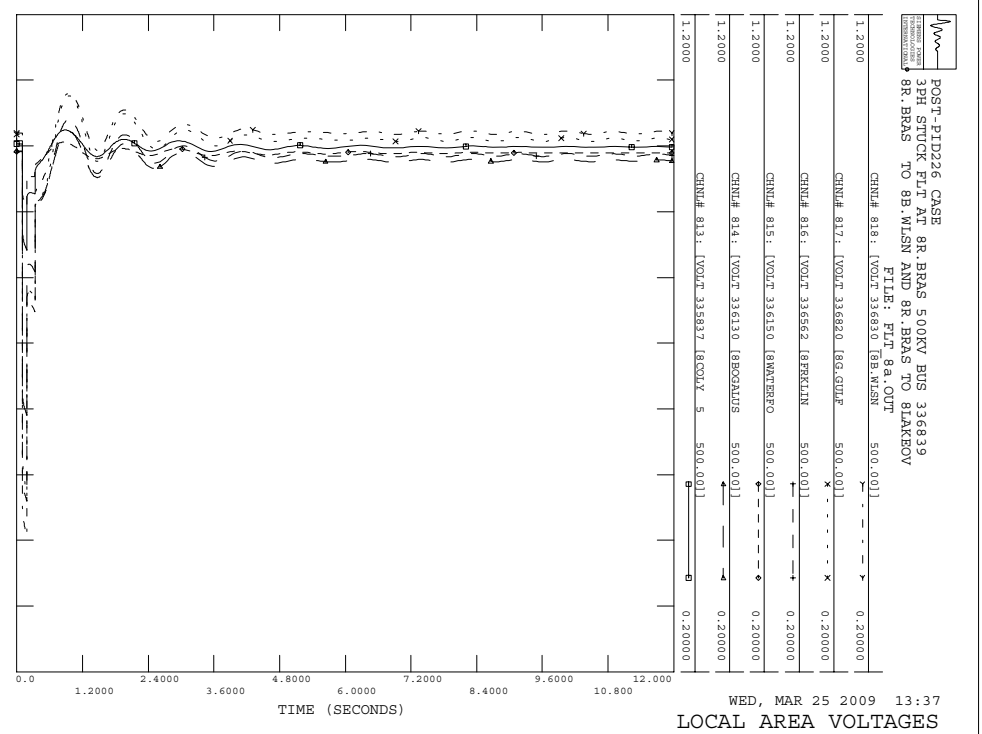
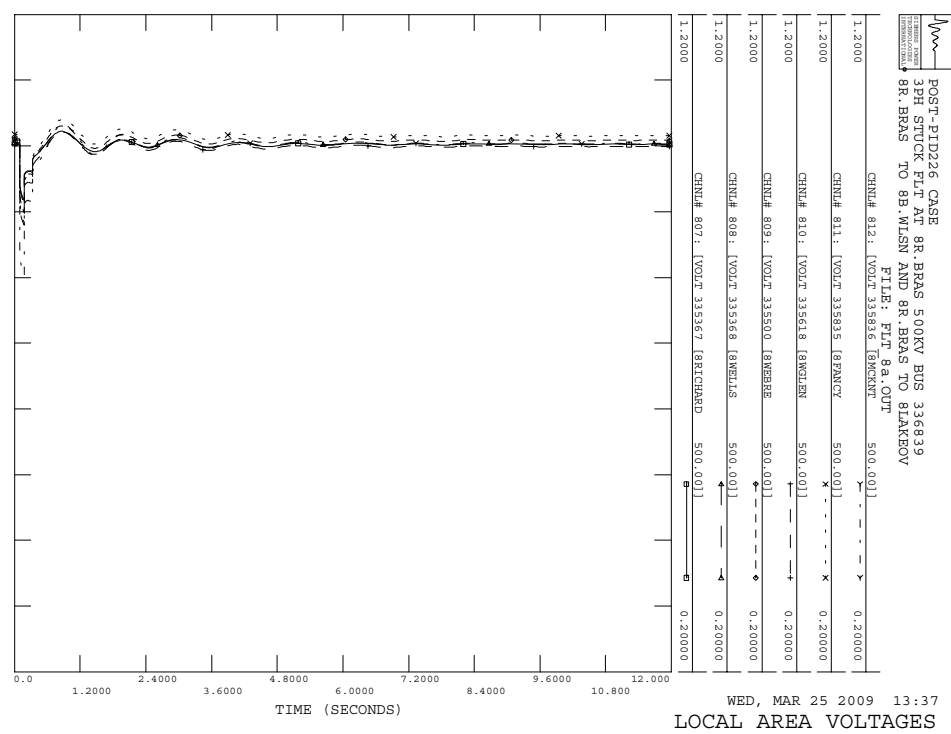
POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8LAKROV AND 8R:BRAS TO 8FRKLIN
 FILE: FLT_7B_OUT



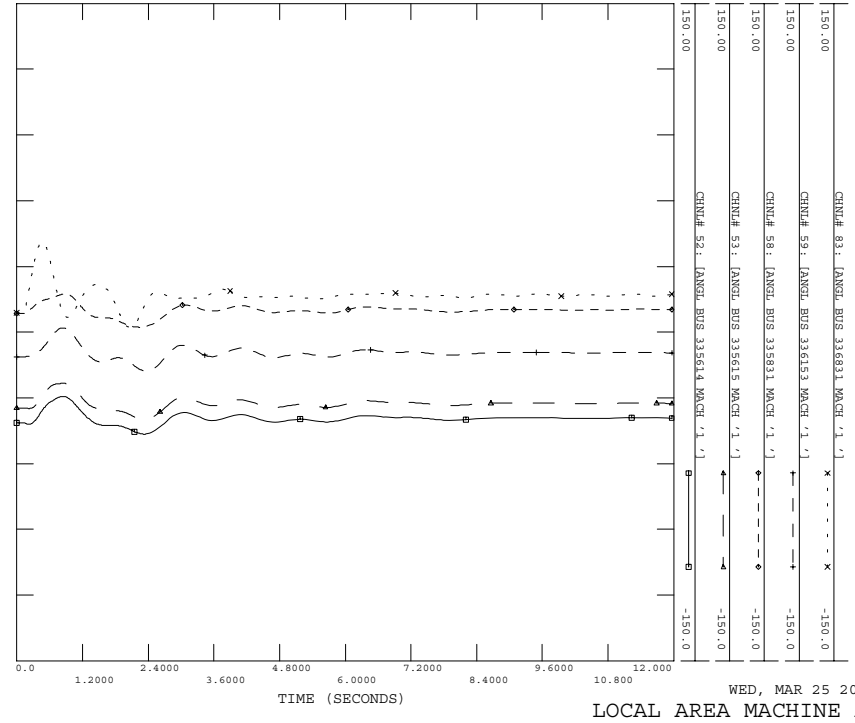
C.27 FLT_8a

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

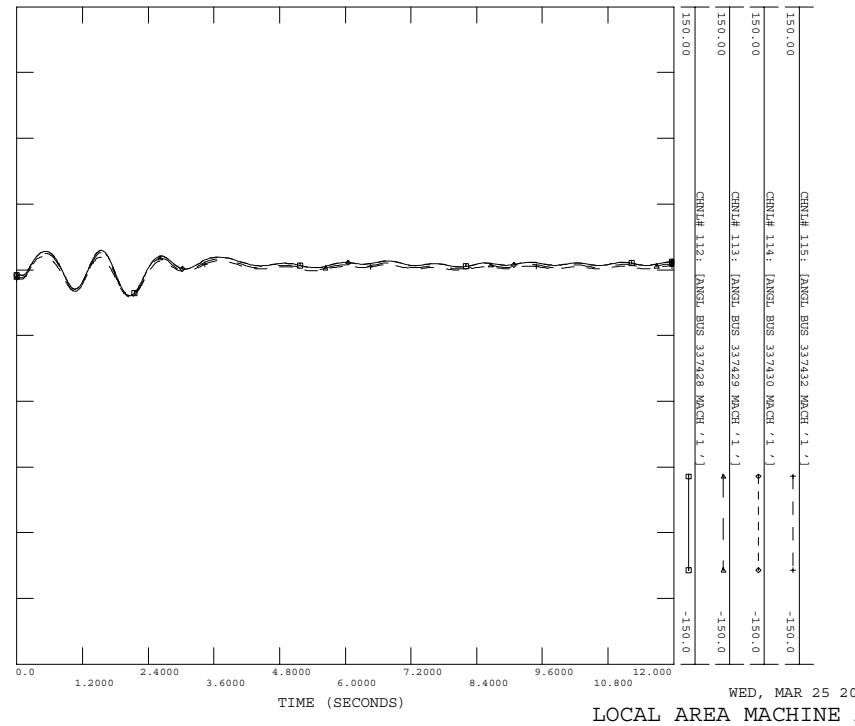
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKEOV.



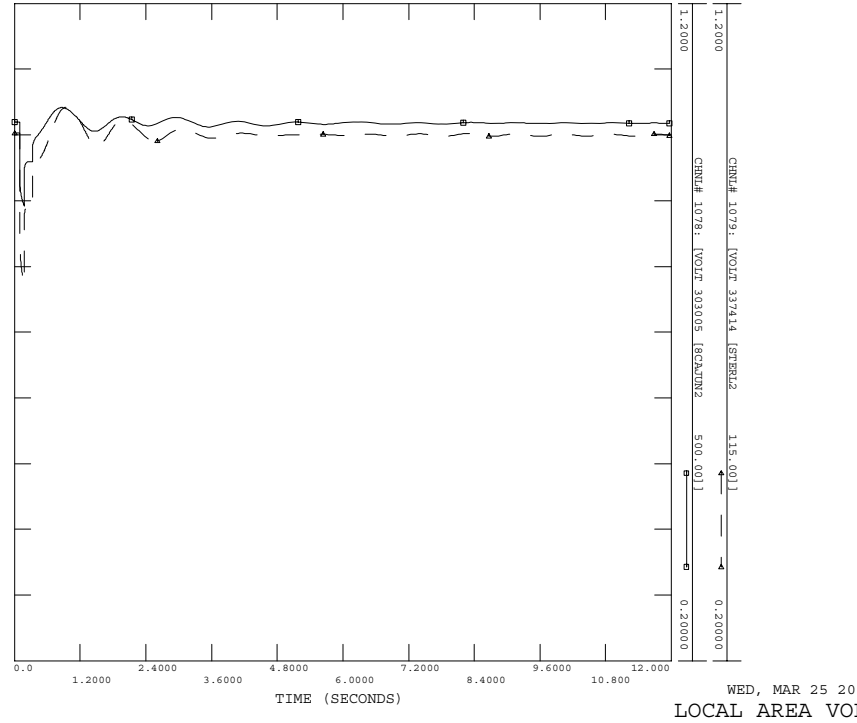
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



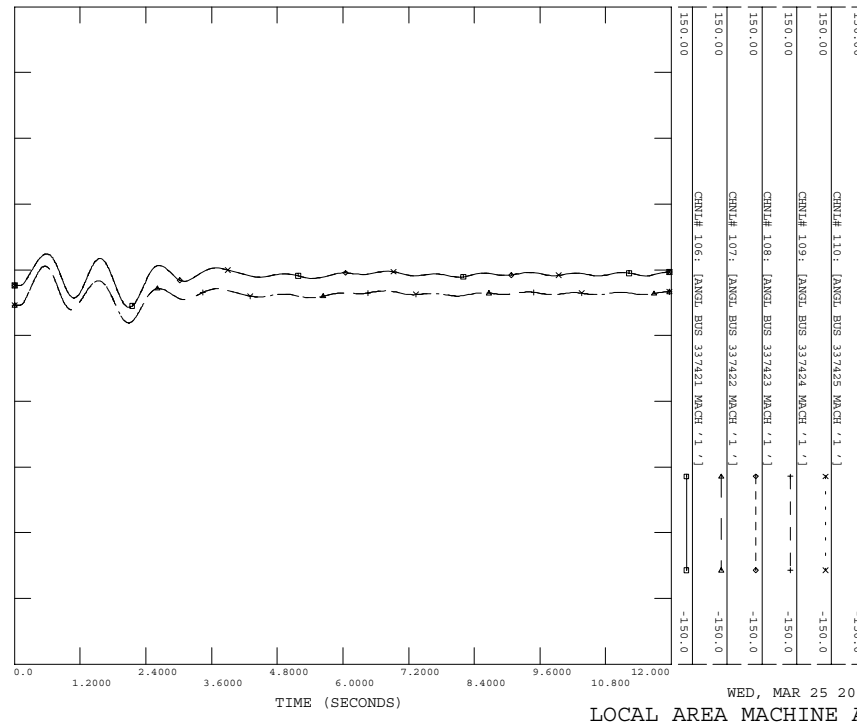
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



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

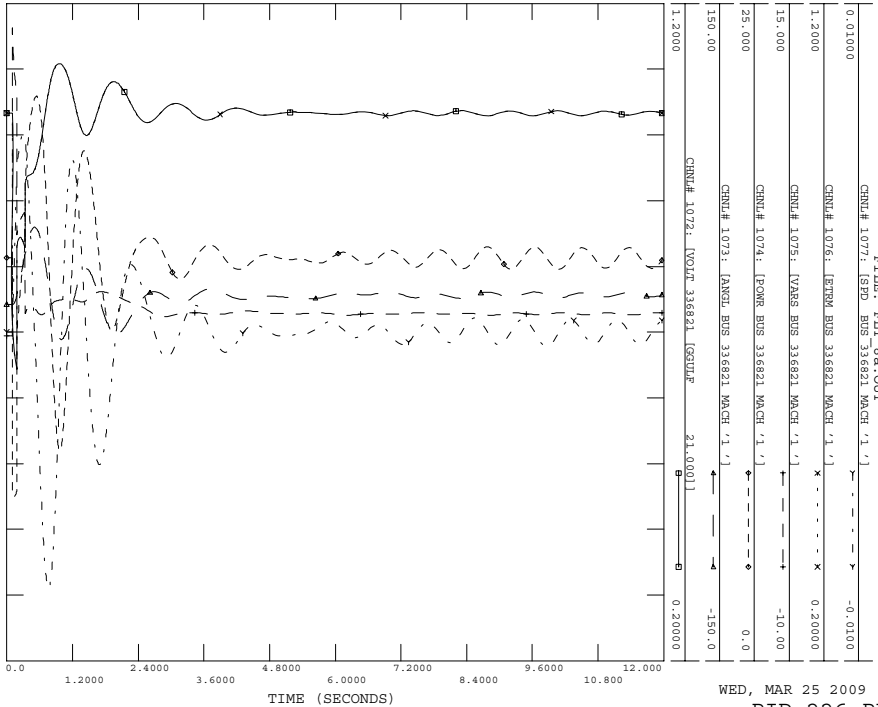


POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 8LAKROV
 FILE: FLT_8a.OUT

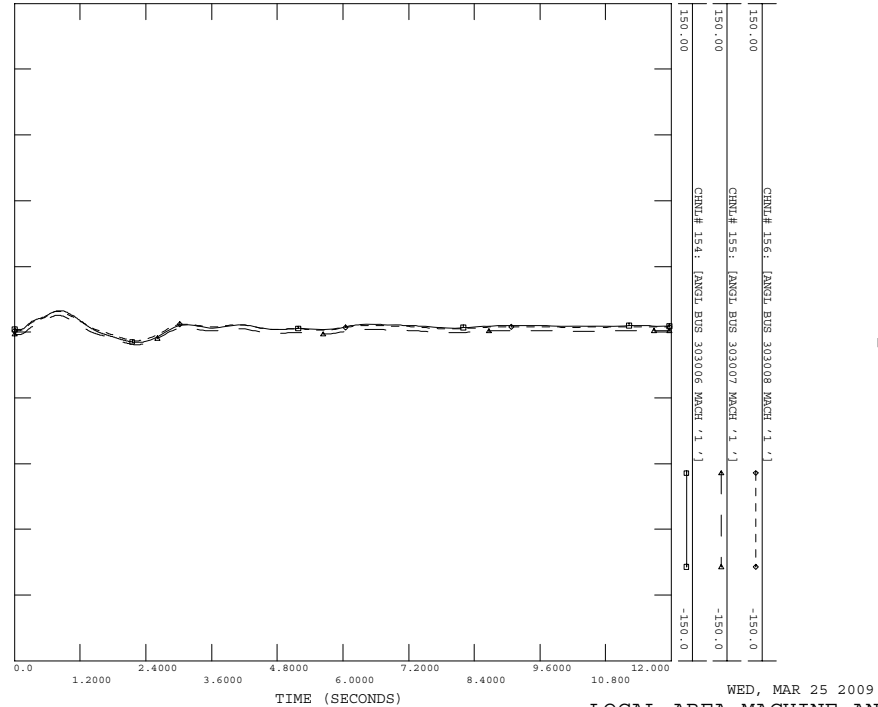




POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8B:WLSN AND 8R:BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



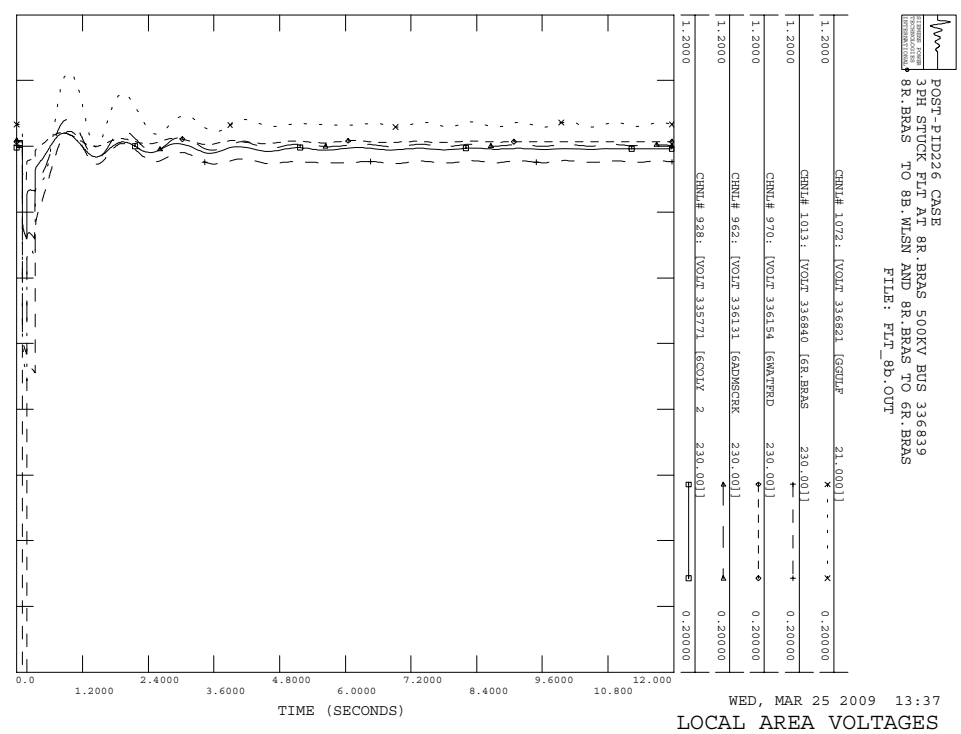
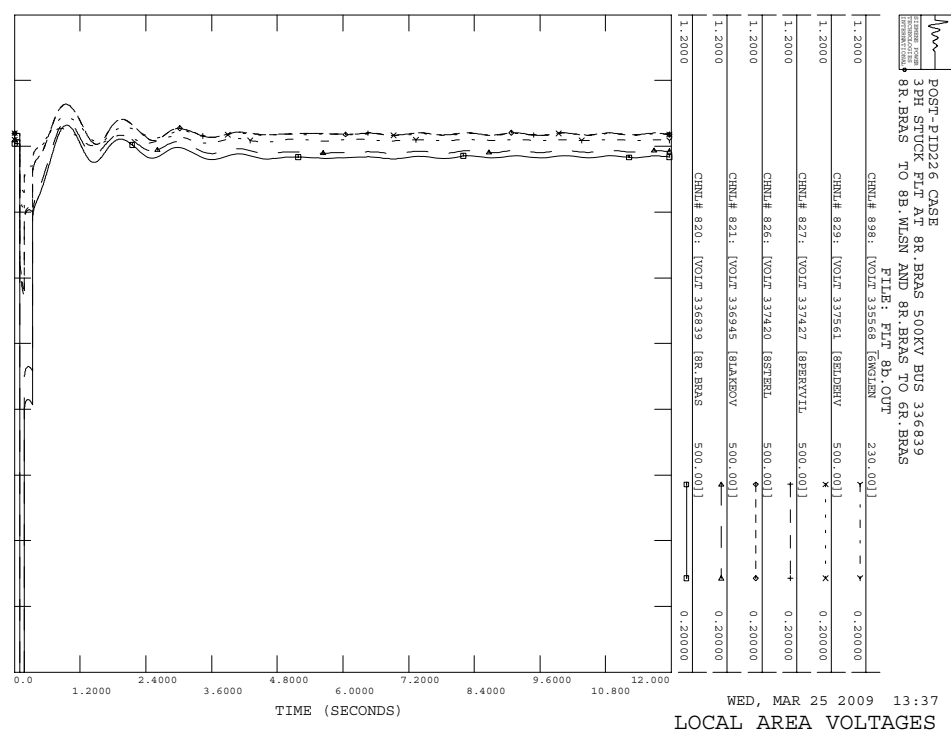
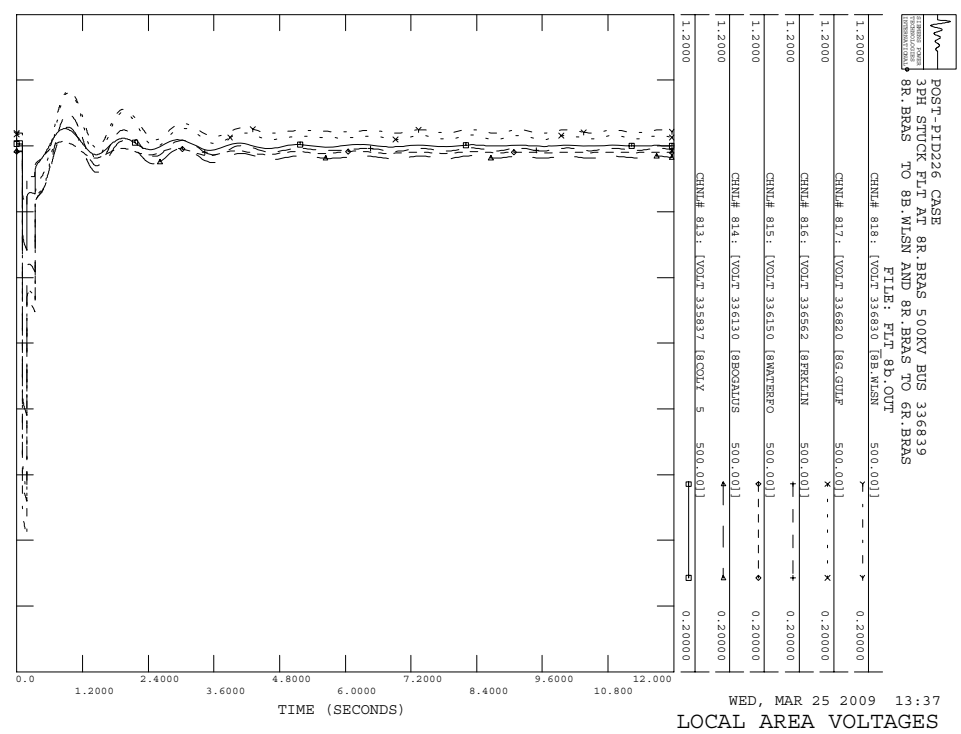
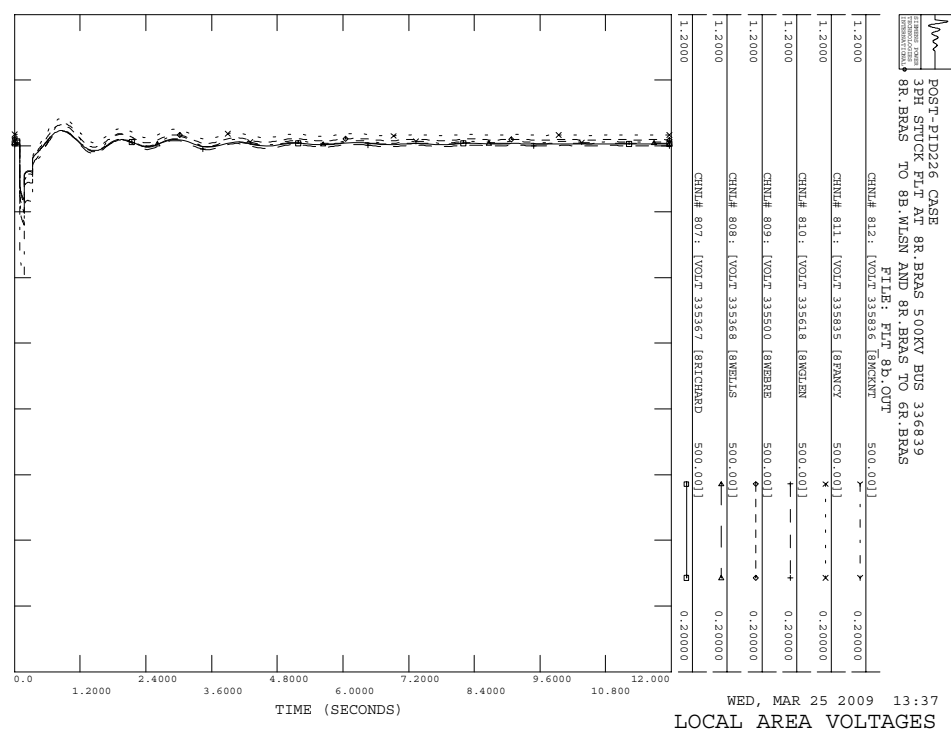
POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 8B:WLSN AND 8R:BRAS TO 8LAKROV
 FILE: FLT_8a.OUT



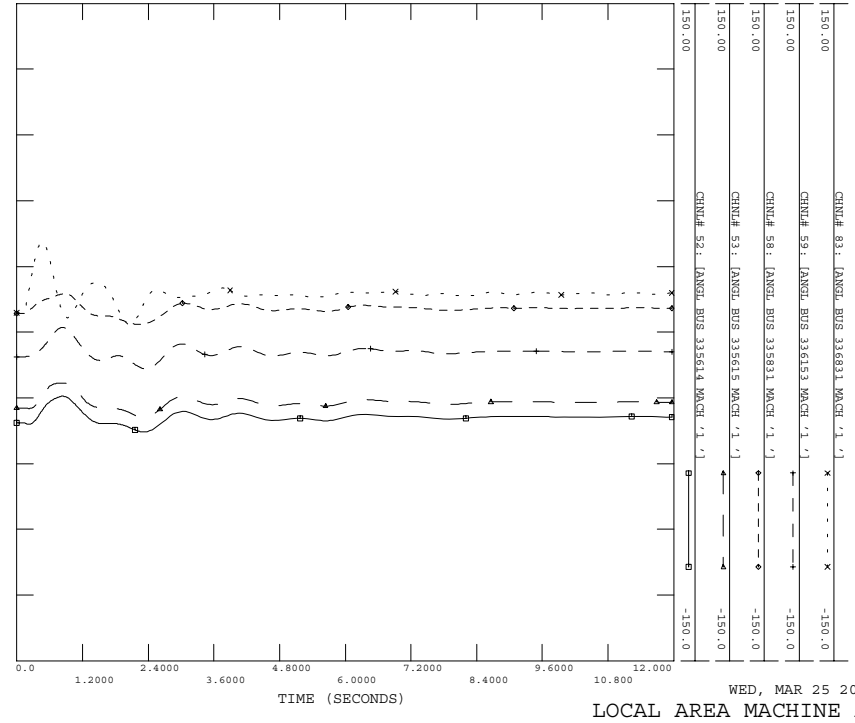
C.28 FLT_8b

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

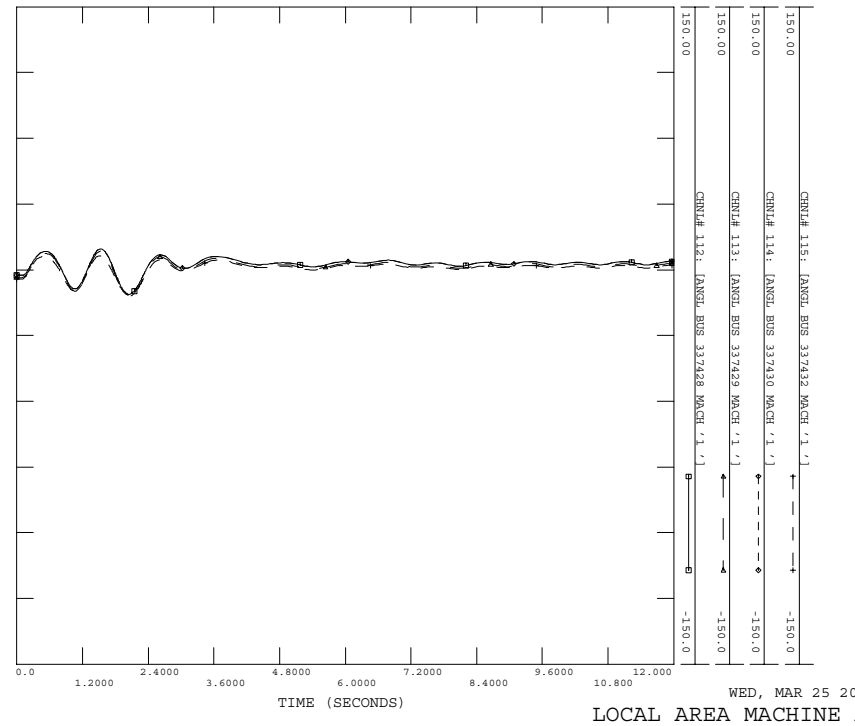
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS



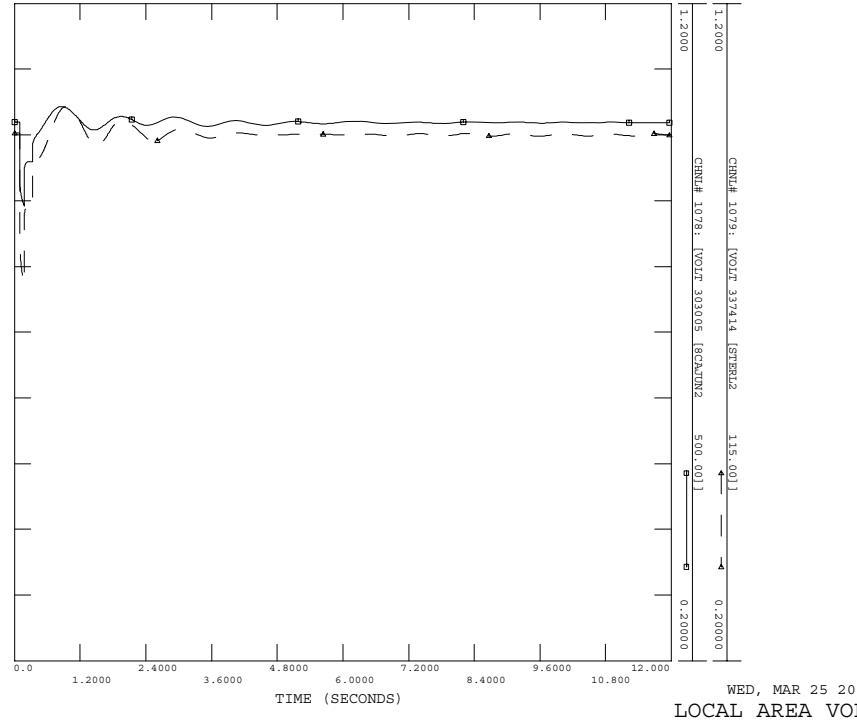
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



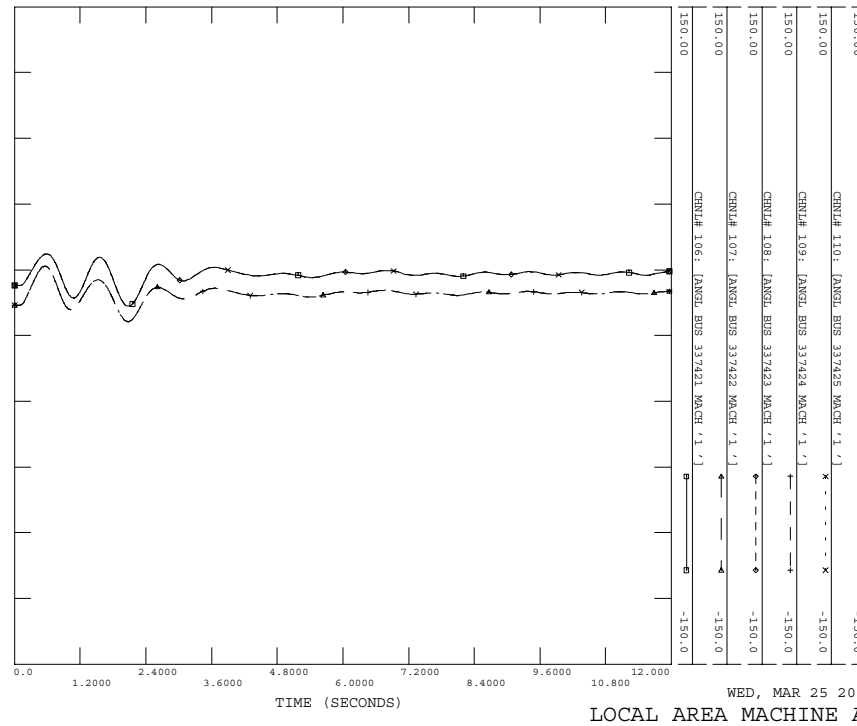
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



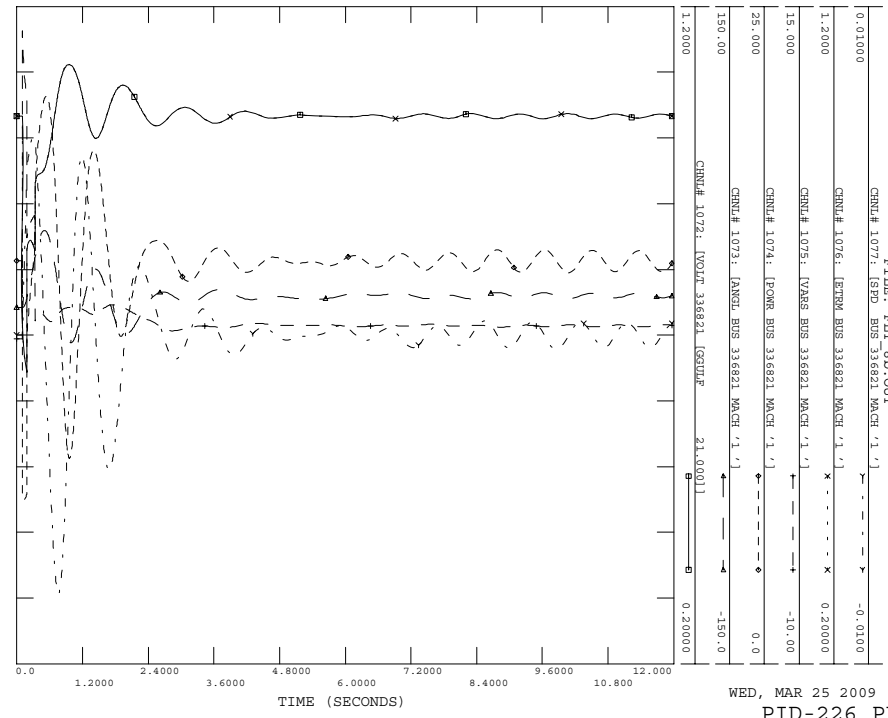
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



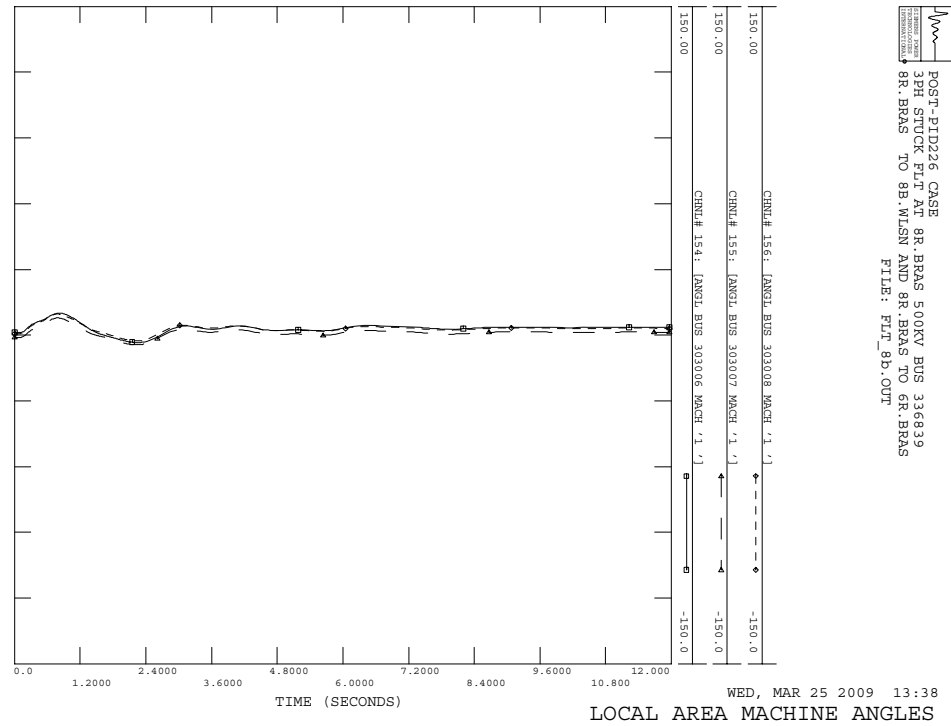
POST-PTD226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



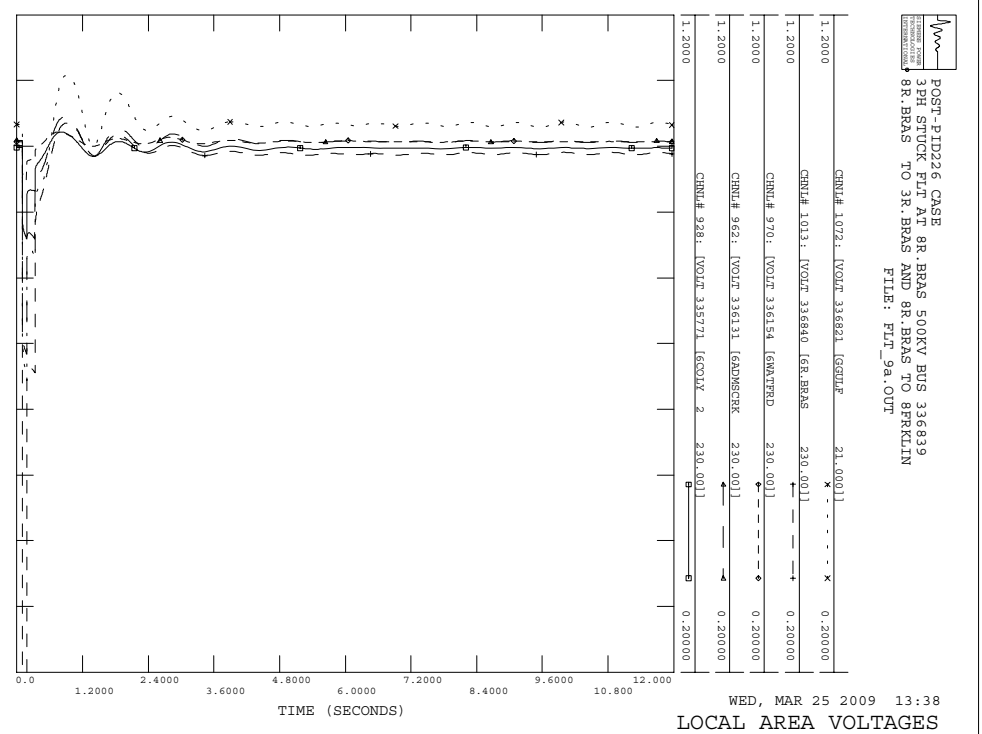
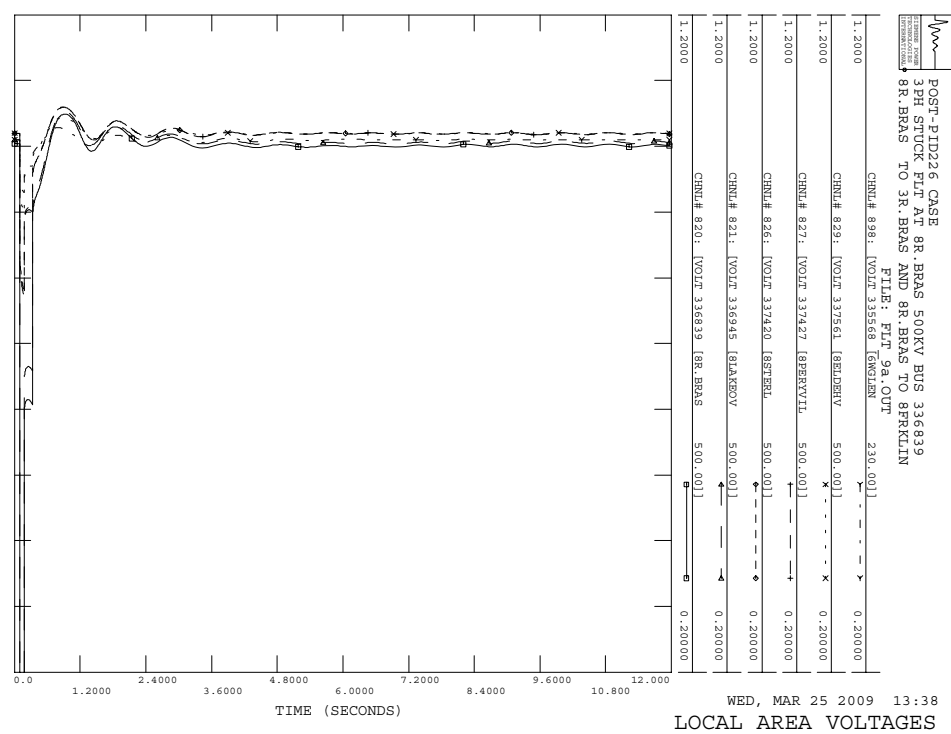
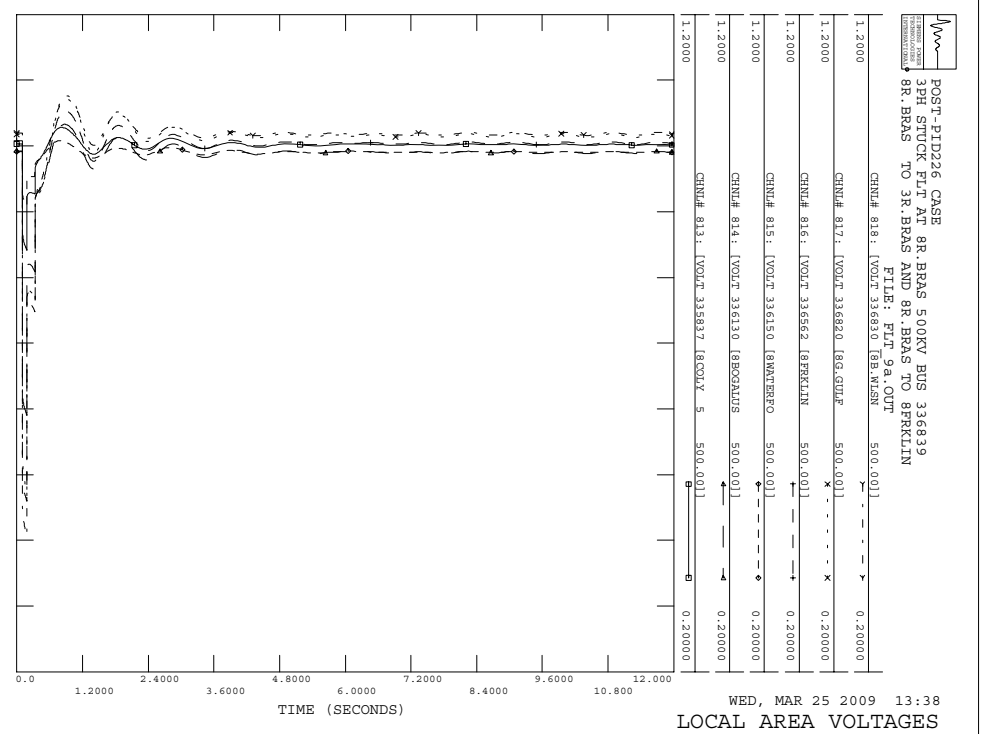
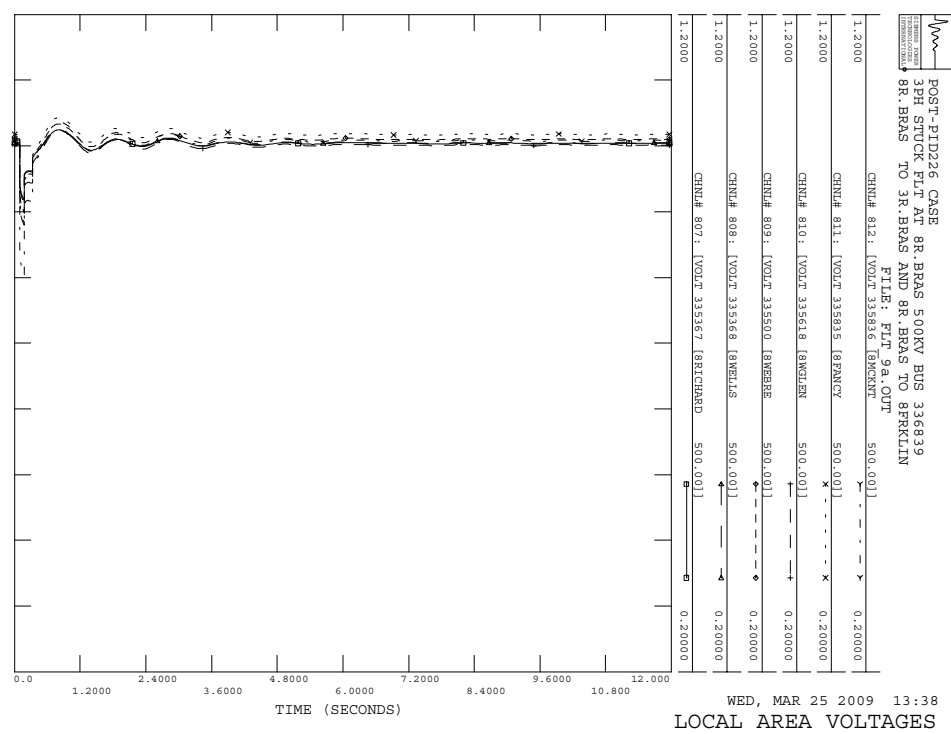
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 8B.WLSN AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_8B.OUT



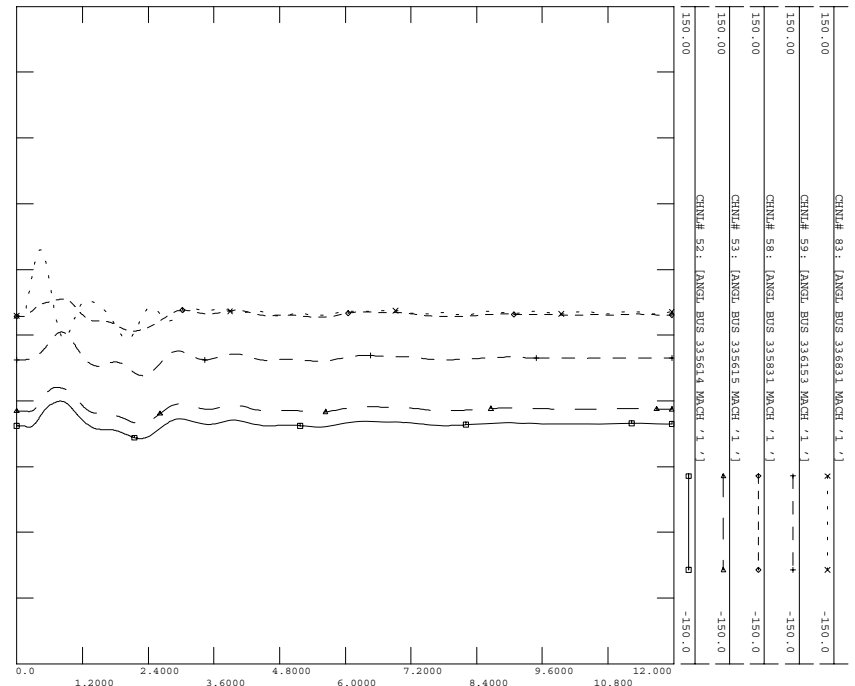
C.29 FLT_9a

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.

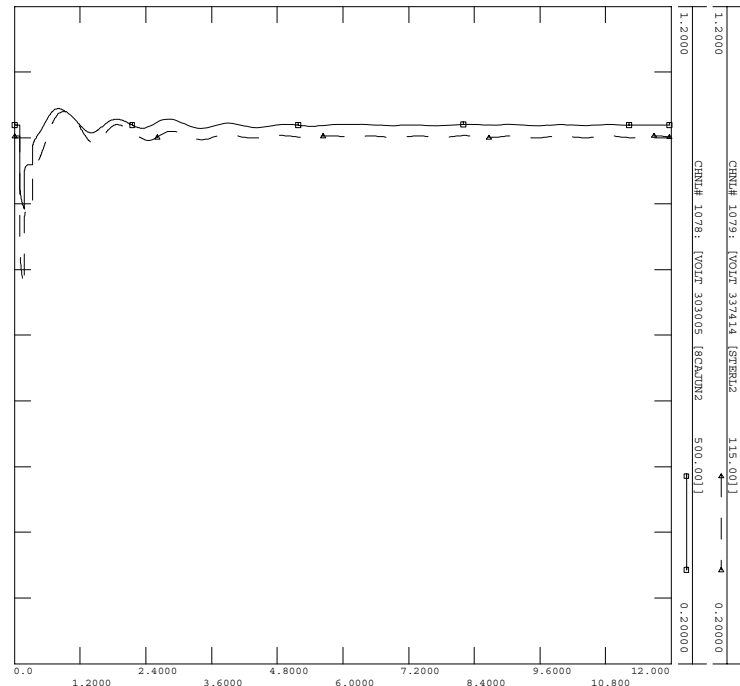


POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_9a.0UT



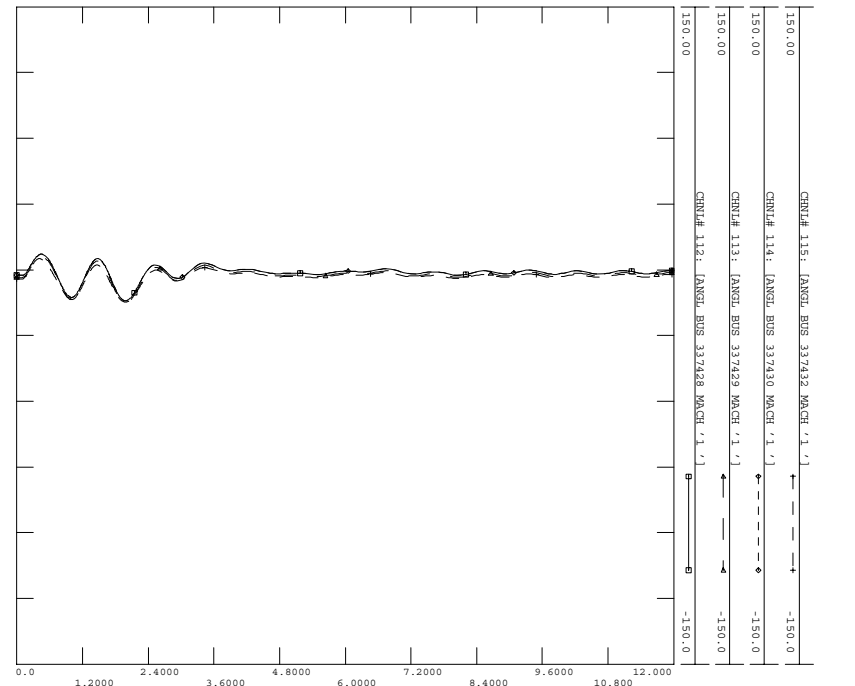
WED, MAR 25 2009 13:38

POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_9a.0UT



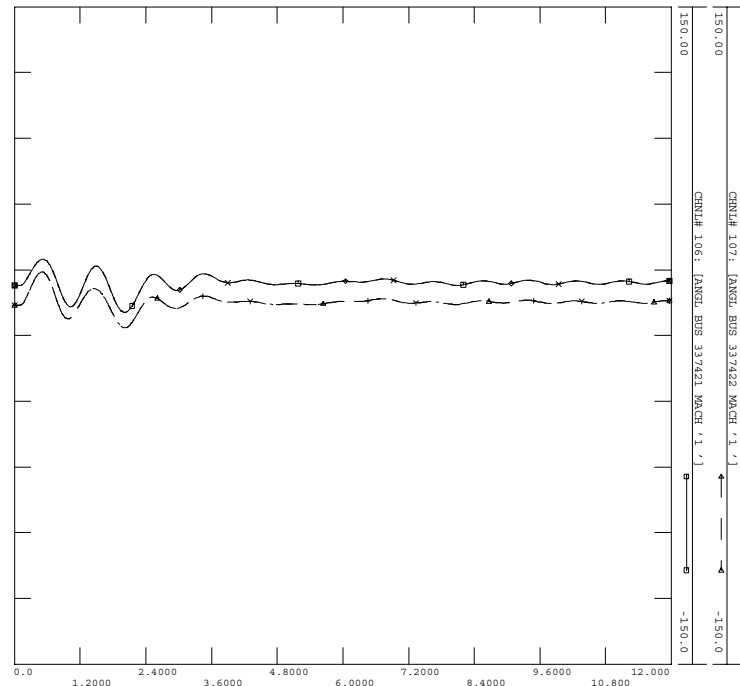
WED, MAR 25 2009 13:38

POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_9a.0UT



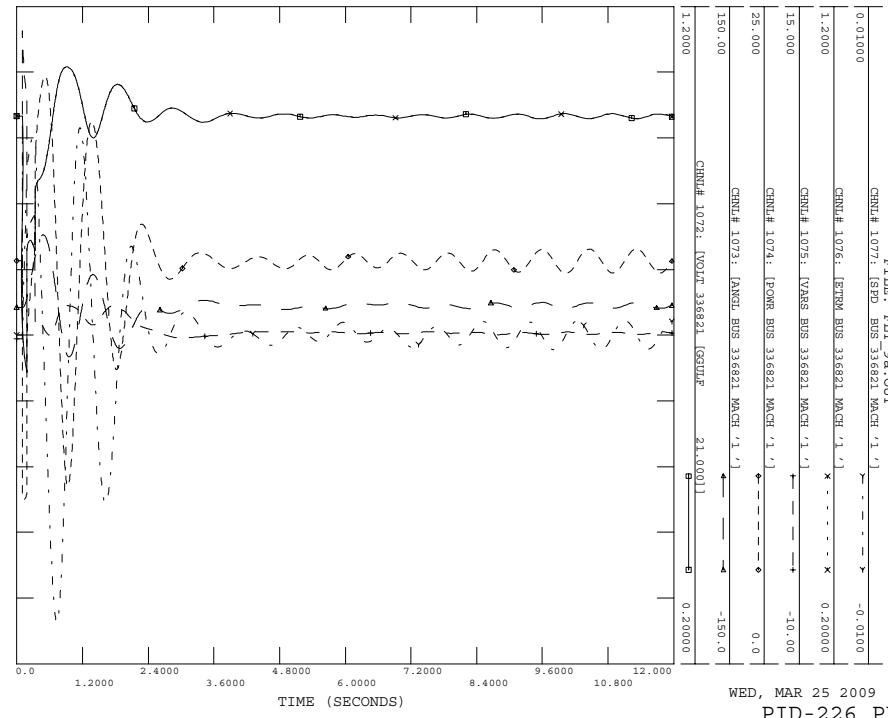
WED, MAR 25 2009 13:38

POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 8FRKLLIN
 FILE: FLT_9a.0UT

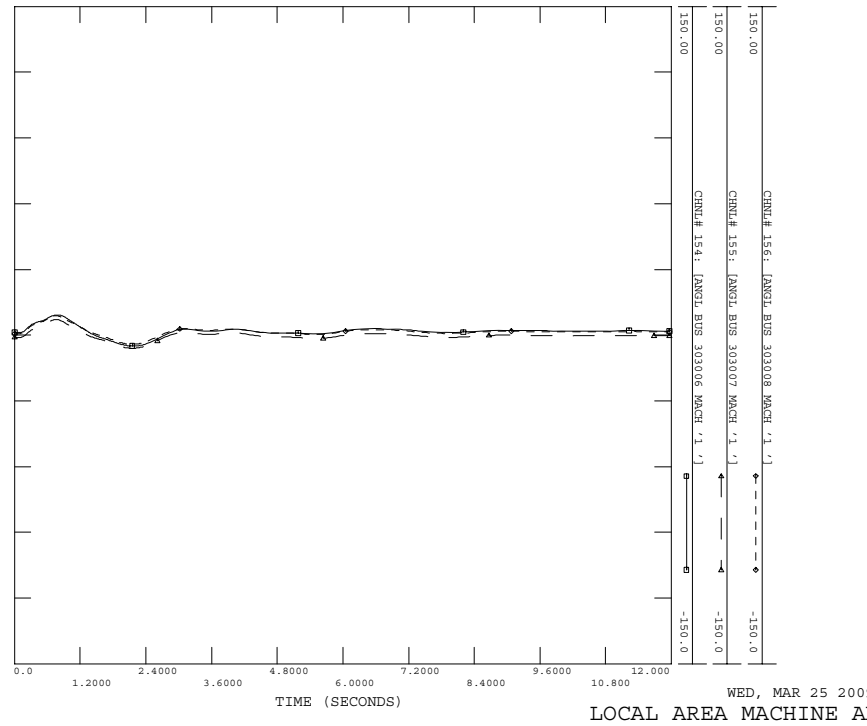


WED, MAR 25 2009 13:38

POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 3R:BRAS AND 8R:BRAS TO 8FRKLIN
 FILE: FLT_98.OUT



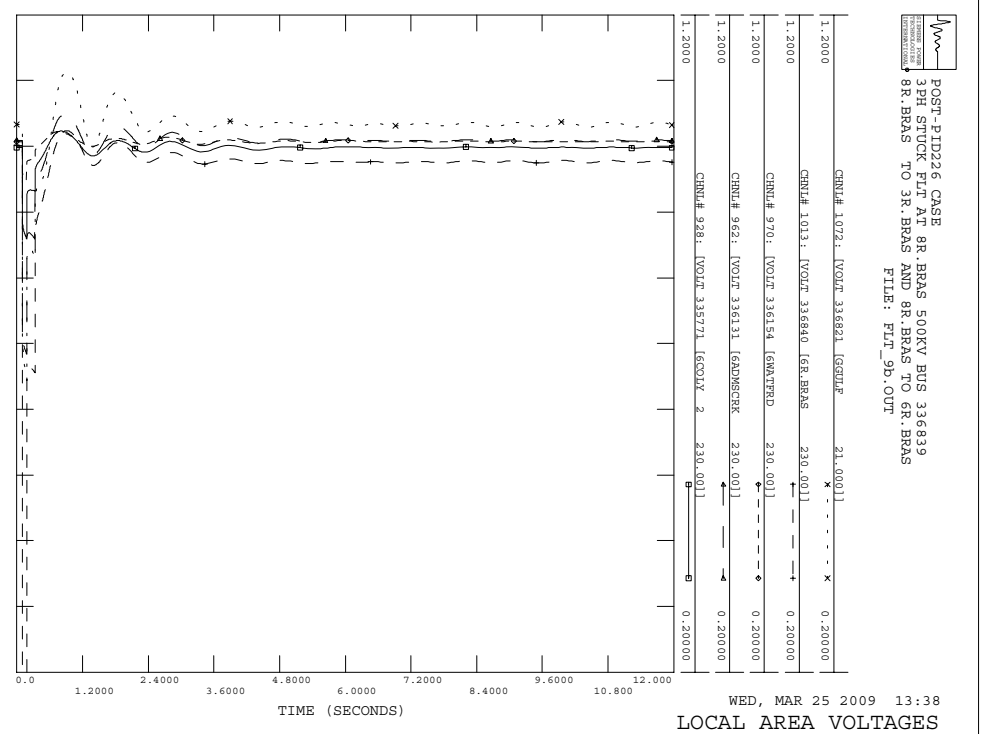
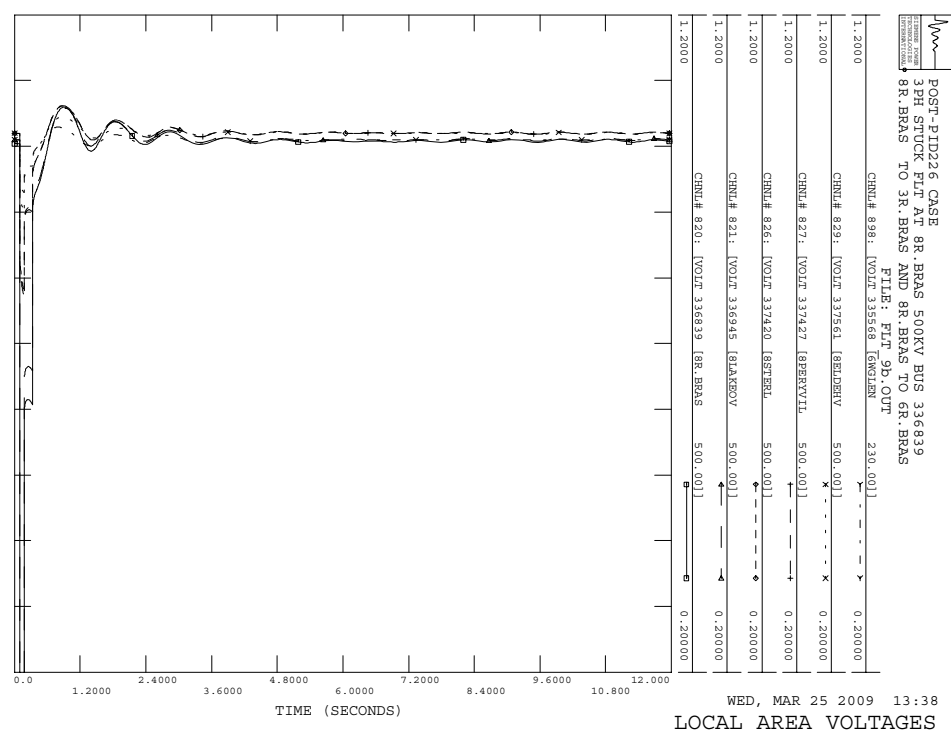
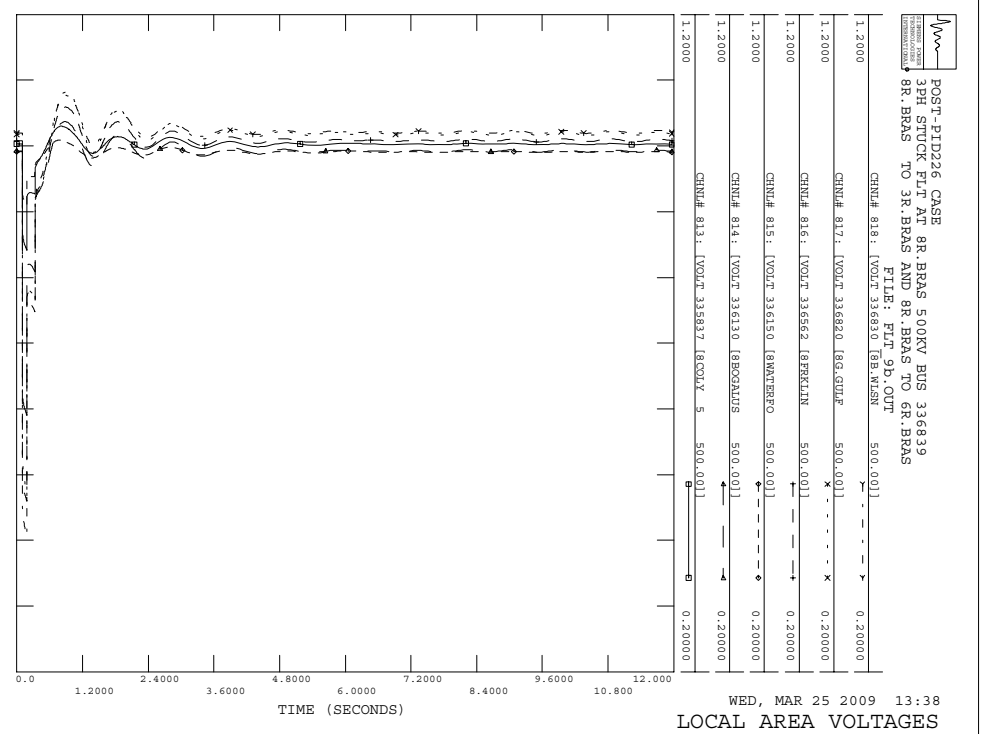
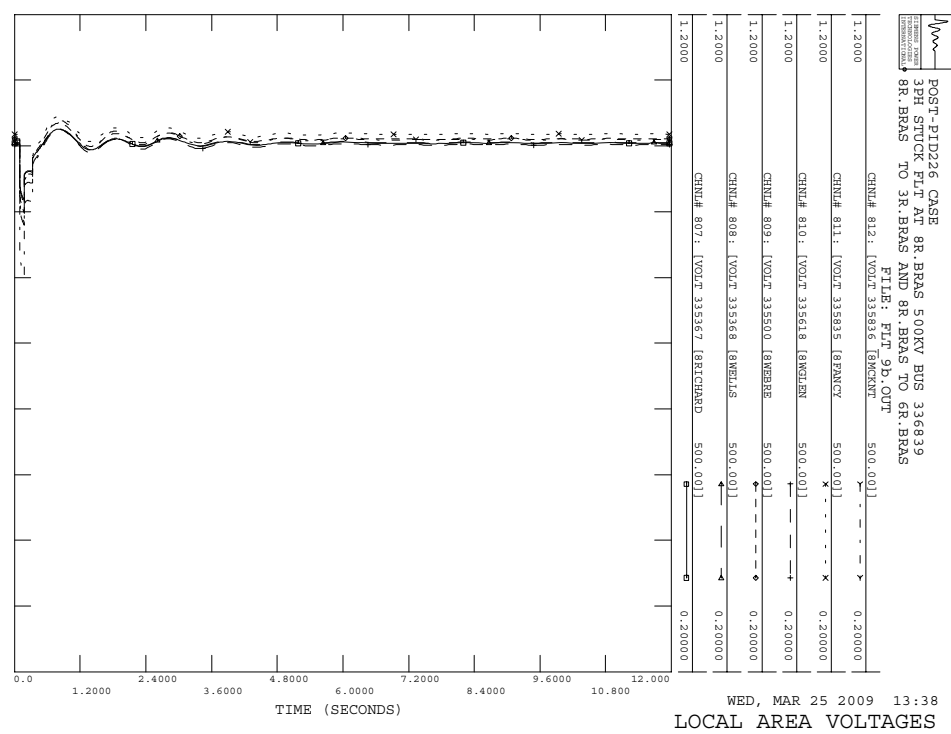
POST-PID226 CASE
 3PH STUCK FLT AT 8R:BRAS 500KV BUS 336839
 8R:BRAS TO 3R:BRAS AND 8R:BRAS TO 8FRKLIN
 FILE: FLT_98.OUT



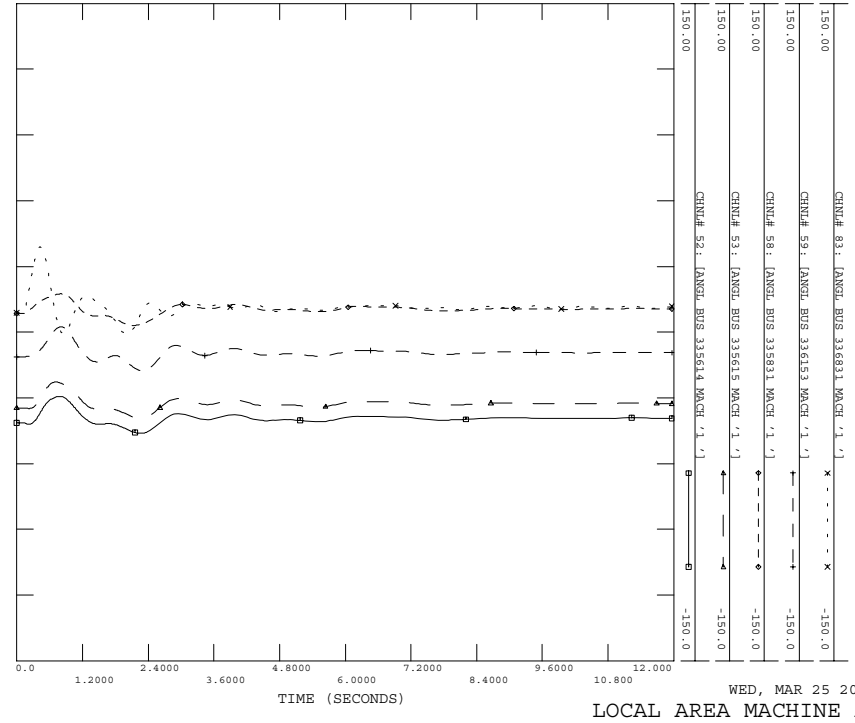
C.30 FLT_9b

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

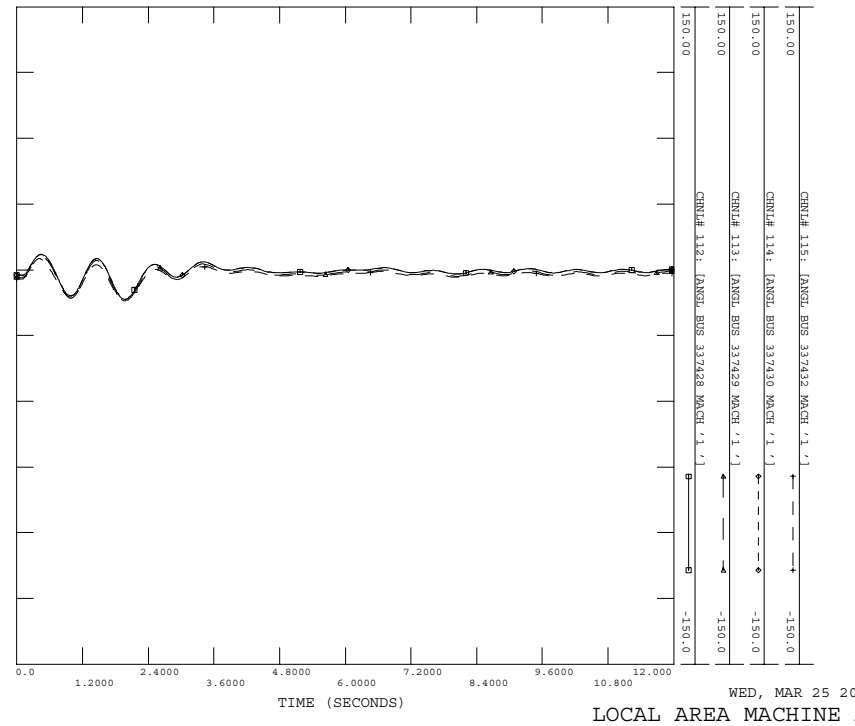
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS



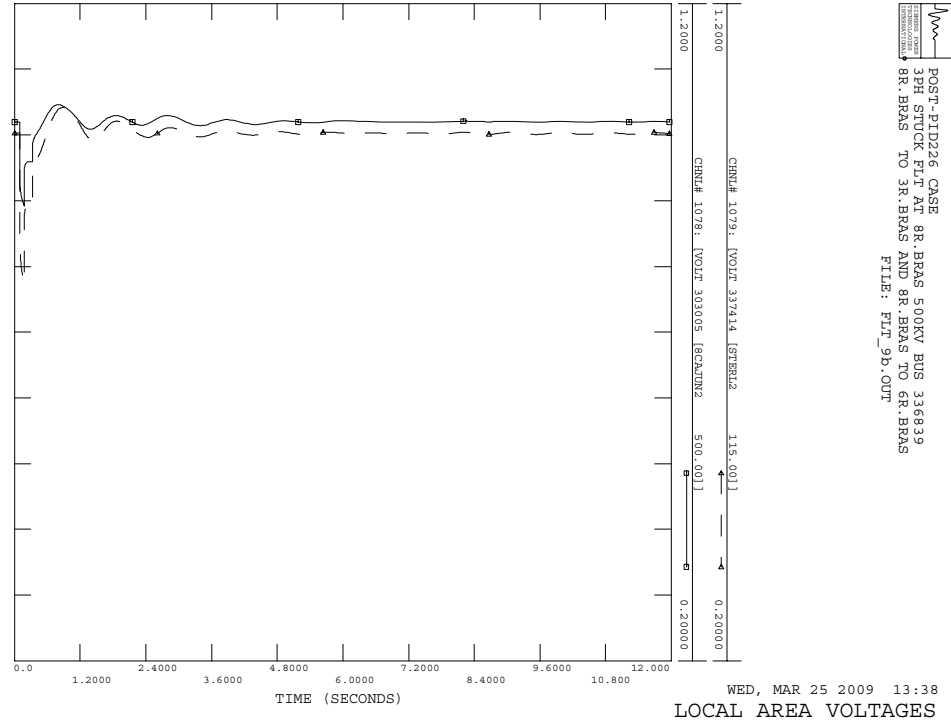
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_9P.OUT



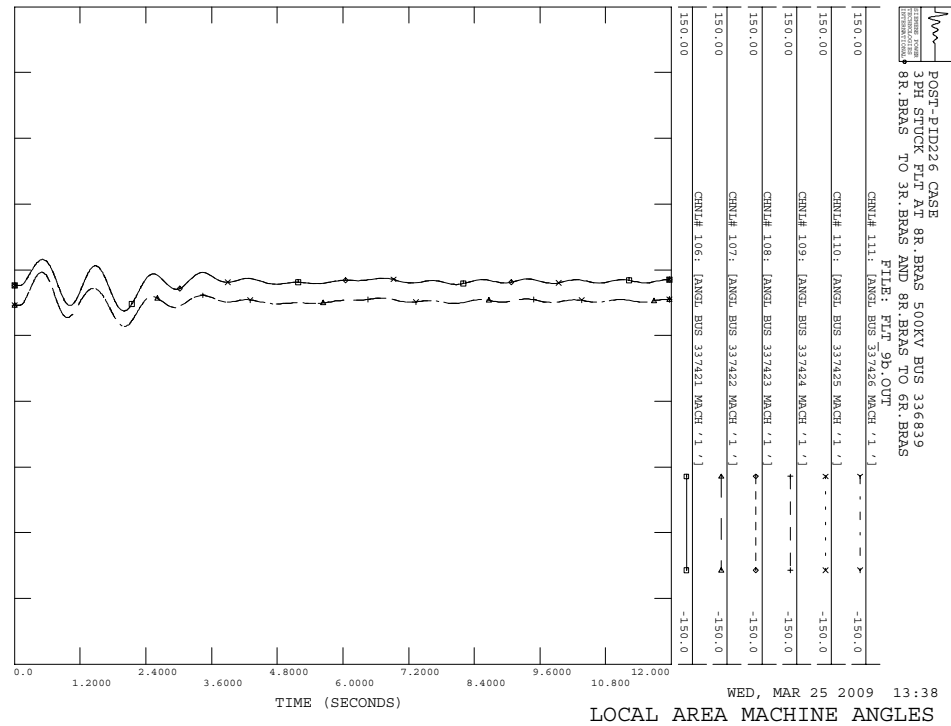
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_9P.OUT



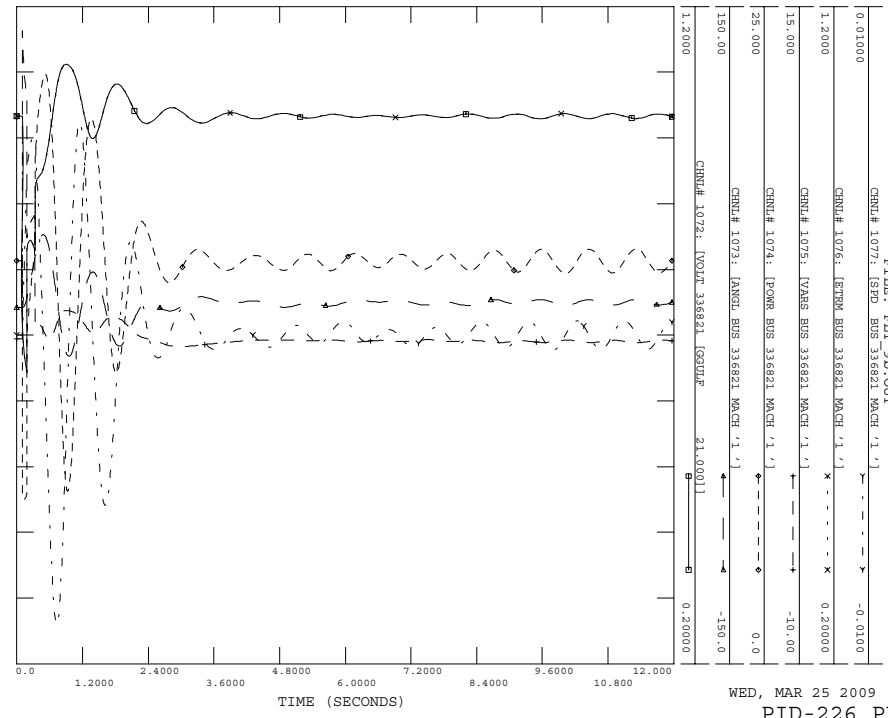
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_9P.OUT



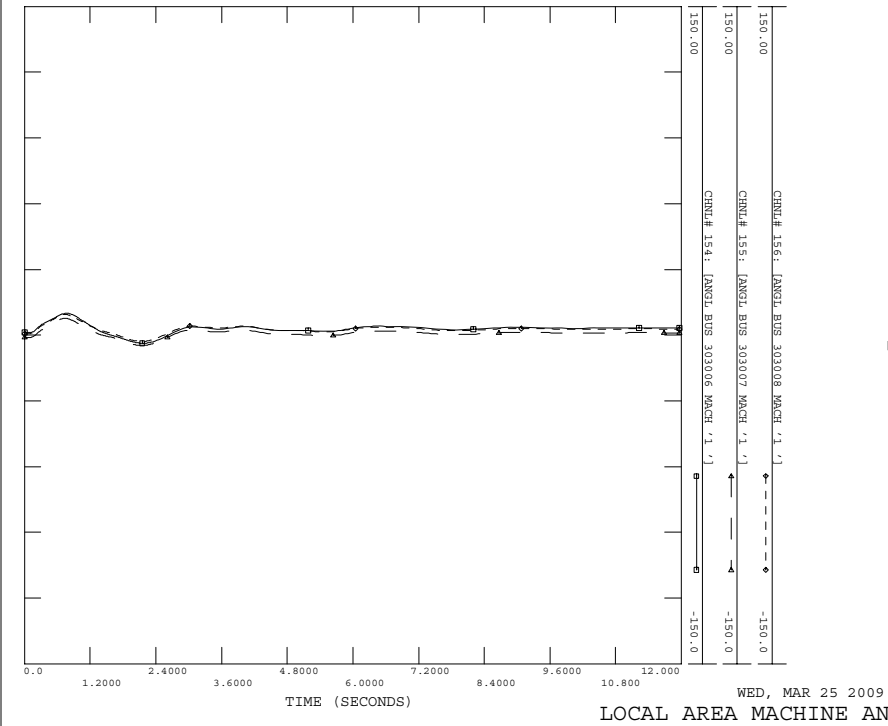
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_9P.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_9B.OUT



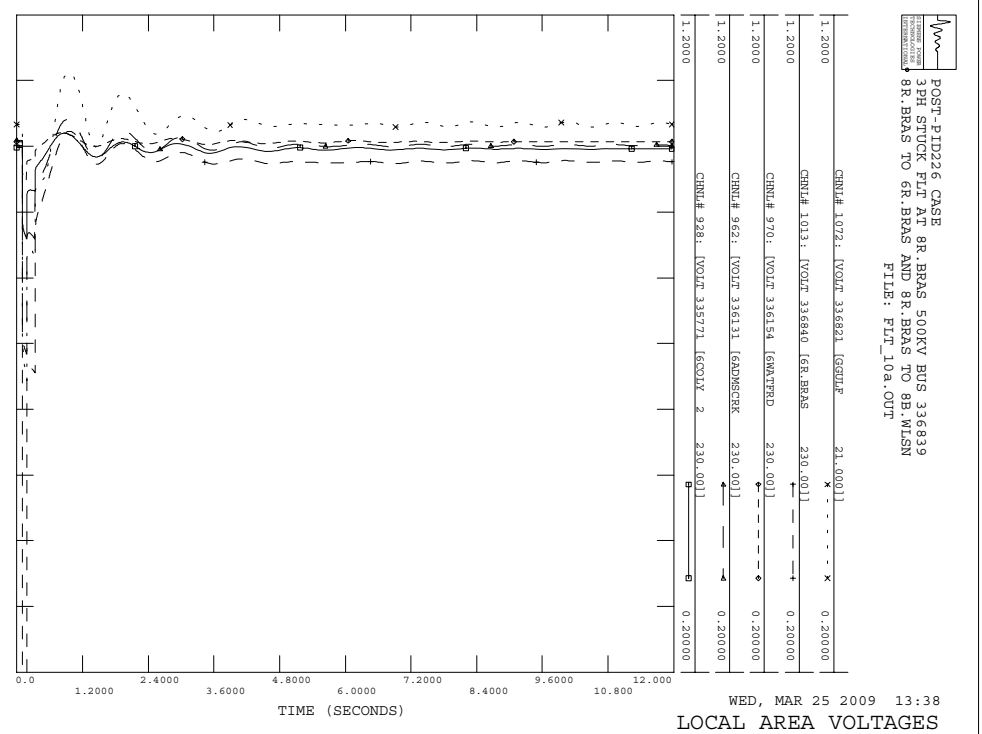
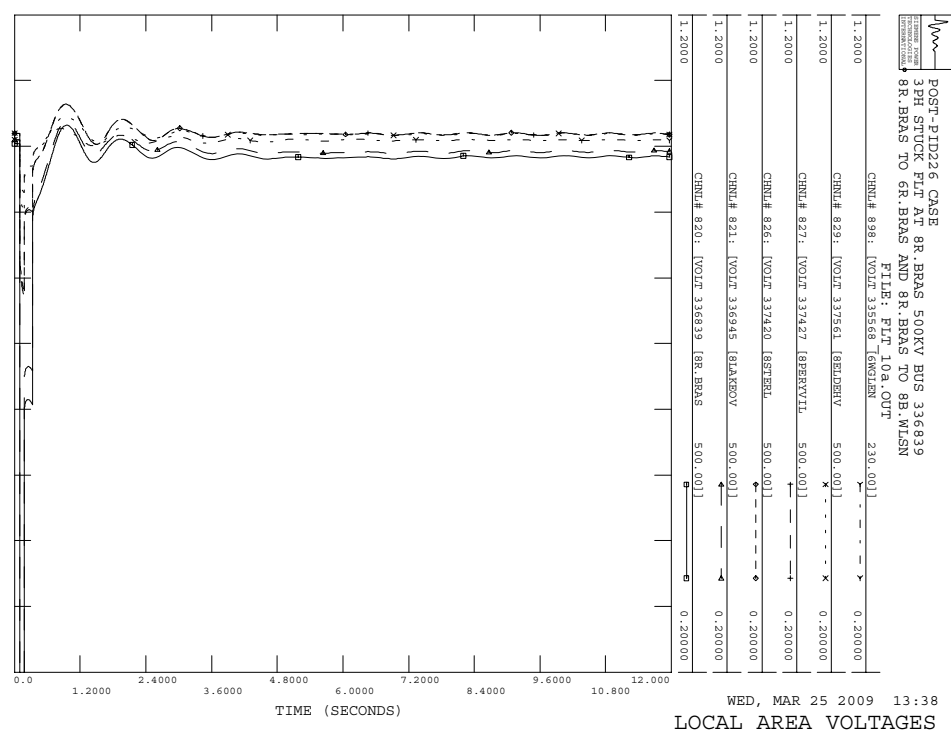
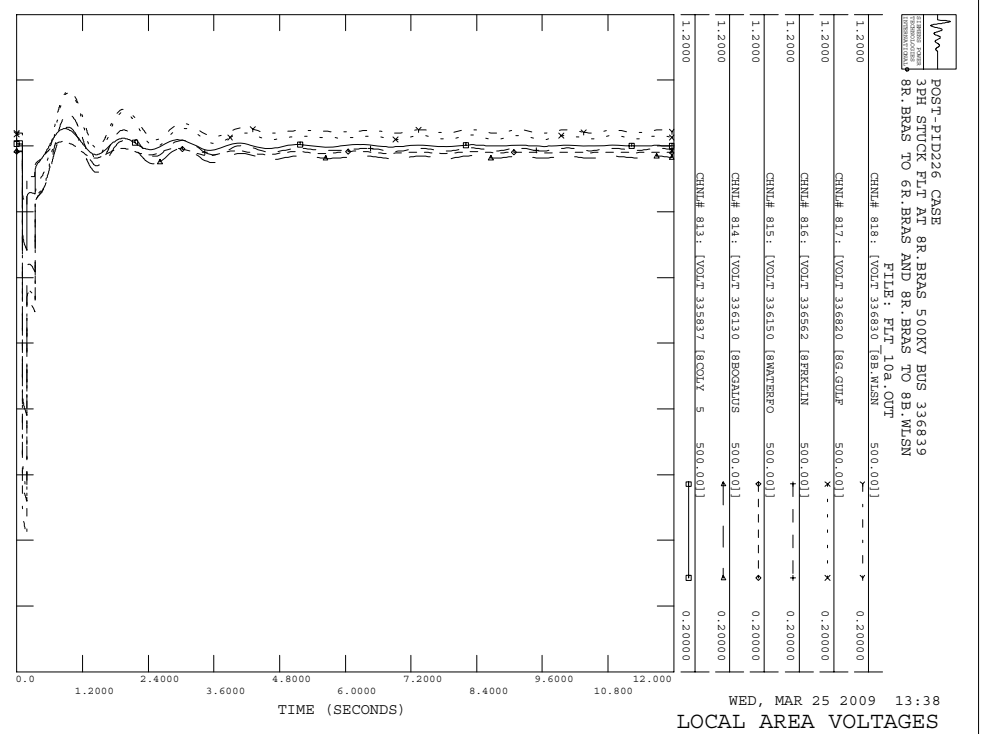
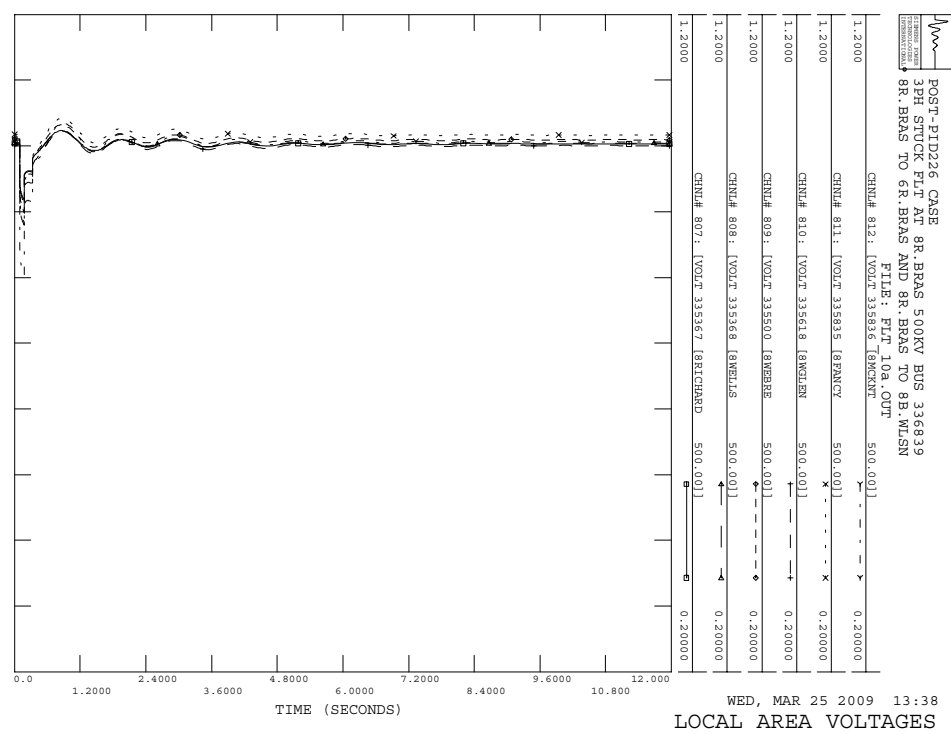
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 3R.BRAS AND 8R.BRAS TO 6R.BRAS
 FILE: FLT_9B.OUT



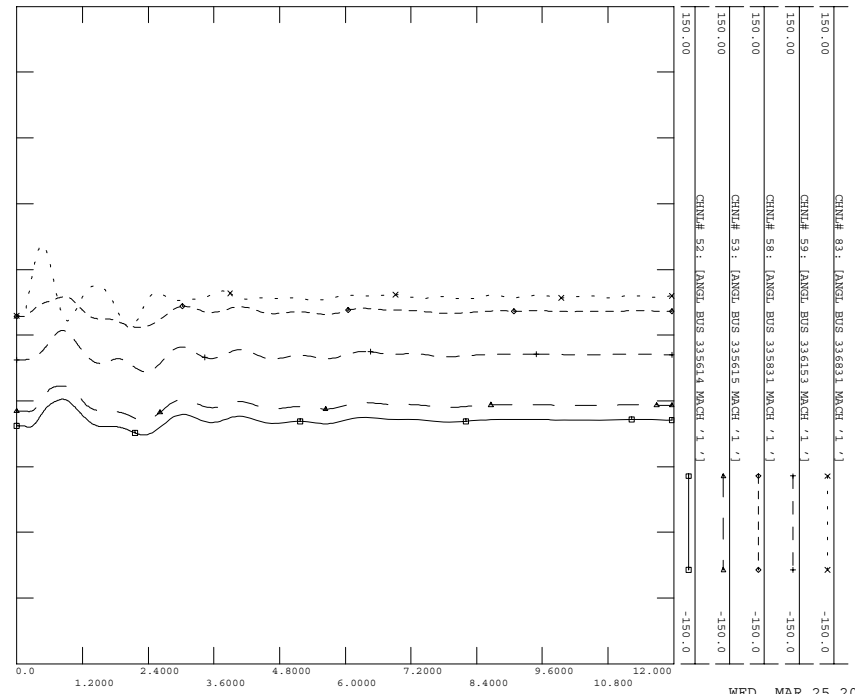
C.31 FLT_10a

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

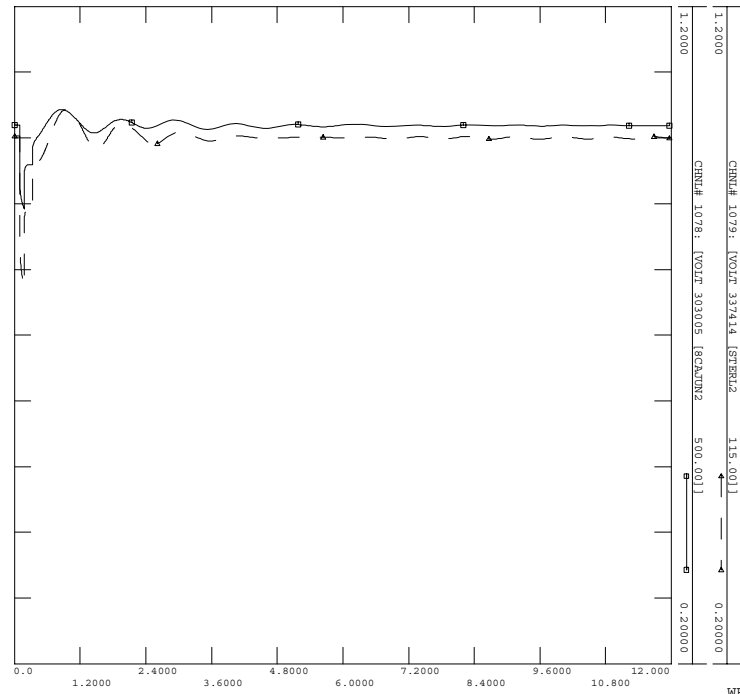
- a) Apply 3 Phase Fault AT 8R.BRAS 500KV BUS 336839
- b) Run fault for 5 cycles
- c) Remove Fault AT 8R.BRAS 500KV BUS 336839
- d) Apply 3 Phase fault at #336839 with admittance $765.3 -j 6686.74$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN.



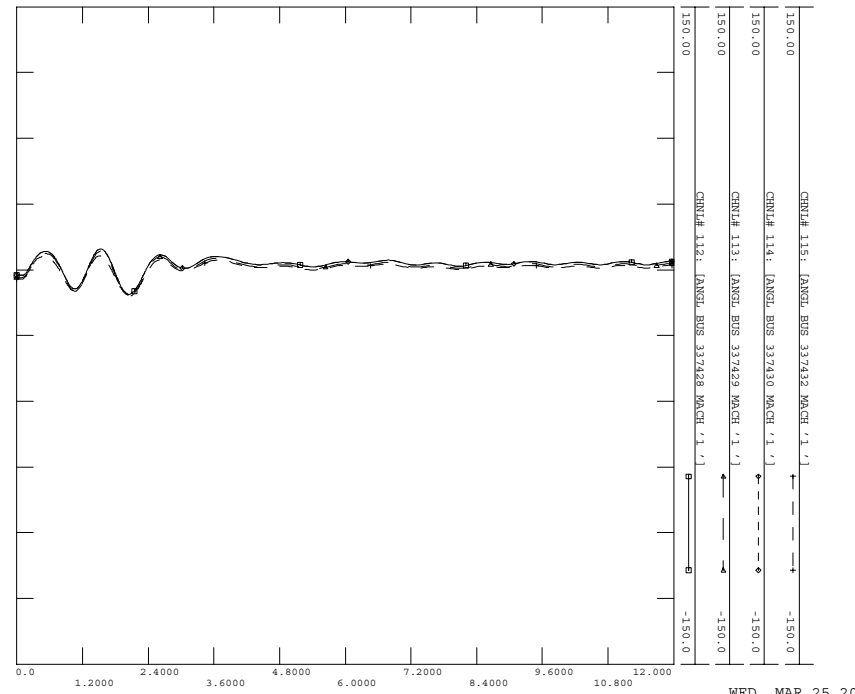
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN
 FILE: FLT_10a.OUT



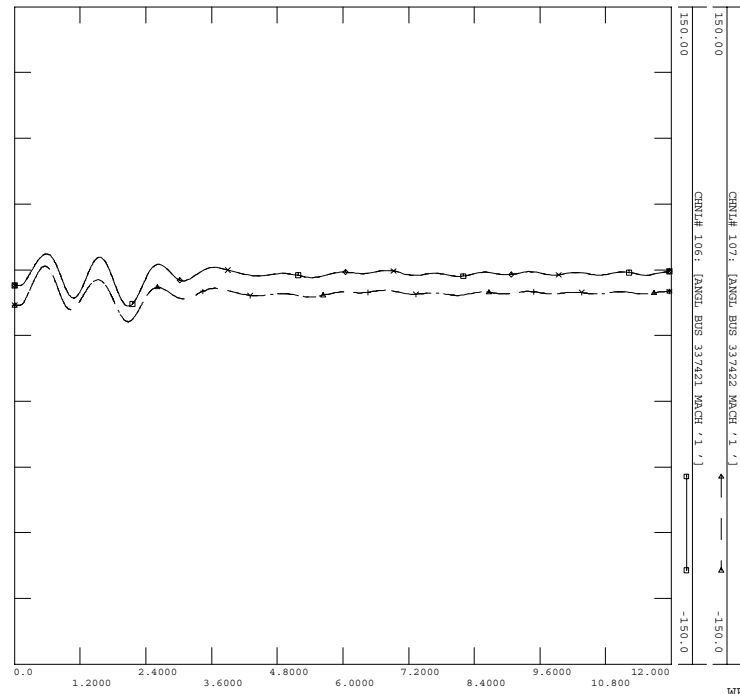
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN
 FILE: FLT_10a.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN
 FILE: FLT_10a.OUT

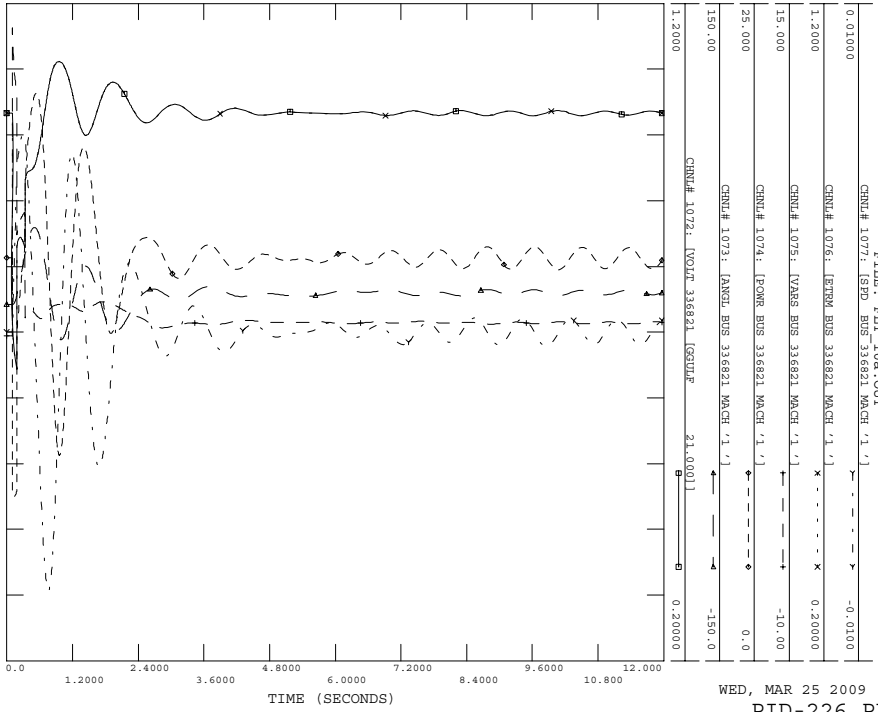


POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN
 FILE: FLT_10a.OUT

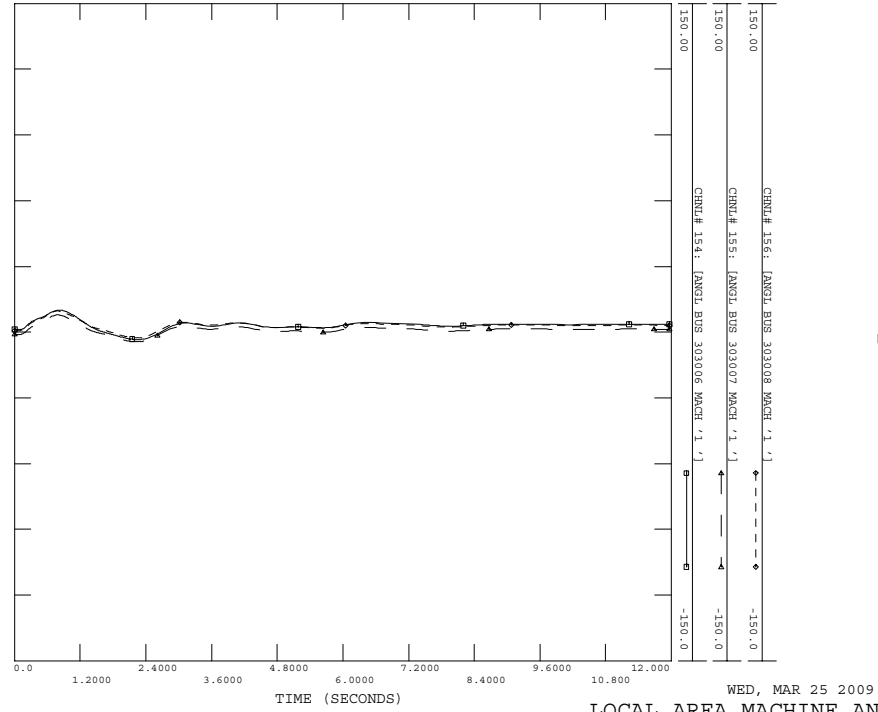




POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN
 FILE: FLT_10A.OUT



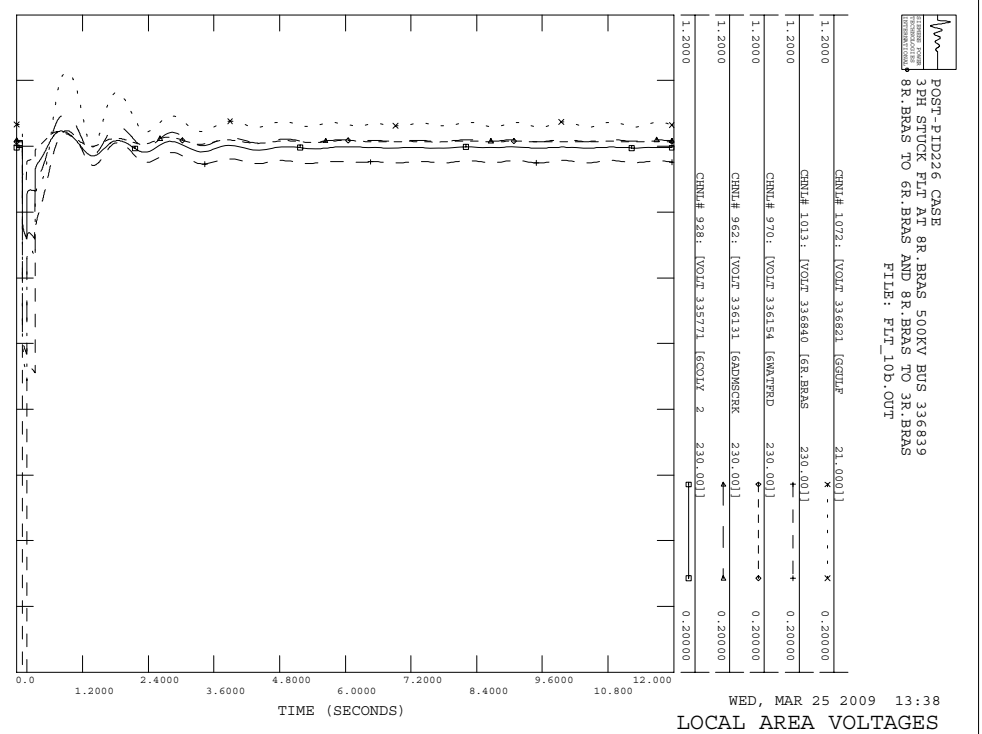
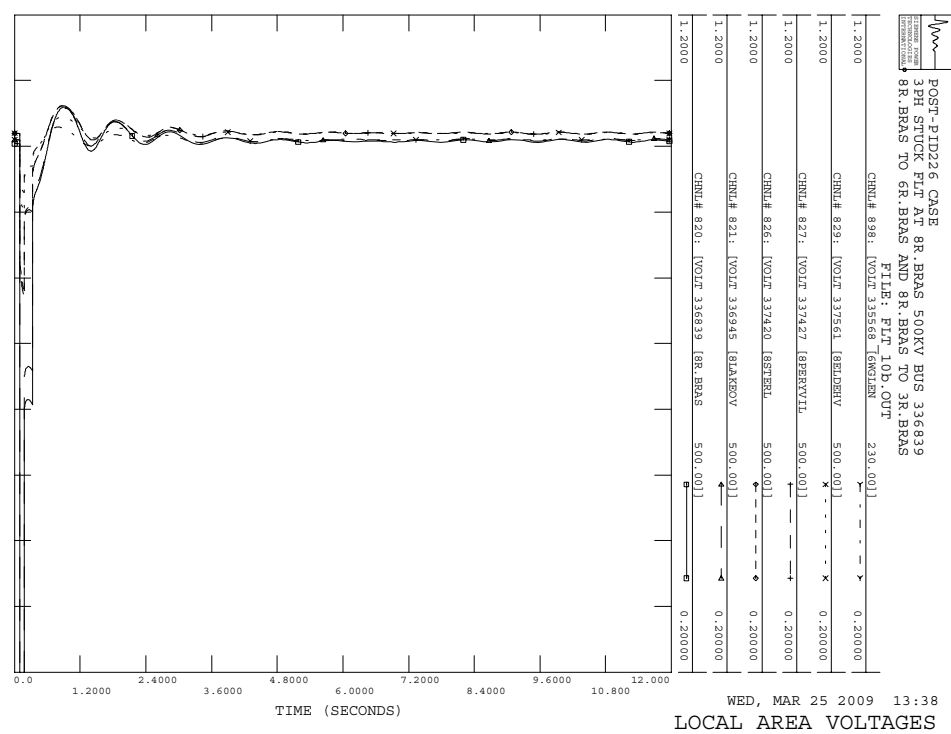
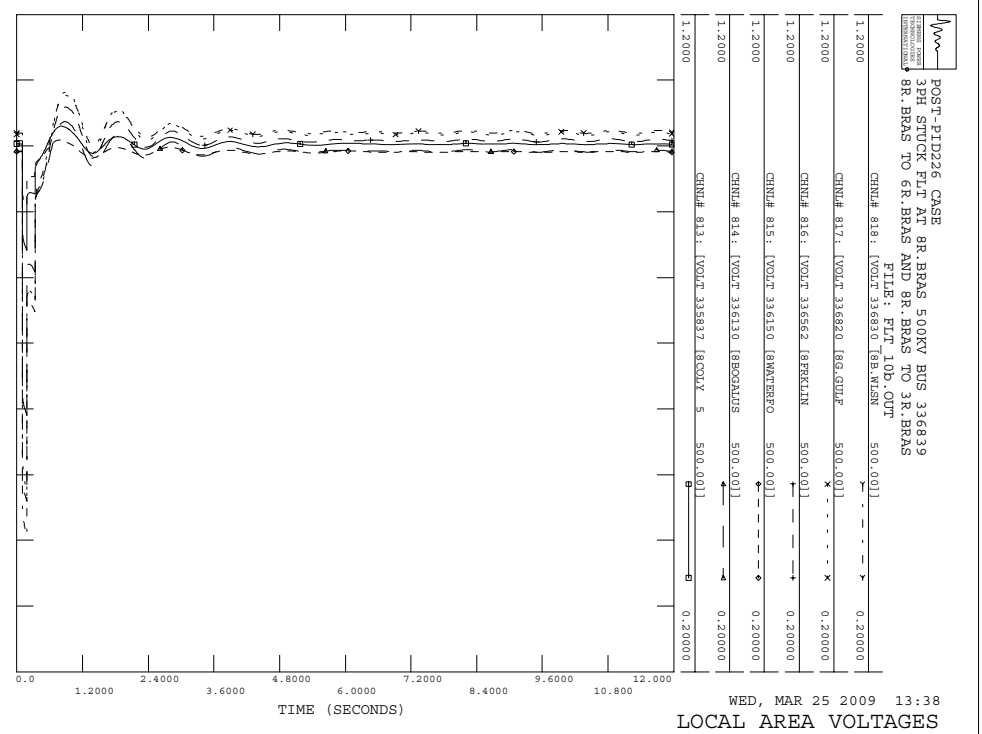
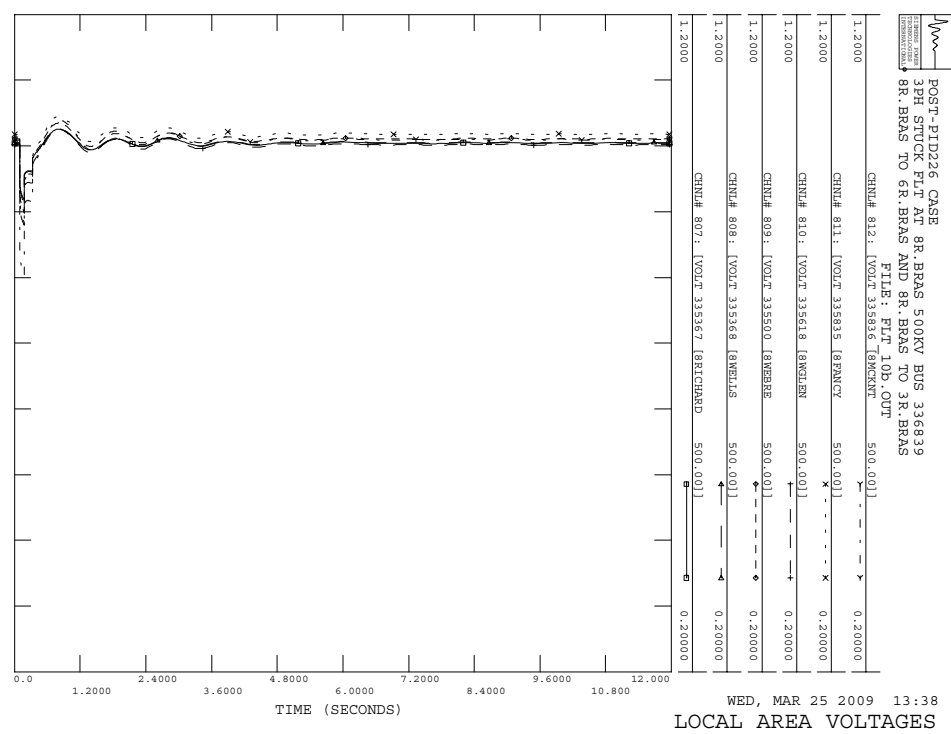
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 8B.WLSN
 FILE: FLT_10A.OUT



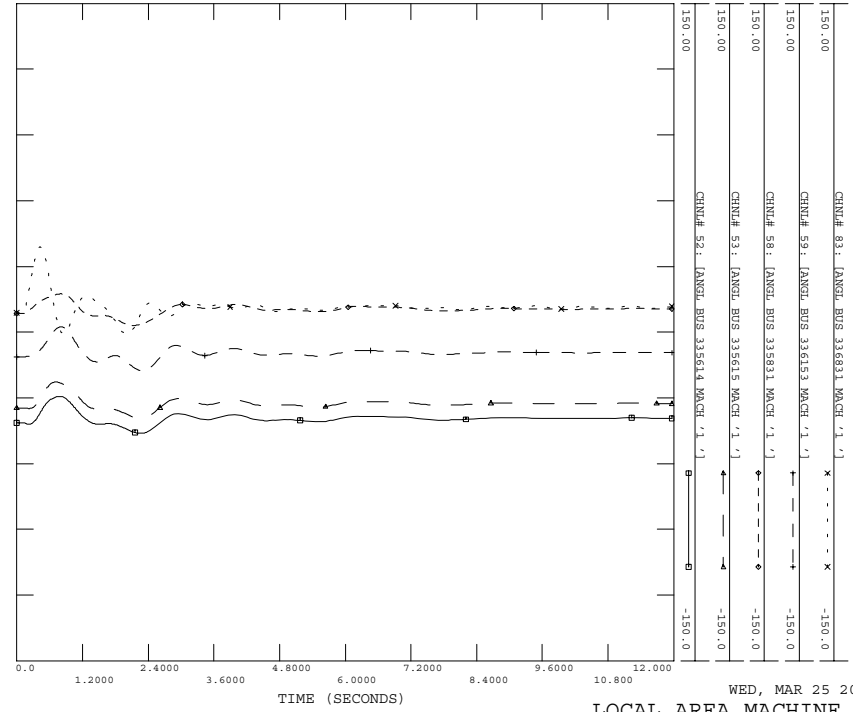
C.32 FLT_10b

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.

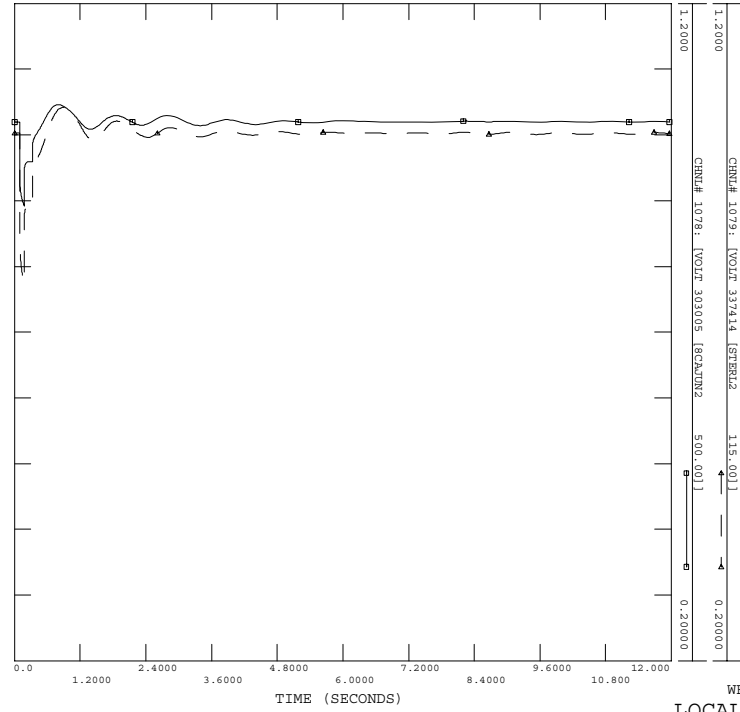


POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_10D.OUT



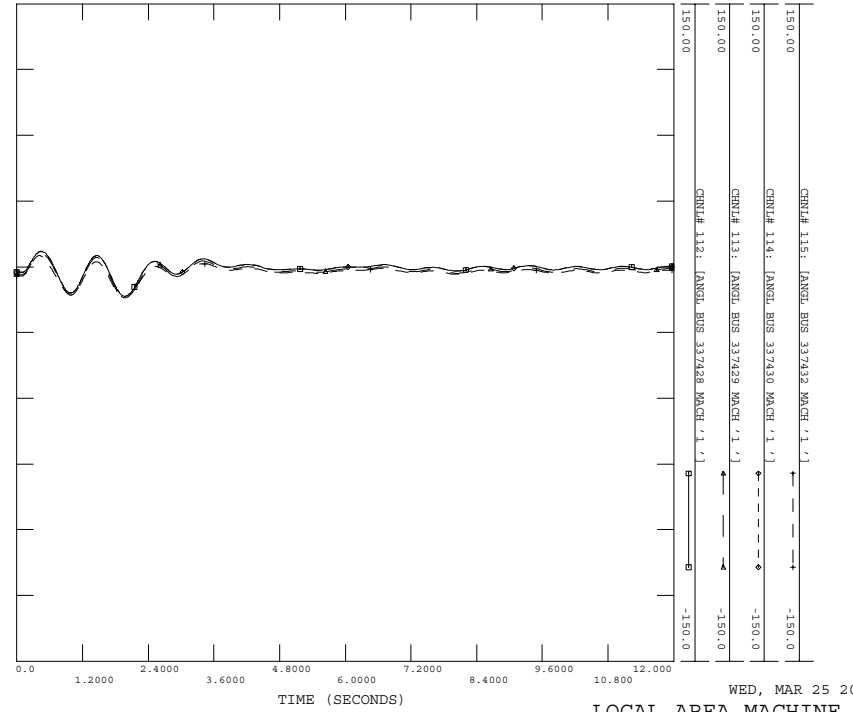
WED, MAR 25 2009 13:38
 LOCAL AREA MACHINE ANGLES

POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_10D.OUT



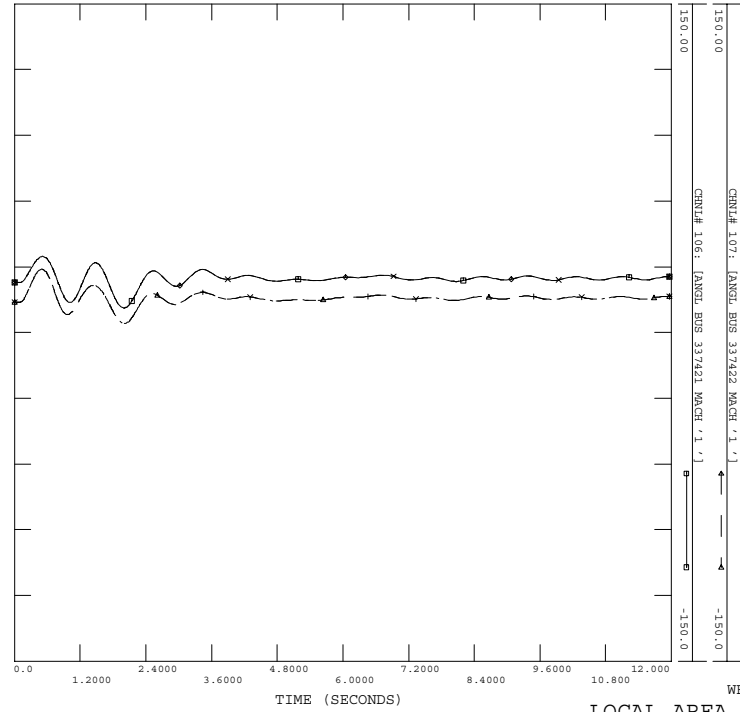
WED, MAR 25 2009 13:38
 LOCAL AREA VOLTAGES

POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_10D.OUT



WED, MAR 25 2009 13:38
 LOCAL AREA MACHINE ANGLES

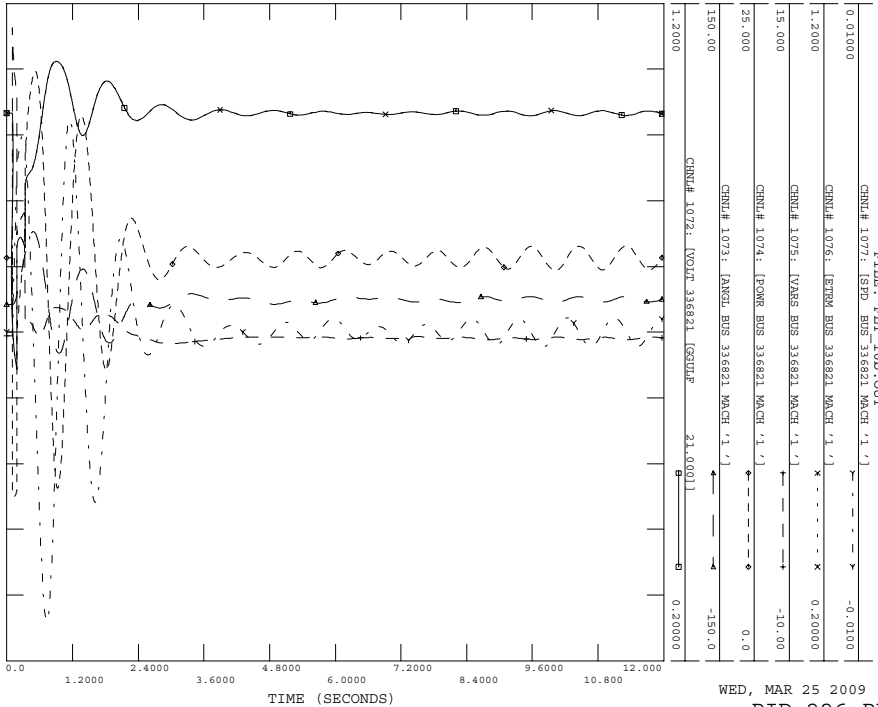
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_10D.OUT



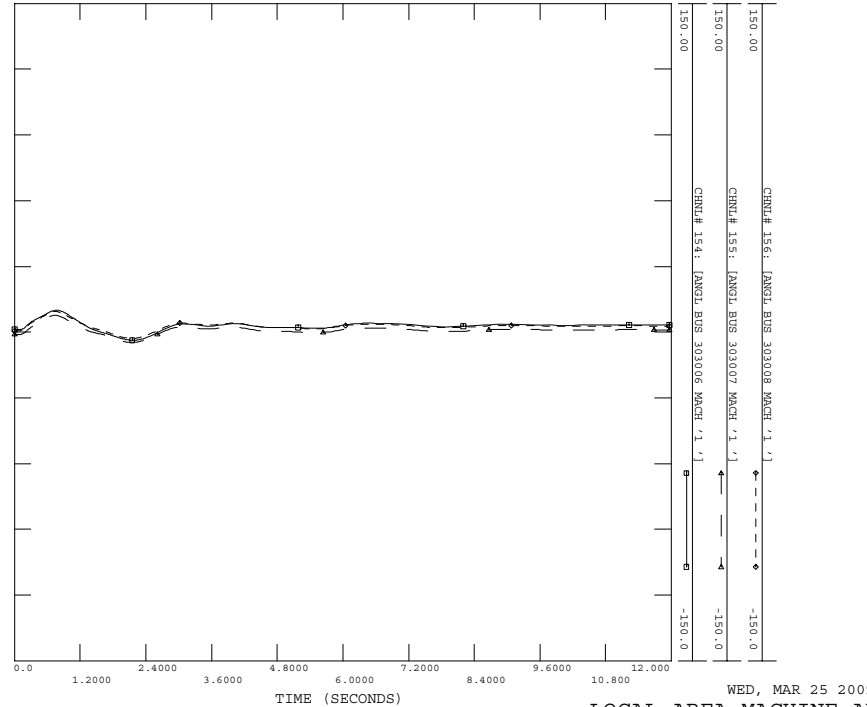
WED, MAR 25 2009 13:38
 LOCAL AREA MACHINE ANGLES



POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_10D.OUT



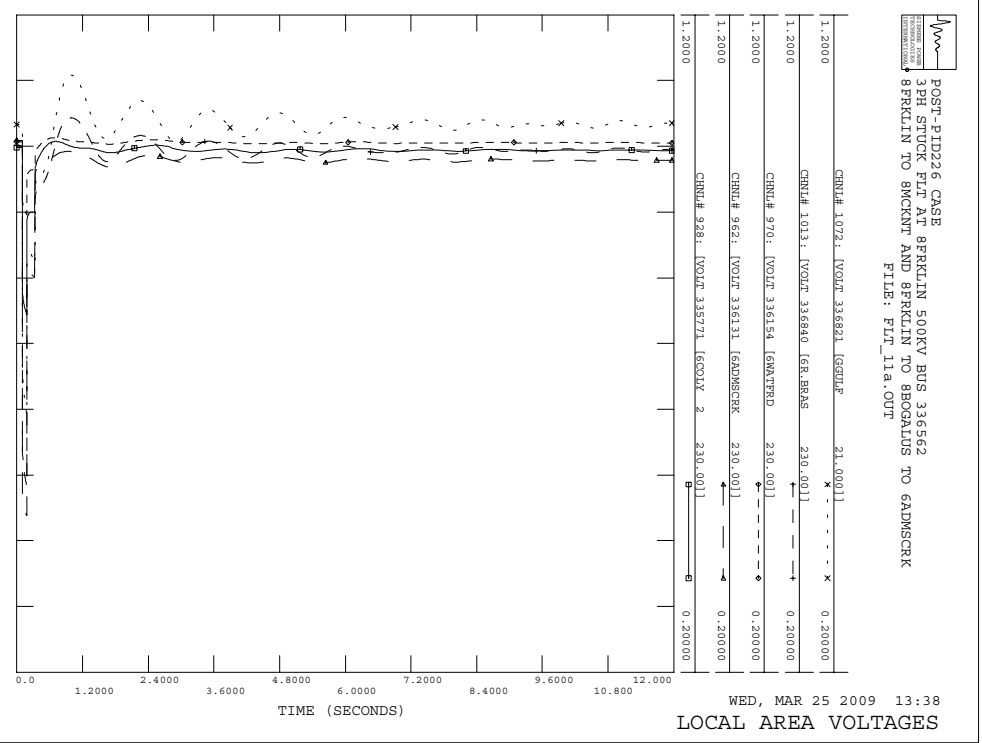
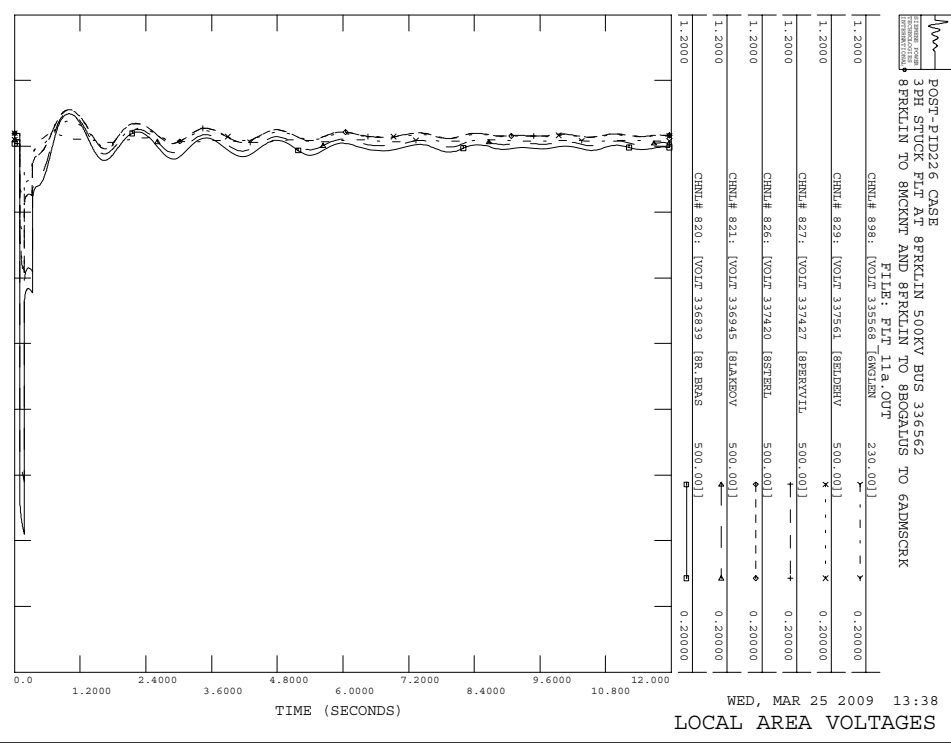
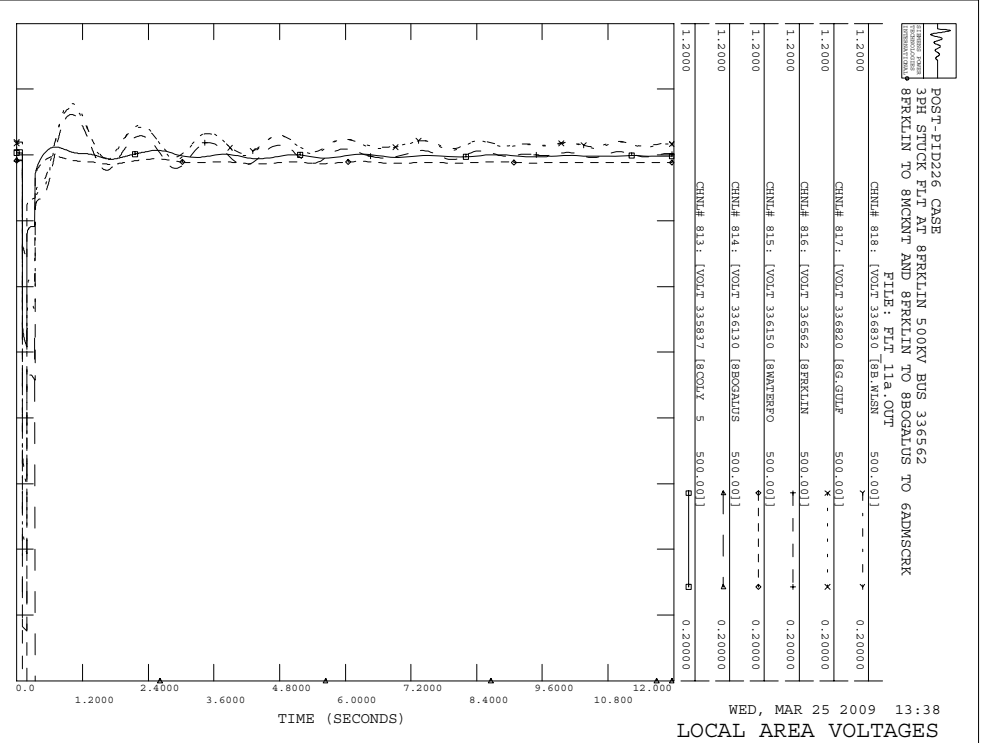
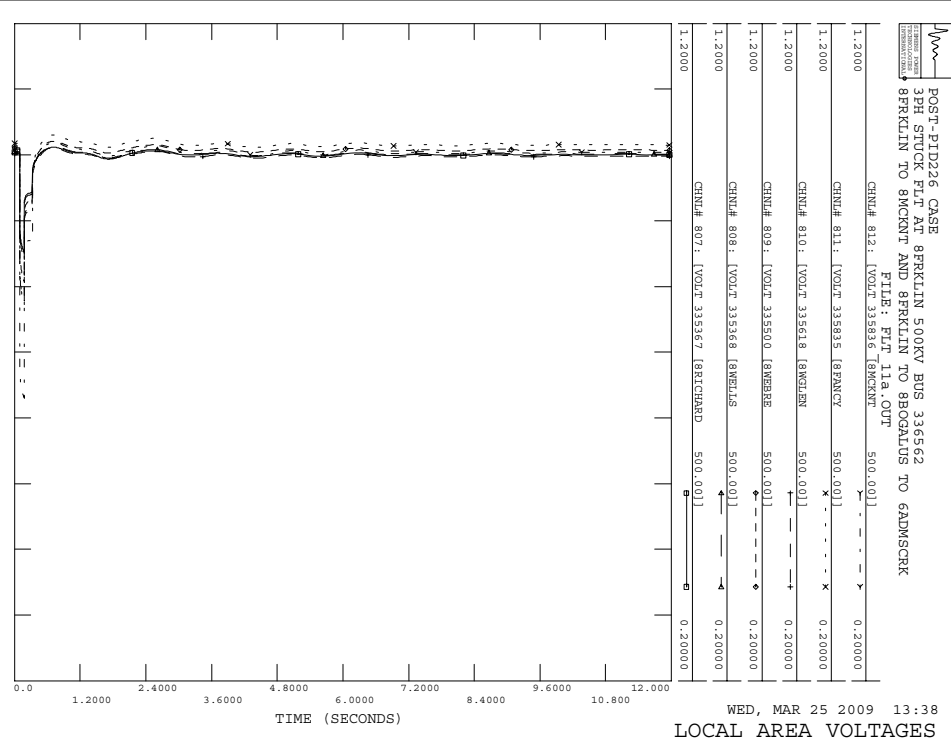
POST-PID226 CASE
 3PH STUCK FLT AT 8R.BRAS 500KV BUS 336839
 8R.BRAS TO 6R.BRAS AND 8R.BRAS TO 3R.BRAS
 FILE: FLT_10D.OUT



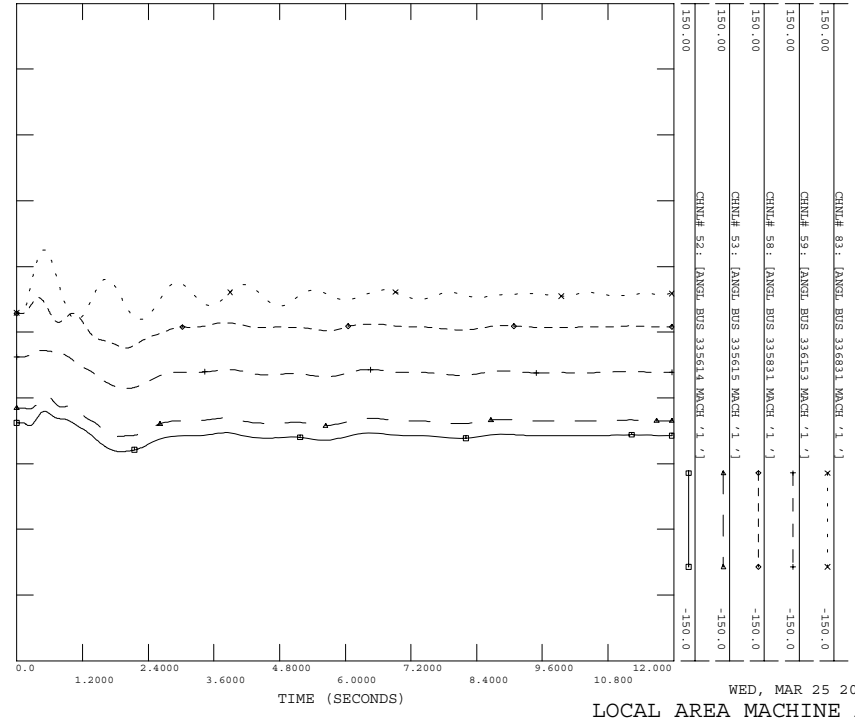
C.33 FLT_11a

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

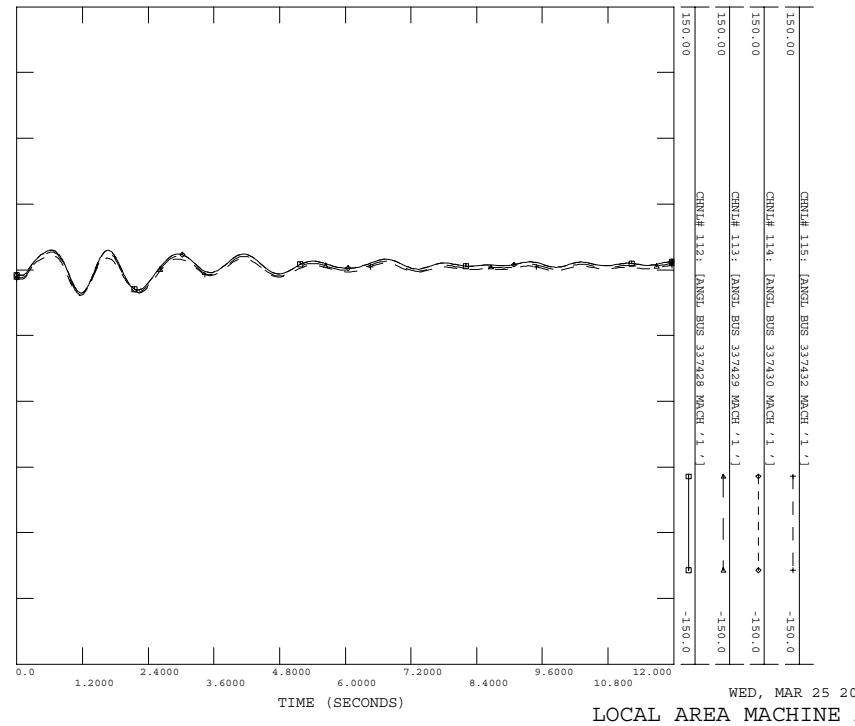
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8MCKNT AND 8FRKLIN TO 8BOGALUS TO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



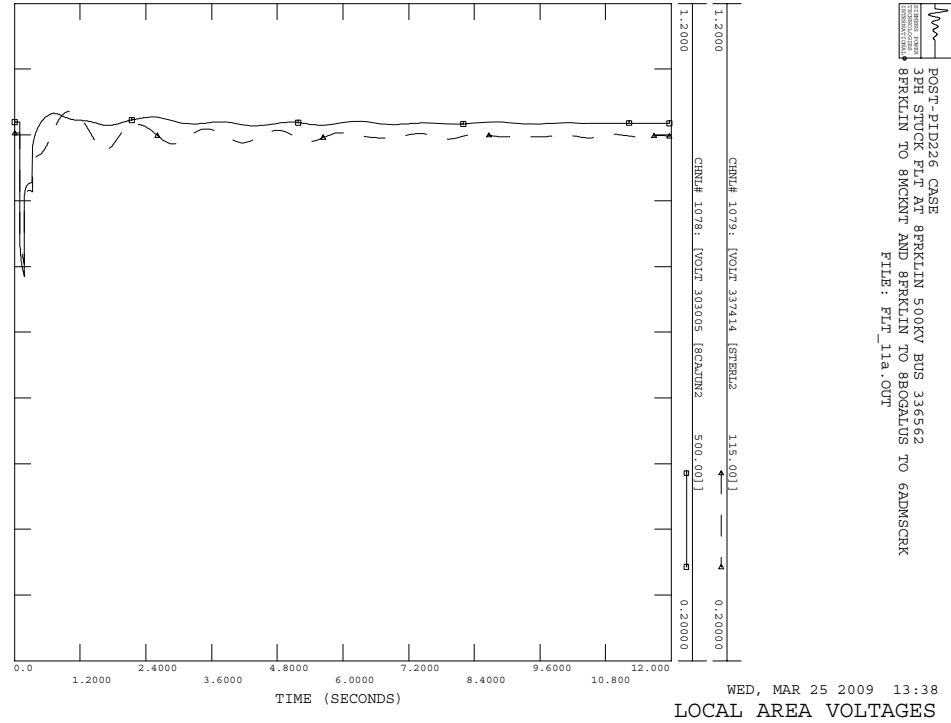
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8MCKNT AND 8PRKLIN TO 8BOGALUS TO GADMSCRK
 FILE: FLT_11a.OUT



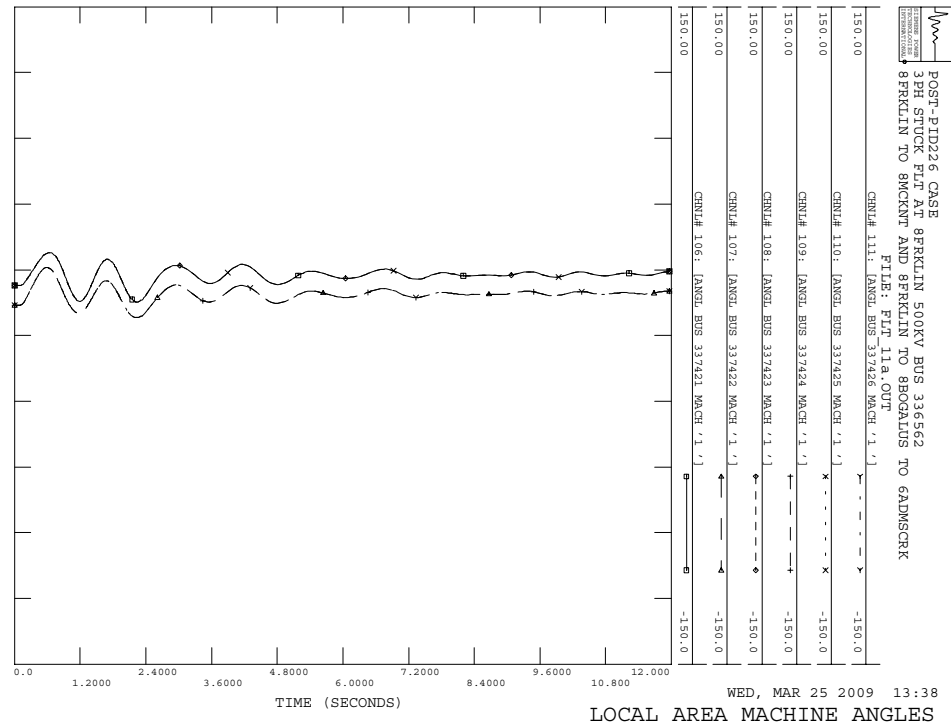
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8MCKNT AND 8PRKLIN TO 8BOGALUS TO GADMSCRK
 FILE: FLT_11a.OUT



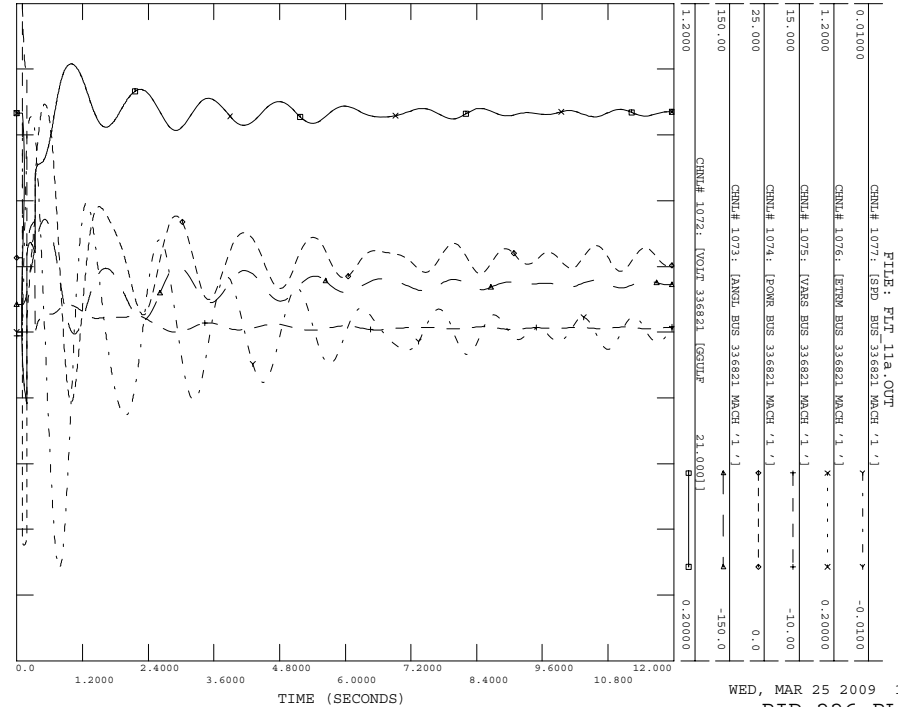
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8MCKNT AND 8PRKLIN TO 8BOGALUS TO GADMSCRK
 FILE: FLT_11a.OUT



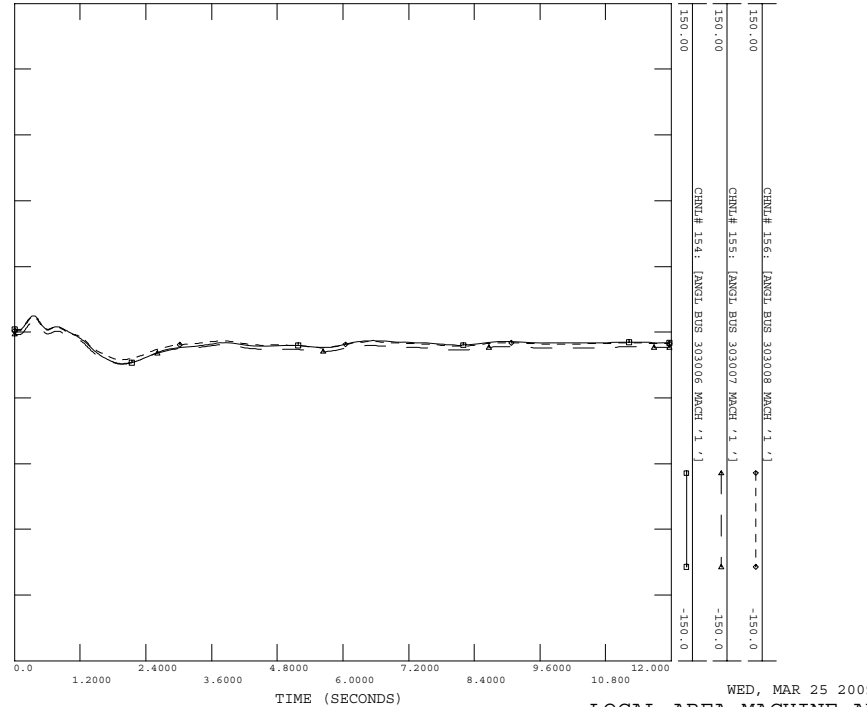
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8MCKNT AND 8PRKLIN TO 8BOGALUS TO GADMSCRK
 FILE: FLT_11a.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 8BOGALUS TO 8ADMSCRK
 FILE: FLT_11A.OUT



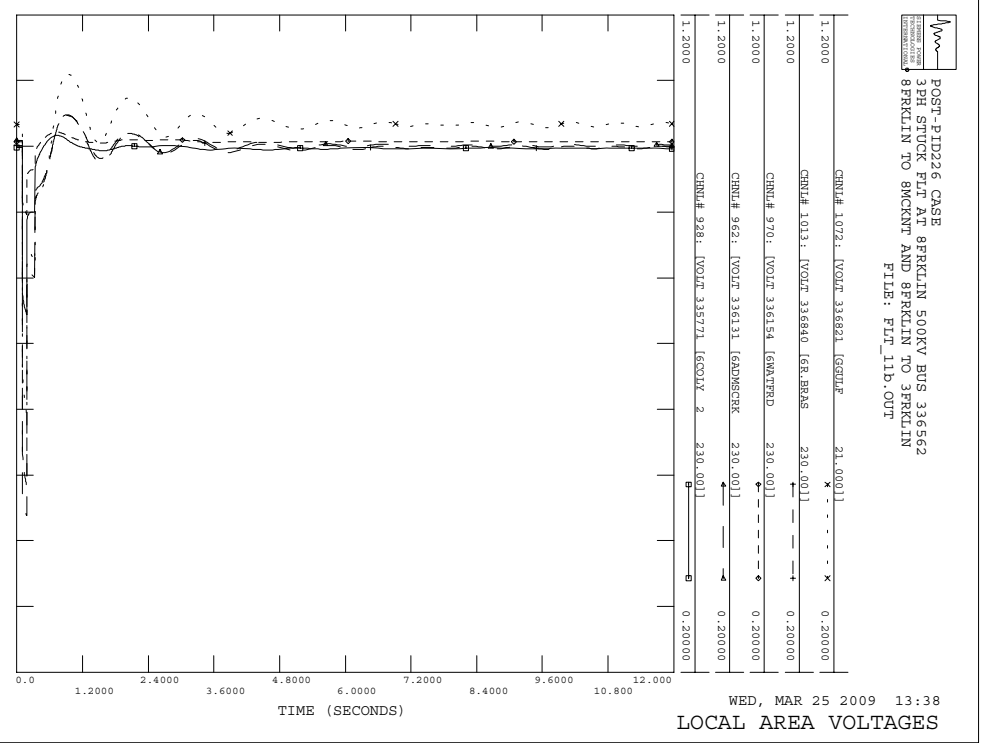
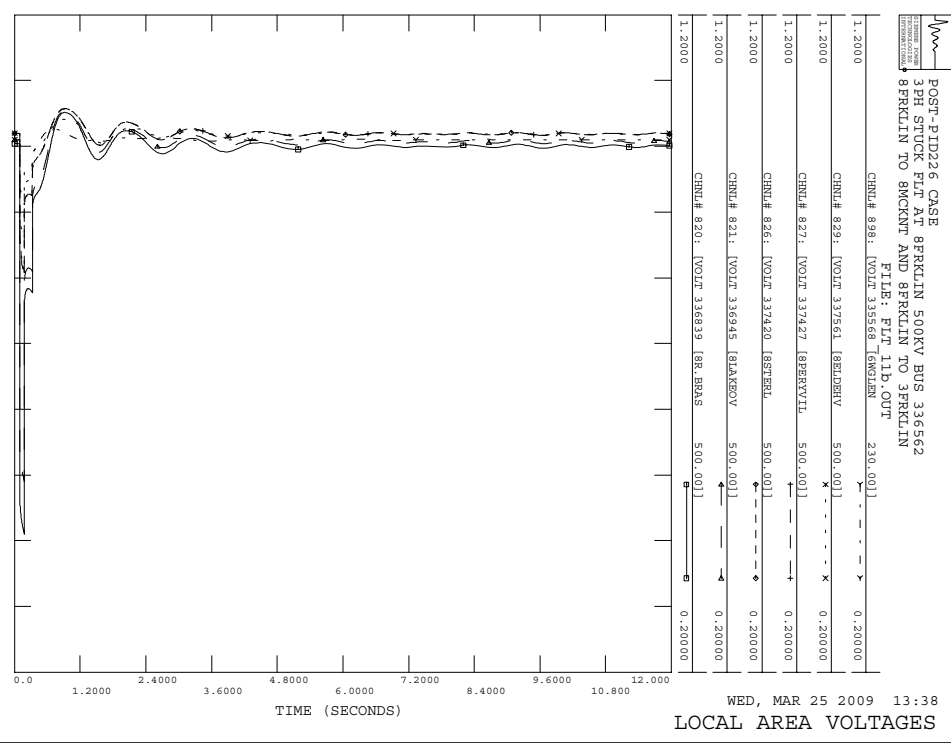
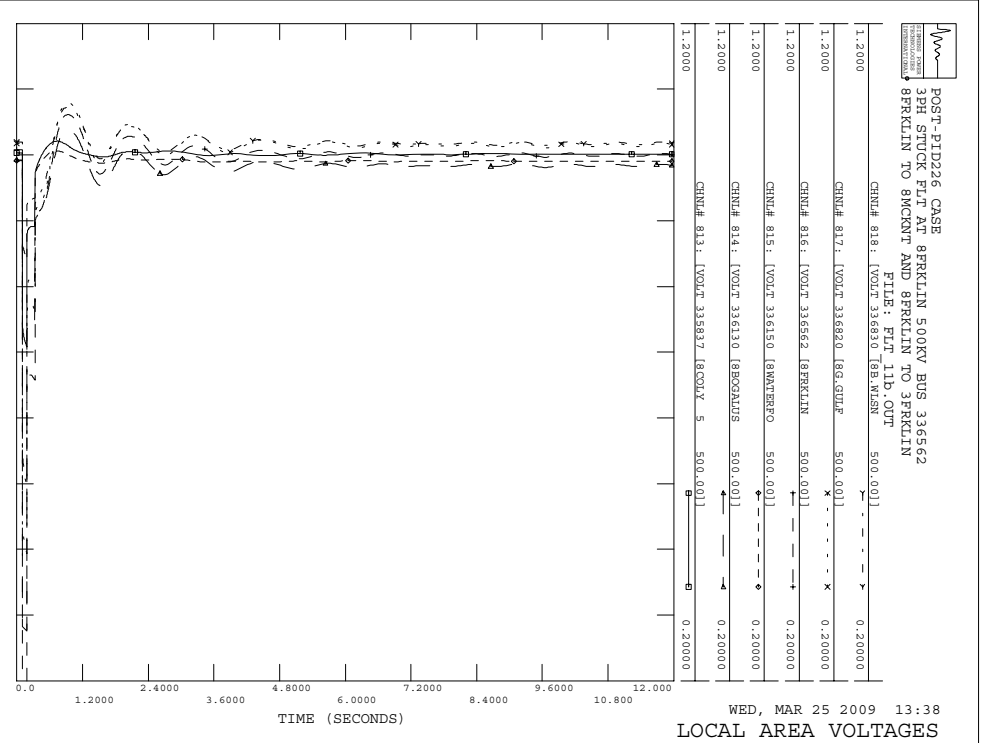
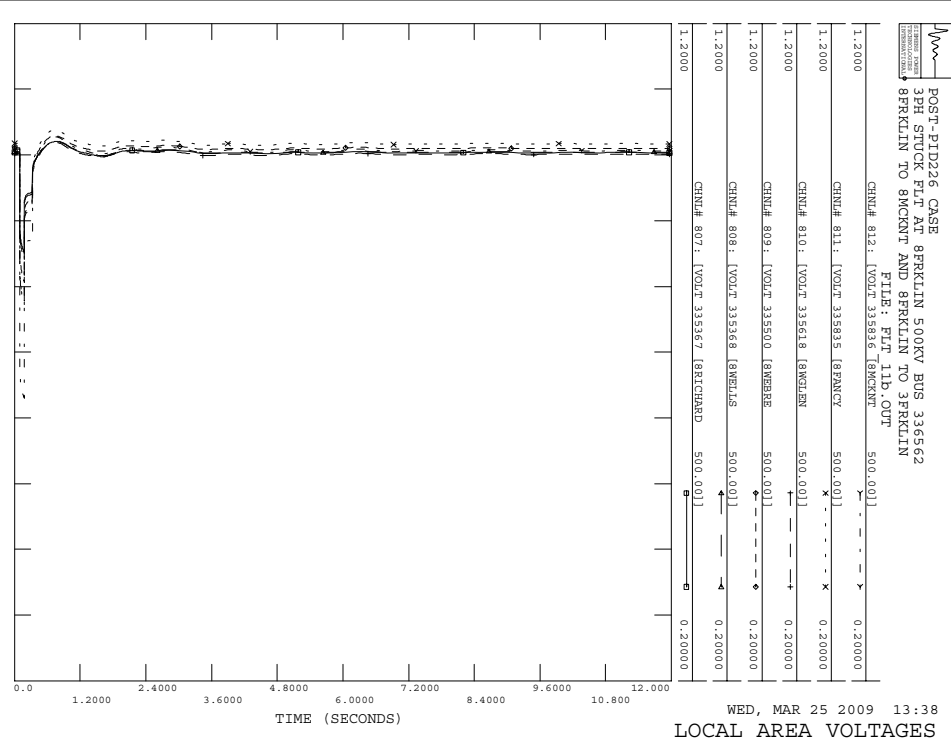
POST-PID226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 8BOGALUS TO 8ADMSCRK
 FILE: FLT_11A.OUT



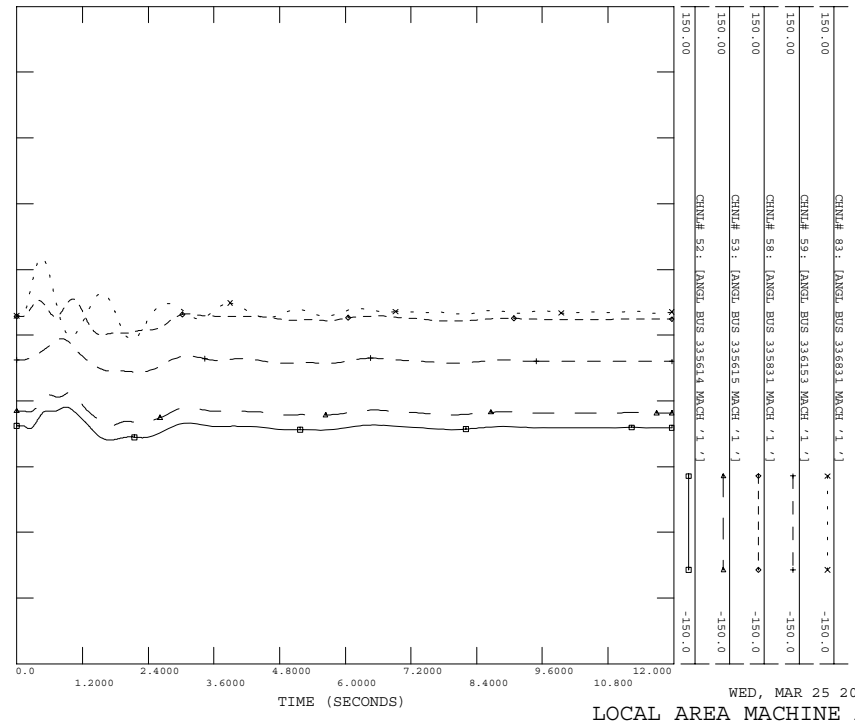
C.34 FLT_11b

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

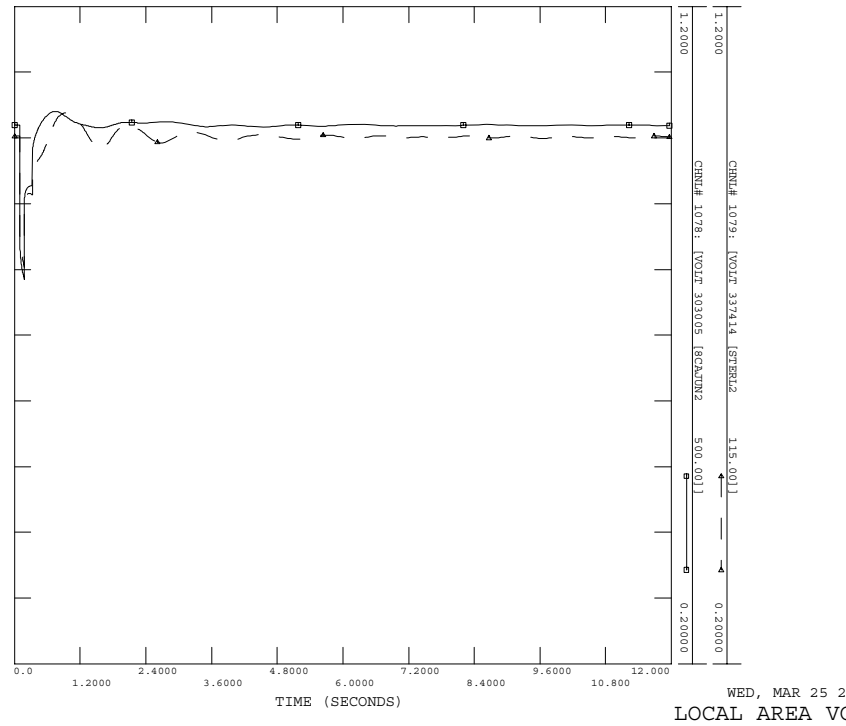
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8MCKNT AND 8FRKLIN TO 8BOGALUS TO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



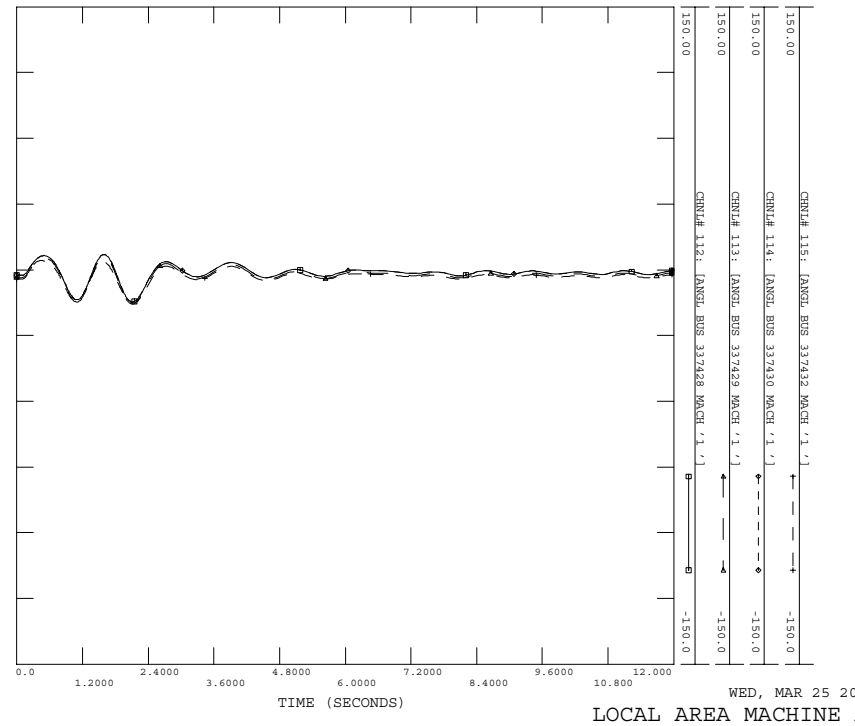
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 3PRKLN
 FILE: FLT_11D.OUT



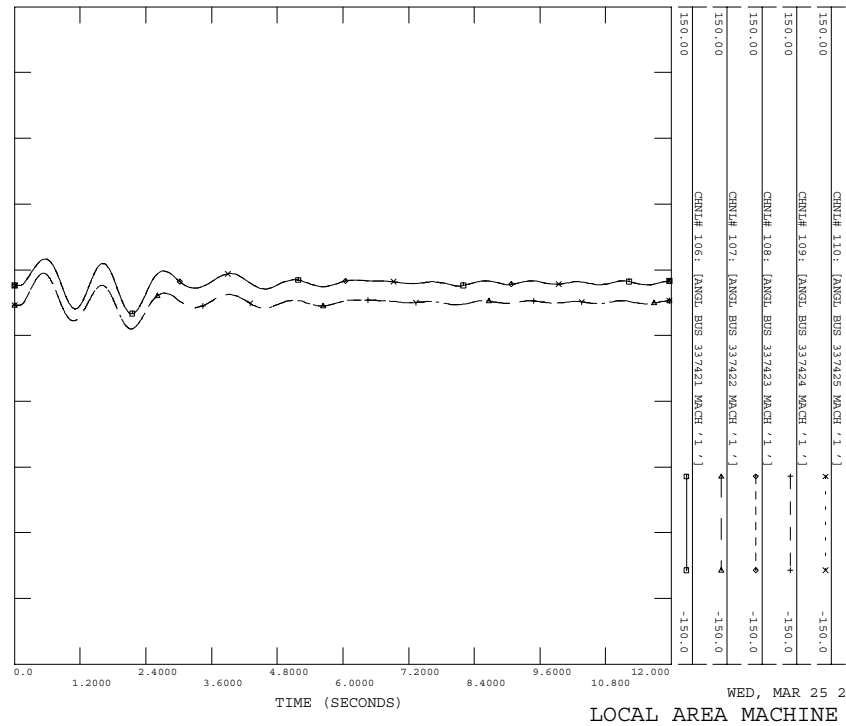
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 3PRKLN
 FILE: FLT_11D.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 3PRKLN
 FILE: FLT_11D.OUT

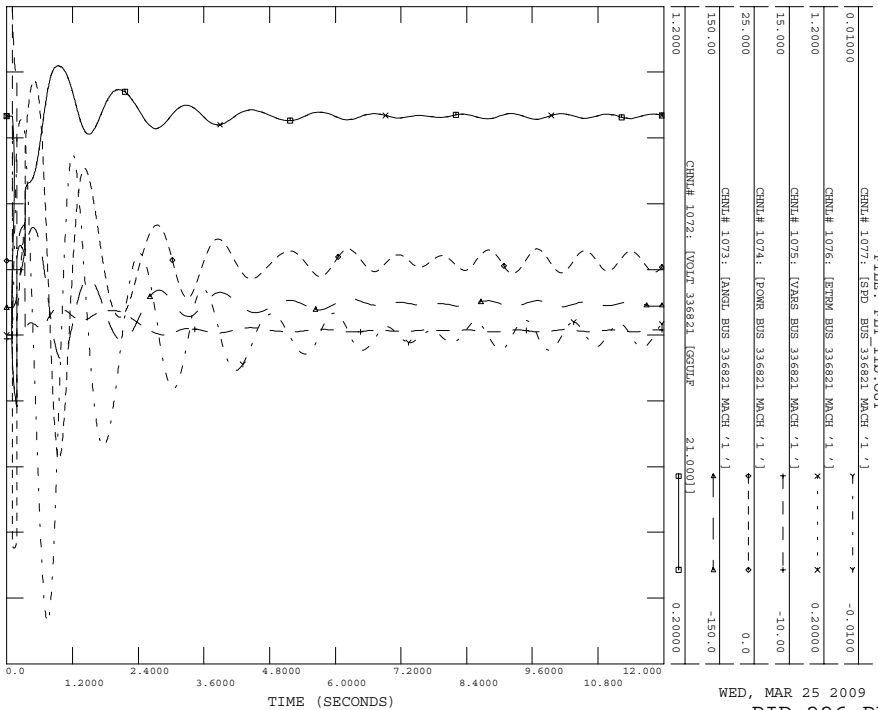


POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 3PRKLN
 FILE: FLT_11D.OUT

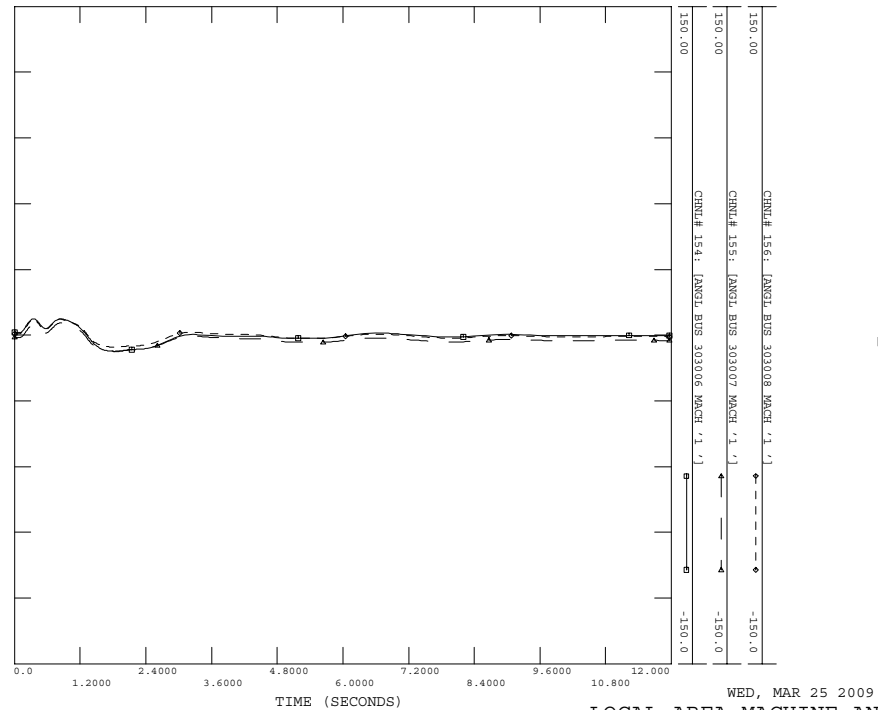




POST-PID226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 3PRKLN
 FILE: FLT_11D.OUT



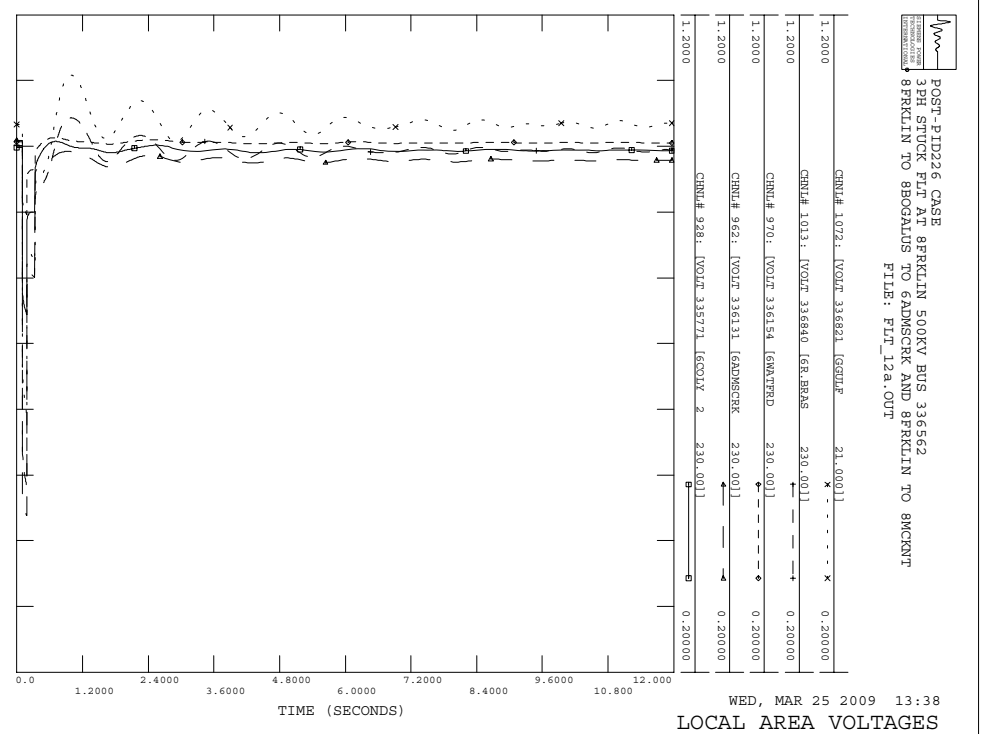
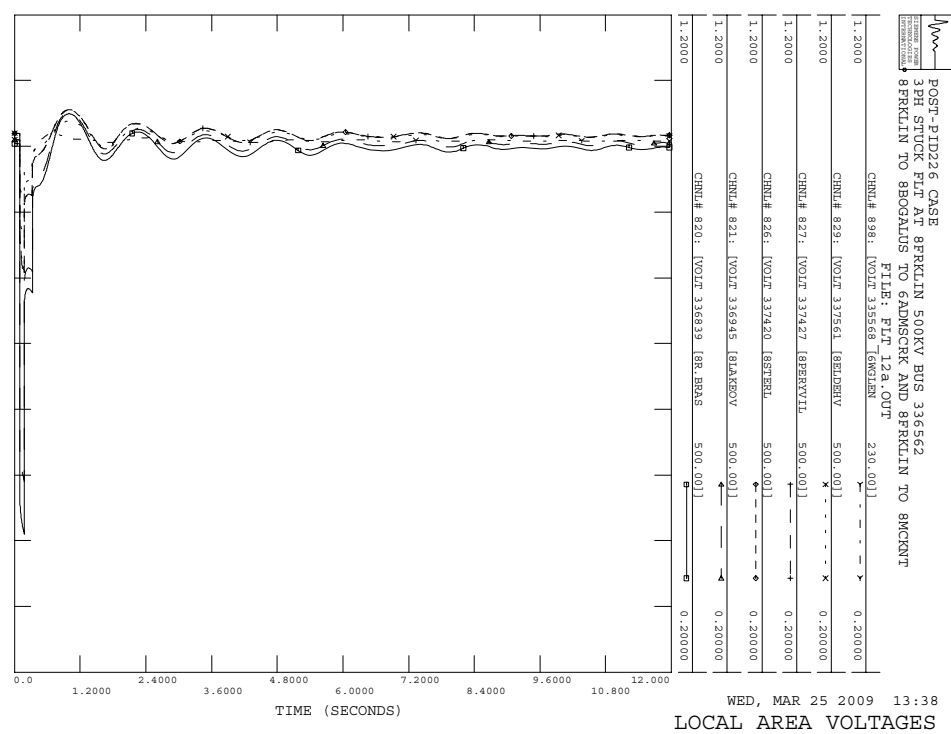
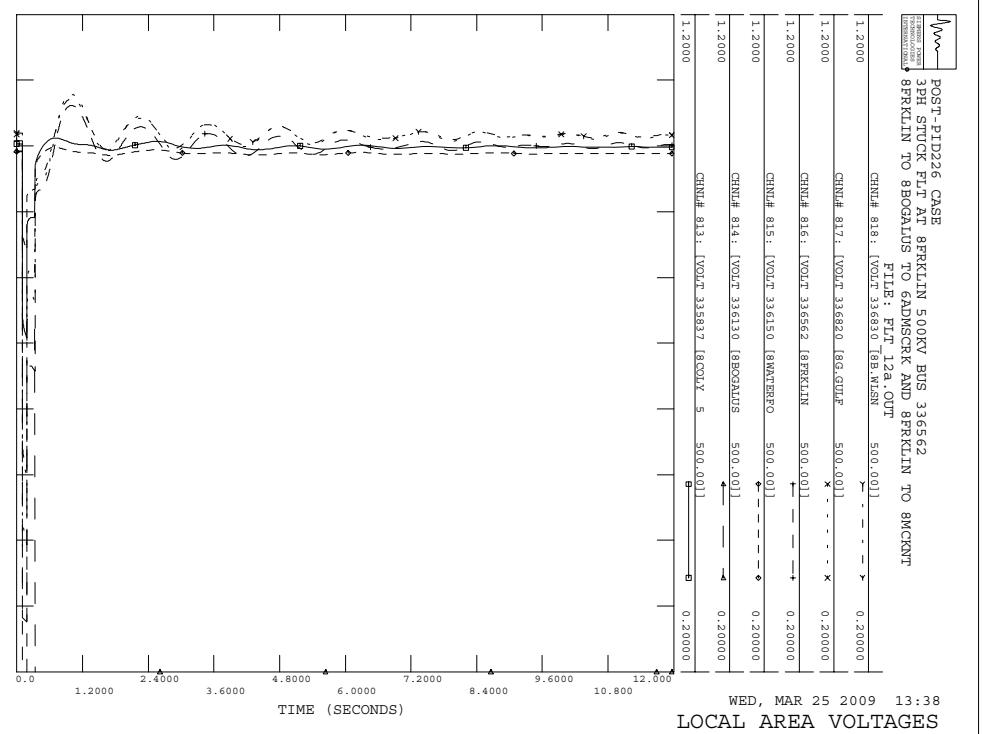
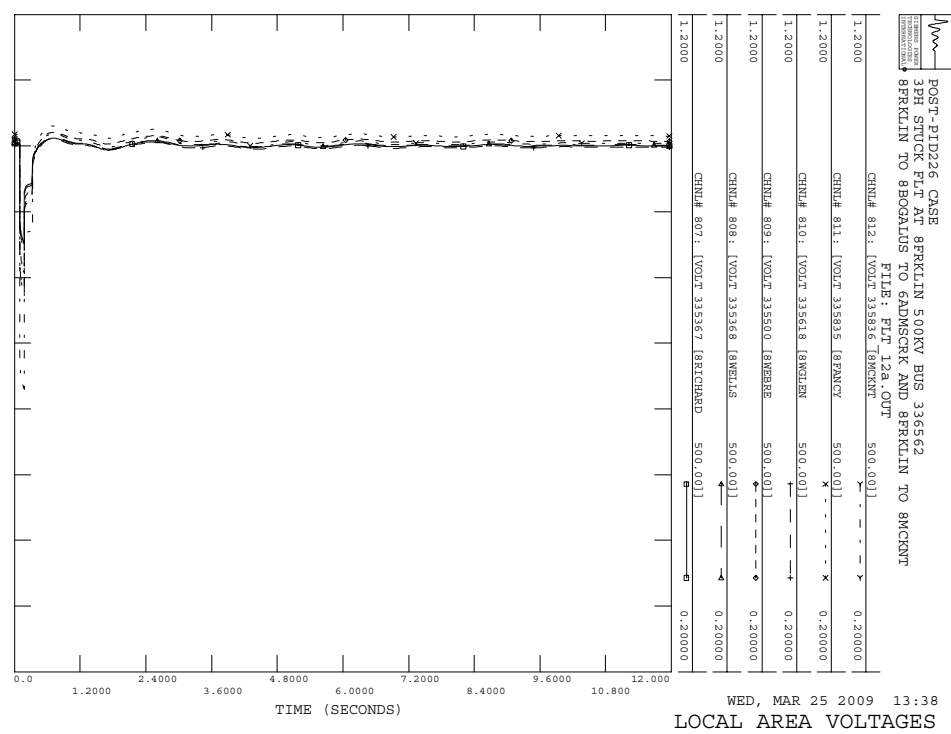
POST-PID226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8MCKNT AND 8PRKLN TO 3PRKLN
 FILE: FLT_11D.OUT



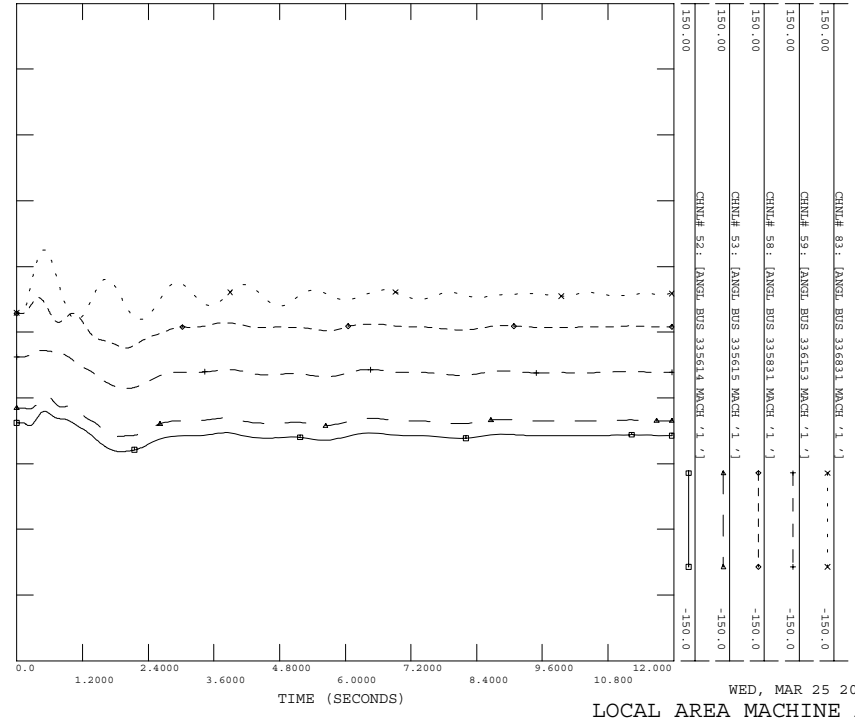
C.35 FLT_12a

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

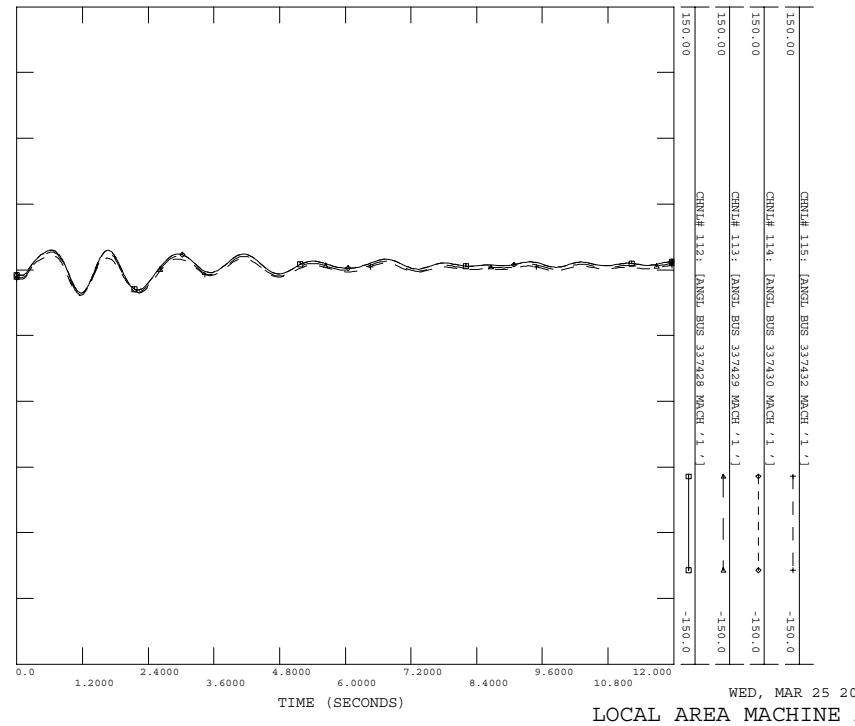
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8BOGALUS TO 6ADMSCRK AND 8FRKLIN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



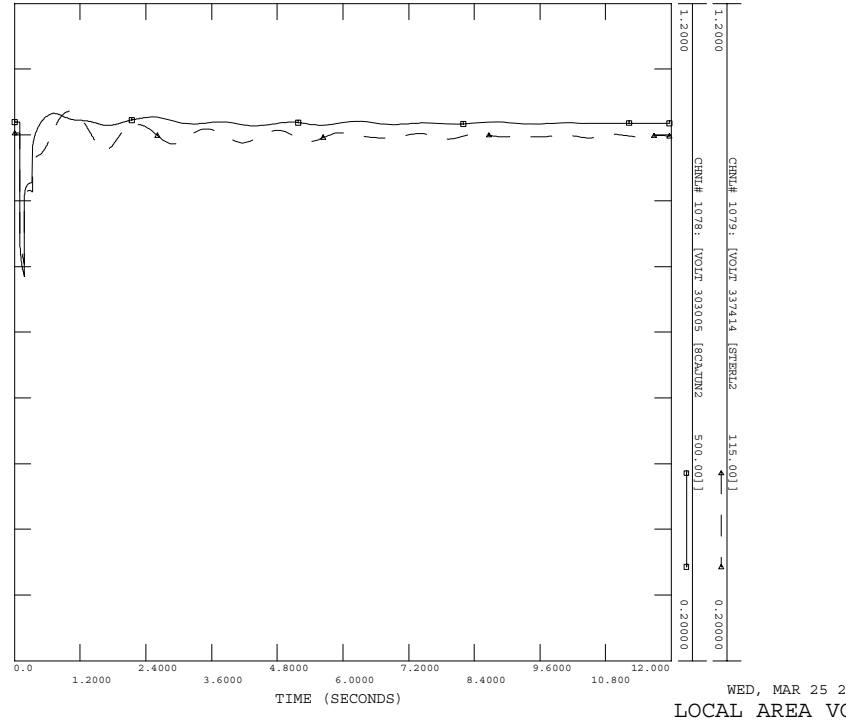
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSGRK AND 8PRKLN TO 8MCKNT
 FILE: FLT_12a.OUT



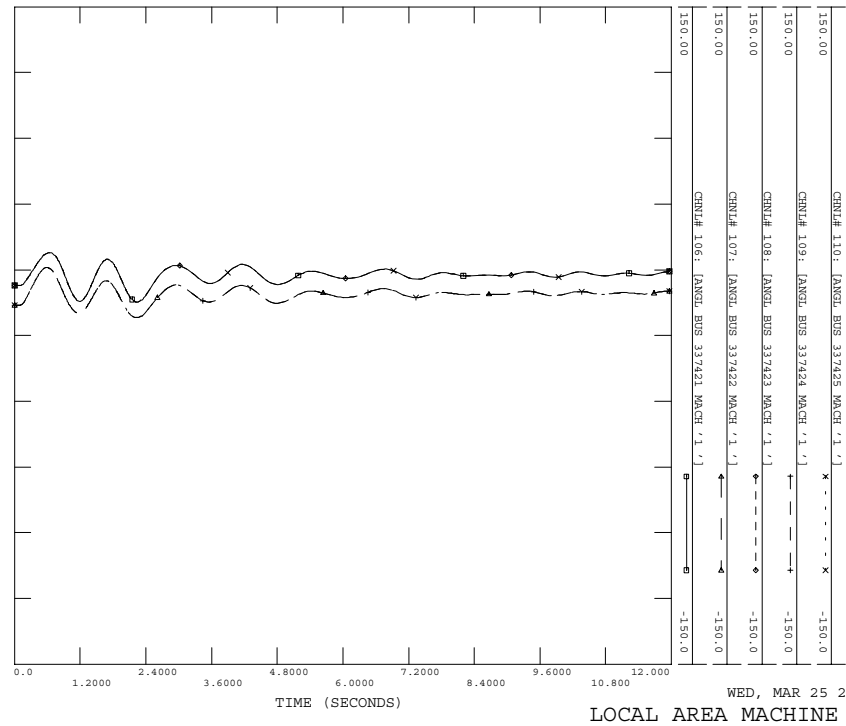
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSGRK AND 8PRKLN TO 8MCKNT
 FILE: FLT_12a.OUT



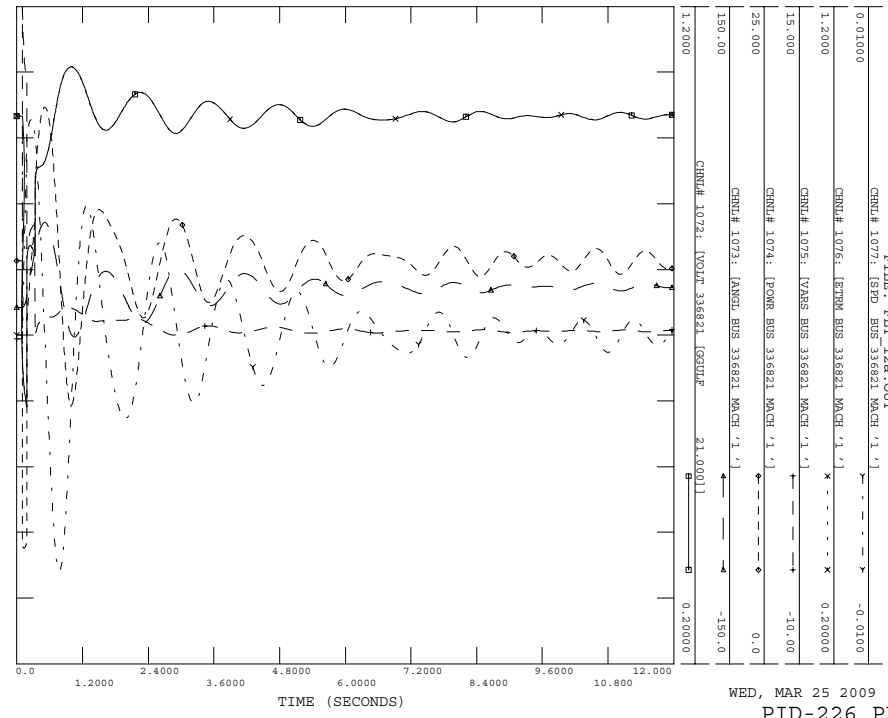
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSGRK AND 8PRKLN TO 8MCKNT
 FILE: FLT_12a.OUT



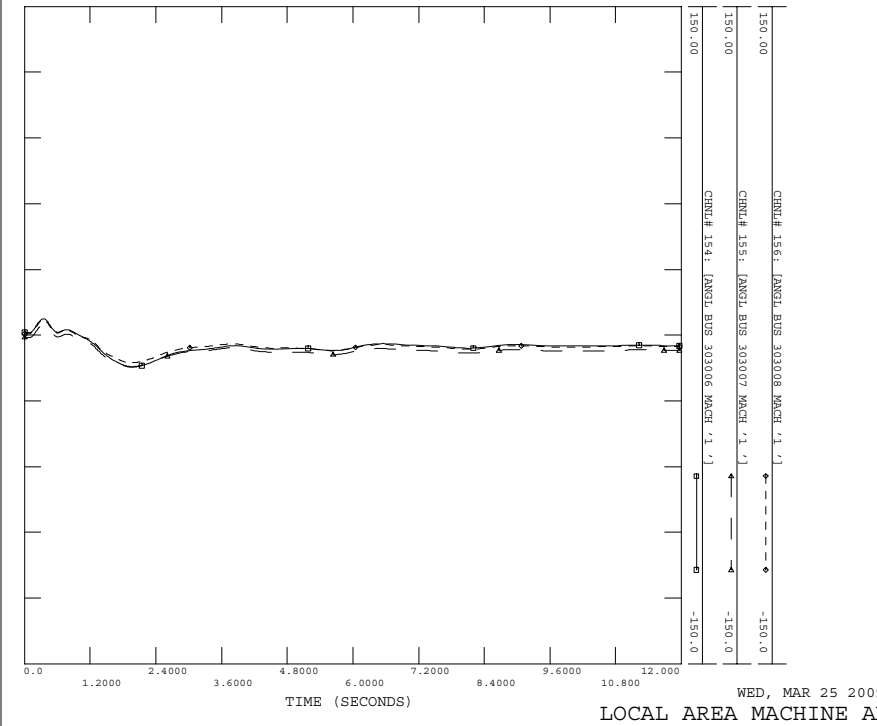
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSGRK AND 8PRKLN TO 8MCKNT
 FILE: FLT_12a.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8BOGALUS TO 8ADMSCRK AND 8PRKLIN TO 8MCKNT
 FILE: FLT_12a.OUT



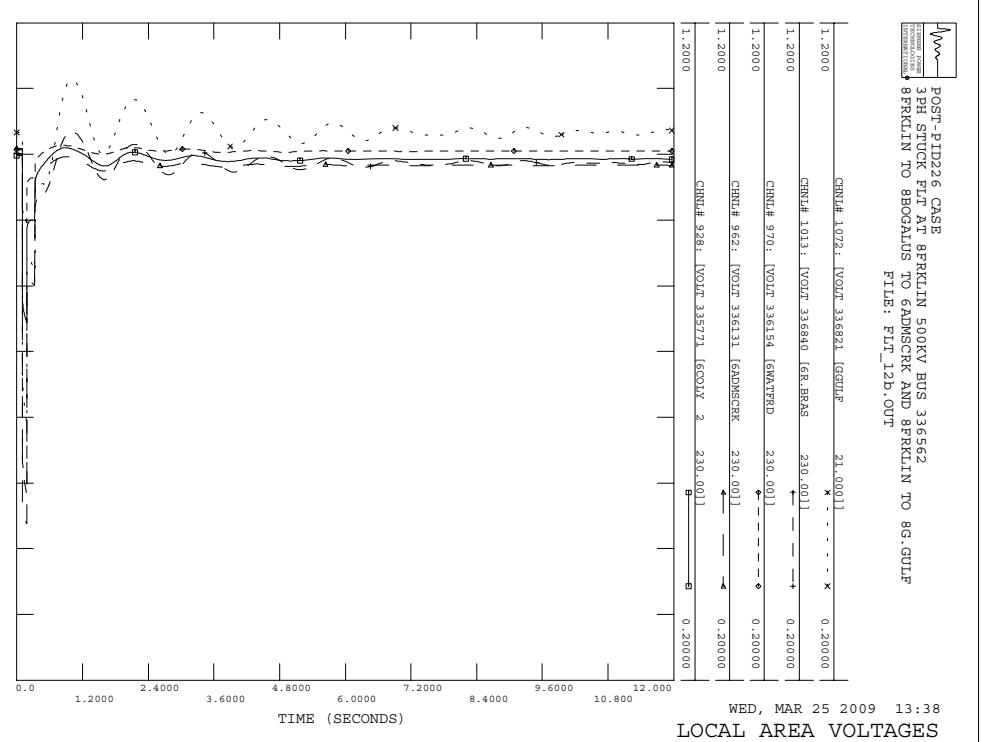
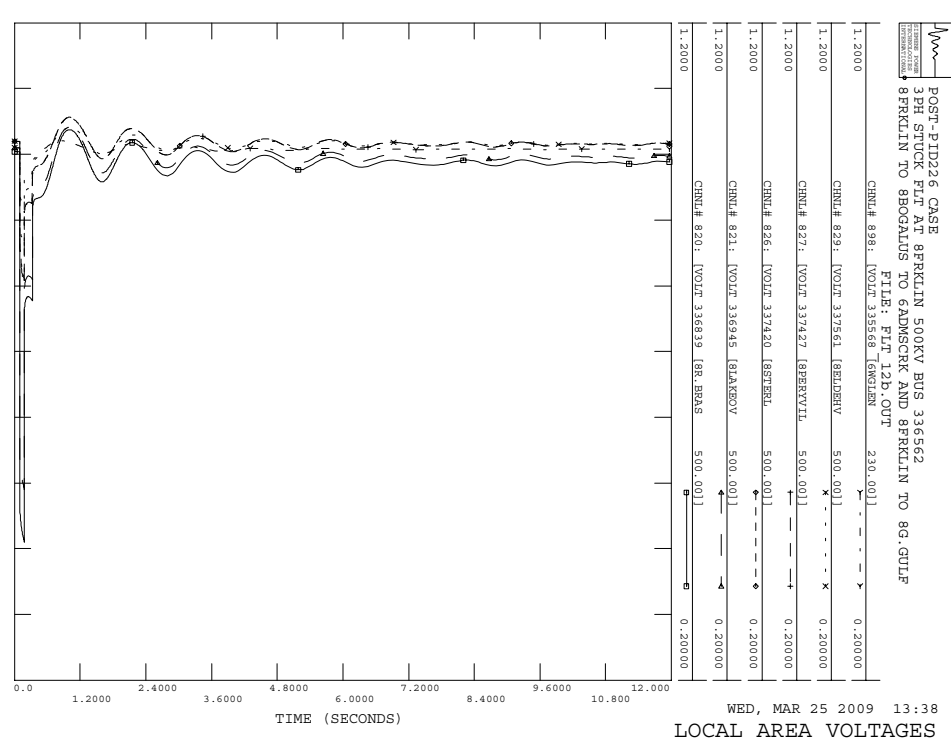
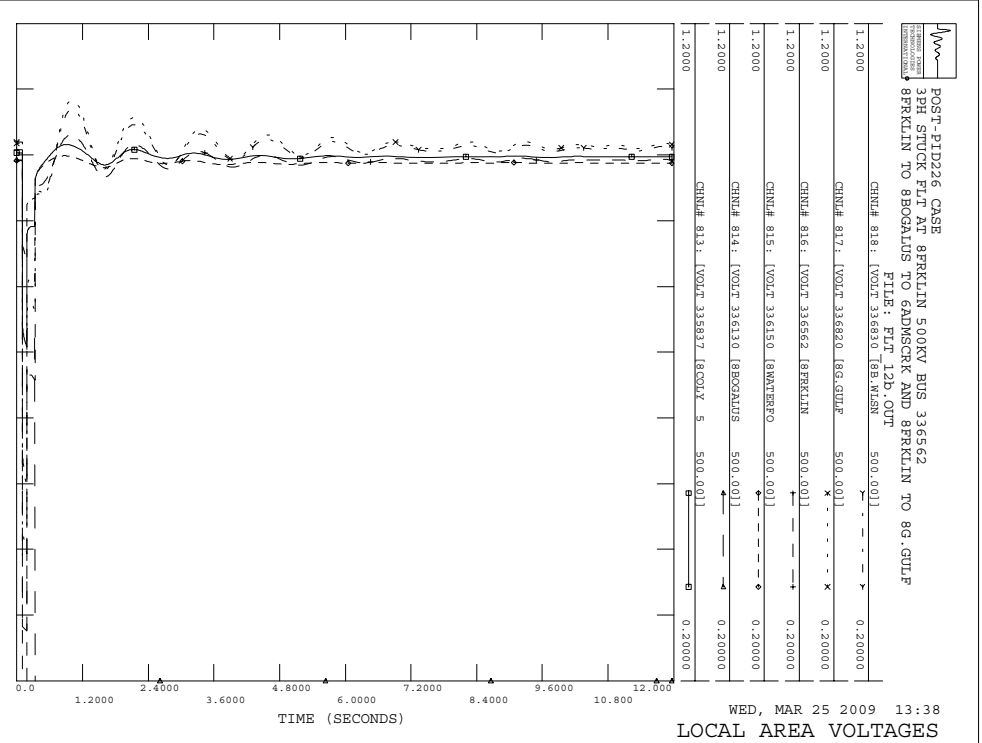
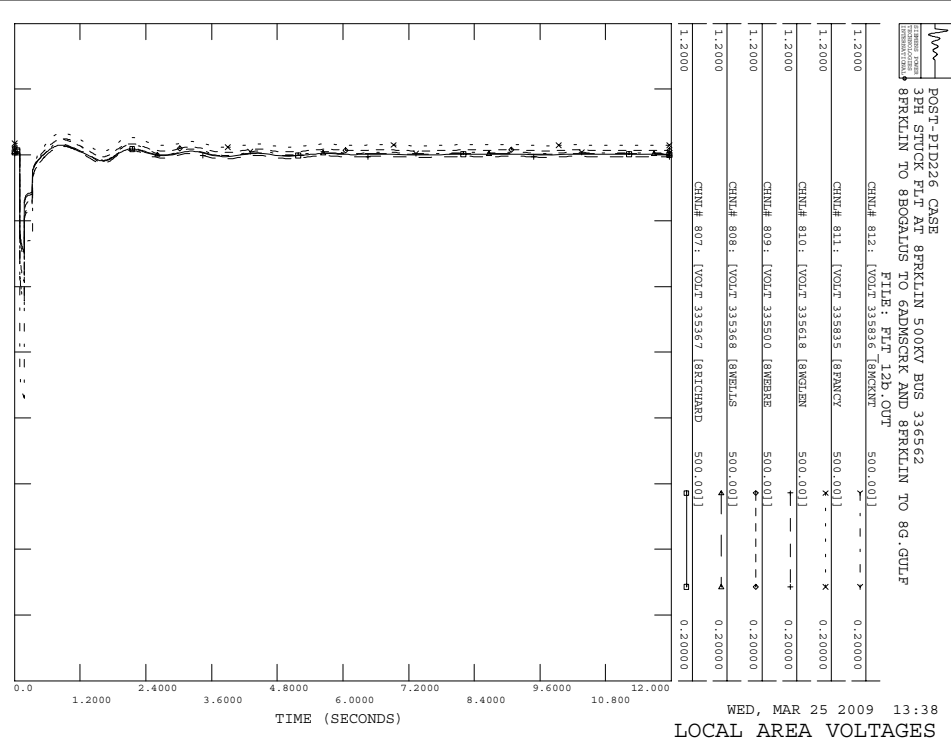
POST-PID226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8BOGALUS TO 8ADMSCRK AND 8PRKLIN TO 8MCKNT
 FILE: FLT_12a.OUT



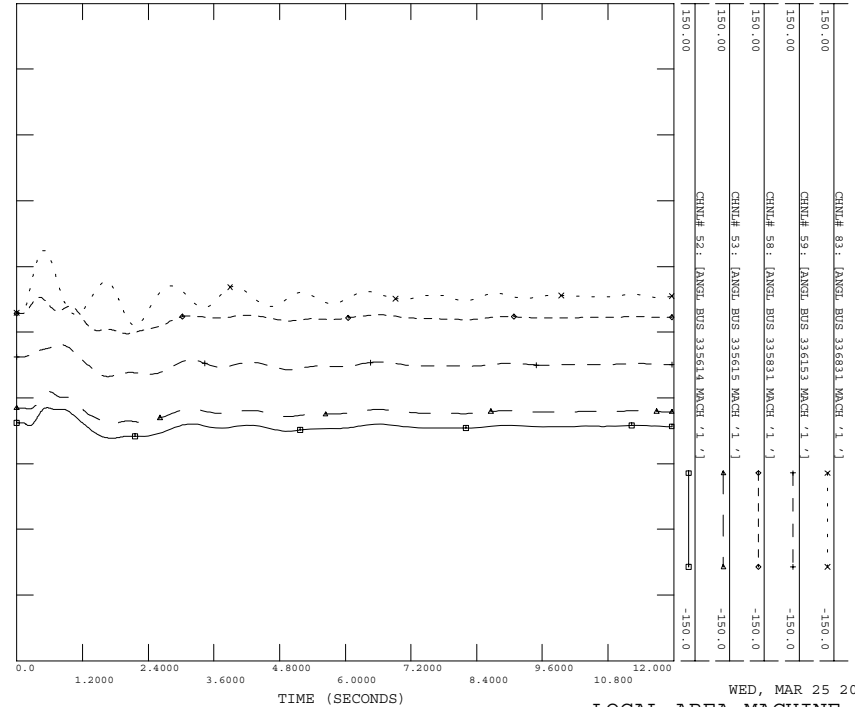
C.36 FLT_12b

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

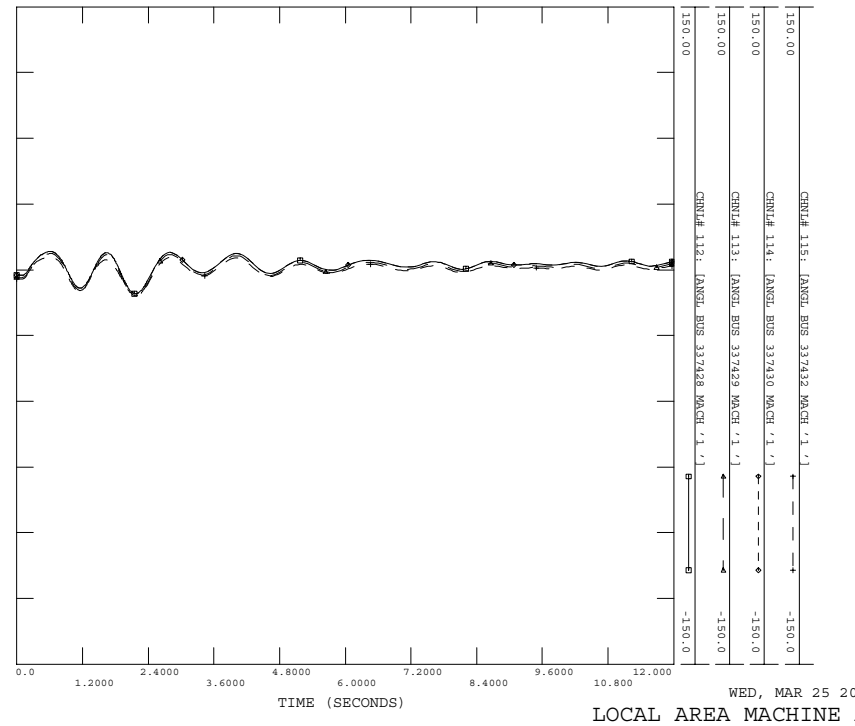
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8BOGALUS TO 6ADMSCRK AND 8FRKLIN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



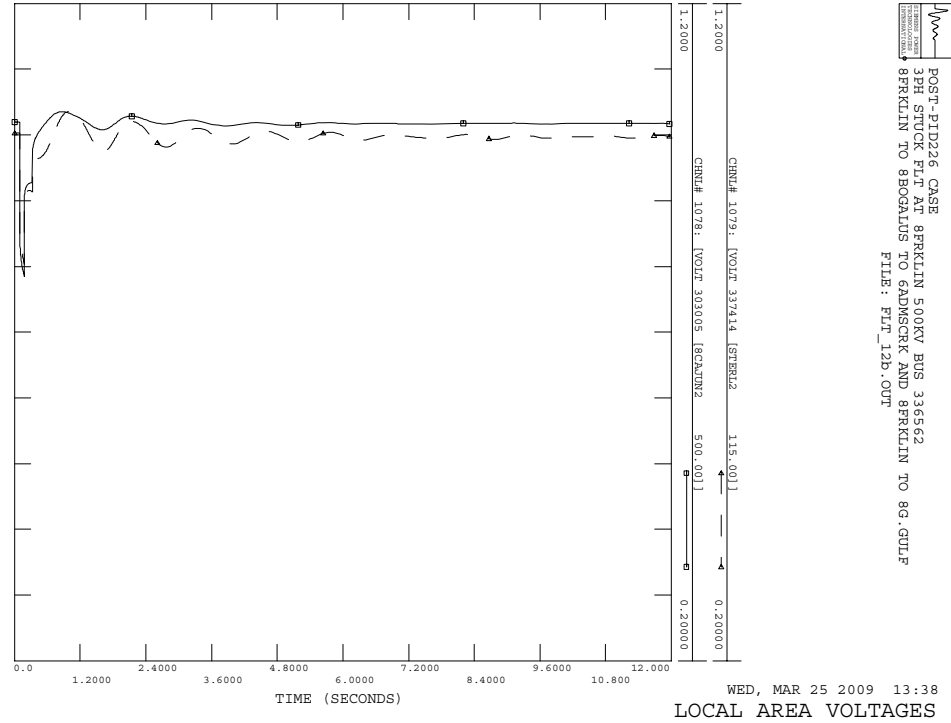
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSCRK AND 8PRKLN TO 8G.GULF
 FILE: FLT_12D.OUT



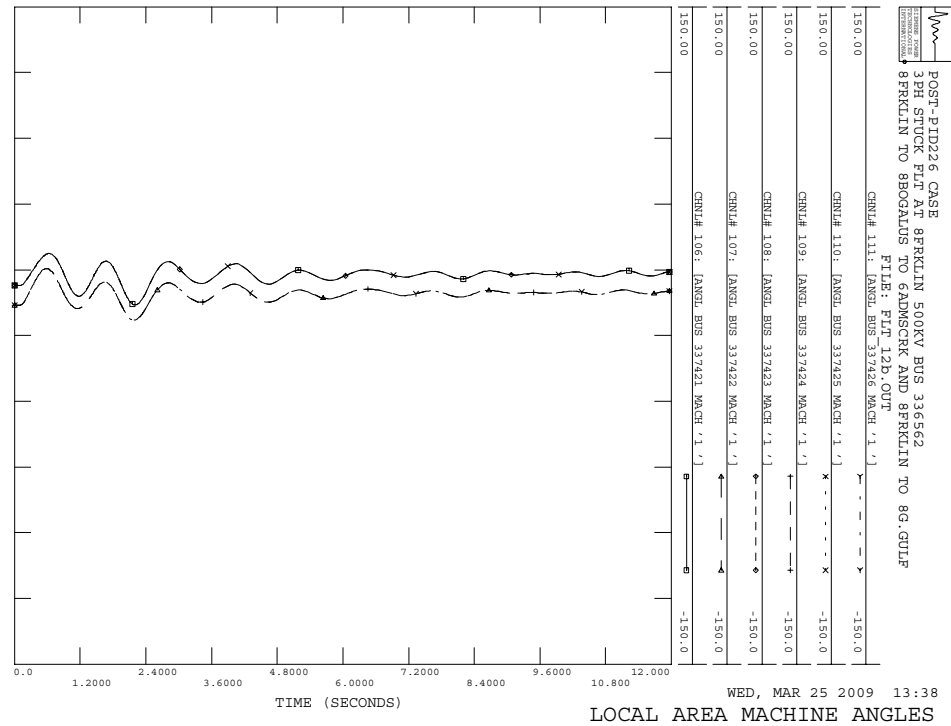
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSCRK AND 8PRKLN TO 8G.GULF
 FILE: FLT_12D.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSCRK AND 8PRKLN TO 8G.GULF
 FILE: FLT_12D.OUT

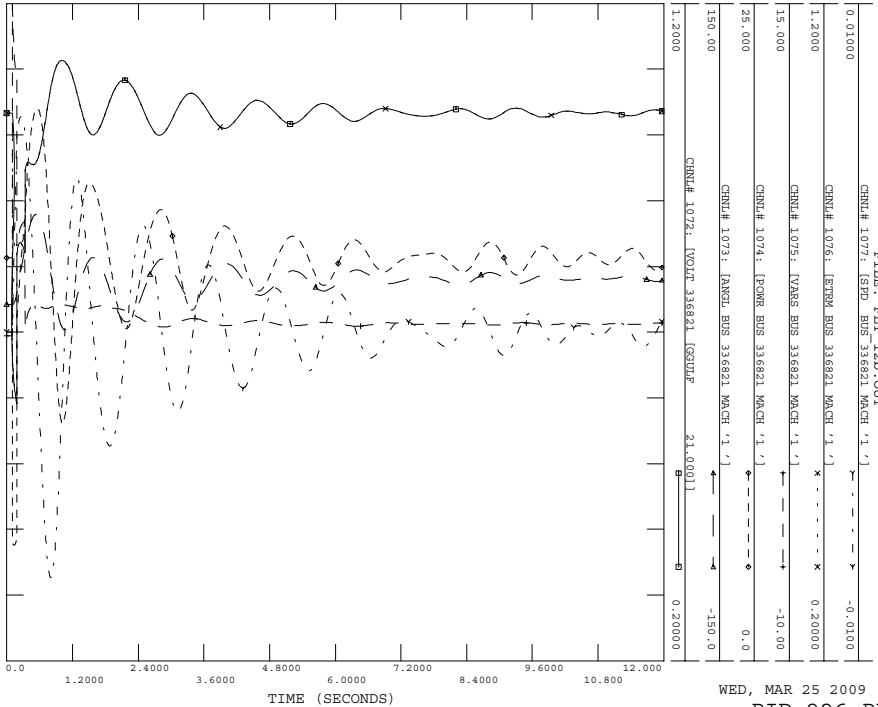


POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 8BOGALUS TO 6AMSCRK AND 8PRKLN TO 8G.GULF
 FILE: FLT_12D.OUT





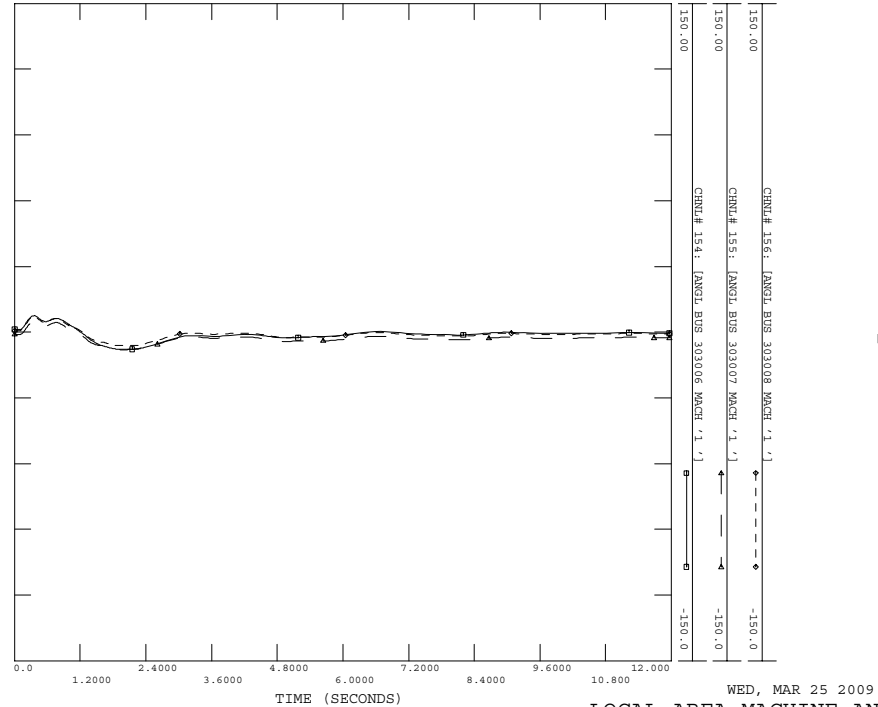
POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8BOGALUS TO 8ADMSCRK AND 8FRKLIN TO 8G.GULF
 FILE: FLT_12D.OUT



PID-226 PLOTS



POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8BOGALUS TO 8ADMSCRK AND 8FRKLIN TO 8G.GULF
 FILE: FLT_12D.OUT

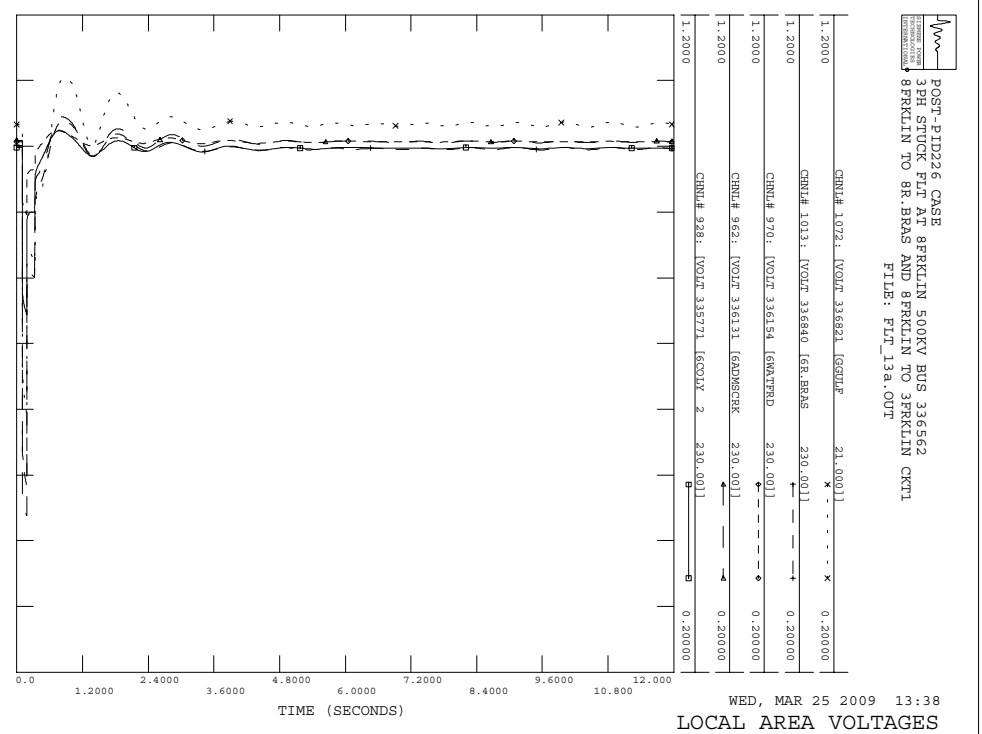
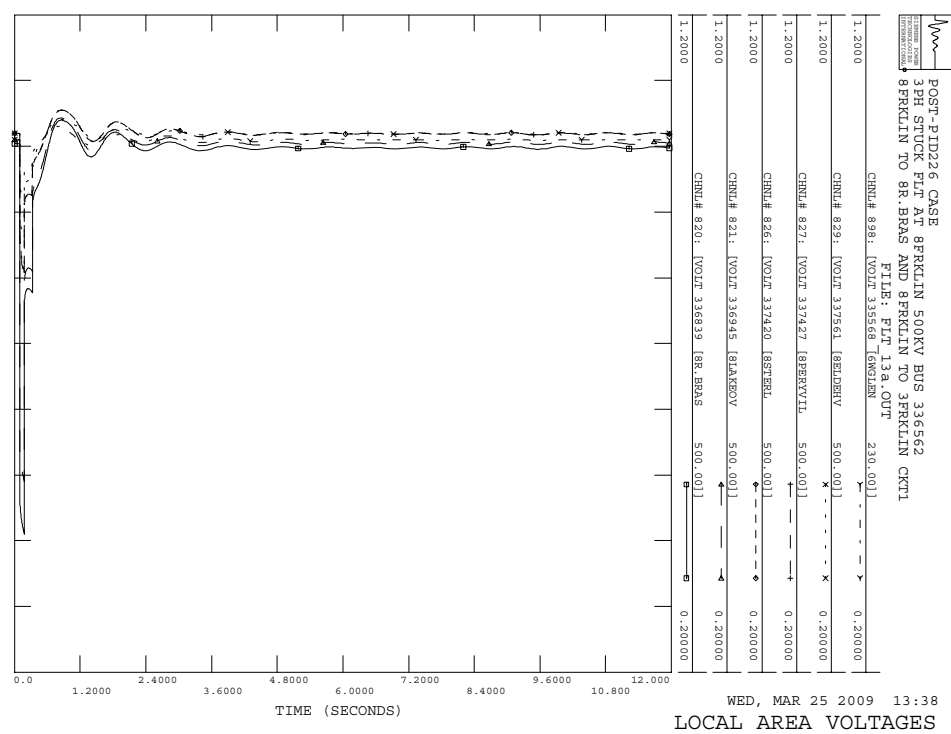
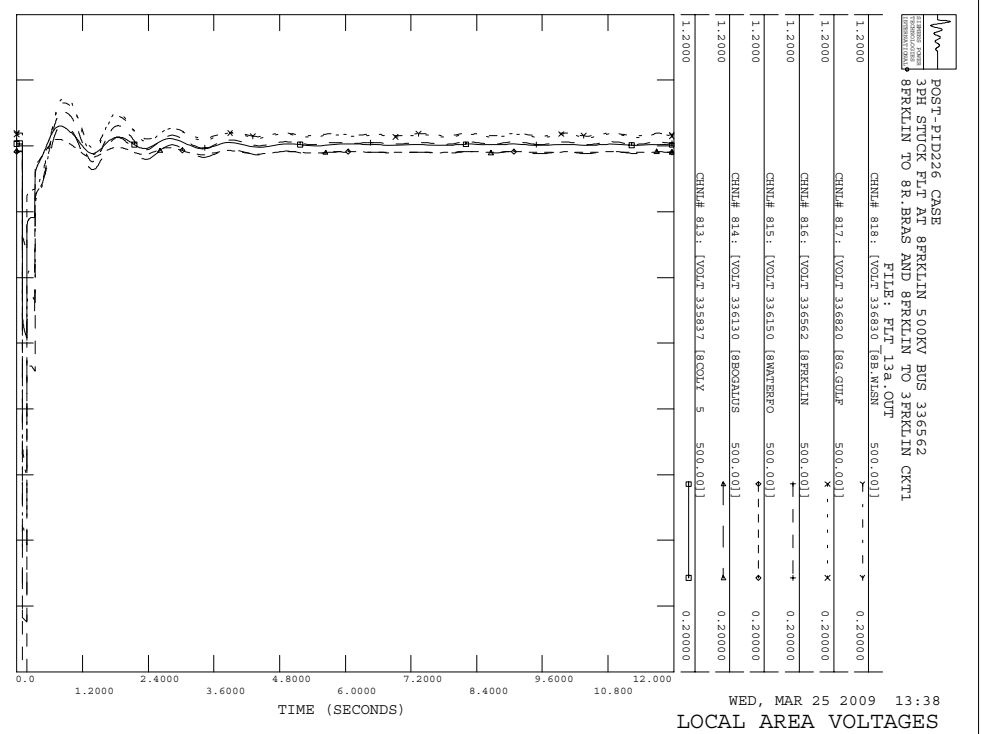
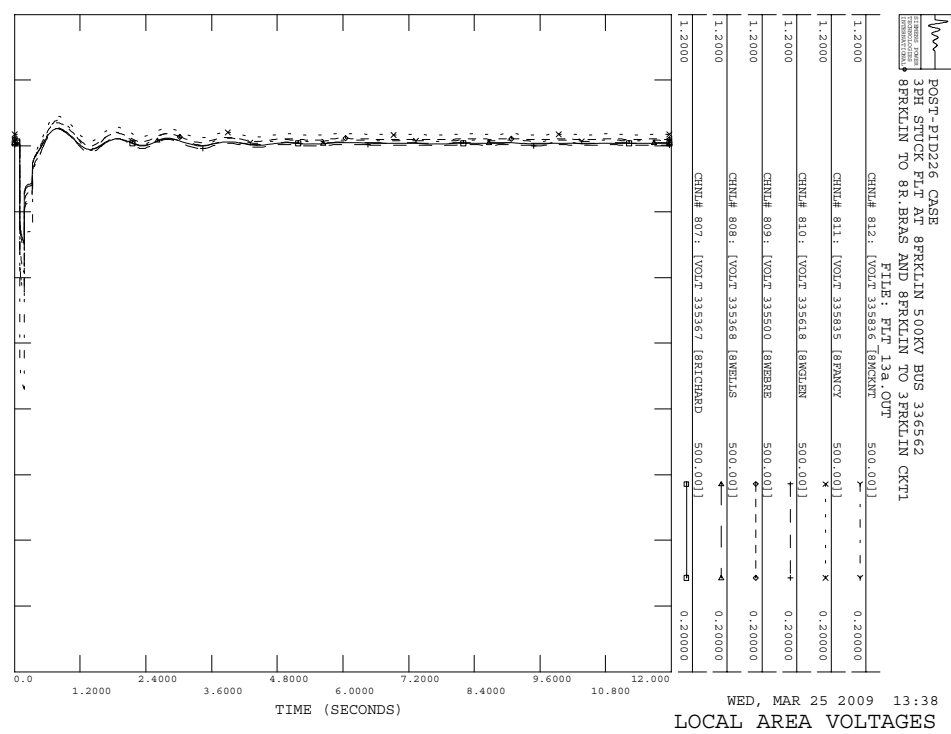


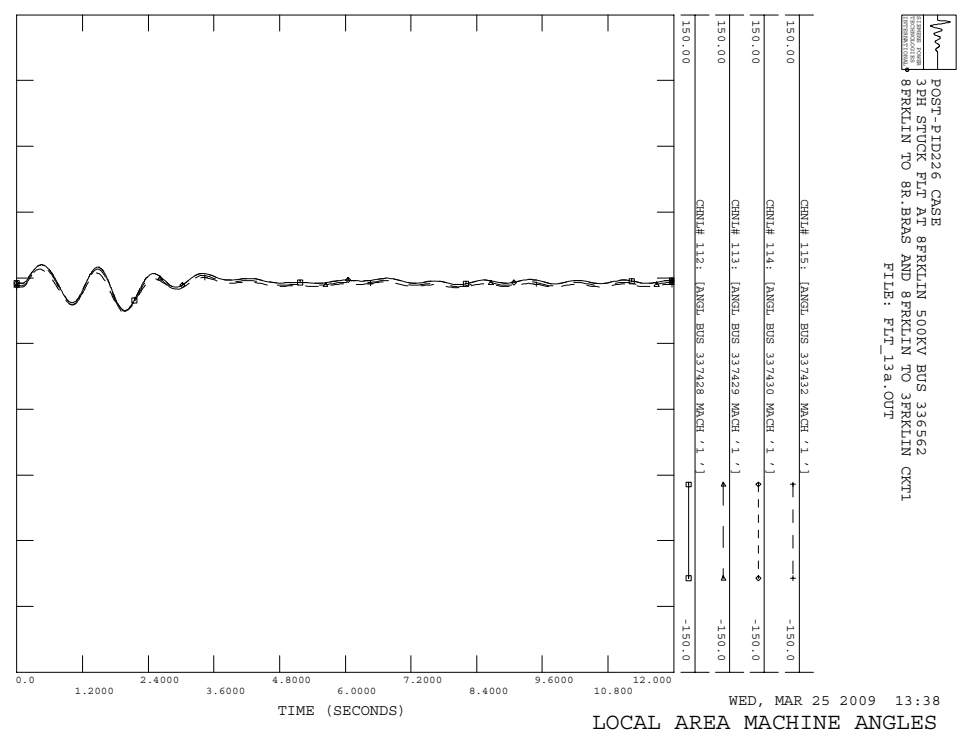
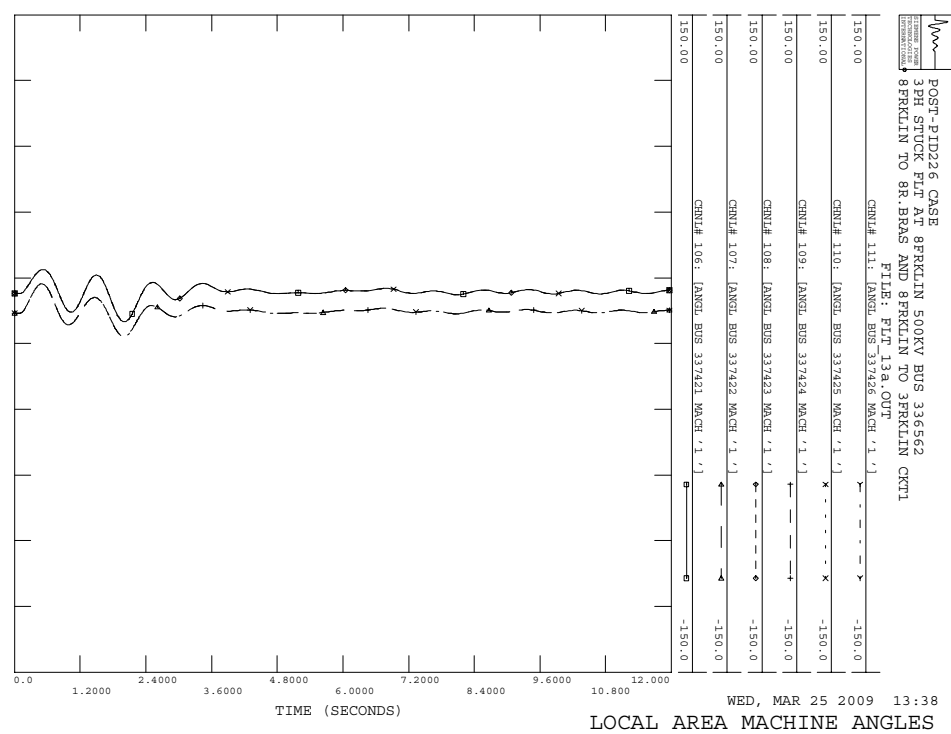
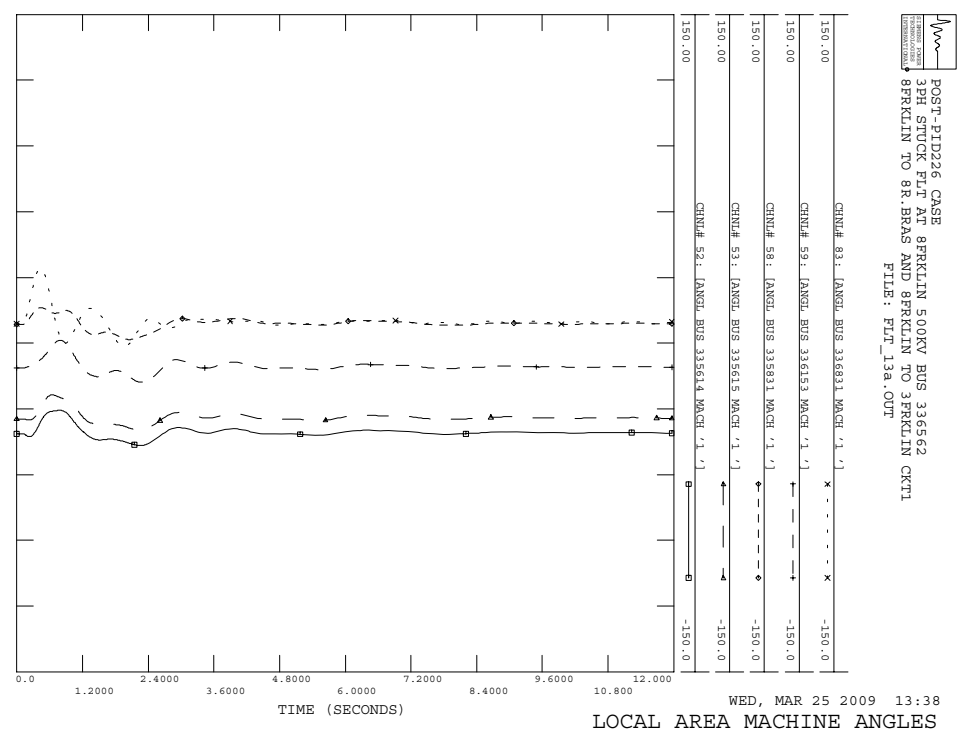
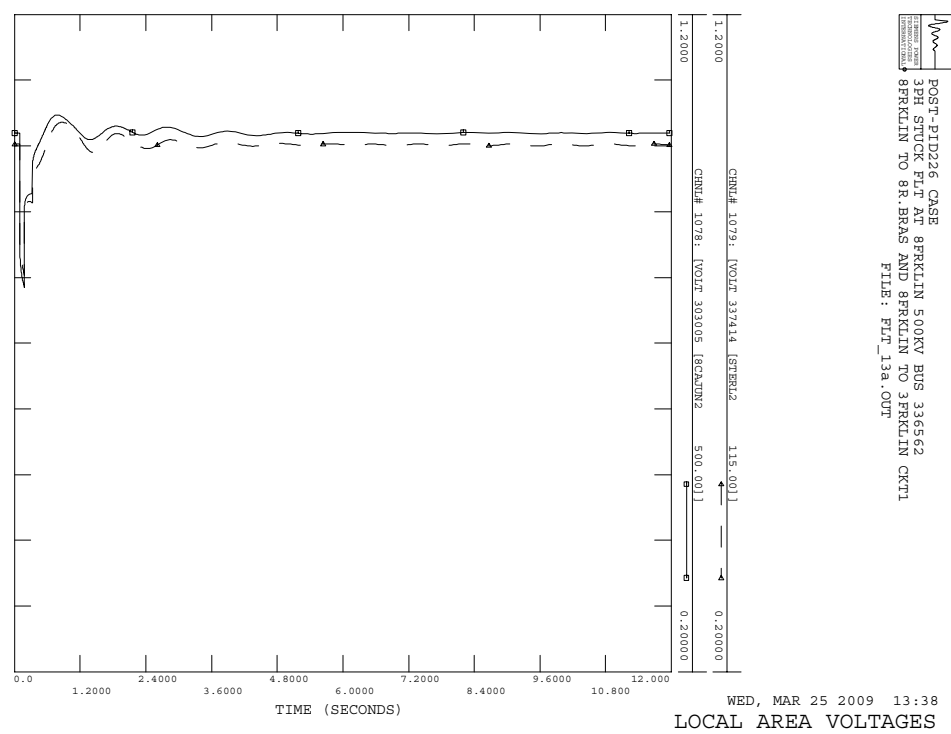
LOCAL AREA MACHINE ANGLES

C.37 FLT_13a

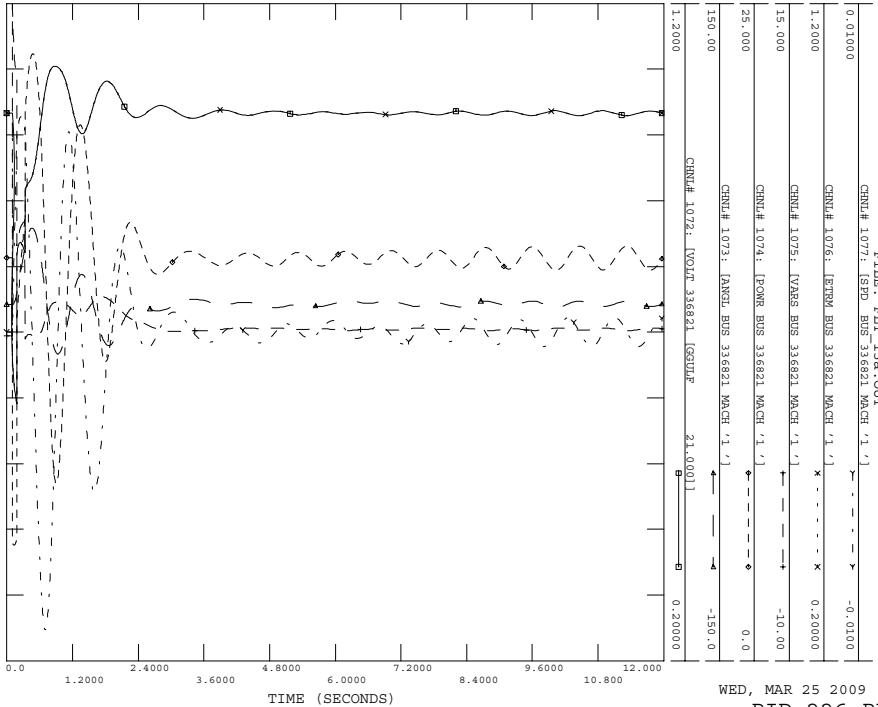
Stuck breaker fault on the 8FRKLIN (#336562) to 8R.BRAS (#336839) branch, near the 8FRKLIN.

- 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

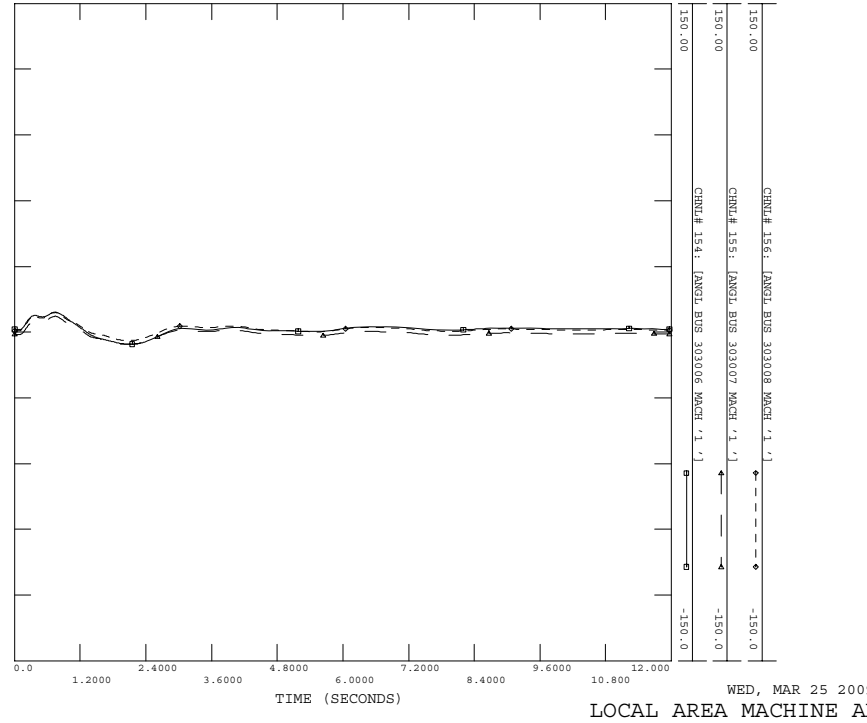




POST-PID226 CASE
 3PH STUCK FLT AT 8RKLIN 500KV BUS 336562
 8RKLIN TO 8R.BRAS AND 8RKLIN TO 3RKLIN CKTI
 FILE: FLT_13a.OUT



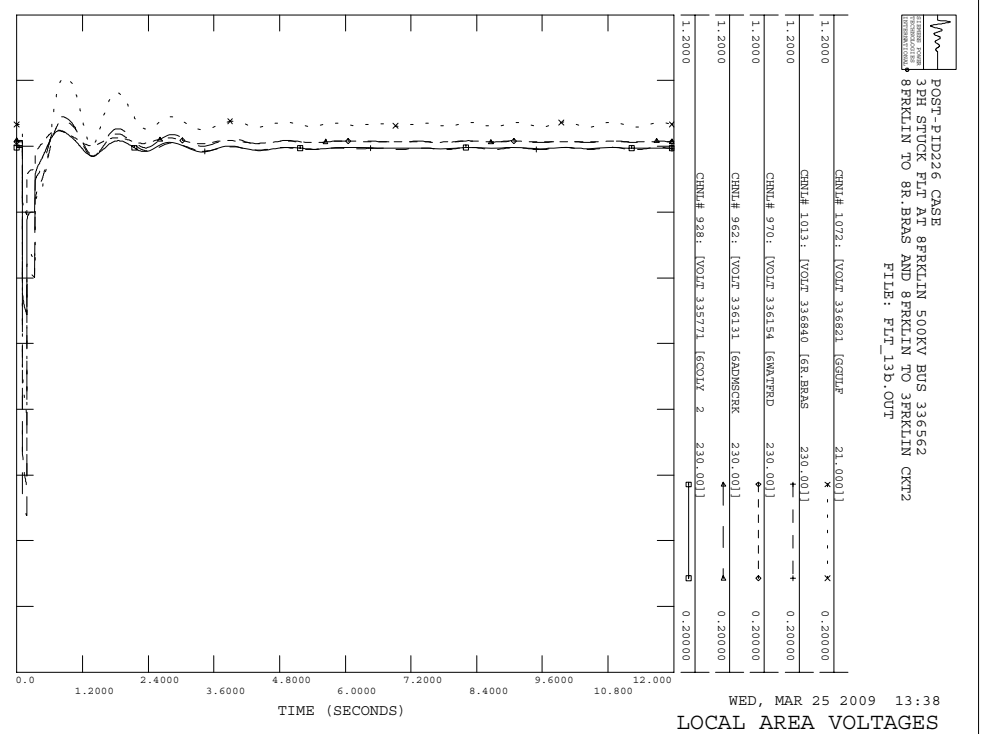
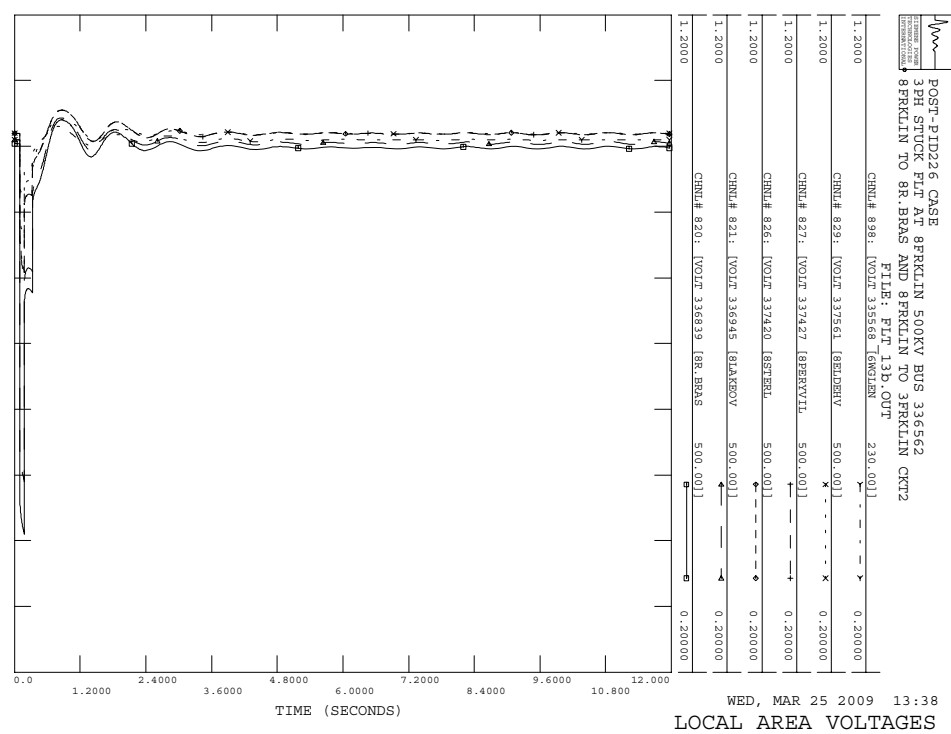
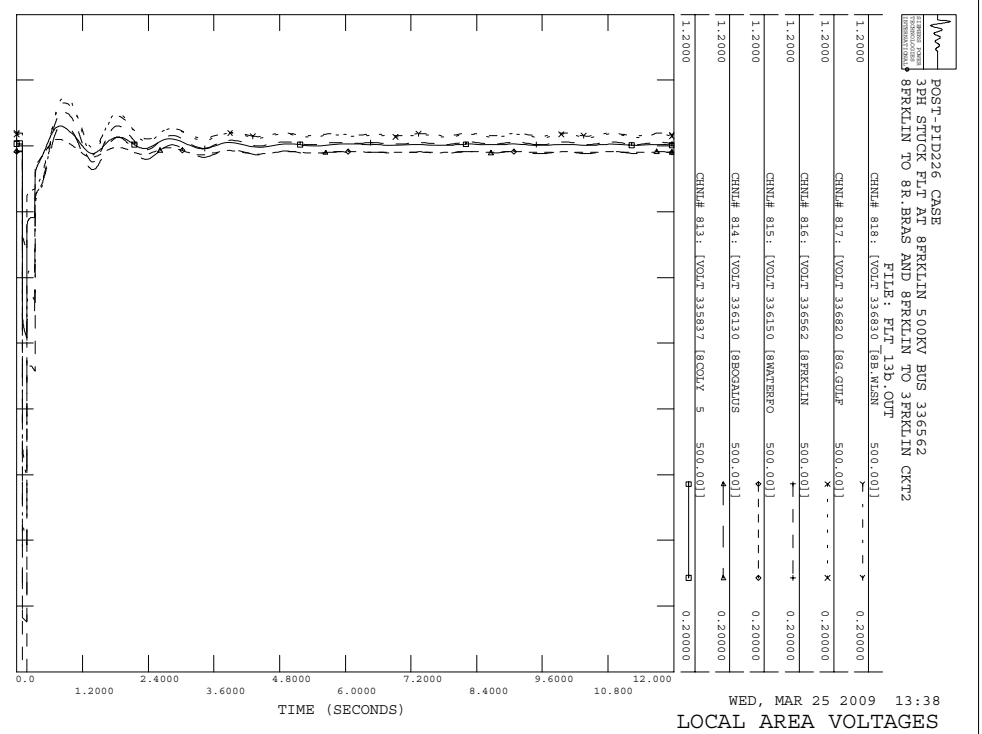
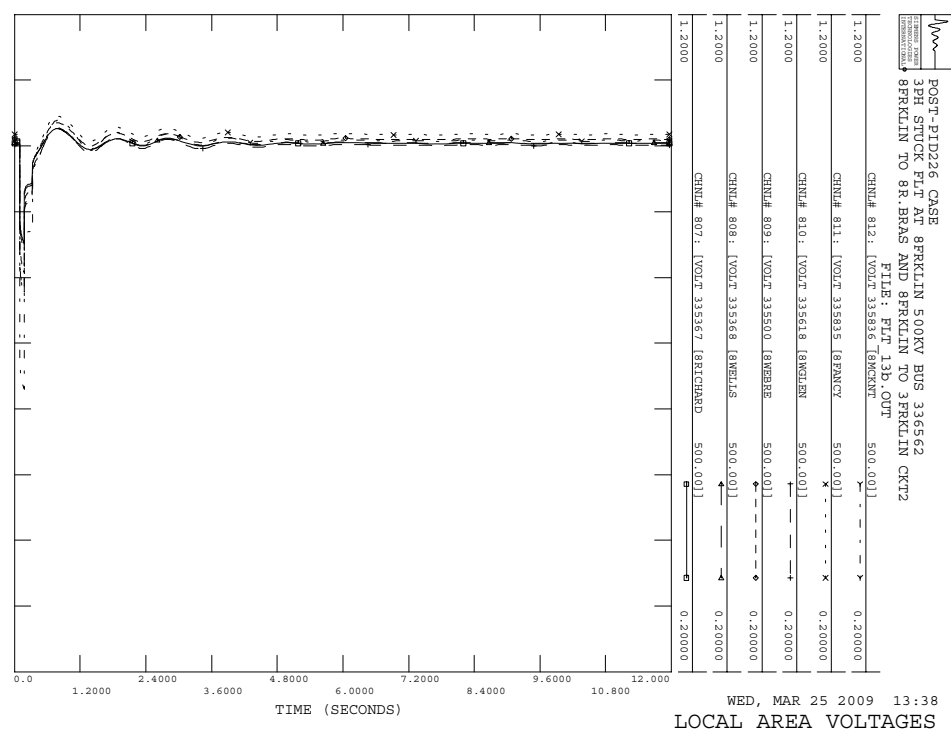
POST-PID226 CASE
 3PH STUCK FLT AT 8RKLIN 500KV BUS 336562
 8RKLIN TO 8R.BRAS AND 8RKLIN TO 3RKLIN CKTI
 FILE: FLT_13a.OUT



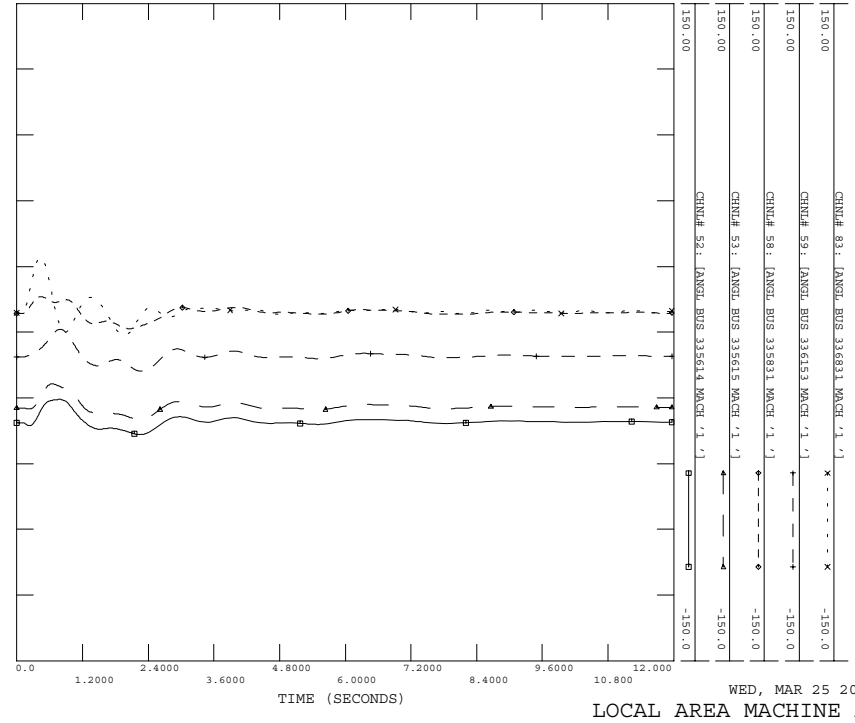
C.38 FLT_13b

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

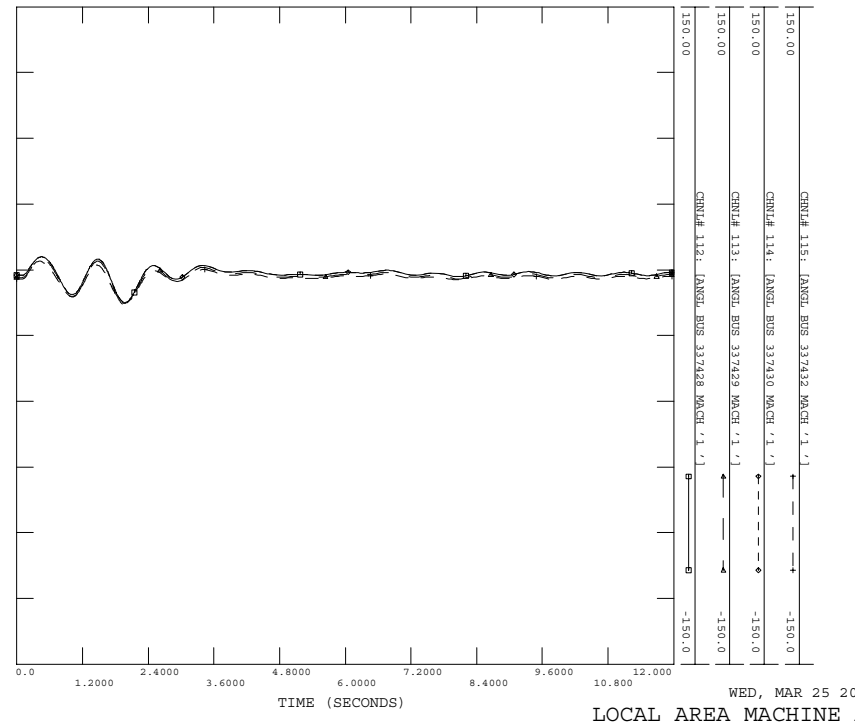
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8R.BRAS AND 8FRKLIN TO 3FRKLIN CKT2



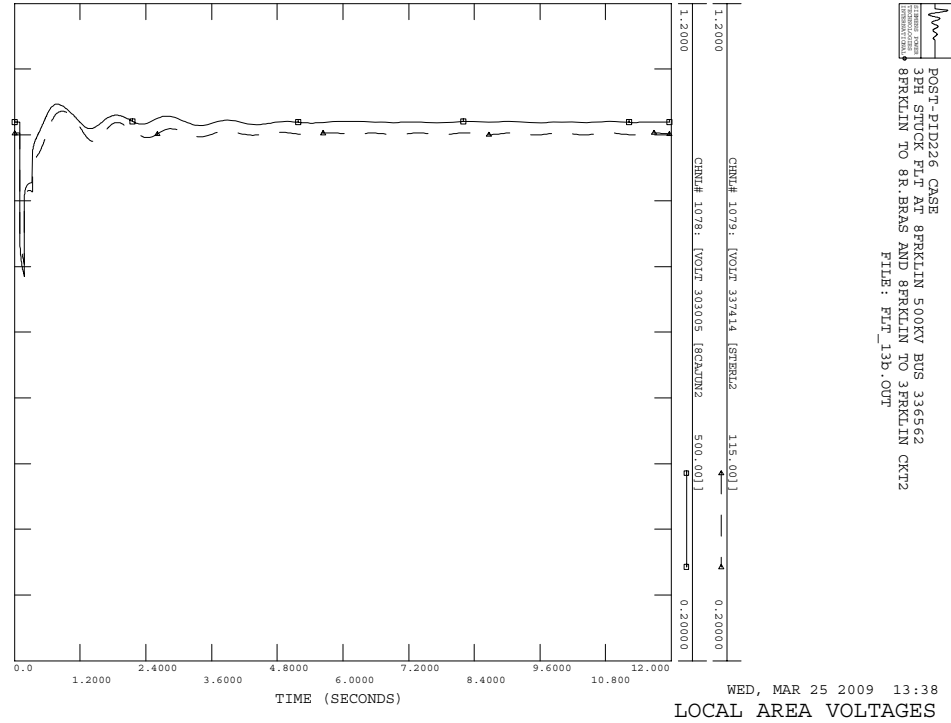
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO BR.BRAS AND 8PRKLIN TO 3PRKLIN CKT2
 FILE: FLT_13B.OUT



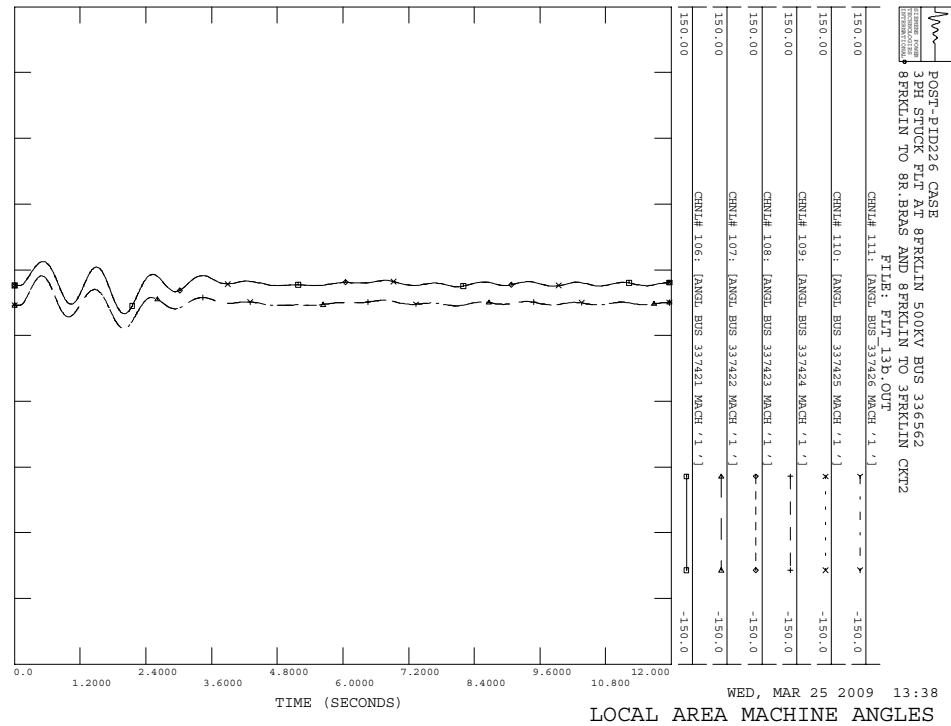
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO BR.BRAS AND 8PRKLIN TO 3PRKLIN CKT2
 FILE: FLT_13B.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO BR.BRAS AND 8PRKLIN TO 3PRKLIN CKT2
 FILE: FLT_13B.OUT

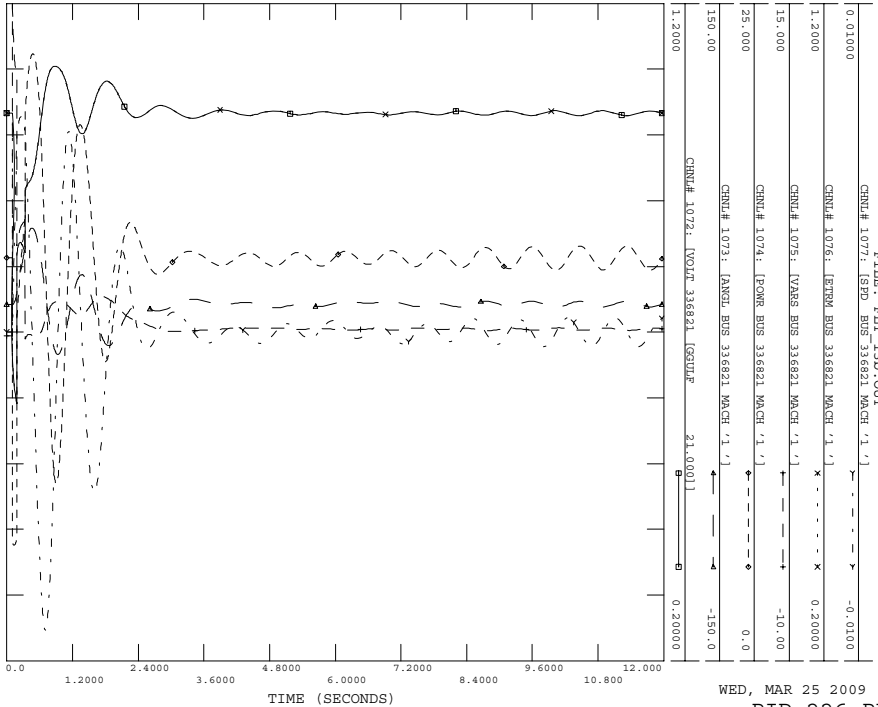


POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO BR.BRAS AND 8PRKLIN TO 3PRKLIN CKT2
 FILE: FLT_13B.OUT





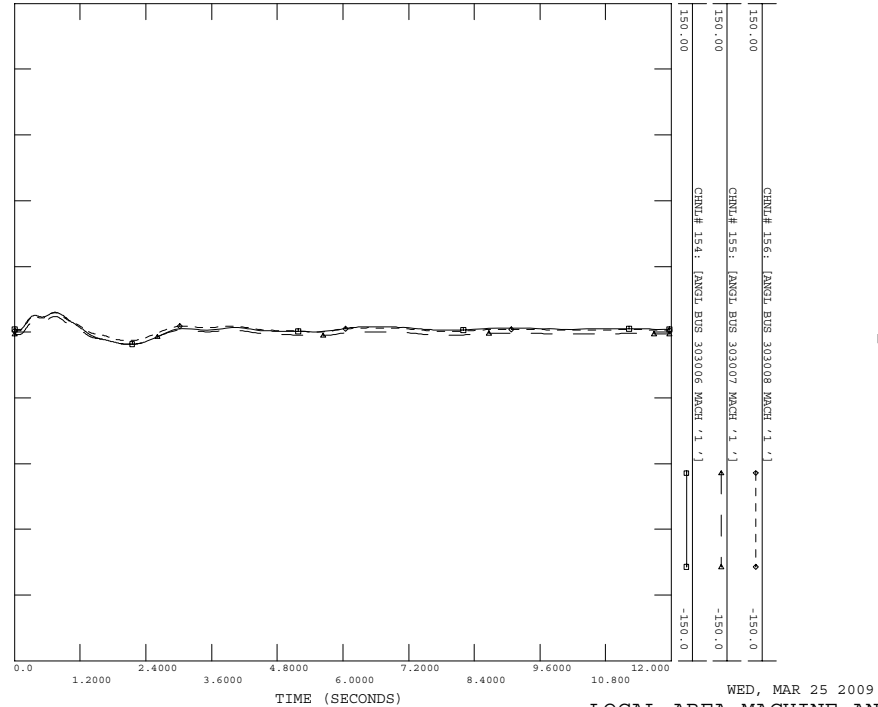
POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8R.BRAS AND 8FRKLIN TO 3FRKLIN CKT2
 FILE: FLT_13D.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8R.BRAS AND 8FRKLIN TO 3FRKLIN CKT2
 FILE: FLT_13D.OUT

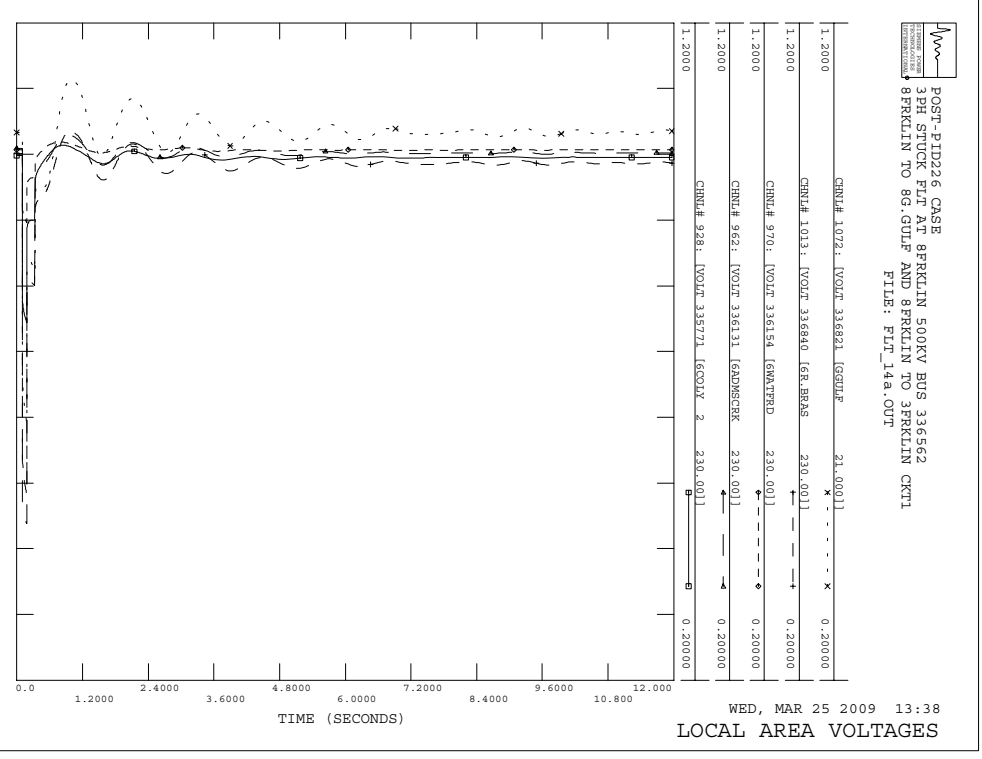
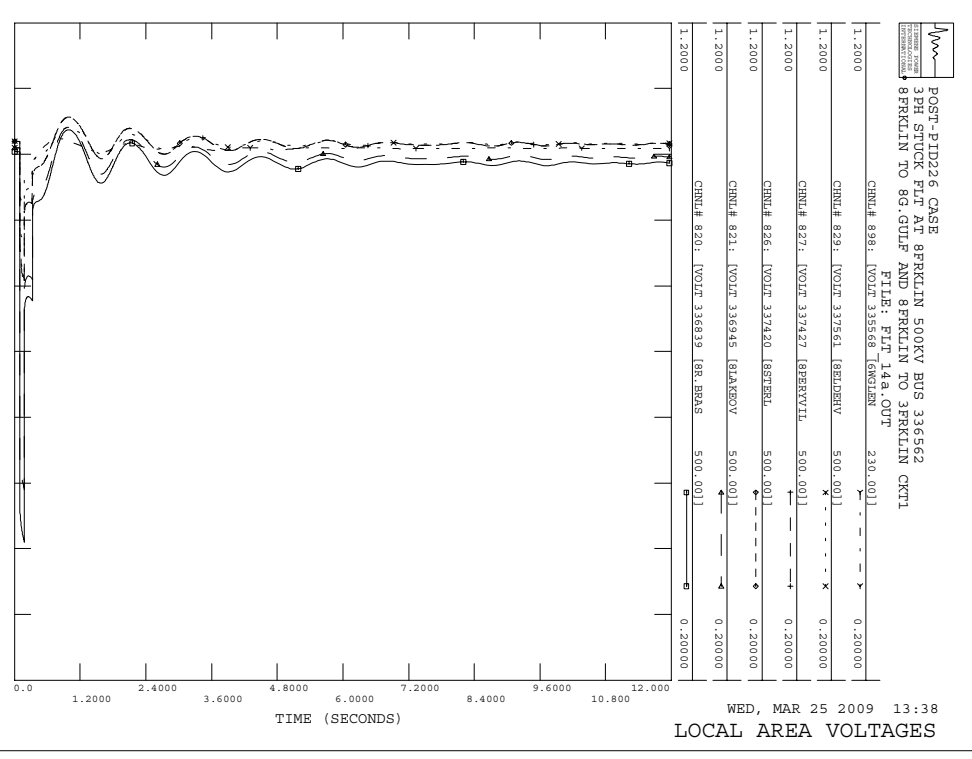
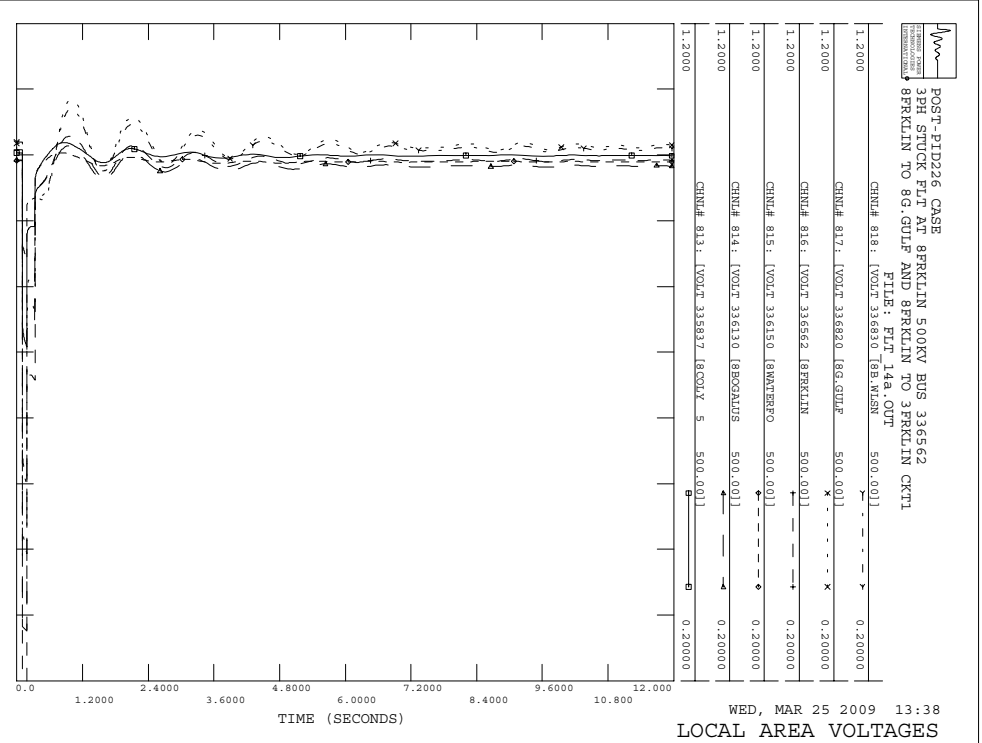
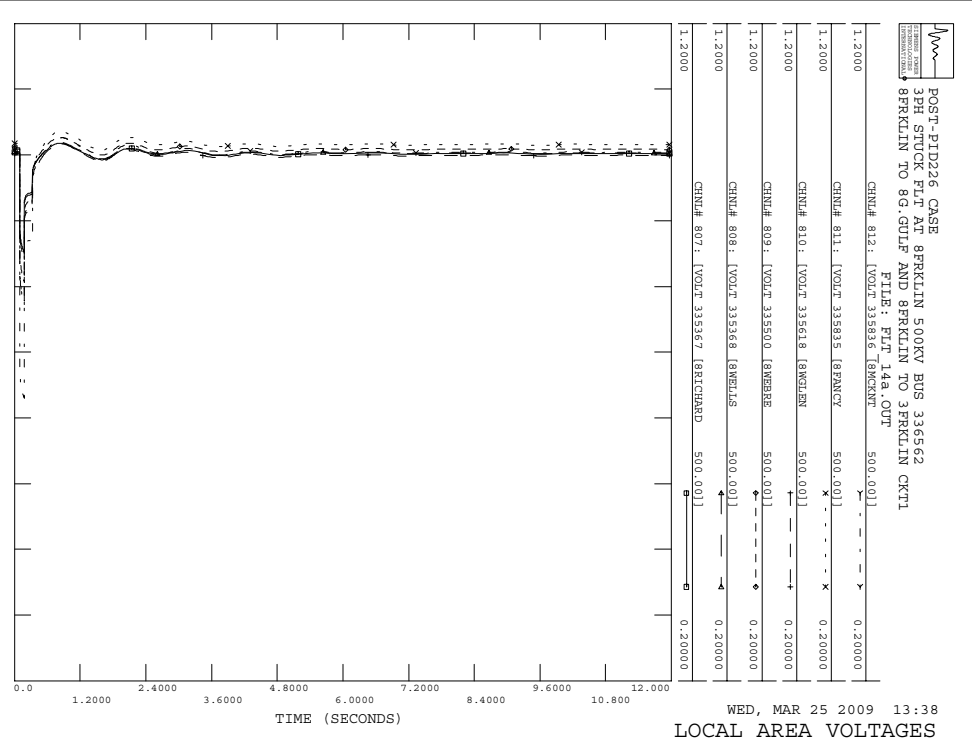


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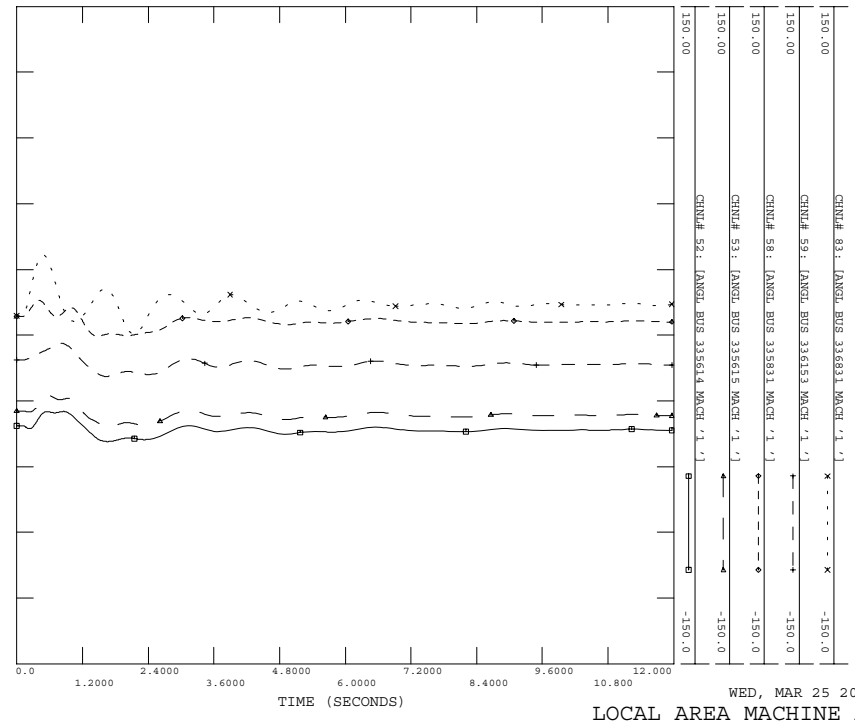
C.39 FLT_14a

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

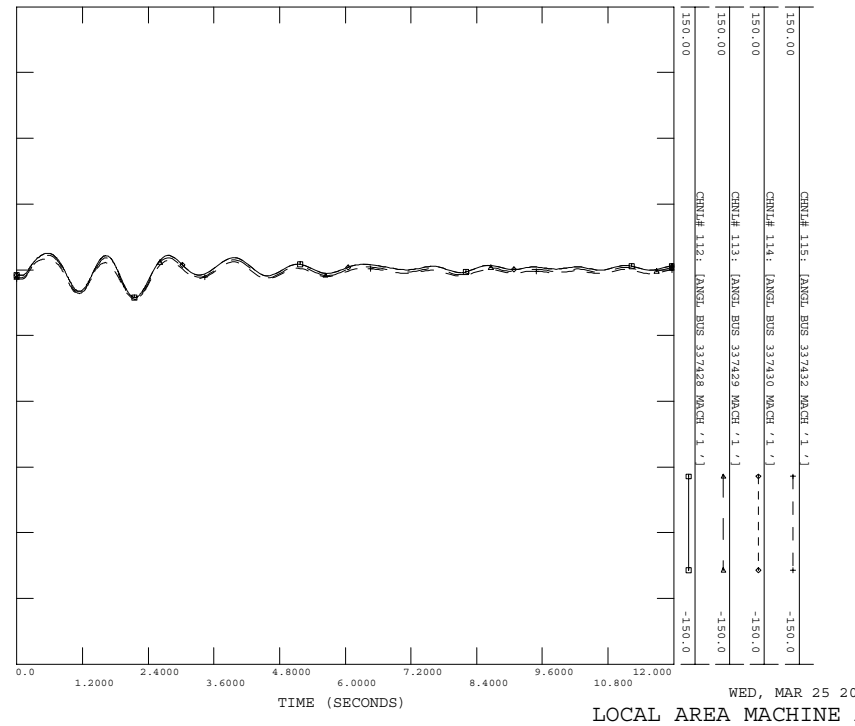
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 3FRKLIN CKT1



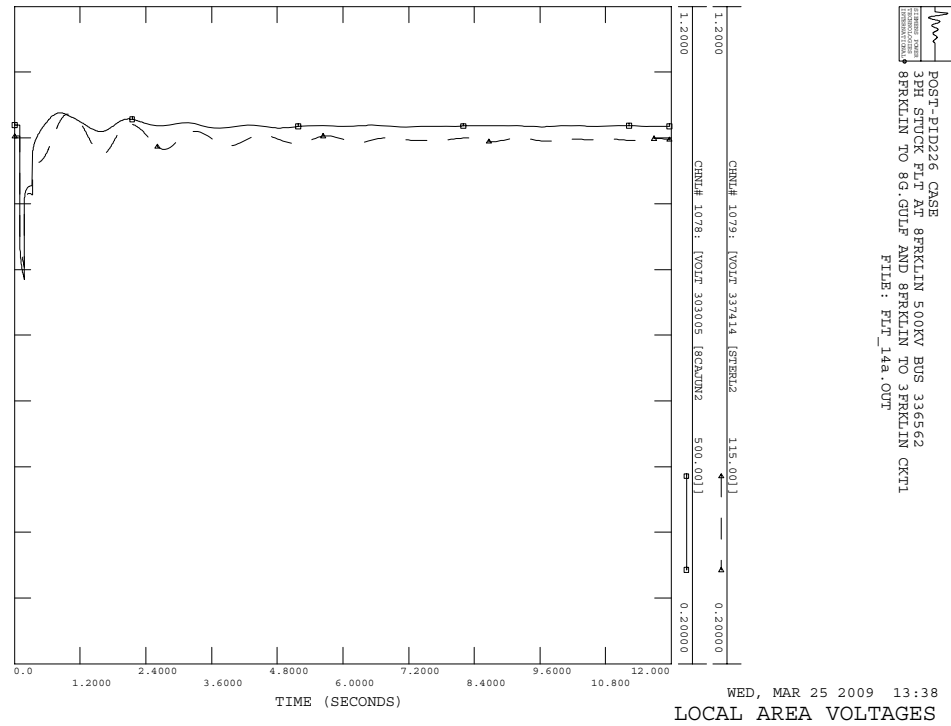
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8G.GULF AND 8PRKLIN TO 3PRKLIN CKTL
 FILE: FLT_14a.OUT



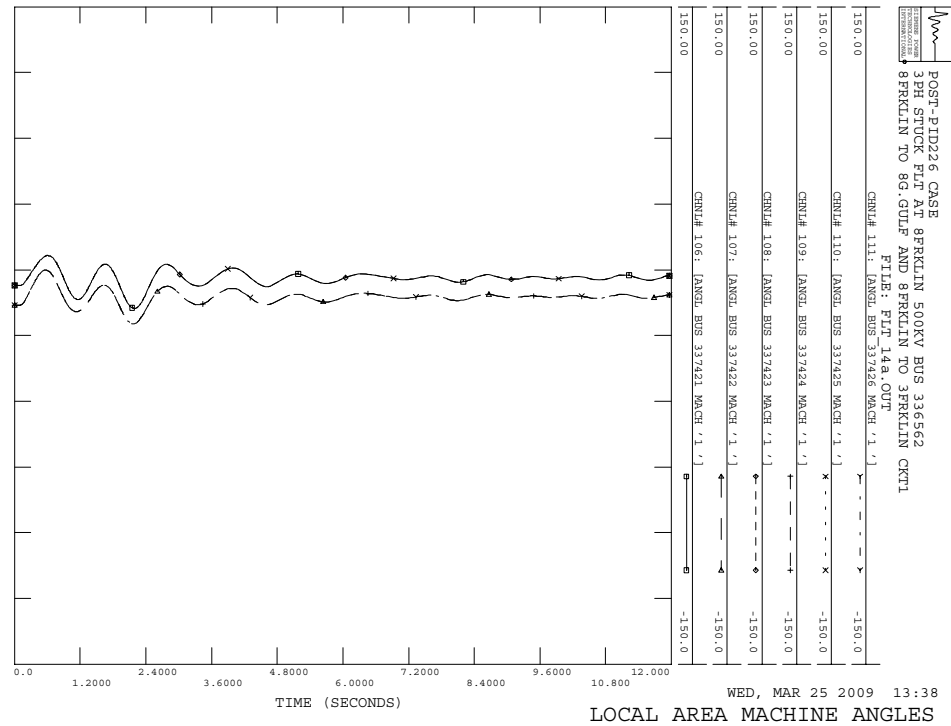
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8G.GULF AND 8PRKLIN TO 3PRKLIN CKTL
 FILE: FLT_14a.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8G.GULF AND 8PRKLIN TO 3PRKLIN CKTL
 FILE: FLT_14a.OUT

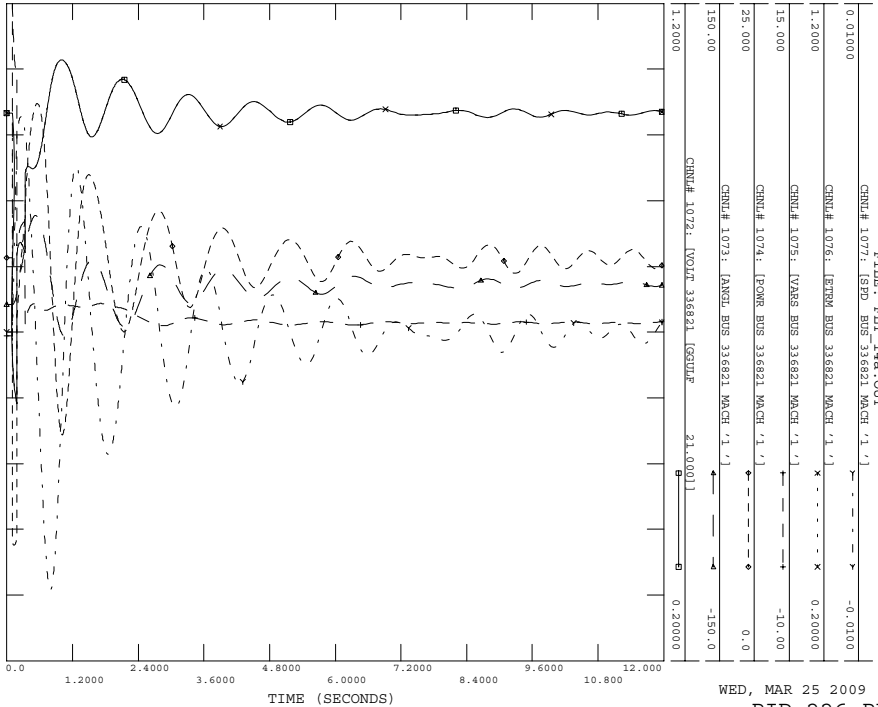


POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLIN 500KV BUS 336562
 8PRKLIN TO 8G.GULF AND 8PRKLIN TO 3PRKLIN CKTL
 FILE: FLT_14a.OUT





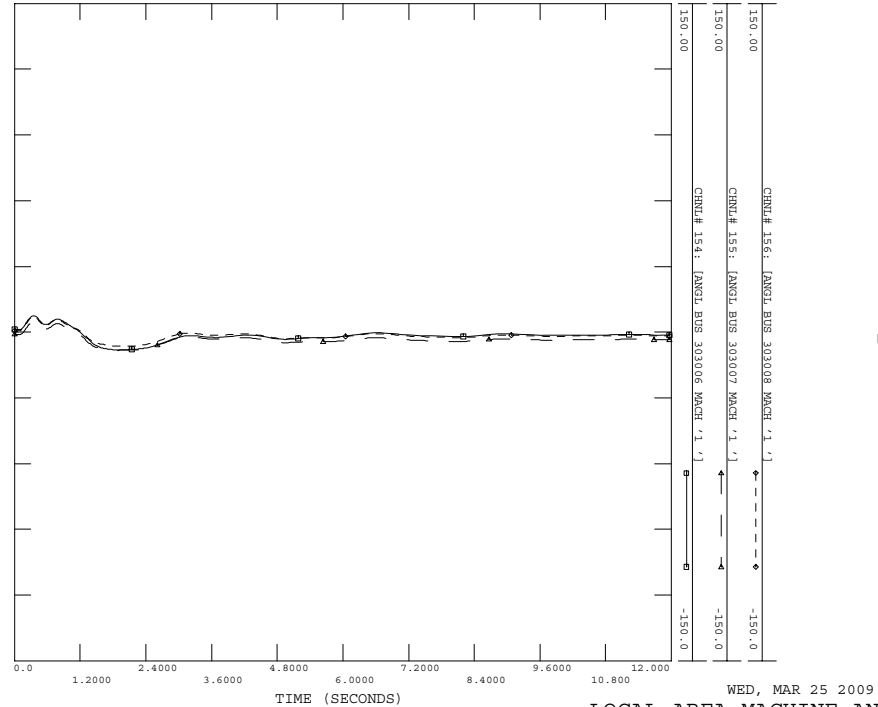
POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 3FRKLIN CKTI
 FILE: FLT_14a.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 3FRKLIN CKTI
 FILE: FLT_14a.OUT

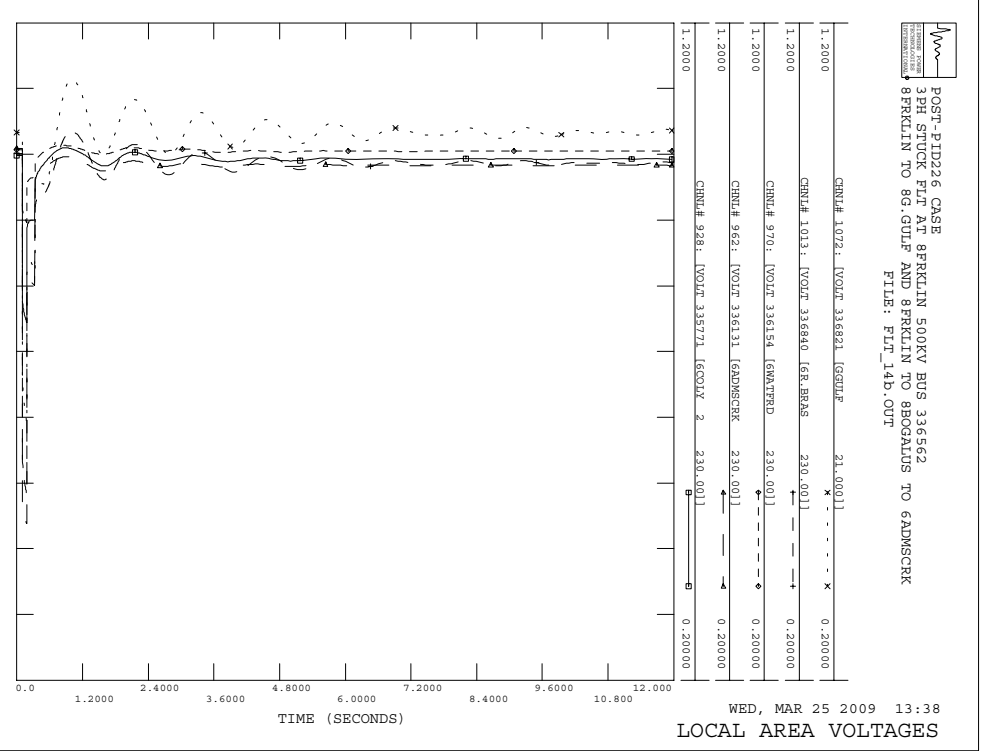
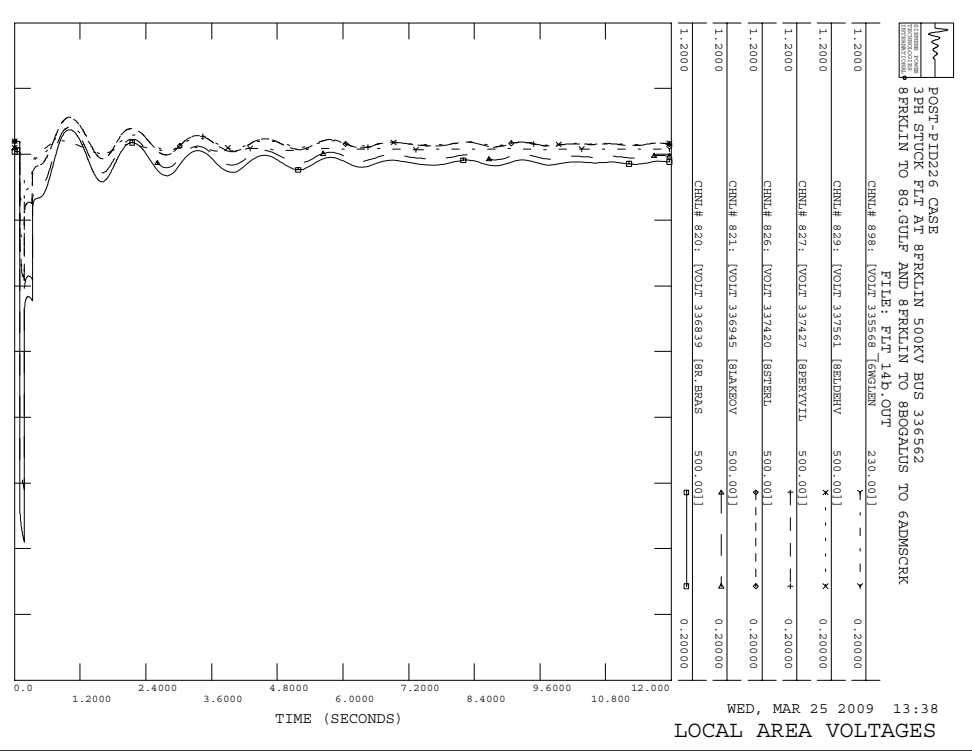
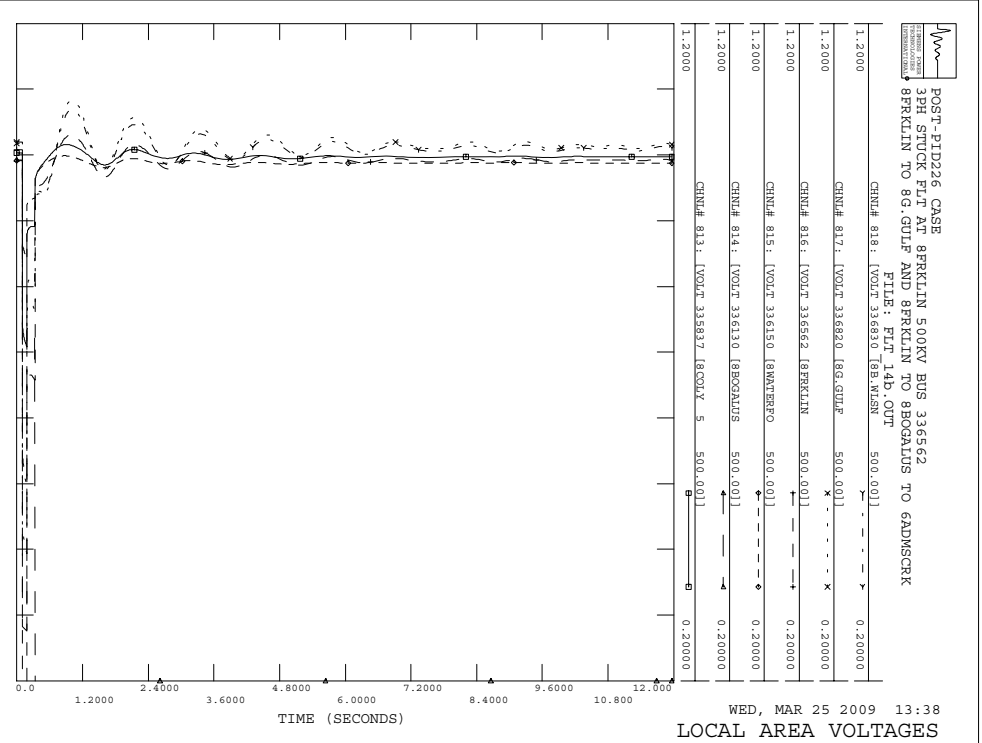
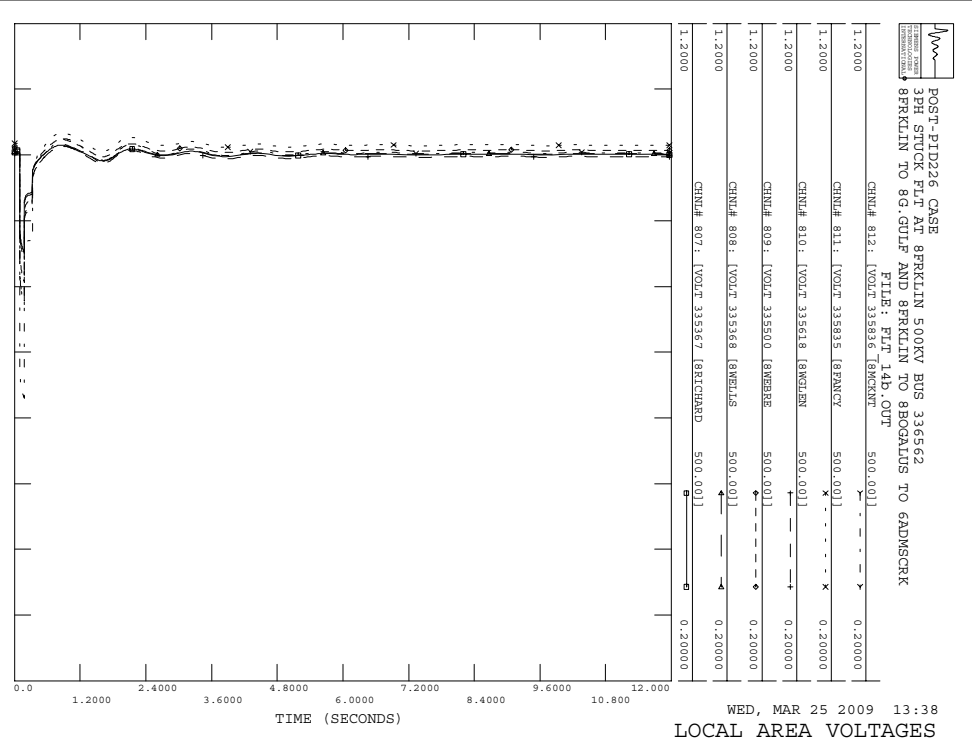


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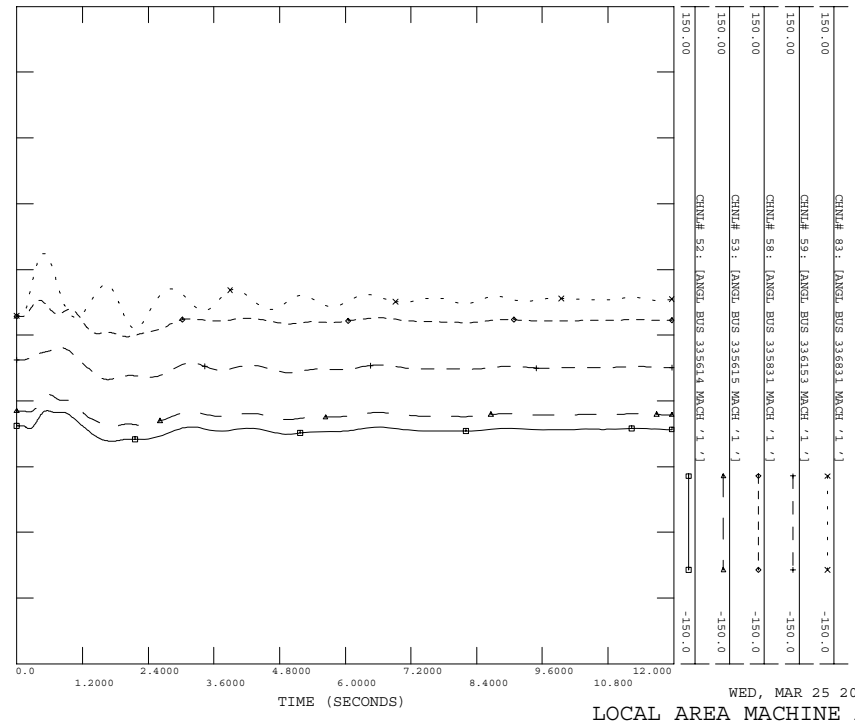
C.40 FLT_14b

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

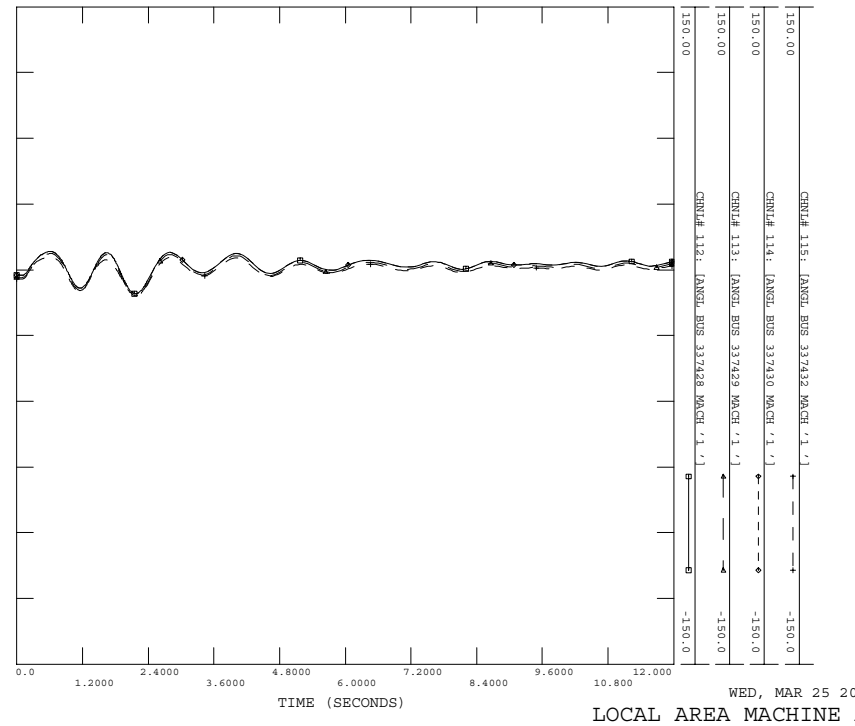
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOGALUS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



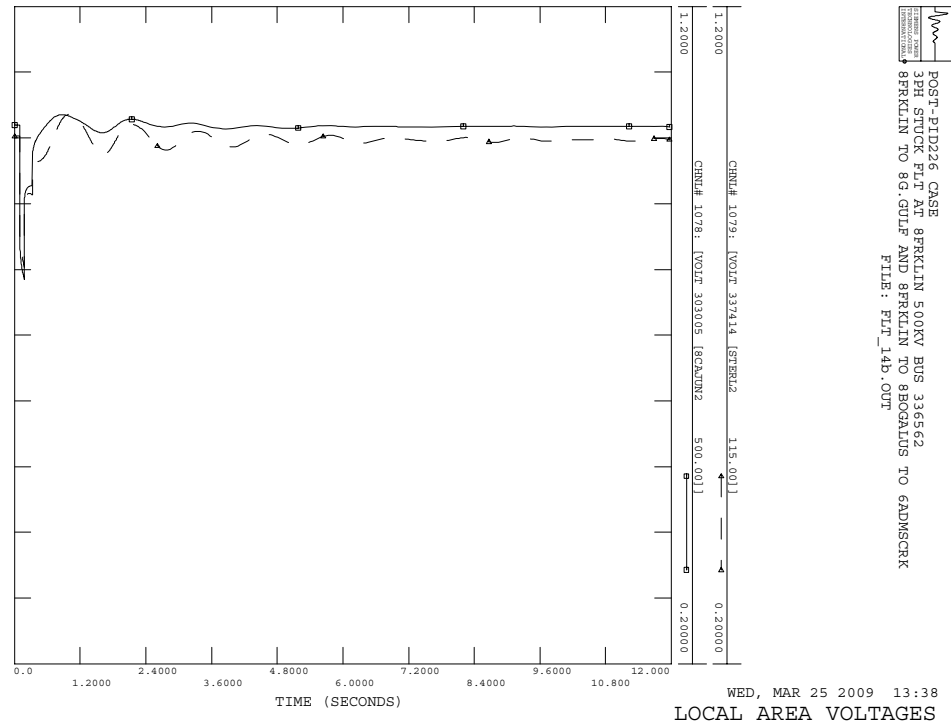
POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOCALUIS TO 6ADMSCRK
 FILE: FLT_14B.OUT



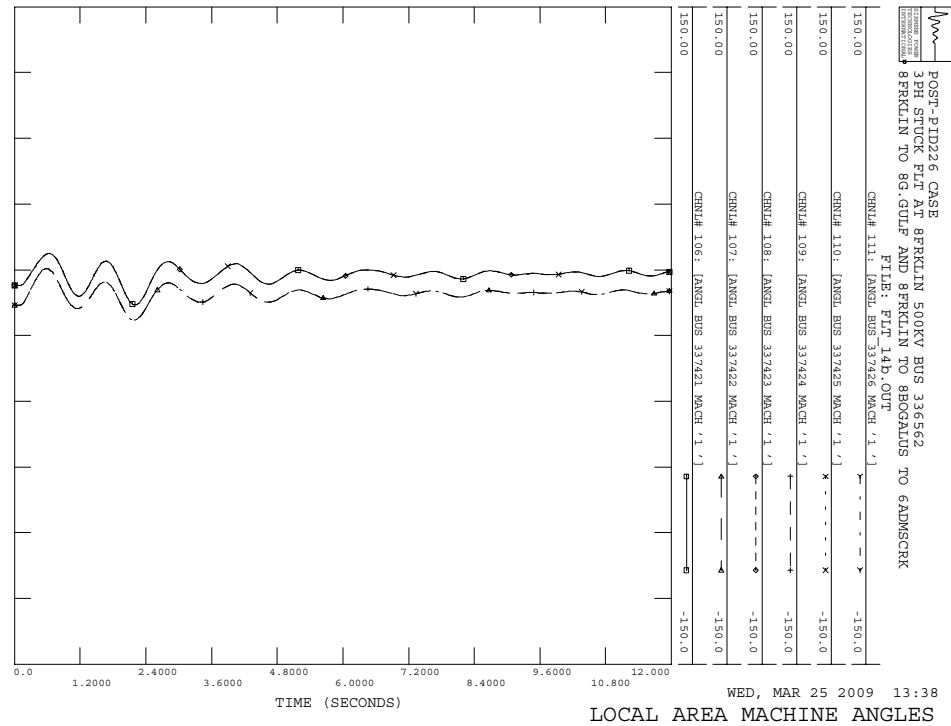
POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOCALUIS TO 6ADMSCRK
 FILE: FLT_14B.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOCALUIS TO 6ADMSCRK
 FILE: FLT_14B.OUT

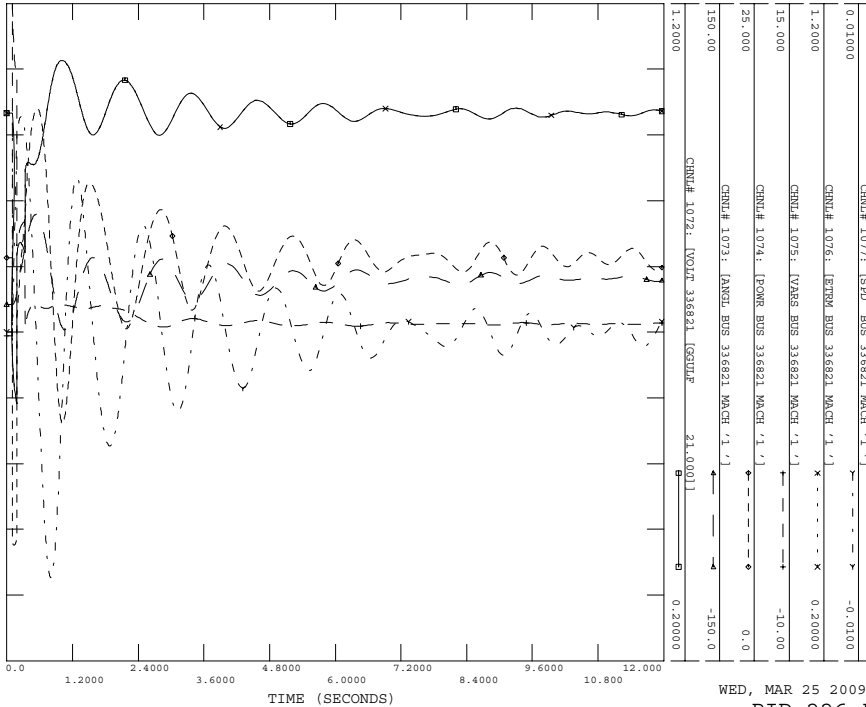


POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOCALUIS TO 6ADMSCRK
 FILE: FLT_14B.OUT





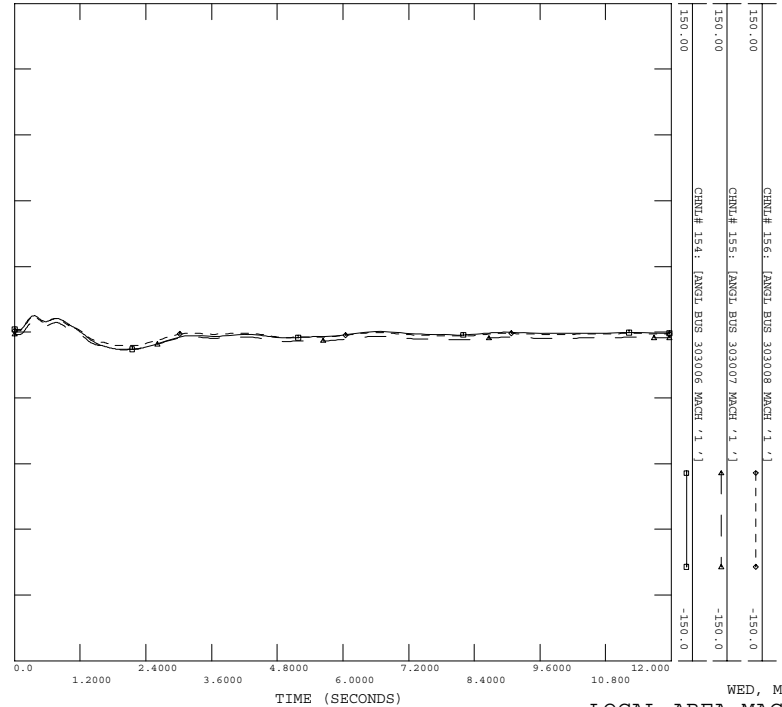
POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOGALUS TO 6ADMSCRK
 FILE: FLT_14B.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 8G.GULF AND 8FRKLIN TO 8BOGALUS TO 6ADMSCRK
 FILE: FLT_14B.OUT

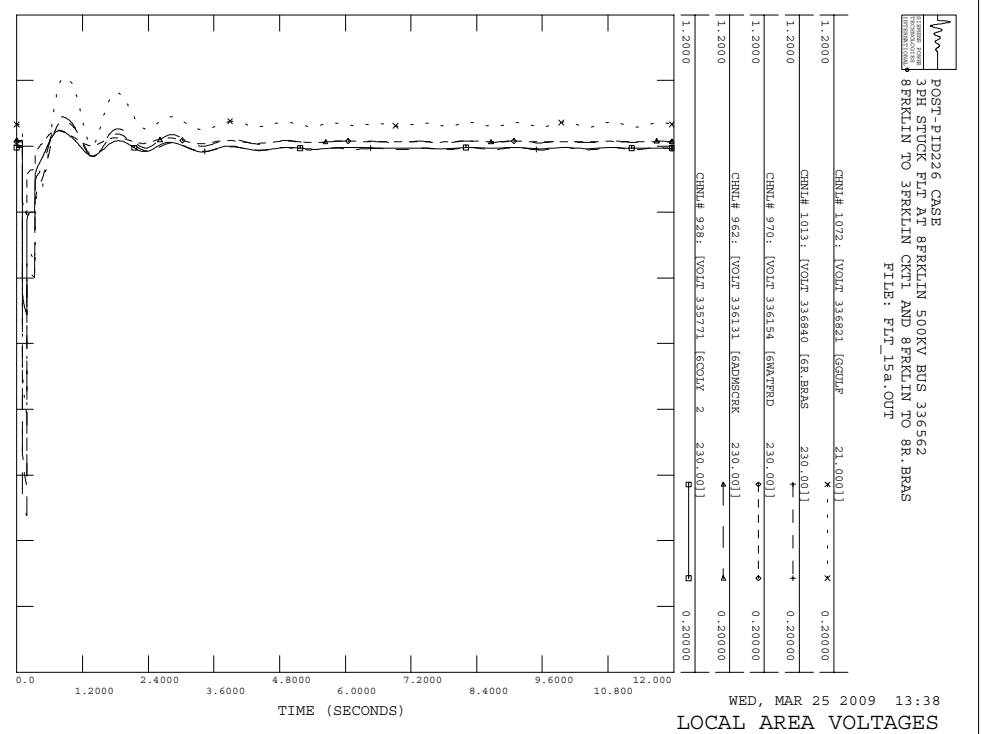
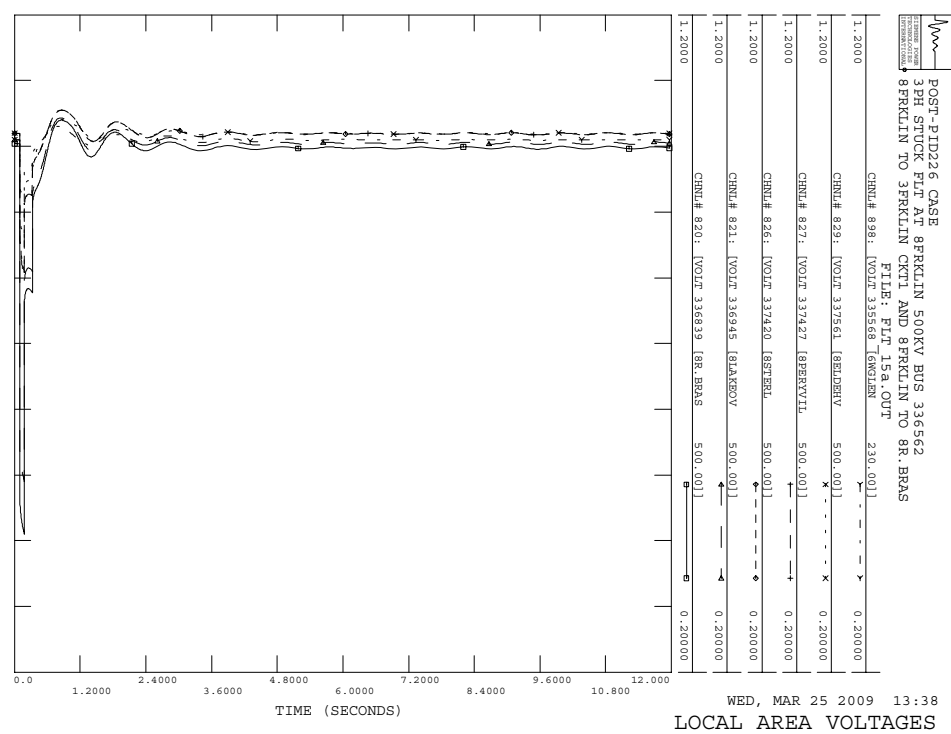
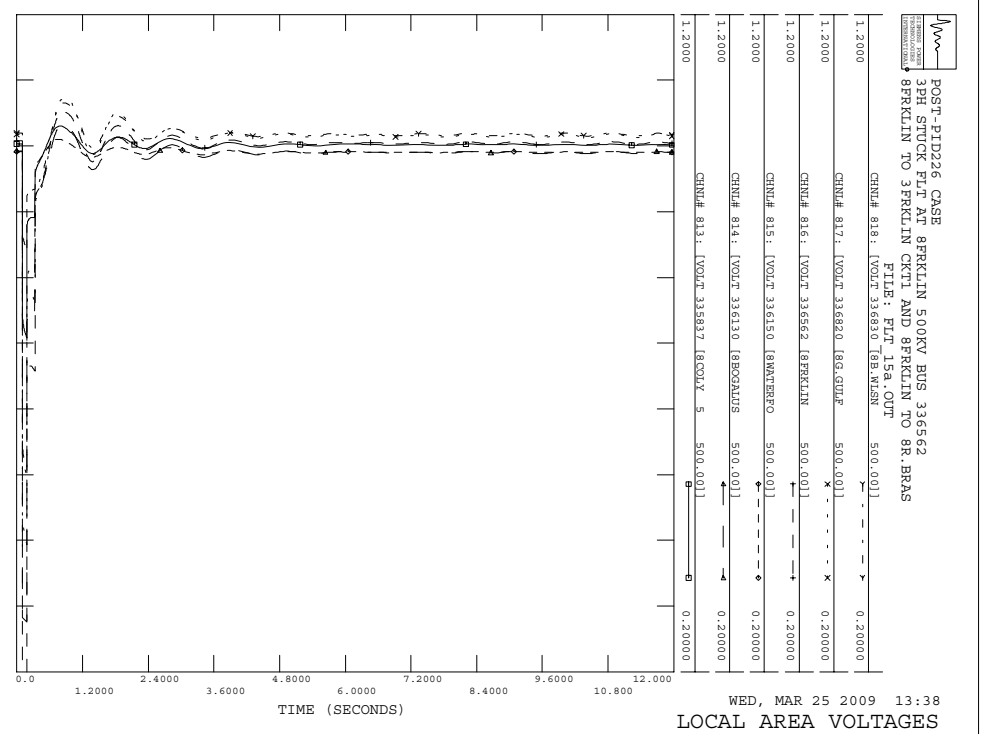
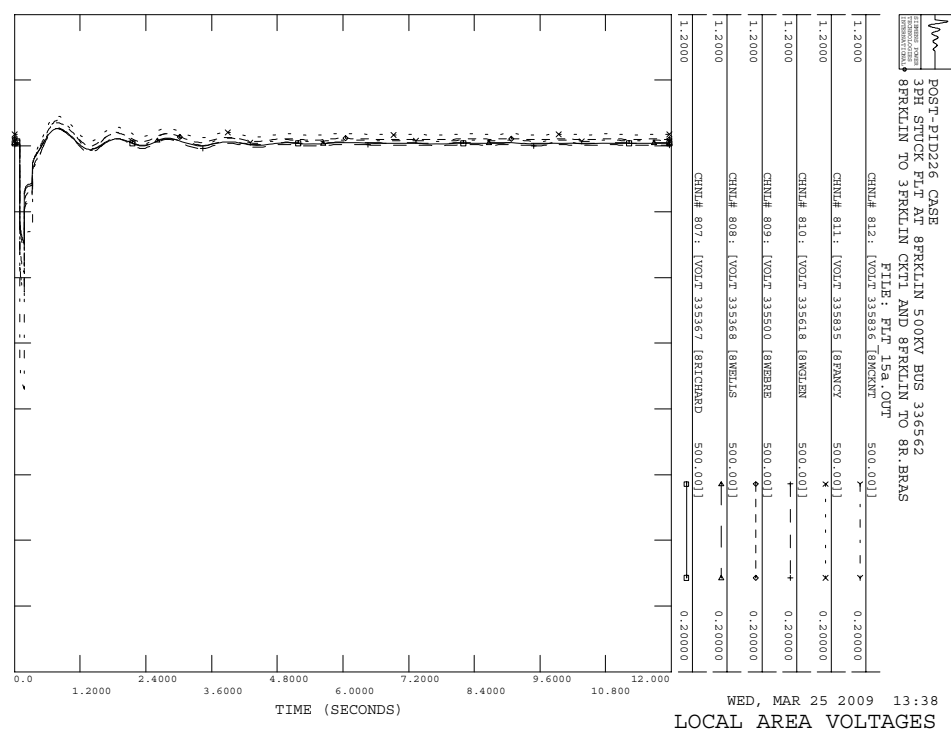


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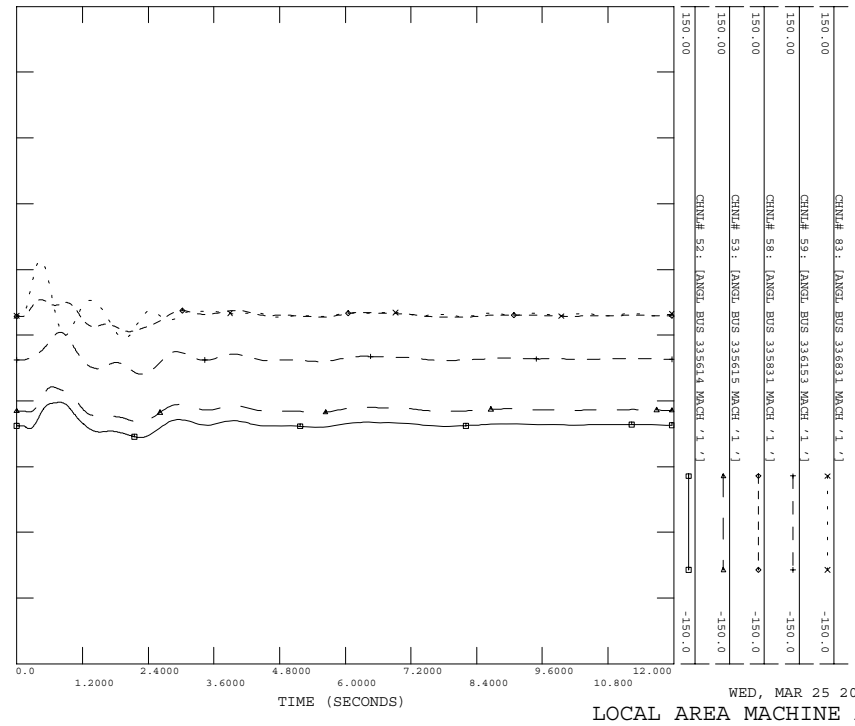
C.41 FLT_15a

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

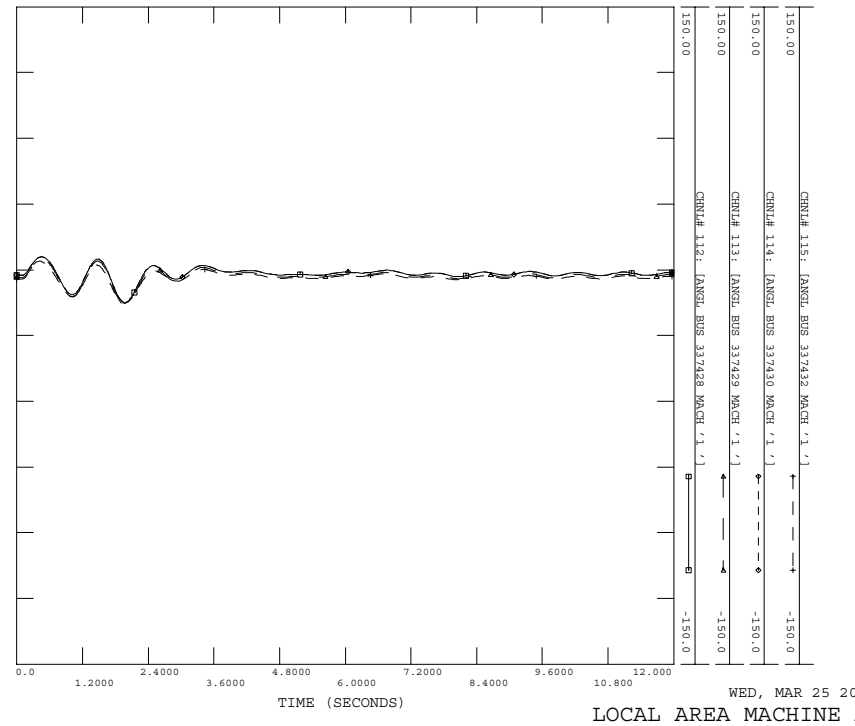
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 3FRKLIN CKT1 AND 8FRKLIN TO 8R.BRAS



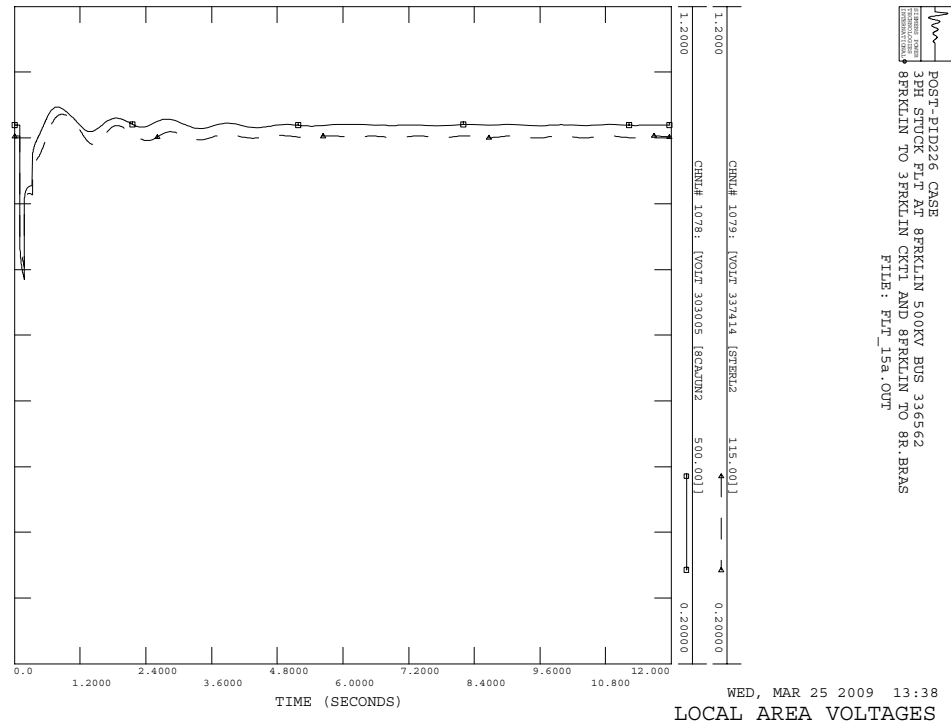
POST-PTD226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO BR.BRAS
 FILE: FLT_15a.OUT



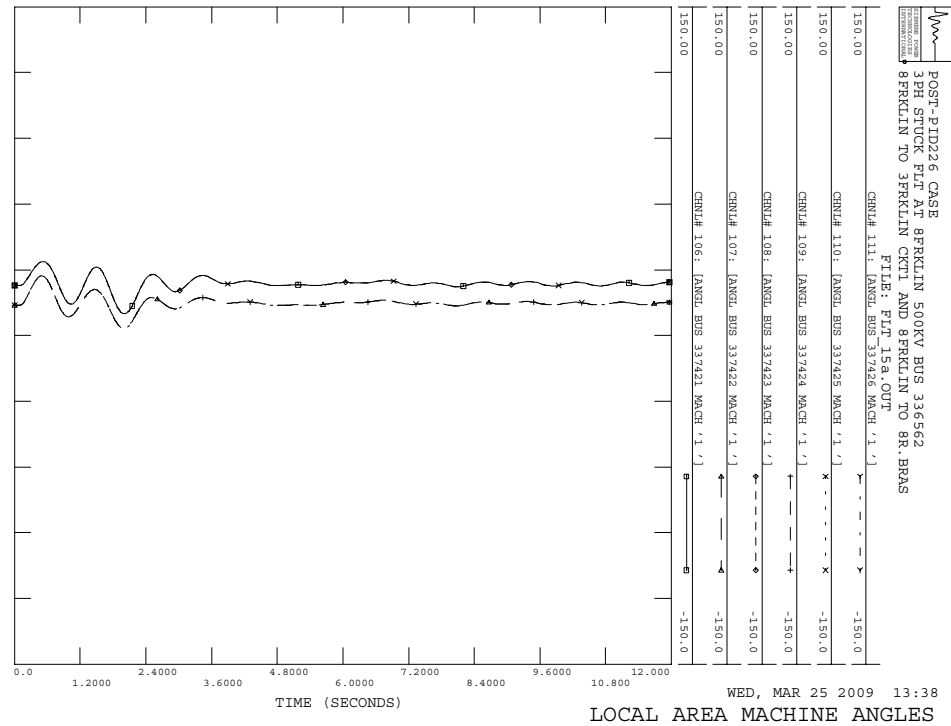
POST-PTD226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO BR.BRAS
 FILE: FLT_15a.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO BR.BRAS
 FILE: FLT_15a.OUT

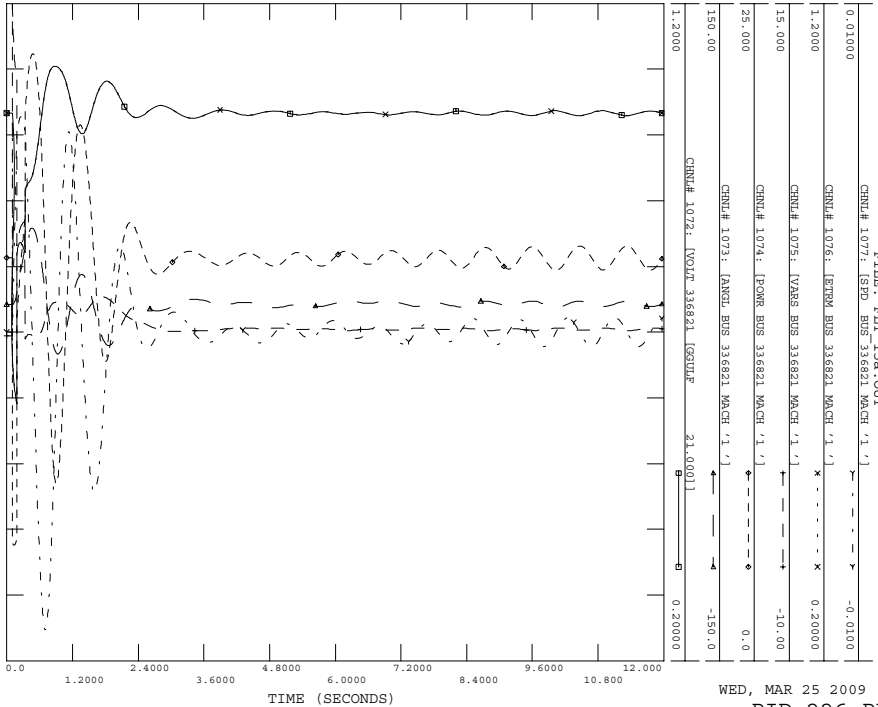


POST-PTD226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO BR.BRAS
 FILE: FLT_15a.OUT





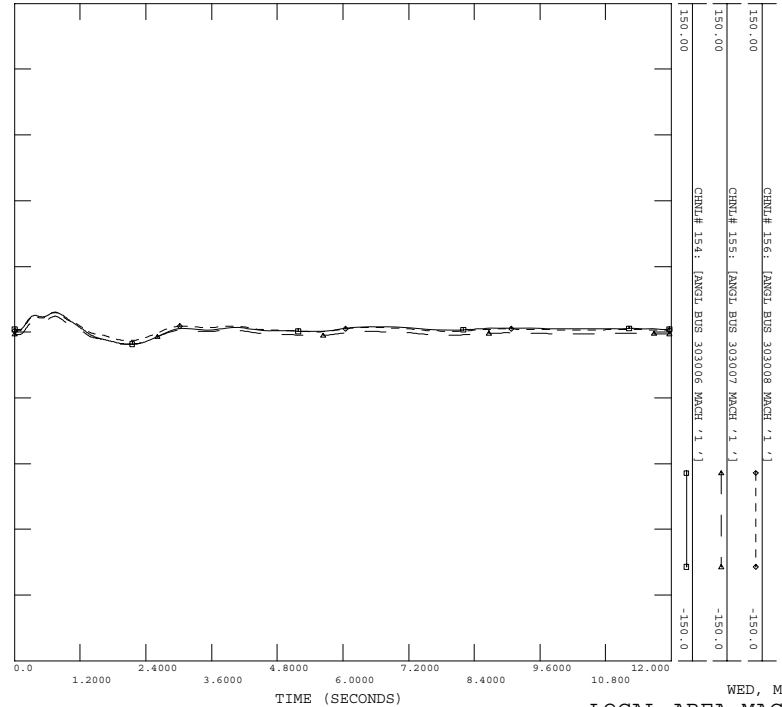
POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO 8R.BRAS
 FILE: FLT_15A.OUT



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POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO 8R.BRAS
 FILE: FLT_15A.OUT

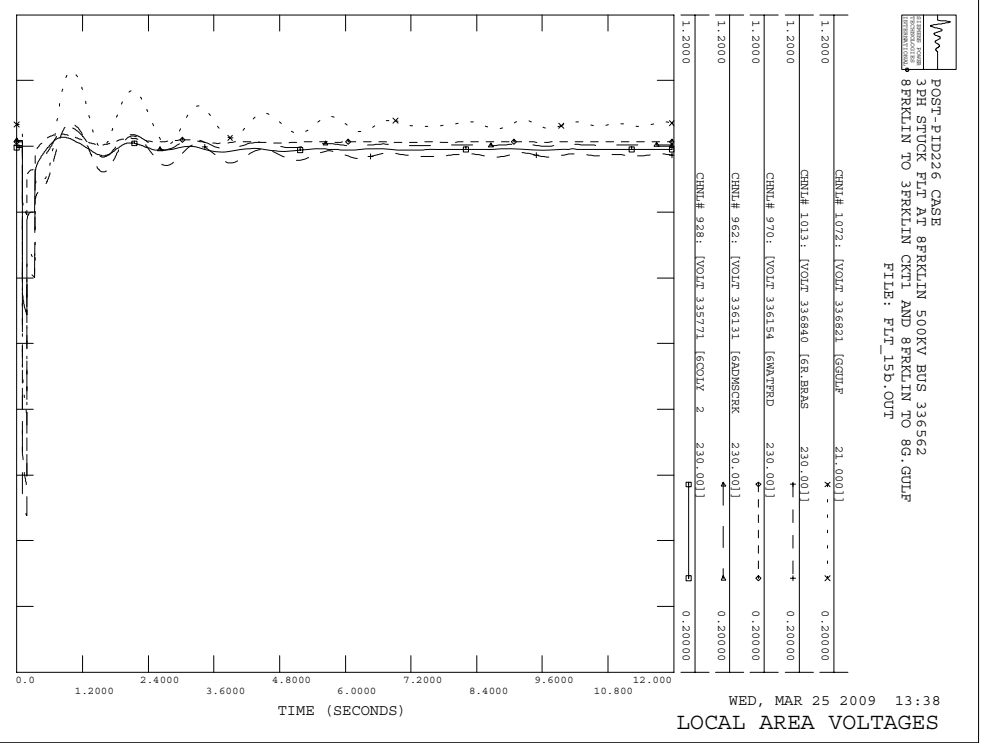
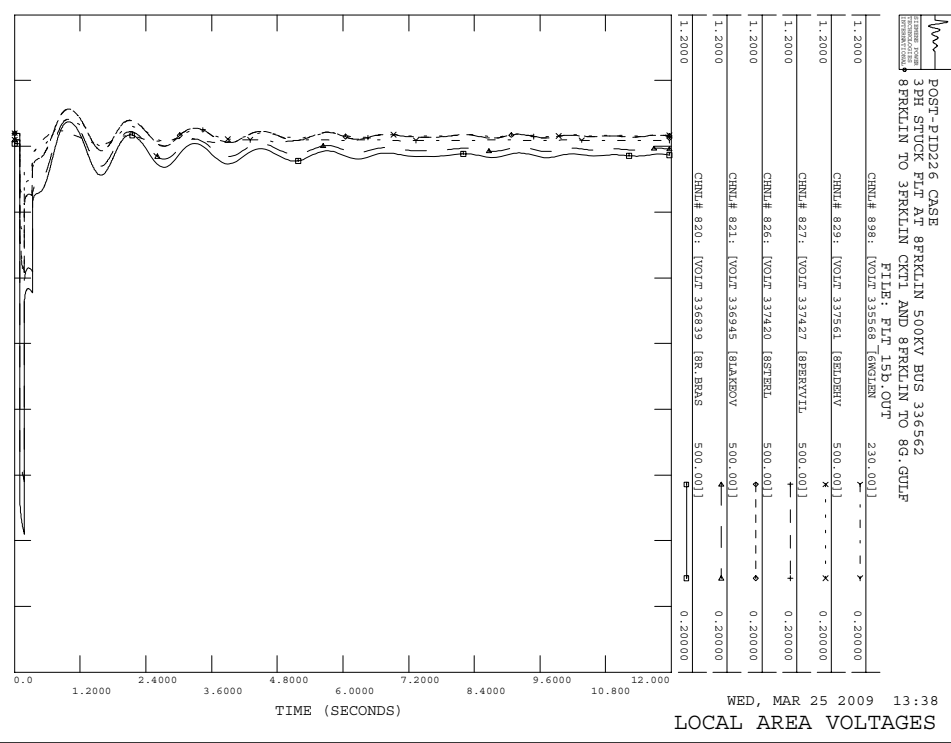
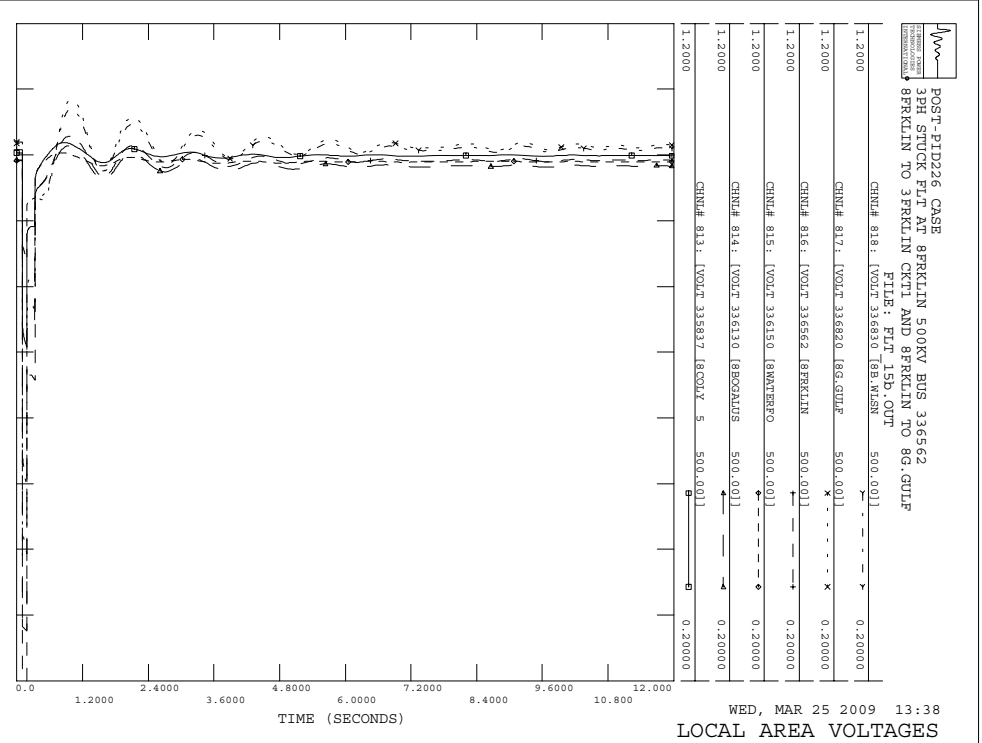
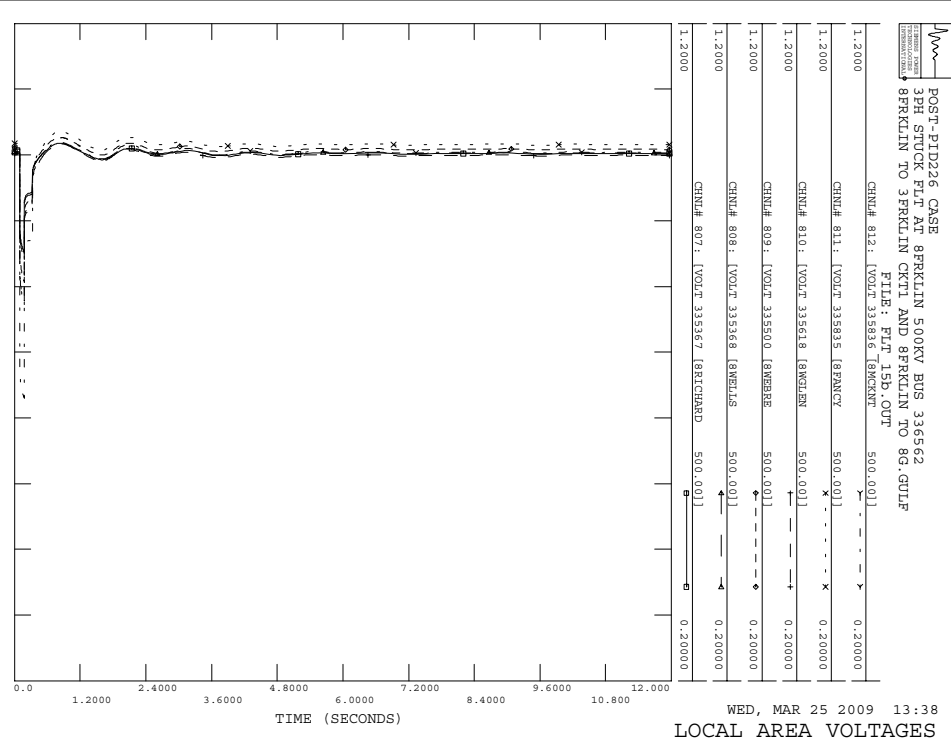


WED, MAR 25 2009 13:38
 LOCAL AREA MACHINE ANGLES

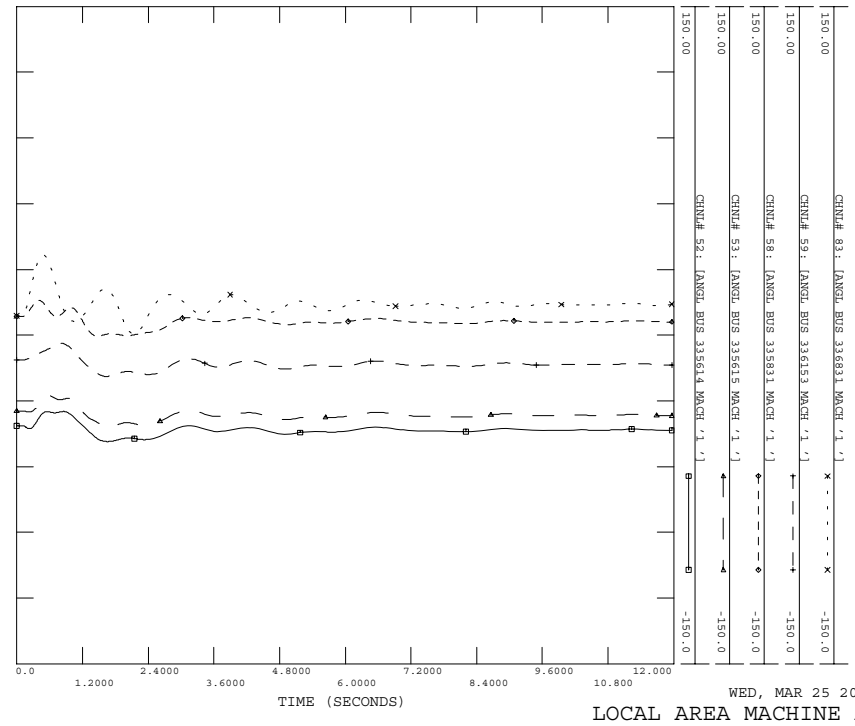
C.42 FLT_15b

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

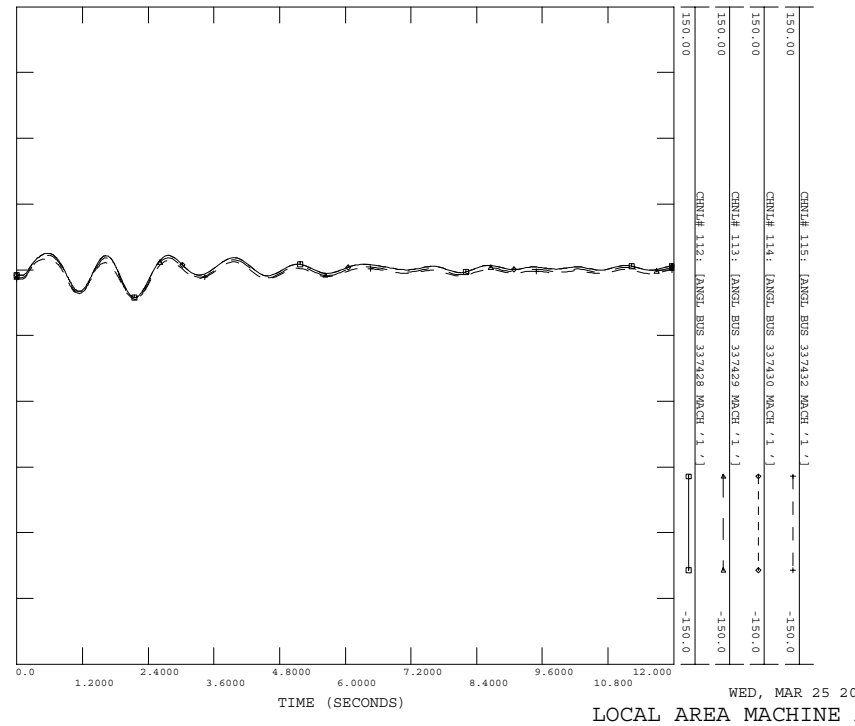
- a) Apply 3 Phase Fault at 8FRKLIN 500KV BUS 336562
- b) Run fault for 5 cycles
- c) Remove Fault AT 8FRKLIN 500KV BUS 336562
- d) Apply 3 Phase fault at #336562 with admittance $823.73 -j 5887.89$ MVA
- e) Clear fault after 9 cycles by tripping lines from 8FRKLIN TO 3FRKLIN CKT1 AND 8FRKLIN TO 8G.GULF



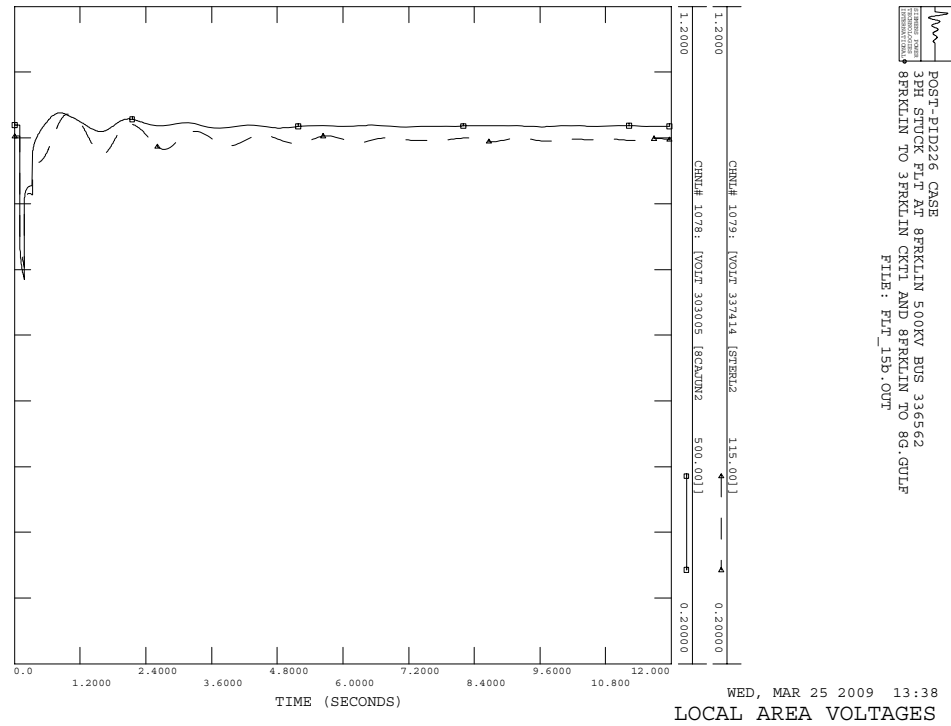
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3FRKLN CKT1 AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT



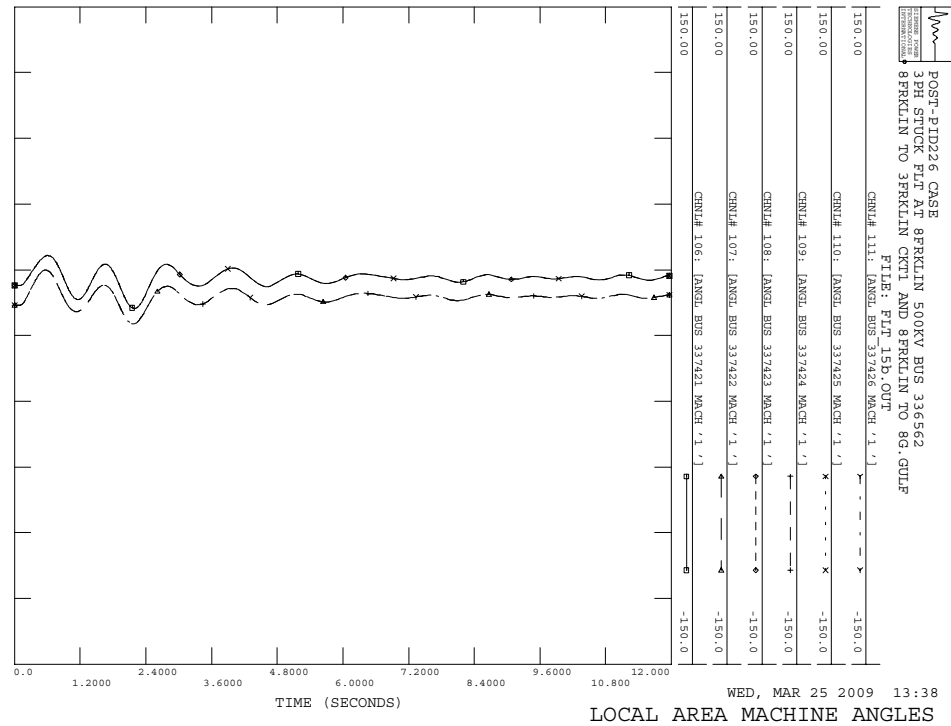
POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3FRKLN CKT1 AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT



POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3FRKLN CKT1 AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT

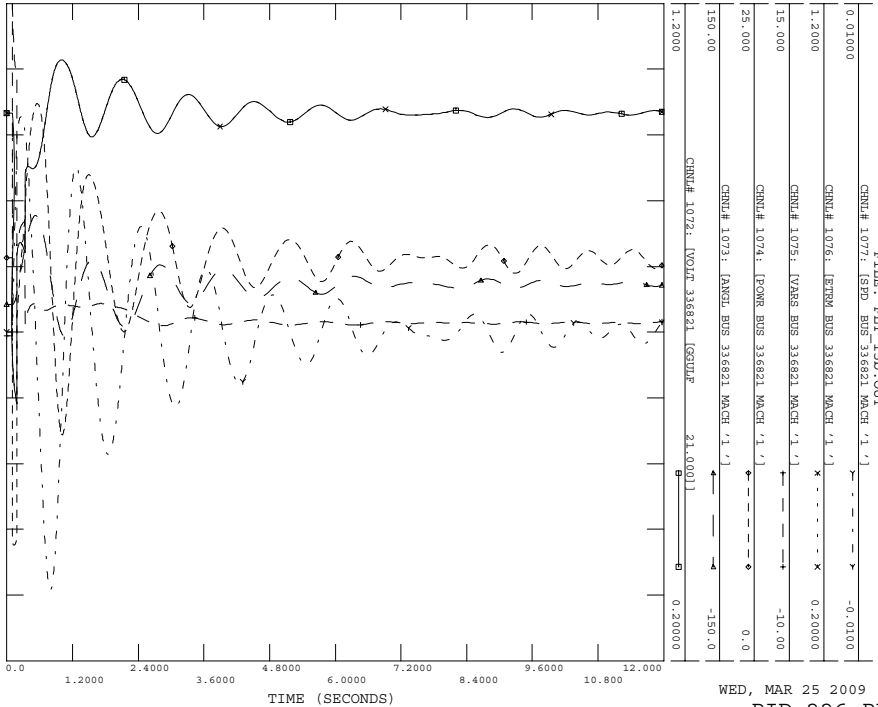


POST-PTD226 CASE
 3PH STUCK FLT AT 8PRKLN 500KV BUS 336562
 8PRKLN TO 3FRKLN CKT1 AND 8PRKLN TO 8G.GULF
 FILE: FLT_15D.OUT





POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO 8G.GULF
 FILE: FLT_15D.OUT



POST-PID226 CASE
 3PH STUCK FLT AT 8FRKLIN 500KV BUS 336562
 8FRKLIN TO 3FRKLIN CKTI AND 8FRKLIN TO 8G.GULF
 FILE: FLT_15D.OUT

