Category C - Phase II of GWF Tracy

i) A single-line-to-ground fault at one of the line breakers at the Tesla 230 kV bus Section D, with a breaker failure condition.

Plot 1	Project Terminal Voltages and Angles
Plot 2	Project Power and Speed
Plot 3	Selected Bus Voltages Adjacent to Fault
Plot 4	Selected Bus Frequencies Adjacent to Fault

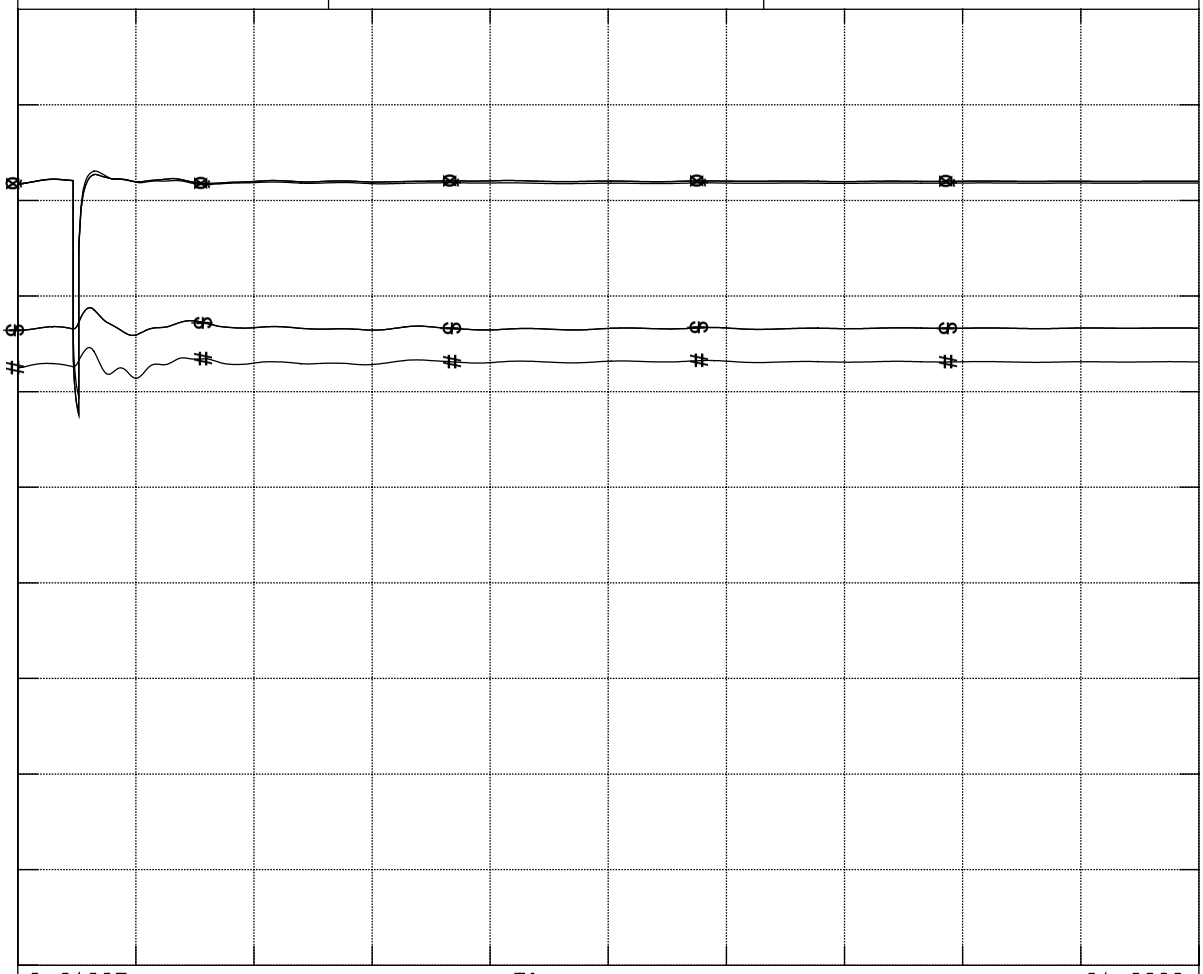
GENERAL ELECTRIC COMPANY

1

Mon Aug 27 09:51:17 2001

C:\GWF\ph2\CatC\I\I_SLG-Tesla-D-bf.chf

C:\GWF\04hs-115-3b-dyd.sav



0.01667 Time, sec. 21.0000

0.2000	o	vt	39008	GWF	TCY2	13.80	1	1.2000
-100.0	+	ang	39008	GWF	TCY2	13.80	1	100.00
0.2000	*	vt	39009	GWF	TCY3	13.80	1	1.2000
-100.0	#	ang	39009	GWF	TCY3	13.80	1	100.00
0.2000	x	vt	39007	GWF	TCY1	13.80	1	1.2000
-100.0	$	ang	39007	GWF	TCY1	13.80	1	100.00

GWF Tracy Peaking Plant Project (Phase 2 - 258 MW)
2004 Summer Peak Base Case, Stability Study
Phase 2 w/ GWF CT 1 & 2 and ST each @ 86.0 MW
SLG fault at Tesla 230 kV Bus Section D
with a Transformer breaker failure condition.

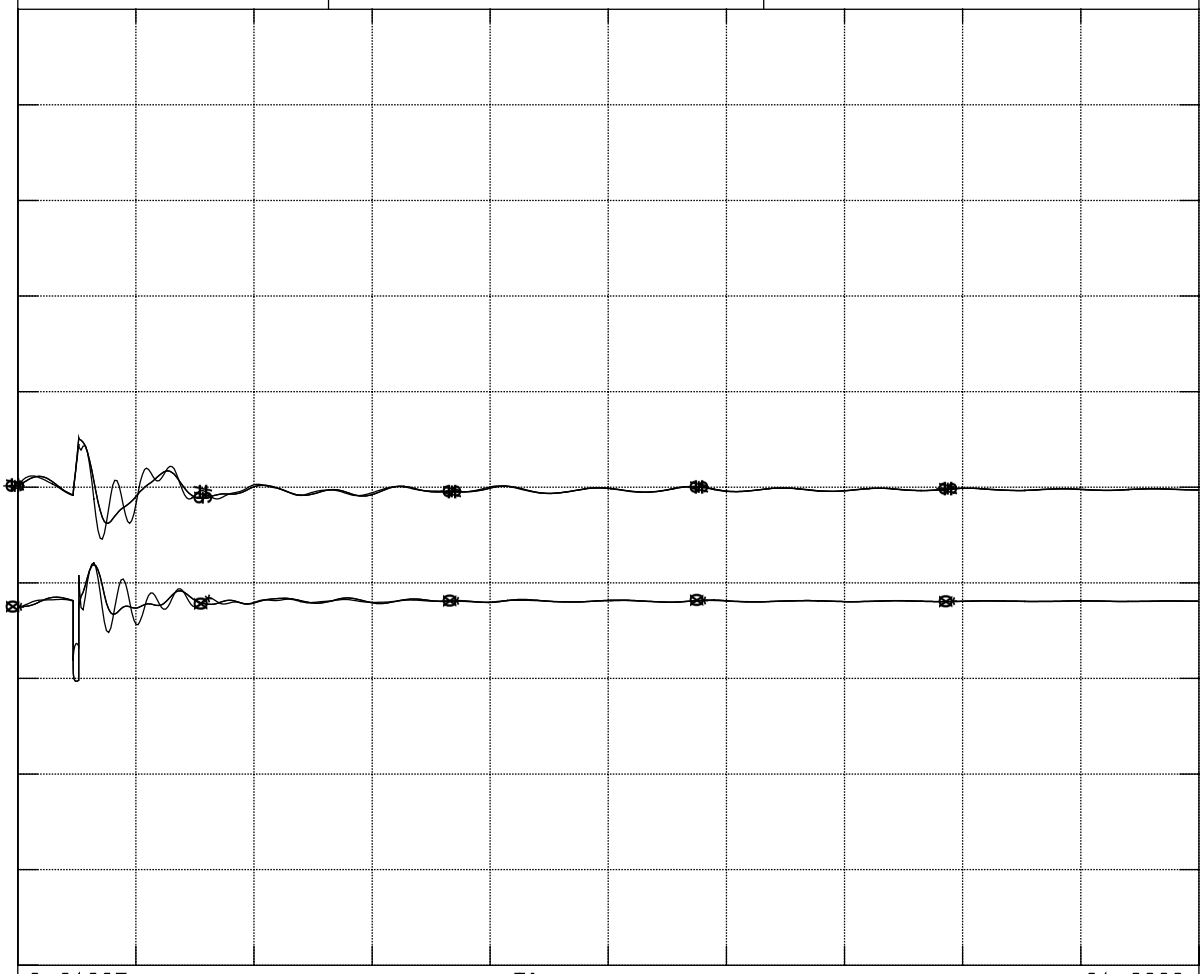
GENERAL ELECTRIC COMPANY

2

Mon Aug 27 00:04:48 2001

C:\GWF\ph2\CatC\I\I_SLG-Tesla-D-bf.chf

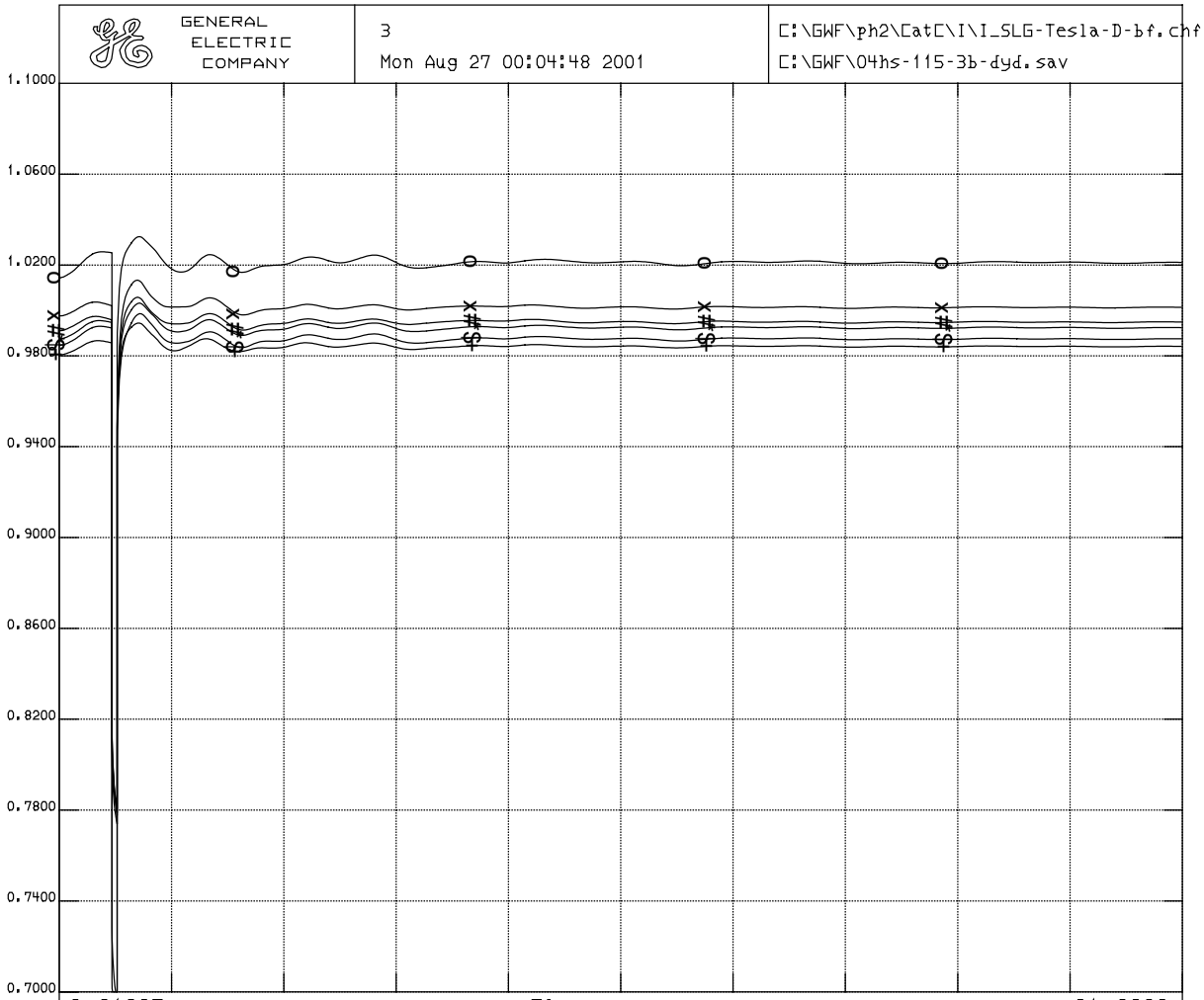
C:\GWF\04hs-115-3b-dyd.sav



0.01667 Time, sec. 21.0000

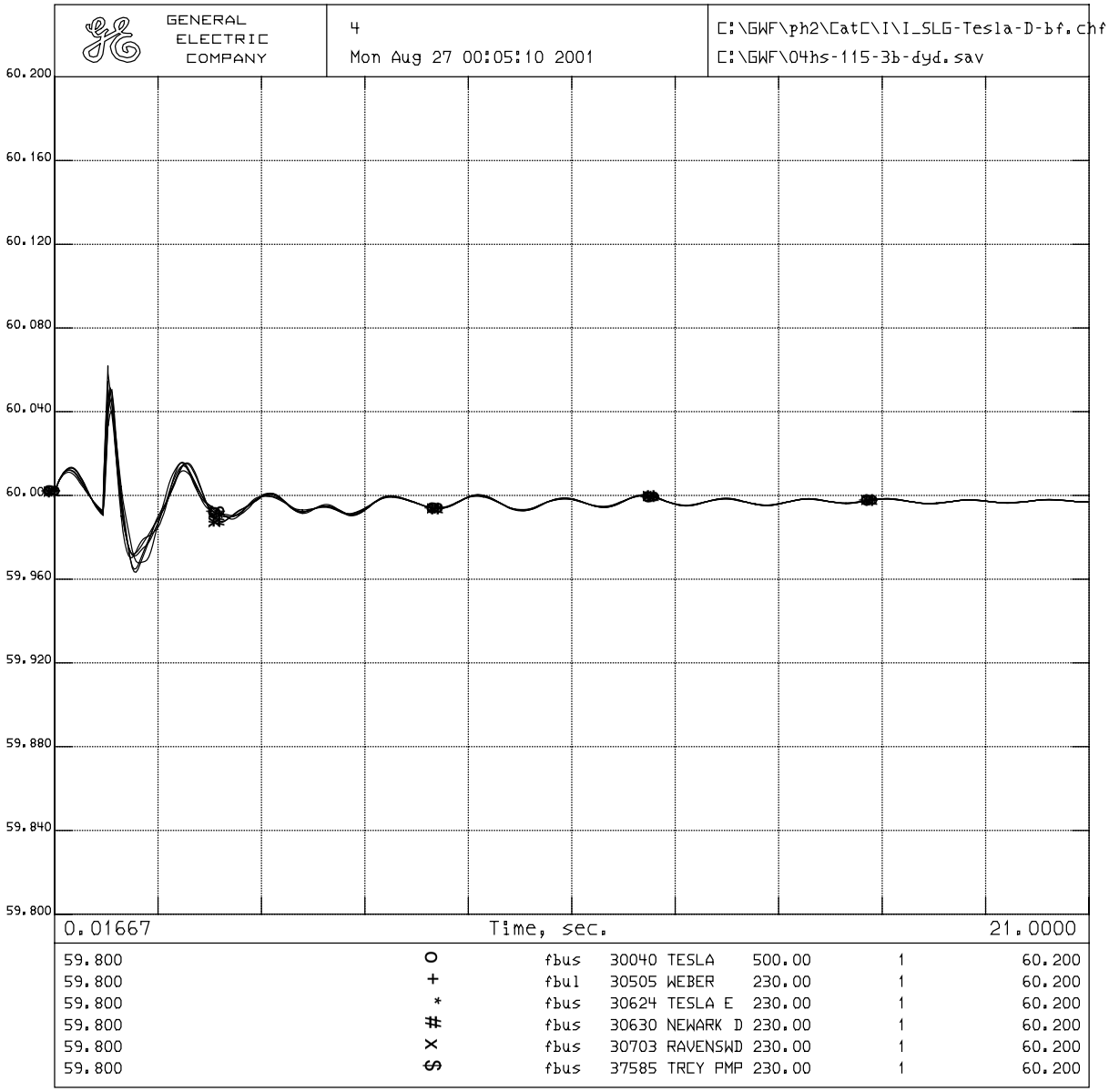
0.0000	o	pg	39008	GWF	TCY2	13.80	1	226.20
0.9900	+	spd	39008	GWF	TCY2	13.80	1	1.0100
0.0000	*	pg	39009	GWF	TCY3	13.80	1	226.20
0.9900	#	spd	39009	GWF	TCY3	13.80	1	1.0100
0.0000	x	pg	39007	GWF	TCY1	13.80	1	226.20
0.9900	$	spd	39007	GWF	TCY1	13.80	1	1.0100

GWF Tracy Peaking Plant Project (Phase 2 - 258 MW)
2004 Summer Peak Base Case, Stability Study
Phase 2 w/ GWF CT 1 & 2 and ST each @ 86.0 MW
SLG fault at Tesla 230 kV Bus Section D
with a Transformer breaker failure condition.



0.7000	o	vbus	30040 TESLA	500.00	1	1.1000
0.7000	+	vbul	30505 WEBER	230.00	1	1.1000
0.7000	*	vbus	30624 TESLA E	230.00	1	1.1000
0.7000	#	vbus	30630 NEWARK D	230.00	1	1.1000
0.7000	x	vbus	30703 RAVENSWD	230.00	1	1.1000
0.7000	$	vbus	37585 TRCY PMP	230.00	1	1.1000

GWF Tracy Peaking Plant Project (Phase 2 - 258 MW)
2004 Summer Peak Base Case, Stability Study
Phase 2 w/ GWF CT 1 & 2 and ST each @ 86.0 MW
SLG fault at Tesla 230 kV Bus Section D
with a Transformer breaker failure condition.



GWF Tracy Peaking Plant Project (Phase 2 - 258 MW)
2004 Summer Peak Base Case, Stability Study
Phase 2 w/ GWF CT 1 & 2 and ST each @ 86.0 MW
SLG fault at Tesla 230 kV Bus Section D
with a Transformer breaker failure condition.