

393-5467

SRP Seq. of Event

Refer to
email

TIME	Sec T+	EVENT	CAUSE
7:40:55.790	0.00	LIBERTY-WW LINE	C PHASE-TO-GROUND
7:40:55.860	0.07	LIBERTY BKR TRIPPED - WW	
7:40:56.118	0.33	AGUA FRIA BKR TRIPPED -WW	SEL-321 DIR. GND TIME O.C.
7:40:59.489	3.70	HAA 935/938 TRIPPED - ARLINGTON	RECEIVED DTT FROM ARLINGTON
7:41:07.851	12.06	PL975/972 TRIPPED - HAA #2	ALSTOM P544, BROKEN CONDUCTOR
7:41:07.875	12.08	PL982/985 TRIPPED - HAA #3	ALSTOM P544, BROKEN CONDUCTOR
7:41:07.88	12.09	PL942/945 TRIPPED - HAA #1	ALSTOM P544, BROKEN CONDUCTOR
7:41:20.005	24.21	PL922 TRIPPED - DEVERS	
7:41:20.113	24.32	PL932/935 TRIPPED - RUDD	GE D60, POTT
7:41:20.864	25.07	PL912/915 TRIPPED - WW #1	SEL-321, POTT
7:41:20.895	25.10	PL922/925 TRIPPED - WW #2	GE D60, POTT???
7:41:23.848	28.06	PL988 TRIPPED UNIT 3	By Plant Elements
7:41:24.641	28.85	PL918 TRIPPED UNIT 1	" " "
7:41:24.652	28.86	PL938 TRIPPED UNIT 2	" " "

H/2/100

Brill, William H(K15950)

Subject: 2004-06-14 Transmission & Sub-Transmission System Events

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2004-06-14 07:40

DOE Liberty - APS Westwing 230kV Line (faulted line)

525kV:

345kV:

230kV:

69kV:

07:40:55.747 Fault #1 inception
Fault #1 type = C-N
Fault #1 cause/location = Phase down reported near 115th Ave. & Union Hills (WW-LBX Line)

07:40:55.814 4.0 cycles after fault #1 inception
WW1126 opened

07:40:55.822 8.5 cycles after fault #1 inception
LBX1282 opened

07:40:56.115 22.1 cycles after fault #1 inception
AFX732 & AFX735 opened

07:40:56.136 23.3 cycles after fault #1 inception
WW1426 & WW1522 opened

07:40:56.165 25.1 cycles after fault #1 inception
DV322 & DV722 & DV962 opened

07:40:56.172 25.5 cycles after fault #1 inception
WW1726 & WW1822 opened

07:40:56.515 46.1 cycles after fault #1 inception
WW1222 opened

07:41:01.982 Fault #1 type changed = B-C-N

07:41:02.154 Fault #1 type changed = C-N

07:41:02.799 Fault #1 type changed = B-C-N

07:41:08.104 Fault #1 type changed = A-B-C-N

07:41:34.615 38.868 seconds after fault #1 inception
Fault #1 cleared



