



ORIGINAL

March 3, 2003

Mr. Joseph D. Jenkins, Assistant Director
Division of Economic Regulation
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

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COMMISSION
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Dear Mr. Jenkins,

Enclosed are the original and five (5) copies of Florida Power & Light Company's (FPL) Annual Distribution Reliability Report for calendar year 2002. We are making this filing pursuant to Rule 25-6.0455 and consistent with our previous agreements.

If you have any questions, please do not hesitate to call me at (850) 521-3900.

Sincerely,

Bill Feaster
Manager, Regulatory Affairs

WHF/lms

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cc: Blanca Bayo

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ANNUAL DISTRIBUTION RELIABILITY REPORT 2002

Attachment 1

Florida Power & Light

SAIDI = System Average Interruption Duration Index

$$\frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Served (C)}} = \frac{273,363,678}{3,965,537} = 68.9$$

CAIDI = Customer Average Interruption Duration Index

$$\frac{\text{Sum of All Customer Minutes Interrupted (CMI)}}{\text{Total number of Customers Interruptions (CI)}} = \frac{273,363,678}{5,174,057} = 52.8$$

SAIFI = System Average Interruption Frequency Index

$$\frac{\text{Total number of Customers Interruptions (CI)}}{\text{Total number of Customers Served (C)}} = \frac{5,174,057}{3,965,537} = 1.30$$

MAIFle = Momentary Average Interruption Event

$$\frac{\text{Sum of All Customer Momentary Interruption Events (CME)}}{\text{Total number of Customers Served (C)}} = \frac{40,937,368}{3,965,537} = 10.3$$

L BAR = Minutes of Interruption
Total Number of Outages

$$= \frac{14,140,029}{94,559} = 150$$

CEMI5 = # Cust > 5 X 100%
Customer Served (C)

$$= \frac{117,387 \times 100\%}{3,965,537} = 3\%$$

Service Reliability Indices Data					
Utility Name	FPL	Year	2002		
District or Service Area	Customer Served (C)	CMI	CI	CME	# Cust >5
Brevard	249,164	17,161,531	356,349	3,871,525	14,062
Central Florida	221,094	18,298,009	339,559	2,422,656	5,519
Gulf Coast	334,800	29,598,556	527,128	3,539,656	21,284
Manasota	325,937	22,894,531	351,049	2,524,265	5,790
North Florida	111,015	9,958,850	162,773	755,496	5,476
Toledo Blade	138,254	10,754,597	215,944	1,680,304	4,677
Treasure Coast	216,758	22,153,038	423,302	3,642,052	16,723
Boca Raton	313,178	21,276,092	438,104	2,507,076	7,890
Central	224,200	13,408,197	273,404	1,760,349	6,524
Gulfstream	295,208	17,025,529	342,889	2,517,198	3,213
North Dade	210,312	12,743,247	225,839	1,992,513	2,928
Pompano	289,747	12,786,286	275,004	2,175,399	3,010
South Dade	266,143	16,796,392	303,779	2,846,765	7,672
West Palm	313,688	18,797,085	343,098	3,918,306	4,898
Wingate	248,037	16,702,263	358,855	2,779,003	5,999
West Dade	208,001	13,009,475	236,981	2,004,805	1,722
System Averages	3,965,537	273,363,678	5,174,057	40,937,368	117,387

Service Reliability Indices					
Utility Name	FPL	Year	2002		
District or					
Service Area	SAIDI	CAIDI	SAIFI	MAIFle	CEMI5
(a)	(b)	(c)	(d)	(e)	(f)
Brevard	68.9	48.2	1.43	15.5	5.6%
Central Florida	82.8	53.9	1.54	11.0	2.5%
Gulf Coast	88.4	56.2	1.57	10.6	6.4%
Manasota	70.2	65.2	1.08	7.7	1.8%
North Florida	89.7	61.2	1.47	6.8	4.9%
Toledo Blade	77.8	49.8	1.56	12.2	3.4%
Treasure Coast	102.2	52.3	1.95	16.8	7.7%
Boca Raton	67.9	48.6	1.40	8.0	2.5%
Central	59.8	49.0	1.22	7.9	2.9%
Gulfstream	57.7	49.7	1.16	8.5	1.1%
North Dade	60.6	56.4	1.07	9.5	1.4%
Pompano	44.1	46.5	0.95	7.5	1.0%
South Dade	63.1	55.3	1.14	10.7	2.9%
West Palm	59.9	54.8	1.09	12.5	1.6%
Wingate	67.3	46.5	1.45	11.2	2.4%
West Dade	62.5	54.9	1.14	9.6	0.8%
System Averages	68.9	52.8	1.30	10.3	3.0%

Utility Name	Primary Causes of Outage Events		
	FPL	Year	2002
	Number of Outage Events(N)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
Cause (a)	(b)	(c)	(d)
Lightning	4625	227	60.6
Other Weather	8281	108	68.8
Vegetation	16906	149	68.0
Animal	10490	74	54.5
Vehicle	1645	191	41.1
Dig-in	807	225	54.3
Unknown	28374	166	51.8
Other*			
1. Other	21120	156	41.2
2. Corrosion	1667	182	65.0
3. Saltspray	644	147	56.5
System Total	94559	150	52.8

			3 Percent Fees	
Utility name	FPL		Year	2002
Primary Circuit Id. No. or Name (a)	Substation Origin (b)	Location (c)	Number	
			Residential (d)	Commercial (e)
801941	DEAUVILLE	6873 Harding Ave, Miami Beach	1376	211
504965	GOLDEN GATE	4002 15 Ave, Naples	3440	153
806937	BIRD	6125 SW 40 St, Dade Co	981	163
208862	WINDOVER	Brevard County	2664	481
408863	ABERDEEN	7520 Jog Rd, Boca Raton	3117	170
201032	EAU GALLIE	1860 Guava Ave, Melbourne	2242	198
809662	COURT	12590 SW 136 St, S Dade Co	1489	570
404738	HILLSBORO	842 SW 19 St, Boca Raton	748	84
401633	OKEECHOBEE	112 SE 4th Ave, Okeechobee	2100	311
400663	WABASSO	8250 66th Ave., Wabasso	3546	608
701433	PORT SUB	SE 14 Ave & Eller Dr, Port Everglades	344	348
506663	LIVINGSTON	1 mi N/O Golden Gate Pkwy, Livingston Rd	2900	357
408763	SABAL	350 NW Enterprise Dr,	1330	294
809668	COURT	12592 SW 136 St, S Dade Co	2059	350
800231	MIAMI BEACH	East End MaCarthur Cswy, Miami Beach	2629	309
700332	PINEHURST	2101 SW 9 Ave, Ft Lauderdale	398	351
503964	ESTERO	4750 Broadway West, Estero	3537	218
408035	CALDWELL	1st Ave & NW 24 St, Boca Raton	1078	433
101033	HOLLY HILL	403 Walker St, Holly Hill	804	154
208164	HIELD	1725 Substation Rd., Malabar	2141	123
104834	TAYLOR	5055 Spruce Creek Rd, Port Orange	2536	137
700463	OAKLAND PARK	NE 38 St & 5 Ave, Ft Lauderdale	1585	594
801735	62ND AVE	1680 SW 62 Ave, Miami	906	55
805732	GALLOWAY	8850 SW 68 St, S Dade Co	660	57
806436	HAINLIN	SW 147 Ave & 216 St, S Dade Co	279	176
706964	CHAPEL	6610 SW 196 Ave, Pembroke Pines	2439	178
402834	LANTANA	1301 Hypoluxo Rd, Lantana	2397	166
405932	BUTTS	21400 Powerline Rd, Boca Raton	832	91
404239	BOCA TEECA	601 W. Clintmoore Rd, Boca Raton	2075	94
702731	MCARTHUR	2000 NW 51 Ave, Lauderdale	1408	154
400832	PAHOKEE	660 S. State market Rd, Pahokee	276	95
407163	CRANE	4000 SW Sandy Tr, Martin County	3616	238
701833	ROCK ISLAND	2900 NW 31 Ave, Ft Lauderdale	1532	592
808436	SNAKE CREEK	3875 NW 203 St, N Dade Co	2231	52
502561	PALMA SOLA	7100 1st Ave, Bradenton	2606	143
503565	ALLIGATOR	1.5 Mi E/O SR 951 on Davis Blvd	5419	327
700636	VERENA	1401 NE 13 Ave, Ft Lauderdale	1980	129
701638	PLANTATION	4900 W Broward blvd, Ft Lauderdale	1611	146
800835	RAILWAY	523 NW 11 St, Miami	957	203
407663	LOXAHATCHEE	15879 Long Valley LA, Loxahatchee	2923	350
701432	PORT SUB	SE 14 Ave & Eller Dr, Port Everglades	0	12
703432	RESERVATION	5400 Stirling Rd & N 64 Ave, Hollywood	1852	63
805235	NATOMA	2475 SW 16 Ct, Miami	899	61
704566	MALLARD	8300 Block Southgate Blvd, Margate	6313	222
503562	ALLIGATOR	1.5 Mi E/O SR 951 on Davis Blvd	3549	629

100138	DAYTONA BEACH	132 N Segrave Ave., Daytona Beach	360	116
704061	MOTOROLA	7641 W Sunrise Blvd, Sunrise	2135	271
802436	SOUTH MIAMI	5801 SW 68 St, Miami	793	185
402032	CLEWISTON	USSC Main Canal Rd, Clewiston	1229	163
504961	GOLDEN GATE	4001 15 Ave, Naples	2482	251
700234	HOLLYWOOD	709 N 21 Ave, Hollywood	1497	309
408661	HOMELAND	1113 Windsor Lake Rd, West Palm Beach	2387	422
806337	ULETA	16150 Miami Gardens Dr, N Miami Beach	1163	240
406161	TURNPIKE	2300 Bayshore Blvd, Port St Lucie	2812	157
705764	TRACE	17800n Saddle Club Rd, Ft Lauderdale	2751	190
701536	DANIA	SE 5 Ave & 3 St, Dania	3022	172
503564	ALLIGATOR	1.5 Mi E/O SR 951 on Davis Blvd	3581	304
800851	RAILWAY	524 NW 11 St, Miami	294	100
804133	GARDEN	3802 NW 179 St, N Dade Co	1364	119
810561	JASMINE	8805 SW Krome Ave, S Dade Co	3775	171
706266	VALENCIA	13000 SW 20 St, Davie	2024	143
502163	BONITA SPRINGS	9491 Bonita Beach Rd, Bonita Springs	2636	457
401634	OKEECHOBEE	112 SE 4th Ave, Okeechobee	1367	360
503762	HARBOR	22505 Hancock Ave, Punta Gorda	2107	316
207362	WYOMING	2525 Quarry Ave	1768	74
804131	GARDEN	3801 NW 179 St, N Dade Co	1142	133
400737	BOCA RATON	310 W. Palmetto Park Rd, Boca Raton	2126	103
800433	COCONUT GROVE	2998 SW 37th Ave, Miami	1492	270
704665	SPRINGTREE	NW 88 Ave & 44 St, Lauderhill	3439	232
706166	HOLLYBROOK	10501 Washington St, Pembroke Pines	878	275
105831	ELKTON	4525 St. Ambrose Church Rd	619	123
407561	GLENDALE	9597 20th St, Vero Beach	2448	357
201632	PALM BAY	2197 NE Franklin DR, Palm Bay	2057	89
809663	COURT	12591 SW 136 St, S Dade Co	2656	369
301462	YULEE	Jacksonville	1489	195
705562	SOUTHSIDE	200 SW 7 St, Ft Lauderdale	1953	112
501764	IONA	1750 San Carlos Blvd, Ft Myers	6129	443
702740	MCARTHUR	2001 NW 51 Ave, Lauderhill	1986	70
406863	KIMBERLY	11000 W Yamato Rd, W Boca Raton	2016	53
500663	CORTEZ	4402 44 Ave West, Bradenton	4768	324
201134	PATRICK	Patrick Air Force Base	1087	26

Order List

Number of Customers			Outage Events(N) (i)	Average Duration "L-Bar" (j)	CAIDI (k)	Listed Last Year? (l)	No. of Years in the Last 5 (m)	Corrective Action Completion Date (n)
Industrial (f)	Other (g)	Total (h)						
0	0	1587	9	9	9.1	No	0	6/30/03
60	0	3653	8	227	44.1	No	0	6/1/03
1	0	1145	8	95	15.4	No	0	6/1/03
16	0	3161	8	40	13.6	No	0	6/1/03
20	0	3307	8	39	23.2	No	0	6/30/03
4	0	2444	8	31	5.8	No	1	6/1/03
9	0	2068	7	111	51.8	No	0	6/1/03
15	0	847	7	85	34.2	No	0	6/30/03
8	0	2419	7	83	37.6	No	0	6/30/03
15	0	4169	7	66	23.2	No	0	6/1/03
3	0	695	6	197	36.4	No	0	6/1/03
49	0	3306	6	166	32.2	No	0	6/30/03
13	0	1637	6	105	33.6	No	0	6/1/03
4	0	2413	6	101	34	No	0	6/30/03
5	0	2943	6	95	31.3	No	1	6/1/03
6	0	755	6	91	24.6	No	1	6/30/03
15	0	3770	6	75	47.3	No	0	1/2/02
7	0	1518	6	48	13.3	No	0	6/1/03
2	0	960	6	44	5.7	No	0	2/1/03
8	0	2272	6	14	13	No	0	6/30/03
16	0	2689	5	376	80.8	No	0	6/1/03
6	0	2185	5	184	23.4	No	0	6/30/03
2	0	963	5	158	77.2	No	1	5/3/02
5	0	722	5	151	48.8	Yes	2	6/1/03
21	0	476	5	148	38.5	Yes	1	11/1/02
14	0	2631	5	137	38.3	Yes	1	6/1/03
2	0	2565	5	136	22.9	No	0	6/30/03
5	0	928	5	131	16.1	No	0	6/30/03
5	0	2174	5	112	30.9	Yes	1	6/1/03
4	0	1566	5	109	22	No	0	6/1/03
29	0	400	5	107	62.2	No	0	6/30/03
6	0	3860	5	104	23.6	Yes	3	6/1/03
5	0	2129	5	100	14.2	No	0	6/1/03
0	0	2283	5	93	35.7	Yes	2	6/1/03
36	0	2785	5	78	59.3	No	0	6/1/03
49	0	5795	5	75	18.6	No	0	6/1/03
5	0	2114	5	60	45.1	No	0	6/1/03
5	0	1762	5	59	26	No	0	6/30/03
0	0	1160	5	53	28.4	No	0	6/30/03
5	0	3278	5	46	19.4	No	0	6/30/03
1	0	13	5	42	25.5	No	0	6/30/03
2	0	1917	5	41	23.4	No	0	6/30/03
3	0	963	5	35	23.7	No	1	6/30/03
4	0	6539	5	32	18.4	No	0	6/1/03
19	0	4197	5	24	16.7	No	0	6/30/03

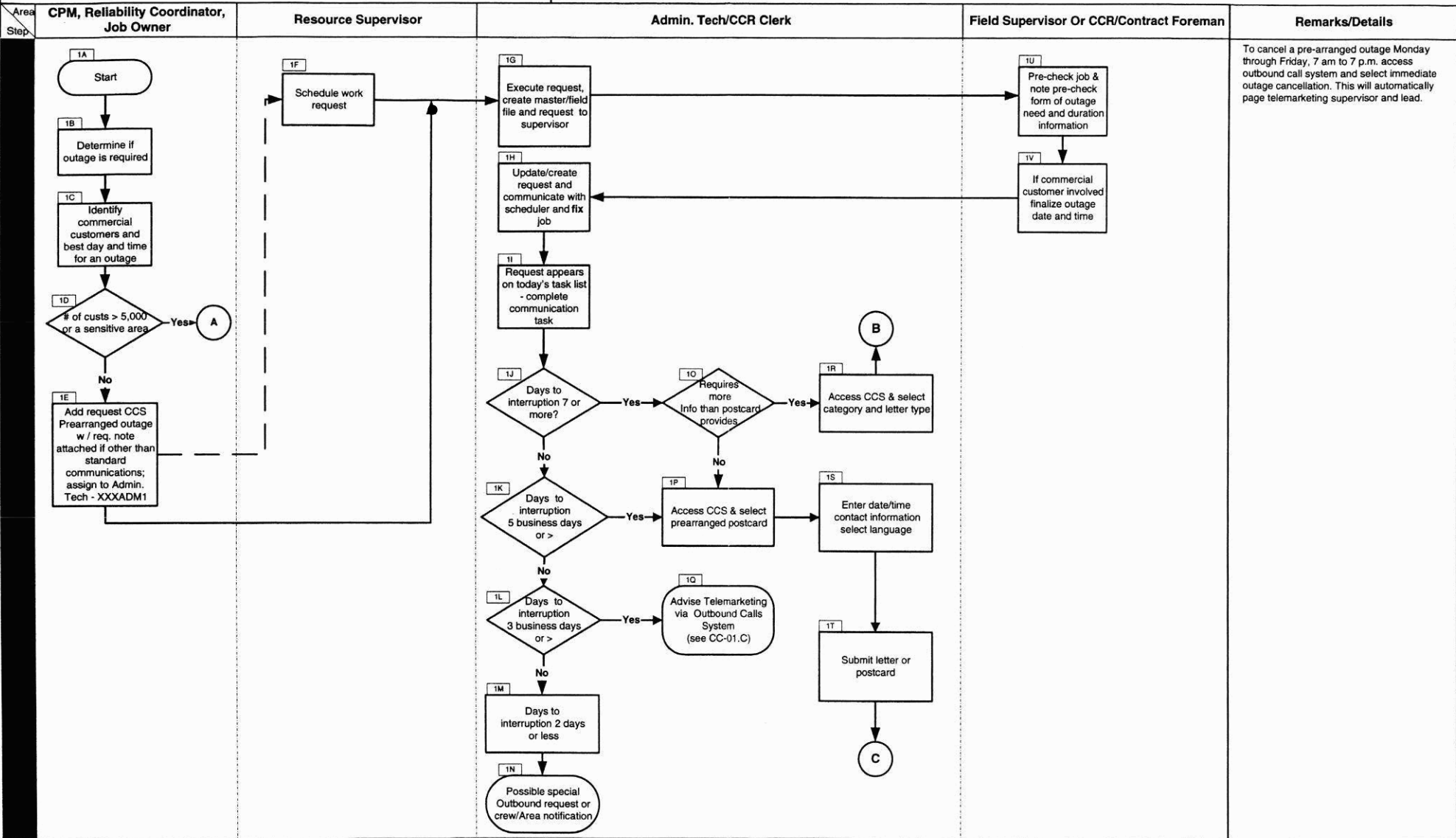
3	0	479	5	17	10.4	No	1	6/1/03
3	0	2409	4	616	38.6	No	0	6/30/03
1	0	979	4	304	42.2	No	2	6/30/03
16	0	1408	4	179	64.8	No	0	10/23/02
26	0	2759	4	178	50.5	No	2	6/30/03
3	0	1809	4	178	37.4	No	1	6/1/03
23	0	2832	4	171	31.6	Yes	1	6/30/03
0	0	1403	4	168	31.4	No	0	6/1/01
0	0	2969	4	162	23.6	No	0	6/1/03
4	0	2945	4	162	40.4	No	0	6/1/03
2	0	3196	4	159	38.3	No	1	6/1/03
35	0	3920	4	147	50.9	No	0	3/15/02
1	0	395	4	141	59.7	No	0	6/1/03
0	0	1483	4	141	40.5	No	1	6/30/03
5	0	3951	4	135	18.7	No	1	6/1/03
8	0	2175	4	128	53.4	No	0	6/30/03
30	0	3123	4	127	27.7	No	0	3/22/02
2	0	1729	4	124	29.1	No	0	3/1/02
3	0	2426	4	107	29.7	No	1	2/1/03
2	0	1844	4	105	38.8	No	0	TBD
2	0	1277	4	101	23.5	No	1	6/1/03
10	0	2239	4	96	22	No	1	6/1/03
5	0	1767	4	94	29.5	No	1	6/30/03
0	0	3671	4	92	24.6	No	0	6/30/03
0	0	1153	4	86	34.8	No	0	2/7/03
15	0	757	4	85	29.4	No	1	6/30/03
14	0	2819	4	85	13.7	No	1	2/28/02
1	0	2147	4	82	28	No	0	10/10/02
3	0	3028	4	81	30.9	No	0	6/30/03
13	0	1697	4	79	28.1	No	1	12/30/02
13	0	2078	4	78	47.6	No	0	6/1/03
10	0	6582	4	75	32.3	No	0	8/7/02
3	0	2059	4	75	35	No	0	1/30/03
5	0	2074	4	68	38.3	No	0	6/30/03
11	0	5103	4	68	49.2	No	0	6/1/03
20	0	1133	4	31	5.8	Yes	1	6/30/03

CC-01.A PROCESS NAME: CCS-Letters or Postcards Pre-arranged Outage Notification Process (micro)

CUSTOMERS: Internal: Distribution, Transmission Substations areas, Power Quality, Reliability Staff, Real Estate and Other External: Residential and Commercial Customers

PROCESS DESCRIPTION: CCS - Letter and Postcard Process

PROCESS OBJECTIVE: Provide a clear understanding of purpose and necessity of customer communications appropriate methods/tools in order to achieve customer satisfaction through pre-notification of planned outages



To cancel a pre-arranged outage Monday through Friday, 7 am to 7 p.m. access outbound call system and select immediate outage cancellation. This will automatically page telemarketing supervisor and lead.

Issued for use Rev 0: Rev 1: 09/25/02 Rev 2: Rev 3: Rev 4: Rev 5: Rev 6: Rev 7: Rev 8: Rev 9: Rev 10:

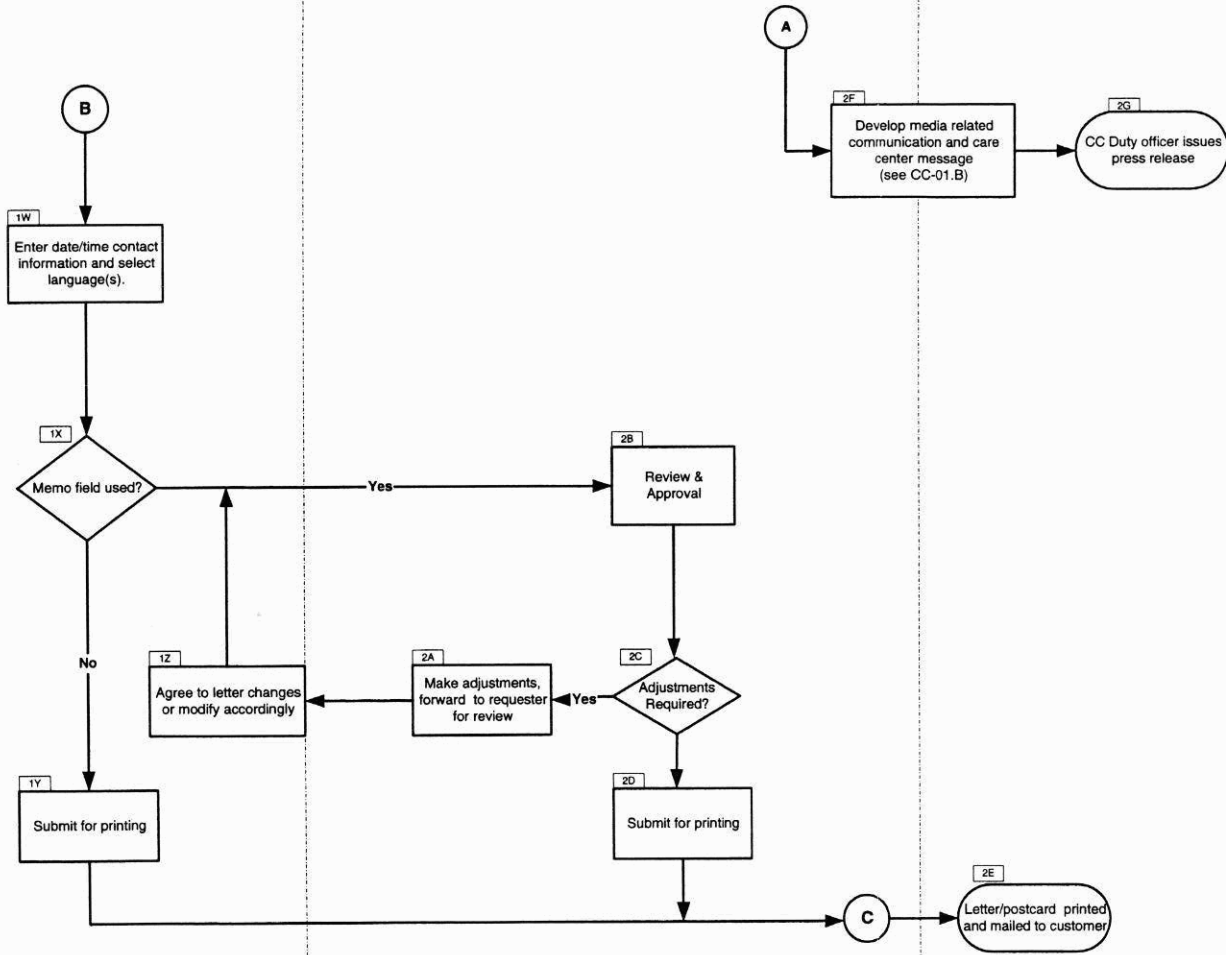
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External: Residential and Commercial Customers

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PROCESS OBJECTIVE: Provide a clear understanding of purpose and necessity of customer communications appropriate methods/tools in order to achieve customer satisfaction through pre-notification of planned outages

Area Step	Admin Tech/CCR Clerk	Power Systems Customer Services	Corporate Communications	Remarks/Details
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To cancel a pre-arranged outage Monday through Friday, 7 am to 7 pm access outbound call system and select immediate outage cancellation. This will automatically page telemarketing supervisor and lead.

Issued for use	Rev 109/25/02	Rev 2:	Rev 3:	Rev 4:	Rev 5:	Rev 6:	Rev 7:	Rev 8:	Rev 9:	Rev 10:
Rev 0:										