Category B - Phase II of GWF Tracy

p) A three-phase fault with the normal clearing time at the Tesla 500 kV bus, followed by loss of the Tesla 500/230 kV Bank #2.

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

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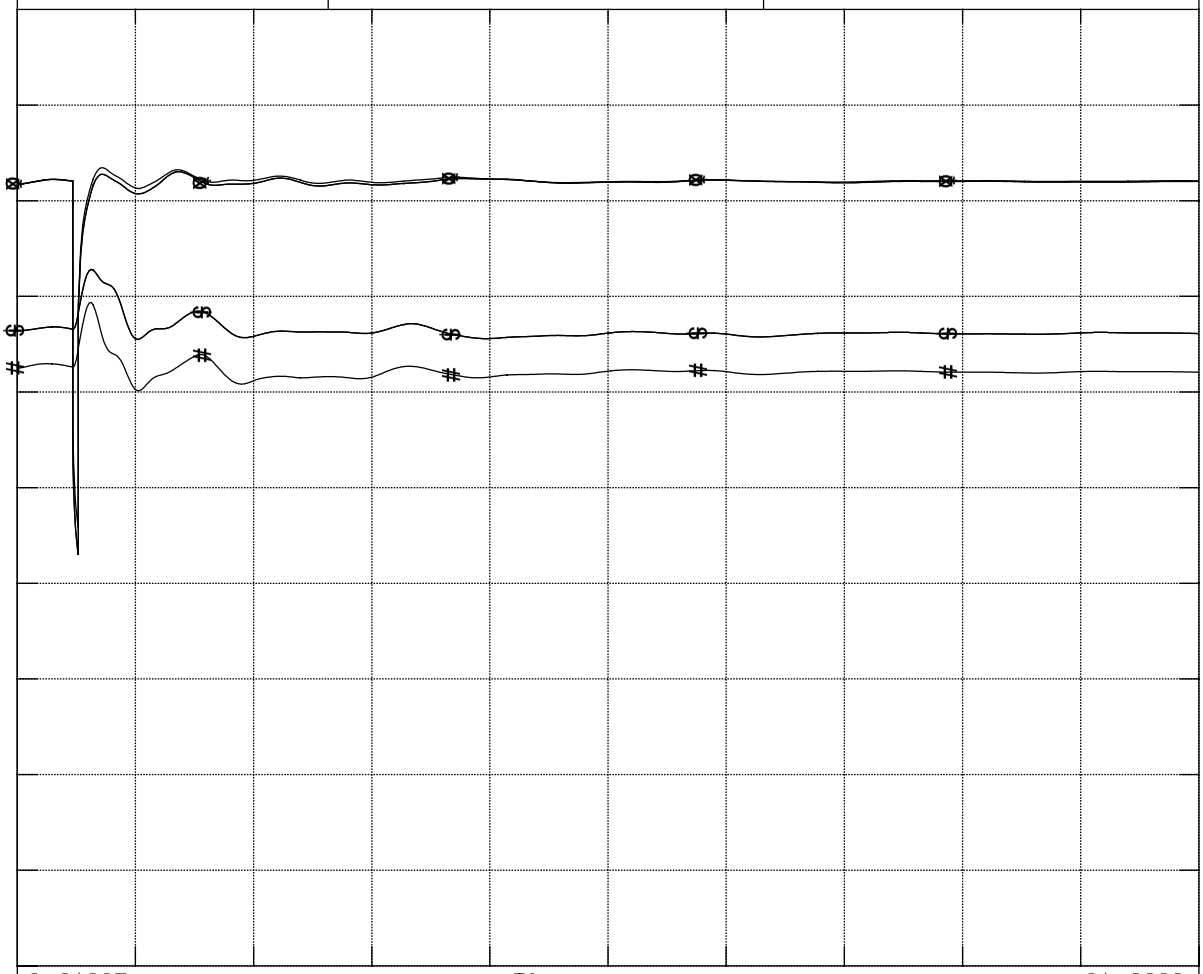
Mon Aug 27 09:42:55 2001

C:\GWF\ph2\CatB\P\P_Tesla500-230-2.chf

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

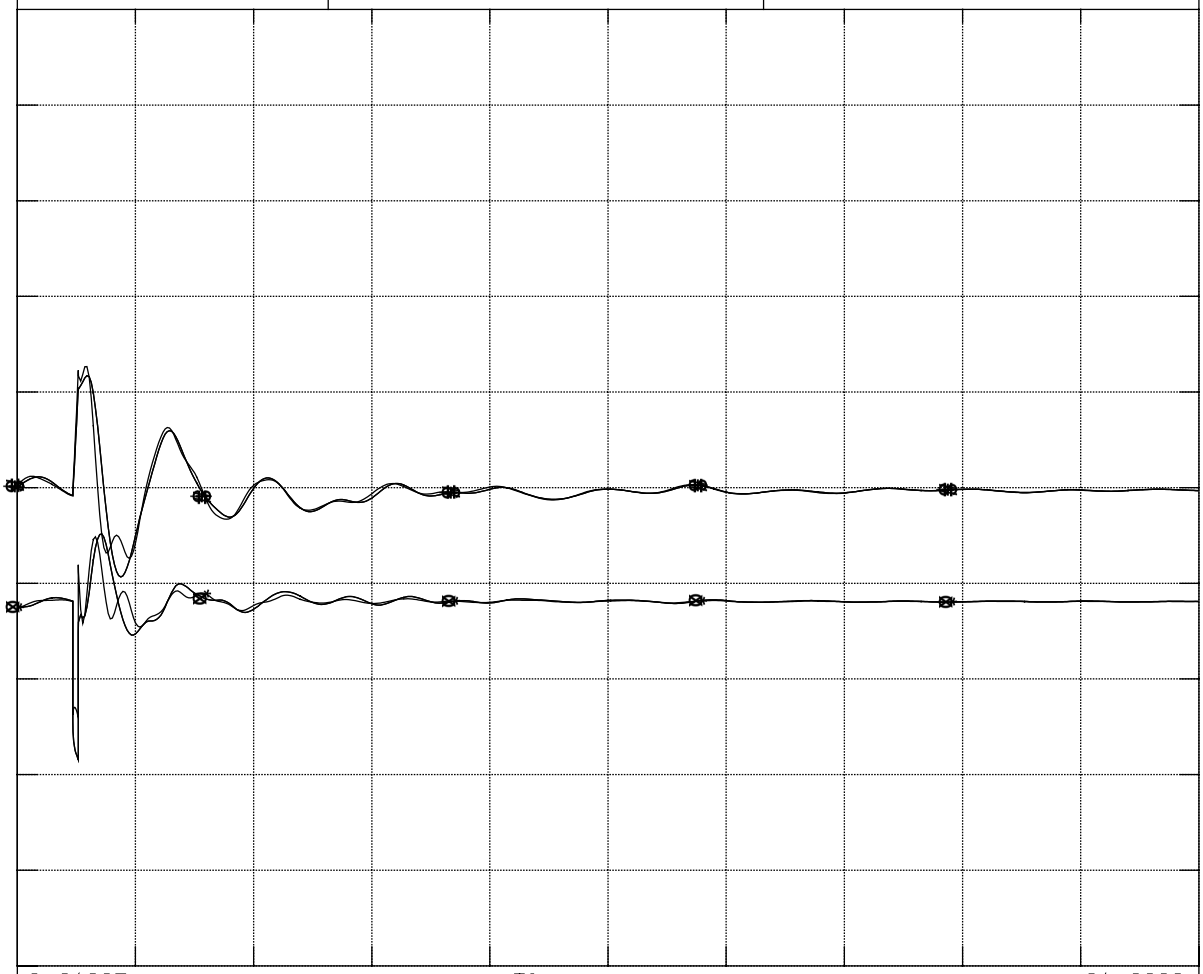


0.01667 Time, sec. 21.0000

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
3 phase 6 cycle fault at the Tesla 500 kV bus followed
by loss of the Tesla 500/230 kV Bank #2

GENERAL ELECTRIC COMPANY	2 Sun Aug 26 23:50:36 2001	C:\GWF\ph2\CatB\P\P_Tesla500-230-2.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

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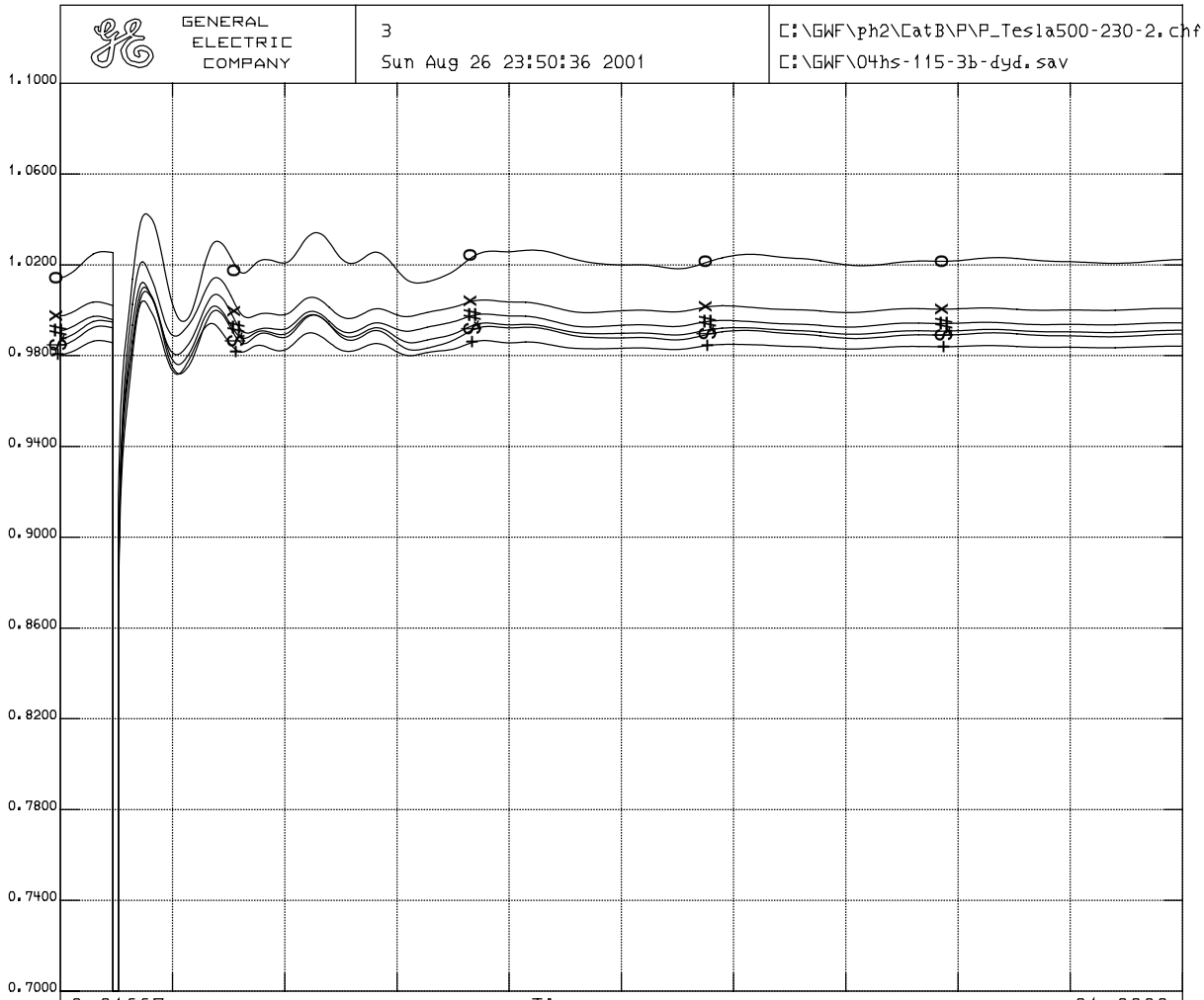

0.7000	o	vbus	30040 TESLA	500.00	1	1.1000
0.7000	+	vbul	30505 WEBER	230.00	1	1.1000
0.7000	*	vbus	30624 TESLA E	230.00	1	1.1000
0.7000	#	vbus	30630 NEWARK D	230.00	1	1.1000
0.7000	x	vbus	30703 RAVENSWD	230.00	1	1.1000
0.7000	$	vbus	37585 TRCY PMP	230.00	1	1.1000

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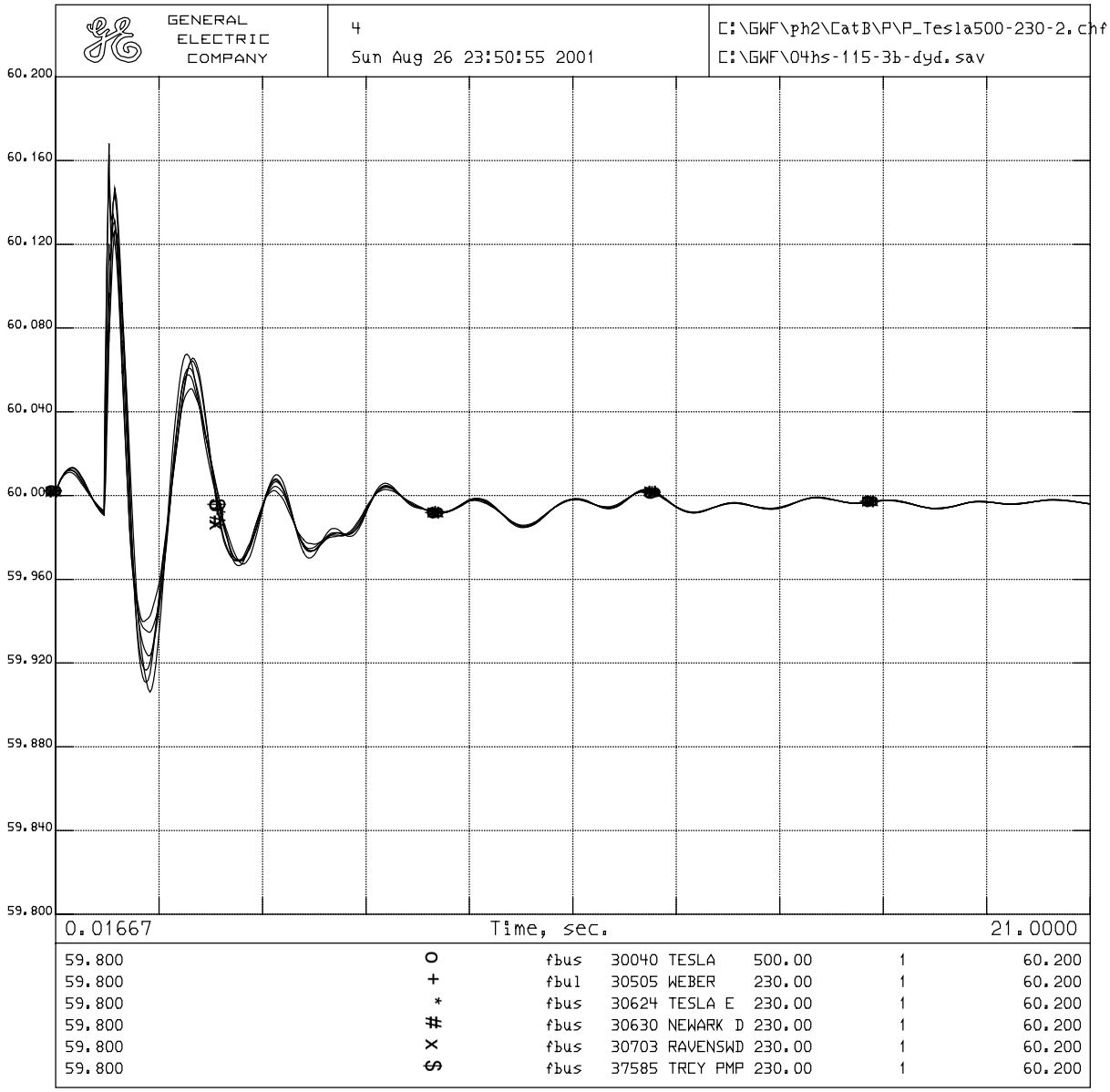

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