



## UTILITY DAS REFERENCES

(LEC-USA as of December 31, 2006)

<u>JOB NO</u>	<u>DATE</u>	<u>CLIENT (SUBCONTRACTOR)</u>	<u>SITE CITY</u>	<u>ST</u>	<u>DESCRIPTION</u>
060484	11/14/06	South Carolina Electric & Gas (Irby)	Eastover	SC	2 Paragon DAS, TVSS, Supv
060479	11/06/06	Warren Energy (Covanta)	Oxford	NJ	Pwr Gen. Station, 7 assorted DAS, SBIs, SBTs
060419	09/27/06	Beauregard Electric Co-op	DeRidder	LA	Substation, 4 Hemi DAS, 16 CR, 18 SBI, Supv
060349	08/16/06	Grand Bahama Power Co.	Bahamas	XX	Pwr Gen Station, 54 assorted DAS, TVSS
060269	06/30/06	Michigan Public Power Agency	Traverse City	MI	2 Conic DAS, 16 SBI
060227	05/31/06	Michigan Public Power Agency	Traverse City	MI	Hemi DAS, 24 SBT, Supv
050496	11/18/05	Entergy Operations Inc.	Port Gibson	MS	Das Hemi for light mast, Grand Gulf Nuclear
050494	11/15/05	Central Louisiana Electric Co.	Pineville	LA	Paragon DAS for Building
050398	09/15/05	Tennessee Valley Auth. (Svc Electr.)	Chattanooga	TN	4 DAS Hemis for Cummings Substation
050348	08/11/05	Korean Western Power Co/KEPCO	Korea	XX	5 assorted DAS, stack, CRs, SBIs
050171	04/29/05	Korean Western Power Co/KEPCO	Korea	XX	2 Parapet DAS, 11 CR, 7 SBT, FGD Bldg
050119	03/30/05	Korean Western Power Co/KEPCO	Korea	XX	1 Stack DAS, 6 CR, KEPCO
040542	11/15/04	Krog Corp	Savan. River	SC	Paragon DAS, Supv
040518	10/29/04	Louisiana Pigment Company	Westlake	LA	Stack DAS, Supv, TVSS
040422	09/15/04	Beauregard Electric Co-op	De Ridder	LA	3 Hemi DAS, 24SBI, 16 CR, Supv
040376	08/23/04	PPG Industries Inc.	Lake Charles	LA	Stack DAS, 24 SBI, Supv
040267	06/29/04	City Public Service	San Antonio	TX	1 Hemi DAS, 18 SBI & 3 CR for comm. Twr
040248	06/17/04	International Paper	Pineville	LA	1 Stack DAS, Supv
040041	01/31/04	KEPCO (LEC Korea)	Korea	XX	4 Hemi DAS mtd on LPG & NGL tanks.
040009	01/13/04	Board of Water & Light	Lansing	MI	Stack DAS, 2400 ft DAS Wire
030478	09/24/03	Mid Carolina Electric Coop.	Lexington	SC	2 Hemi DAS, 22 SBI, Supv
030477	09/24/03	Mid Carolina Electric Coop.	Lexington	SC	2 Hemi DAS, 22 SBI, Supv
030021	01/21/03	Calpine (Kvaerner Ind Constructors)	Winter Hav.	FL	5 Hemi, 157 SBI/Ts, Flat Roof DAS, TVSS
020533	10/16/02	Huntsman Propylene Oxide Ltd.	Port Neches	TX	3 Stack DAS, Paragon DAS, Supv,
020438	09/05/02	Esso (Kellogg Brown & Root Inc.)	Chad	XX	21 DAS on vessels, stacks, bldgs; SBI substatio
020426	08/28/02	EPB/Electric Pwr Bd of Chattanooga	Chattanooga	TN	6 Hemi DAS, Supv, 6 SBI, Substation
020288	06/13/02	Suwannee American (Harrell Constr)	Branford	FL	Parapet DAS, Supv
020241	05/23/02	Mid Carolina Electric Coop.	Columbia	SC	2 Hemi DAS, 14 SBI, substation, inspection
020168	04/11/02	Calpine (Kvaerner Ind. Contractor)	Auburndale	FL	2 Stack DAS
020101	03/04/02	Calpine Eastern Corp.	Pace	FL	3 Paragon DAS, SBT, 7 Hemi DAS, Stack DAS
020090	02/25/02	Calpine (Kvaerner Ind. Contractor)	Auburndale	FL	SB23, 6 SBI, 6 SBT, Parapet DAS, Supv
010417	07/30/01	Clinton Power Station	Clinton	IL	DAS Hemi, 3-CR
010362	07/04/01	Xcel Energy Svcs.	Grand Jct.	CO	DAS Hemi, 7 CR, tvss, microwave tower
010274	05/21/01	Beauregard Electric Co-op	Beauregard	LA	2 hemi DAS, 14 CR, SBIs
010269	05/17/01	Wheelabrator Ridge Energy	Auburndale	FL	Stack DAS, Paragon DAS
010238	04/27/01	Cleveland Electric Company	Atlanta	GA	Flat roof array, 12 CR
010174	03/30/01	Rutherford Electric Membership Co.	Rutherford	NC	DAS Hemi
010089	02/14/01	Northeast Nuclear Energy Coop.	Waterford	CT	Met tower, Trap DAS, 3 SBIs, TVSS
000668	10/26/00	Florida Power & Light	Jensen Beach	FL	Hemi DAS, TVSS
000658	10/24/00	SLEMCO	Lafayette	LA	Trap DAS, 3-SBI, 1-SPV, 1-Install
000337	06/16/00	PPG (BVZ Power Partners)	Aurora	CO	1-Dual Dissipator, 1-Hemi DAS, 36-SBI, Supv
000302	05/25/00	City of Tallahassee (No. FL Twr Sv)	Lake City	FL	1-PeakRoof DAS, 2-CR8V, TVSS, Supv
990758	11/30/99	Southern Carolina Electric & Gas	Eastover	SC	3400 ft DAS Wire
990685	10/20/99	Beauregard Electric Co-op	DeRidder	LA	2 DAS, 22 SBI
990632	09/27/99	Auburndale Power Partners	Auburndale	FL	1 DAS Stack Array

990262	04/28/99	Mid Carolina Electric Coop.	Lexington	SC	2-DAS Hemi
990119	03/04/99	Rutherford EMC	Forest City	NC	Installation,1 DAS Hemi
990107	03/03/99	Beauregard Electric Co-op	DeRidder	LA	22 SBI,16 CR8, 2 DAS
980743	09/29/98	Public Service of Colorado	Denver	CO	1-DAS,3-SBI,2-CR8,1-SB27,1-SB21,2-DLP
980615	08/21/98	Rutherford Electric Membership	Forest City	NC	1-DAS,3-SBI,1-Installation
980187	03/27/98	Tennessee Valley Authority	Decatur	AL	1-Stack Array Interface,1-SBI,1-SPV,1-Install
980130	02/20/98	Beauregard Electric Cooperative	DeRidder	LA	2-DAS,1-Grounding,20-CR8VAssy,7-SBI-3
970686	11/03/97	Flint Electric Membership Coop	Warner Rob	GA	9-SBI,9-SBI,1-Hemi, tvss
970395	07/18/97	Meralco Electric (Luminux)	Philippines	XX	5100-DAS Wire, Meralco project
970283	06/05/97	Mid Carolina Electric Coop.	Lexington	SC	2-DAS,10-SBI,1-SPV,7-SBI
970162	04/11/97	So. Carolina Electric & Gas, Wateree	Eastover	SC	Stack, 2 paragons for boilers, install, supv
970086	03/10/97	Meralco Electric (Luminux)	Phillipines	XX	2000' DW for substation (+970088)
970070	03/04/97	Board of Water and Light	Lansing	MI	Roof array, CR, TVSS, Supv
960464	09/23/96	Rutherford Electrical Member	Grouse	NC	2 hemis for 2 twrs, supv
960318	07/11/96	City of Tallahassee (NFTS)	Tallahassee	FL	paragon, 2 CR, tvss, pump house for power
960268	06/12/96	Tri-State Generation & Transmission	Denver	CO	Parapet DA, 6 CR, supv
960176	04/19/96	Phillips 66 Co.	Sweeney	TX	1000' DA wire for DDS
960145	04/03/96	Williamette Indus., Bleached Pulp	Hawesville	KY	1500' DA wire for DDS
950457	09/07/95	Florida P&L	St. Luc., Tur	FL	DA Trap (St. Lucie), 6 SBI (Turkey Pt.)
950408	08/15/95	West Penn Power, Allegheny Power	3 sites	PA	3 DAS Hemis
950389	08/07/95	City of Tallahassee	Tallahassee	FL	DA, 5 CR, TVSS
950298	06/26/95	Bd. of Public Utilities (Power Syste)	Kansas City	MO	Hemi DA for Tower, 6 SBI, Roof DA
950271	06/09/95	Korean Electric Power (Amitec)	South Korea	XX	27,000' DA Wire, 26 SBT, 74 SBI, 38 CR
950129	03/29/95	Amoco Oil Co.	Mandan	ND	DDS, 13 Brackets, 2000' Wire
950085	02/28/95	NJ American Water Works	Millburn	NJ	9200' DA Wire, Hardware
950083	02/28/95	NJ American Water Works	Millburn	NJ	1200' DA Wire, Hardware
950031	01/25/95	Wisconsin P&L, System Op's Ctr	Cottage Grov	WI	400' DA Wire
940679	11/10/94	Entergy Operations, Grand Gulf	Port Gibson	MS	Quad trap DA
940669	11/04/94	Allegheny Power, West Penn Power	Kittanning	PA	DA hemi, comm. Tower
940631	10/17/94	Wisconsin P&L, System Operations	Cottage Grov	WI	DA hemi, 3 SBI
940495	08/22/94	Star Enterprise (Texaco/Saudi Joint	Port Arthur	TX	16,000' DA Wire
940490	09/06/94	Lansing Bd. of Water & Power	Lansing	MI	Stack, parag., hemi, parapet, 28 SBI, 10 CR
940455	08/05/94	Ontario Hydro, Bruce B	Canada	XX	17 DAS, Nuclear Gen. Station
940454	08/01/94	Flint Electric Membership Coop.	Warner Rob	GA	Trap DA, 3 SBI, Gnd
940445	08/03/94	Southern Maryland Electric Coop.	Hughesville	MD	1 hemi DA, 1 parapet DA
940425	07/25/94	Flint Electric Membership Coop.	Warner Rob	GA	DA-2 twrs (trap, hemi+13 SBIs), SBI-4 twrs
940403	07/18/94	Mission Energy, Gordonsville	Gordonsville	VA	3 hem, 4 parag., 2 conic, 1 handrail, 1 stack
940180	05/19/94	Entergy Operations, Grand Gulf	Port Gibson	MS	DA panels for met tower
940112	02/28/94	Mid Carolina Electric Coop.	Lexington	SC	3 DA for substations, 1 DA for HQ bldg.
930600	12/06/93	Star Enterprise (Texaco/Saudi Joint)	Port Arthur	TX	DDS with 100,000' DAS wire, 415 T-bars
930545	10/27/93	Houston Lighting & Power	Wadsworth	TX	Hemi DAS, met tower, nuclear
930358	07/30/93	Entergy Operations, Grand Gulf	Port Gibson	MS	10,500 feet DAS wire for DDS
930261	06/07/93	New Jersey American Water Works	Millburn	NJ	56 DDS brackets, 5400' DAS wire
930227	05/19/93	Entergy Operations, Grand Gulf	Port Gibson	MS	Paragon DAS
930184	05/05/93	Rappahannock Electric Coop	Fredericksbu	VA	DAS
930076	02/12/93	Sangre de Cristo Electric Assoc.	Buena Vista	CO	substation, 2 DAS hemis on poles
930072	02/08/93	Mid-Carolina Electric Corp.	9 sites	SC	2 trap-twr, 3 hemi-sub, 4 SBI-subs (82 SBI)
920363	10/05/92	Florida P&L (Bonded L.P.)	Miami	FL	1200' DA wire, parapet arms, for 89-0194
920312	09/14/92	Williamette Indus., Bleached Pulp	Hawesville	KY	DDS
920116	04/28/92	Florida P&L	Turkey Point	FL	replace hemi 200' twr, new hemi 33' twr, 2 CR
920087	04/03/92	New Jersey American Water Works	Millburn	NJ	DDS, water company
910485	12/20/91	San Miguel Power (Besler)	Nucla	CO	DAS for substation
910374	10/01/91	Wisconsin P&L	Cottage Gro	WI	1 DA hemi, 15 CR, 16 SBI, TVSS, Op's Ctr

910347	09/19/91	Entergy Operations, Grand Gulf	Port Gibson	MS	2 DAS
910307	08/21/91	Korean Electric Power, Hyundai Eng	South Korea	XX	6500m DDS, 500kV line, 16 SBI, river crossing
910217	07/03/91	Tri-State Generation & Transmission	Denver	CO	1 DA hemi & 3 SBIs on twr, 4 CR, TVSS
910194	06/20/91	Teche Electric Cooperative	Jeanerette	LA	1 DAS, 4 SBI
910155	05/29/91	Allegheny Power Service Corp.	4 sites	VA	4 hemi, 4 microwave sites, 1 CR
910151	05/24/91	Central LA Electric Co., CLECO	3 sites	LA	3 DAS
910140	05/20/91	PPG Industries Inc.	Lake Charles	LA	Substations, DDS, hemi
910125	05/15/91	Louisiana P&L	9 sites	LA	1 trap, 8 hemi, 27 CR, TVSS
910120	05/10/91	Johns Hopkins Univ., Appl. Phys.	Laurel	MD	Dish DA, prgn DA, 12 CR, 34 SBI-bdg, 3 twr
910092	04/23/91	Louisiana P&L	Wilton	LA	trap 450' tower, 3 CR, TVSS
910094	04/22/91	Dis Tran Products, Inc.	Alexandria	LA	2 hemi, 14 CR, substation
910064	03/25/91	Entergy Operations, Grand Gulf	Port Gibson	MS	4 parapet DA-pumping stations, 4 SBI
910026	02/01/91	PPG Industries	Lake Charles	LA	450' wire and arms, DDS
910020	01/30/91	Union Camp (Eddins Electric)	Eastover	SC	2600' DAS wire
900305	11/29/90	Entergy Op's, Waterford 3 SES Nucl.	Taft	LA	2 DAS, 6 CR, TVSS
900291	11/11/90	Federal Express (Kermit Buck)	Memphis	TN	4 paragon, tug lot, feeder road, DDS
900285	10/26/90	PPG Industries	Lake Charles	LA	2 7500' 69kV DDS, substation hemi
900263	10/09/90	Bd. of Public Utilities (C & C Sales)	Kansas City	KS	parapet, hemi, 4 CR, +Job 90-0244
900239	09/21/90	Exxon Company USA	Baytown	TX	9 SBI, 3 hemi, gnding, refinery, power
900182	08/09/90	Entergy Operations, Grand Gulf	Port Gibson	MS	2 hemis, parapet brackets
900125	06/19/90	Union Camp (Eddins Electric)	Eastover	SC	5400' wire, brackets, DDS
900123	06/18/90	Union Camp (Eddins Electric)	Eastover	SC	6500' wire, brackets, DDS
900070	04/20/90	Philadelphia Electric, Limerick	Pottstown	PA	2 hemi DA on twrs, 9 CR, TVSS
900062	04/12/90	San Miguel Power Assoc.	Nucla	CO	hemi, 3 CR, communications site
900029	02/26/90	Rappahannock Electric Co-op	Fredericksbu	VA	3 DAS, 4 CR, communications sites
890198	10/12/89	Maine Yankee Atomic Power Co.	Wiscasset	ME	DDS, 4 CR
890194	10/09/89	Florida P&L (Bonded Lightning)	Miami	FL	bldg addition to 78-8154, parapet DA, 2 SBIs
890172	09/12/89	Union Camp (Englewood Electric)	Eastover	SC	DDS, 4100' wire, distr. line brackets
890163	09/01/89	Entergy Operations, Grand Gulf	Port Gibson	MS	28 DA parapets, 9 SBI-lites, 4 SBI-met twr
890137	08/15/89	Weyerhaeuser (Eastern Util. Cons.)	Columbus	MS	7.5 mi. distr. line, DDS
890123	07/28/89	Union Camp (Englewood Elec.)	Eastover	SC	DDS, 2600' wire, distr. line brackets
890094	06/29/89	Weyerhaeuser (Eastern Util. Cons.)	Columbus	MS	1 mi. distr. line, DDS, paper mill
890074	05/31/89	TU Electric (Climatronics)	Glen Rose	TX	met. tower, hemi, replaced Job 82-2977
890025	03/07/89	Salt River Project, Cornonado Gen.	St. John	AZ	met tower, hemi, 3 CR, TVSS
880152	12/02/88	Louisiana P&L	Gretna	LA	Met tower, hemi, 3 CR, TVSS
880091	07/29/88	Florida P&L (Ellis Tower Co.)	St. Lucie	FL	200' Met twr, hemi replacement, trap
880066	06/23/88	No. Indiana Public Svc Co., NIPSCO	Hammond	IN	computer bldg, hemi on 225' tower
880051	05/25/88	Amoco Oil, Mandan Refinery	Mandan	ND	DDS for 3 4160v lines, DDS 480v line
880027	03/11/88	Illinois Power Co. (Rhodes Tower)	Gibson City	IL	200' met tower, hemi
870107	09/11/87	Dis Tran Products Inc.	Lafayette	LA	substation, DDS, 4 DAS
870095	08/24/87	TU Electric	Dallas	TX	two parapets, one on computer bldg
870081	07/20/87	Northeast Utilities, Millstone Nucl.	Hartford	CT	Met. tower, trap
870068	05/29/87	Florida P&L	Ft. Lauderdale	FL	emerg. svc bldg, DAS rework, 8 CR, trap 150'
870067	05/28/87	Louisiana P&L	West Monroe	LA	250' tower, hemi
870063	05/21/87	Union Camp	Eastover	SC	Hemi
870051	04/22/87	Williamette Industries	Hawesville	KY	DDS, dist. line, brackets, 2500' wire
870037	03/27/87	Union Camp	Franklin	VA	5 mile DDS, Alternate 13.8kV line
860059	10/02/86	No. Indiana Public Svc Co., NIPSCO	Hammond	IN	microwave site
860051	09/05/86	Central LA Electric Co., CLECO	Pineville	LA	energy mgt ctr, hemi-tower, parapet-bldg, 3 CR
860050	09/05/86	City of Lafayette, Laf. Util. Syst.	Lafayette	LA	com syst & energy mgt syst in 13 subs
860046	08/29/86	Colorado Springs Utilities, Martin	Colorado Spr	CO	energy control ctr, roof, tower, 10 CR
860043	08/26/86	Commonwealth Edison, Byron Nucl.	Byron	IL	hemi on 250' met. tower, 4 CR, TVSS,
860041	08/18/86	Union Camp	Eastover	SC	paper mill, substation & 9 bldgs, whole plant

850051	10/25/85	City of Lafayette, Lafayette Utilities	Lafayette	LA	2 gen stations, 13 sub's, 20 hemi DA, 144 CR
850050	09/05/85	NIPSCO, Hydro Electric	Hammond	IN	Computer Ctr, parapet
850035	07/17/85	Union Camp	Franklin	VA	5 mile distrib. line, DDS
850010	04/15/85	Central LA Electric Co., CLECO	Boyce	LA	200' tower, DAS
850009	03/21/85	General Public Utilities	Reading	PA	Headqtrs and lab bldgs, parapet
850007	03/06/85	General Public Utilities (H.P. Foley)	Reading	PA	Computer Center, parapet
850002	01/04/85	Gulf States Utilities, River Bend	Baton Rouge	LA	hemi on microwave tower
850001	01/04/85	Gulf States Utilities, River Bend	Baton Rouge	LA	hemi on microwave tower
844432	09/11/84	No. Indiana Public Svc. Co.	Hammond	IN	Energy Control Ctr, parapet
844775	05/29/84	Tenneco Oil	Lafayette	LA	150' Microwave tower, hemi
844434	02/03/84	Delmarva P&L	Salisbury	MD	Microwave site/tower, trap
834278	12/20/83	Florida Power Corp. (Research Corp)	Crystal River	FL	180' Met. tower, hemi
834206	10/11/83	Enviroplan (Climatronics)	Haverstraw	NY	Met. tower, 328'
834321	09/11/83	NIPSCO, Hydro Electric	Highland	IN	Parapet
823006	07/07/82	Lower Colorado River Authority	Austin	TX	Electrical substation, hemi
812553	12/08/81	Baltimore Gas & Electric (Gilbert)	Riviera Bch	MD	4 cooling towers
812342	09/03/81	Cajun Electric Power Cooperative	New Roads	LA	150' tower, hemi
812126	06/11/81	Central LA Electric Co. (Grasis)	St. Landry	LA	Microwave site, 306' tower
812110	06/04/81	Lower Colorado River Authority	Granite Shoa	TX	energy control ctr, conic DAS, TVSS
812011	06/01/81	Lower Colorado River Authority	Austin	TX	energy control ctr, DAS, Gnd, TVSS
799543	09/28/79	Northeast Util's Svcs, Millstone Nucl	Waterford	CT	trap, 425' tower, TVSS
788314	09/19/78	Central LA Electric Co., St. Landry	Bunkie	LA	Communications site, trap, Gnd, TVSS
788260	09/15/78	Blount Brothers Corp.	2 sites	LA	2 Met. Sites
788154	07/15/78	Florida P&L	Miami	FL	System SCADA Ctr.
770822	11/10/77	Pennsylvania Electric	Erie	PA	300' met tower
770821	11/10/77	Pennsylvania Electric	Homer	PA	300' met. Tower
770805	10/06/77	GPU, Metropol'n Edison (3 Mile)	Harrisburg	PA	hemi, stack, 4 cooling towers
777116	08/30/77	Dayton P&L, Gistridge Station	Dayton	OH	Met. Tower site
777177	08/30/77	No. Indiana Public Svc Co., NIPSCO	Hammond	IN	hemi on met. Tower
770741	06/15/77	GPU, Metropol'n Edison (3 Mile)	Harrisburg	PA	Bldg
770722	04/04/77	Florida P&L [St. Lucie, Turkey Pt.]	3 sites	FL	hemi & trap 200' twr, 2 traps on twrs on bldgs
770721	01/31/77	Consolidated Aluminum	Omal	OH	substation, hemi, roof, 75' tower
760645	08/27/76	Gulf Power Corp.	4 sites	FL	TVSS, hemis 200' twrs (... Pensacola, Panama)
760640	08/06/76	Philadelphia Electric, Peachbottom	York	PA	hemis on 2 towers, hemi on stack
760609	04/15/76	South Carolina Electric & Gas	Wateree	SC	Gener. plant, 5 hemis, stacks, boilers
760606	03/04/76	Florida P&L	Ft. Lauderdal	FL	2 comm twrs (Sunrise-hemi, Trouble-trap 60')
760538	02/16/76	Iowa P&L (Meteorology Research)	Knoxville	IA	Met. tower site, hemi, TVSS
750530	01/15/76	NASA, Madrid	Spain	XX	DDS, 5 mile transmission line
760537	12/12/75	Omaha P&L (Climetronics)	Omaha	NE	Met. tower, hemi, TVSS, Gnd
750643	10/13/75	(The Research Corp. Environ.)	Wethersfield	CT	hemi on 404' met. tower
750521	08/15/75	Florida P&L	St. Lucie	FL	2 twrs 150' and 200', hemis
750511	04/22/75	Carolina P&L, Brunswick Plant	Southport	NC	hemi and trap on 360' met. tower, nuclear
750501	01/15/75	Florida P&L	Ft. Laud, Arc	FL	2 Comm. sites, hemis on towers
750502	11/15/74	Union Electric Co.	St. Louis	MO	Microwave site, 450' tower
740414	10/15/74	Commonwealth Edison	Chicago	IL	electrical substation
740411	10/15/74	Florida Power Corp.	Orlando	FL	Electrical Substation
740412	09/15/74	Florida Power Corp. (Dames)	Live Oak	FL	Suwanne River Plant, Met twr
740420	09/13/74	Dayton P&L, Killian Gen. Station	Dayton	OH	Energy Control Ctr, hemi, panel
740405	05/15/74	Potomac Elec. Power Co (Scien. As.)	Oyster Creek	NJ	Met. tower site
740401	02/15/74	Jersey P&L, Forked River (Science)	Forked River	NJ	hemi, panel, met. tower, nuclear
730315	10/15/73	Florida P&L	Orlando	FL	Hemi, 150' met. twr