Category B- Phase II of GWF Tracy

b) A three-phase fault with the normal clearing time at the GWF Tracy Substation 115 kV bus, followed by loss of one of the GWF Tracy Peaker - Tesla 115 kV lines.

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

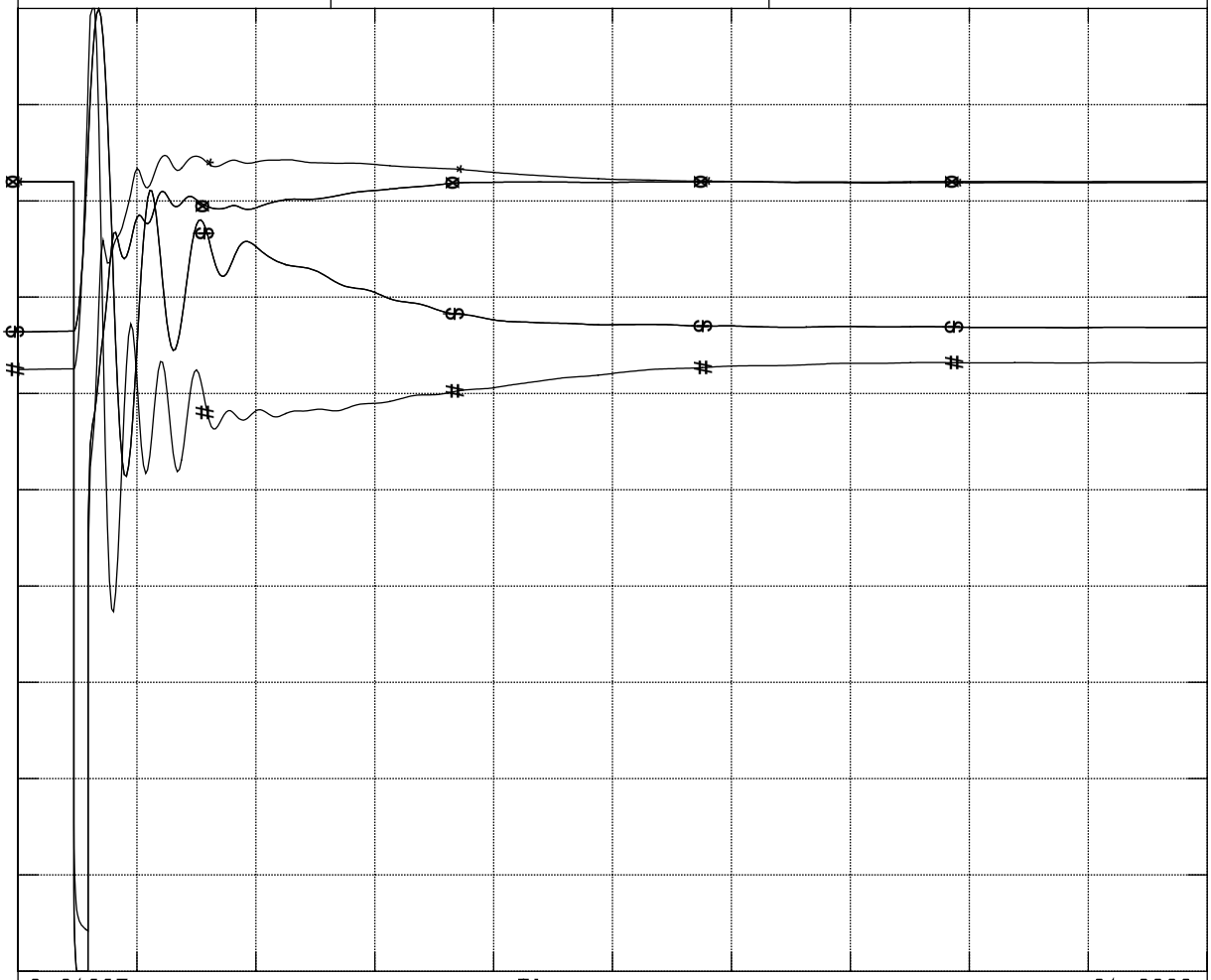
GENERAL ELECTRIC COMPANY

1

Mon Aug 27 09:36:22 2001

C:\GWF\ph2\CatB\B\B_GWF-Tesla.chf

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

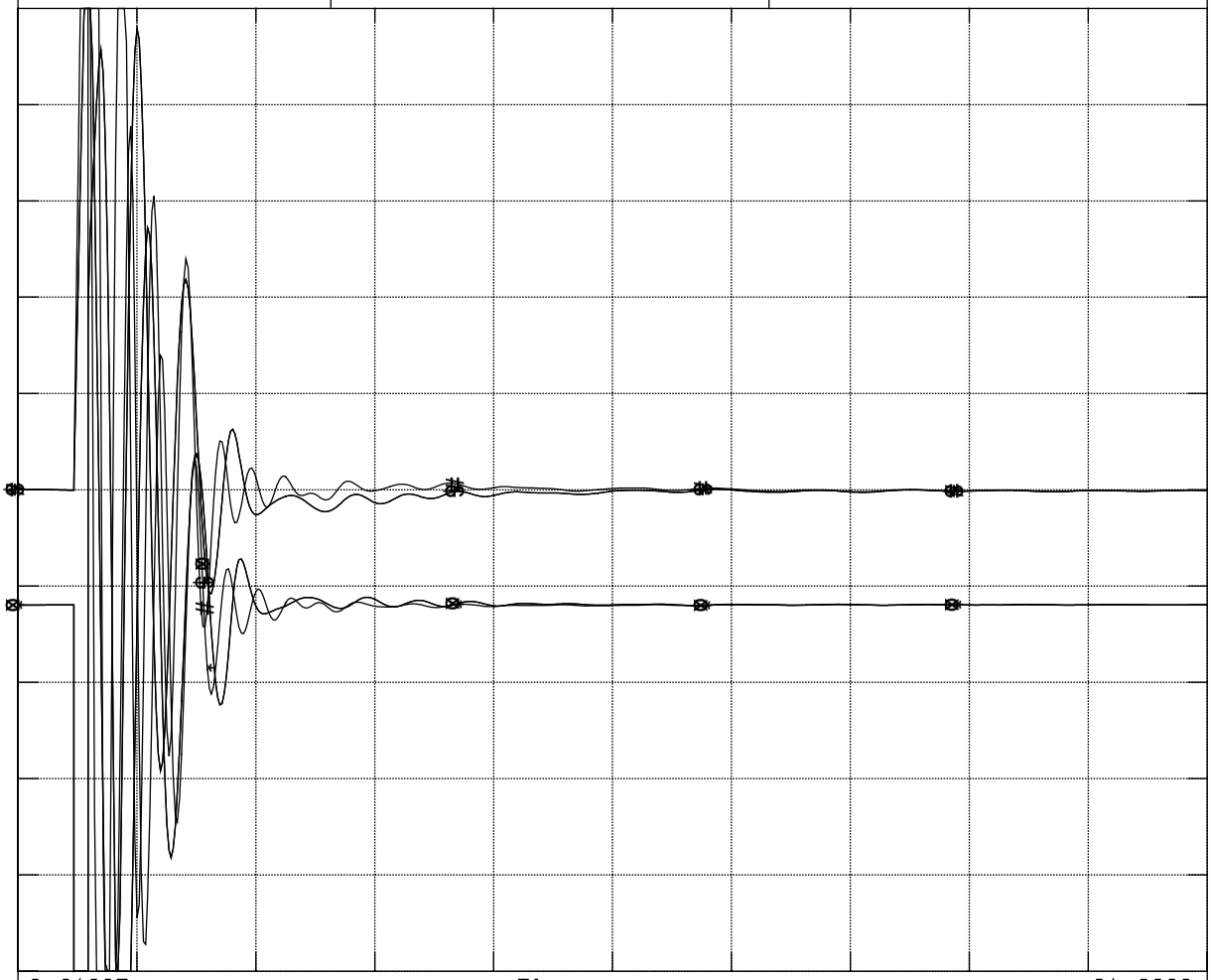


0.01667 Time, sec. 21.0000

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 15 cycle fault at the GWF Tracy 115 kV bus followed
by loss of the GWF - Tesla #2 115 kV line.

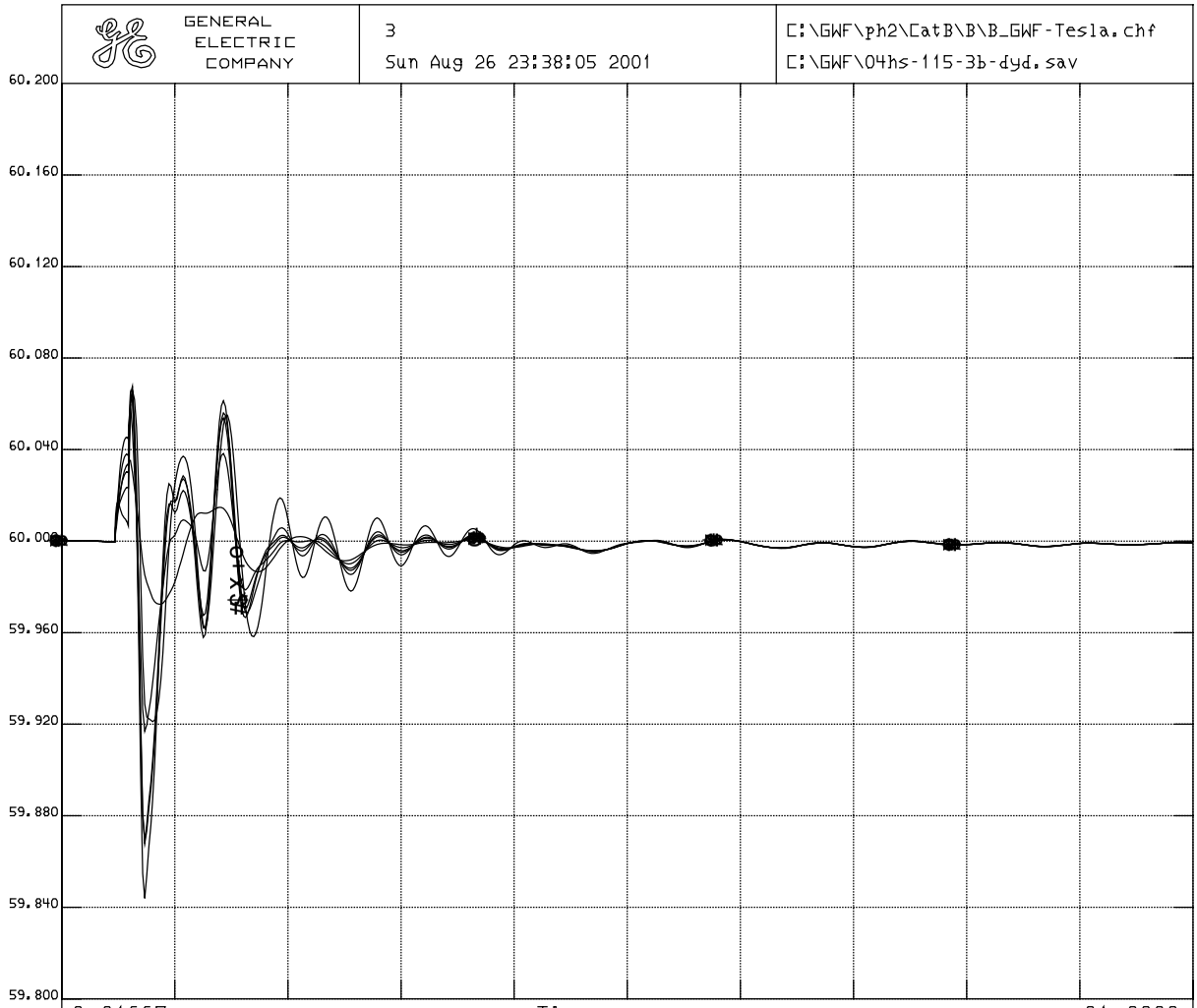
GENERAL ELECTRIC COMPANY	2 Sun Aug 26 23:38:05 2001	C:\GWF\ph2\CatB\B\B_GWF-Tesla.chf C:\GWF\04hs-115-3b-dyd.sav



0.01667 Time, sec. 21.0000

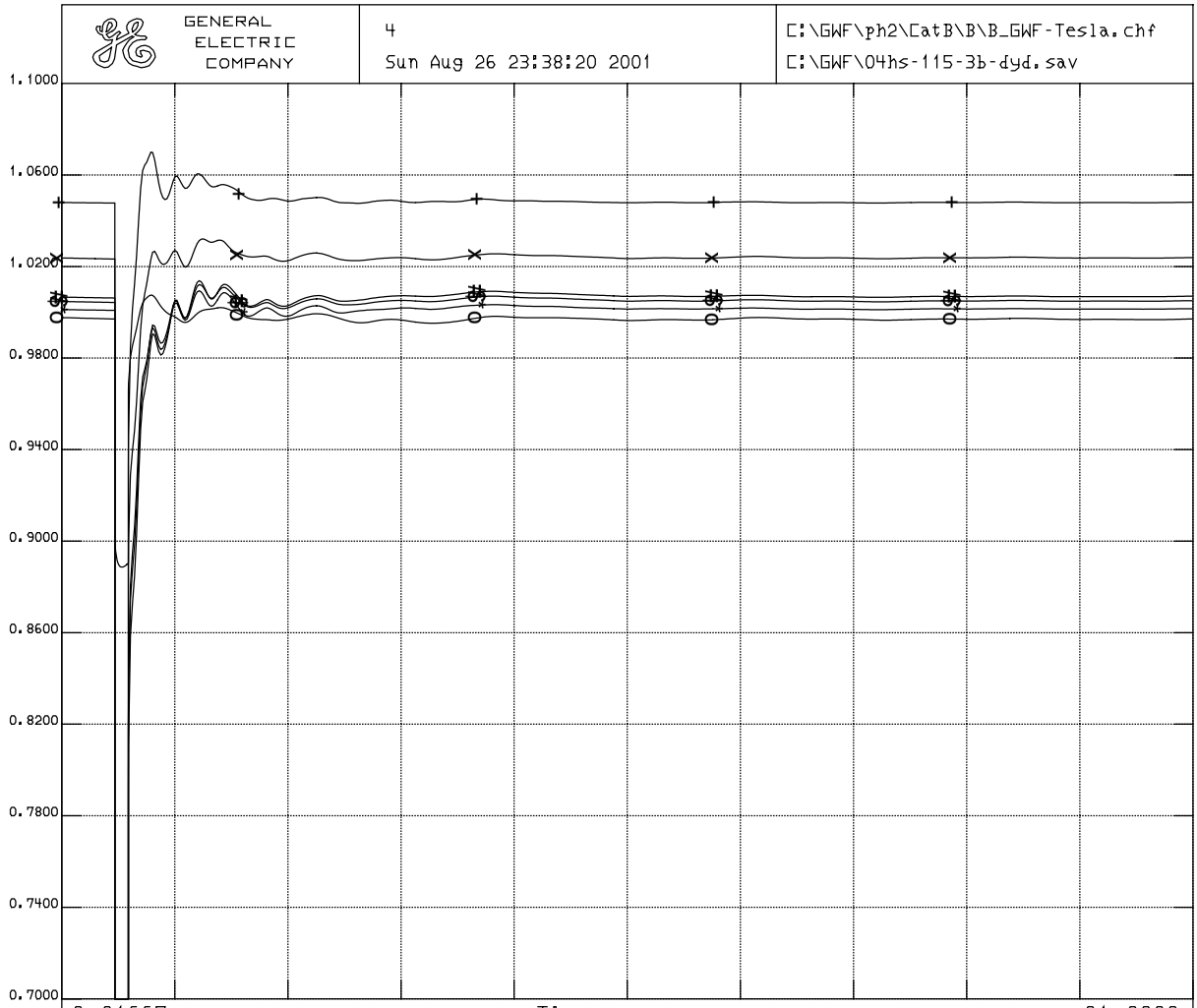
0.0000	o	pg	39008	GWF	TCY2	13.80	1	226.20
0.9900	+	spd	39008	GWF	TCY2	13.80	1	1.0100
0.0000	*	pg	39009	GWF	TCY3	13.80	1	226.20
0.9900	#	spd	39009	GWF	TCY3	13.80	1	1.0100
0.0000	x	pg	39007	GWF	TCY1	13.80	1	226.20
0.9900	$	spd	39007	GWF	TCY1	13.80	1	1.0100

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
3 phase 15 cycle fault at the GWF Tracy 115 kV bus followed
by loss of the GWF - Tesla #2 115 kV line.



59.800	O	fbus	30625	TESLA D	230.00	1	60.200
59.800	+	fbul	33506	STANISLS	115.00	1	60.200
59.800	*	fbul	33514	MANTECA	115.00	1	60.200
59.800	#	fbus	33528	KASSON	115.00	1	60.200
59.800	X	fbus	33540	TESLA	115.00	1	60.200
59.800	$	fbul	33548	TRACY	115.00	1	60.200

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 15 cycle fault at the GWF Tracy 115 kV bus followed
by loss of the GWF - Tesla #2 115 kV line.



0.7000	o	vbus	30625	TESLA D	230.00	1	1.1000
0.7000	+	vbul	33506	STANISLS	115.00	1	1.1000
0.7000	*	vbul	33514	MANTECA	115.00	1	1.1000
0.7000	#	vbus	33528	KASSON	115.00	1	1.1000
0.7000	x	vbus	33540	TESLA	115.00	1	1.1000
0.7000	$	vbul	33548	TRACY	115.00	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
3 phase 15 cycle fault at the GWF Tracy 115 kV bus followed
by loss of the GWF - Tesla #2 115 kV line.