Form 174 '4
4-64

BILL OF MATERIAL

AE-MAG1-91.10

DESCRIPTION

ILLINOIS POWER COMPANY
ENG NWN W O Nº 25401
SHEET Nº 1 B/MSEC V
LOCATION Texas Sub.

STOCK CODE	QUAN.	DESCRIPTION	REQ DATE & No	PURCHASE ORDER No SUPPLIER	DELIVERY STATUS	DELIVERY REQ'D DATE
V-1	3	Channel, Steel, galv., per sKetch A-SK-25401-2	6-25-76 1169			
V-2	1	Angle, Steel, galv., per sKetch A-SK-25401-2	"			

Form 194-12
4-64

BILL OF MATERIAL AE-MAG1-91.10

DESCRIPTION

ILLINOIS POWER COMPANY
ENG NWN W O Nº 25401
SHEET Nº 1 B/MSEC D
LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	REQ DATE / Nº	PURCHASE ORDER Nº / SUPPLIER	DELIVERY STATUS	DELIVERY REC'D DATE
D-1	1	Power Transformer, 3Ø, 10/11.2/14 MVA, 67000-13090Y, Westinghouse Serial # PGR-51281.	6 25 76 1160	PTR 260-42	COMPLETE	9-15-76
D-2	3	Transformer, Current, 15KV, ~~600~~ 800/5 A, G.E. type "JKW-5", Cat. # ~~630X84~~ 755X80G43	6-25-76 1161	NSET 126	COMPLETE	7-20-76
			9-1-76 REV. #1	NSET 164	COMPLETE	9-28-76

BILL OF MATERIAL

AE-MAG1-91.10

DESCRIPTION

ILLINOIS POWER COMPANY
ENG NWN W.O.No 25401
SHEET No 1 D/MSEC G
LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	REQ DATE # No	PURCHASE ORDER No SUPPLIER	DELIVERY STATUS	DELIV. DATE
G-1	3	Lightning Arrester, 9KV, intermediate, sky gray	6-25-76 1162	BELLEVILLE (3)	COMPLETE	7-29-76
G-2	1	Mounting Bracket, single Karm mounting for above 9KV L.A.'s.	"	BELLEVILLE (1)	COMPLETE	7-29-76
G-3	2	Base Plate, for double Karm mounting of above 9KV L.A.'s.	"	C-97607 (2) OHIO BRASS	COMPLETE	1-20-77

Form 1V4-12
4-64

BILL OF MATERIAL

AE-MAGI-91.10

DESCRIPTION

ILLINOIS POWER COMPANY
ENG NWN WO Nº 2540
SHEET Nº 1 B/MSEC L
LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	REQ DATE & No	PURCHASE ORDER No SUPPLIER	DELIVERY STATUS	DELIV. DATE
L-1	12'	Tube, Alum Bus, 1¼" IPS, std.	6-25-76 1165	MT. VERNON (12)	COMPLETE	8-24-76
L-2	46#	Wire, Copper, 500 MCM str., bare, MHD (30')	"	BELLEVILLE (46)	COMPLETE	7-29-76
L-3	12#	Wire, Copper, 2/0 sol., bare, SD (30')	"	MT. VERNON (12)	COMPLETE	8-24-76 (04)

Form 194-14
4-64

BILL OF MATERIAL

AE-MAG1-91.10

DESCRIPTION

ILLINOIS POWER COMPANY
ENG NWN W.O. NO 25401
SHEET NO 1 B/MSEC M
LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	REQ DATE & No	PURCHASE ORDER No SUPPLIER	DELIVERY DATE	DELIVERY REQ'D DATE
M-1	3	Connector, Tee, bronze, 500 MCM copper run, 2/0 copper tap	6-25-76 1164	HILLSBORO (1) BELLEVILLE (2) GRANITE CITY (2)		7-21-76 10-12-76
M-2	3	Connector, Tee, 1¼" IPS alum. run & tap	6-25-76 1163	CENTRALIA (3)	COMPLETE	8-16-76
M-3	3	Connector, Tee, 1½" IPS Alum. run to 4 hole flat pad	"	~~[illegible]~~ ~~[illegible]~~ Graybar (3)		
M-4	12	Lug, Terminal, bronze, 500 MCM copper to 4 hole	"	C-92704 (12) GRAYBAR ELEC.	COMPLETE	8-12-76
M-5	3	Connector, Stud, bronze, 1⅛"-12 to 4 hole pad	"	BELLEVILLE (3)	COMPLETE	7-29-76

BILL OF MATERIAL

AE-MAG1-91.10

DESCRIPTION

ILLINOIS POWER COMPANY

ENG NWN W O NO 25401

SHEET NO 1 B/MSEC N

LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	REQ DATE / P NO	PURCHASE ORDER NO / SUPPLIER	DELIVERY DATE	DELIVERY RECD
N-1	6	Insulator, Switch & Bus, 14½" high, 3" B.C.	6-25-76 1164	DRAKA (4) BUCHANAN (1) LA SALLE (1)	COMPLETE	8-3-76 7-26-76 8-5-76
N-2	3	Clamp, Bus Support, alum., 3" B.C., 1¼" alum. tubing.	"	CENTRALIA (3)	COMPLETE	8-16-76

Form 194-14
4-64

BILL OF MATERIAL

AE-MAG1-91.10

DESCRIPTION

ILLINOIS POWER COMPANY
ENG NWN W.O. Nº 25401
SHEET Nº 1 B/MSEC Q
LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	REQ DATE & No	PURCHASE ORDER No SUPPLIER	DELIVERY	
Q-1	3	Fuse Unit, 150 E amp., 69KV, type SMD-1A, std. TCC 153-1, S&C # 446150R1	6-25 76 1166	C-46258 S&C (3)		

Form 194-14
4-64

BILL OF MATERIAL

AE-MAG1-91.10

DESCRIPTION

ILLINOIS POWER COMPANY
ENG NWN WO Nº 25401
SHEET Nº 1 B/MSEC S
LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	REQ DATE / REQ Nº	PURCHASE ORDER Nº / SUPPLIER	UNIT PRICE	EXTENSION
S-1	4	Ground Clamp, one #2/0 copper to flat surface	10-25-76 1167			
S-2	2	Ground Clamp, two #2/0 copper to flat surface	"			

BILL OF MATERIAL

AE-MAGI-91.10

DESCRIPTION

ILLINOIS POWER COMPANY

ENG NWN W.C. NO 25401

SHEET NO 1 B/M SEC T

LOCATION Texas Sub.

STOCK CODE	QUAN	DESCRIPTION	RED DATE Z No	PURCHASE ORDER NO SUPPLIER	ELIVERY STATUS	ELIVERY REQ'D DATE
T-1	12	Bolt, Mach., galv., 5/8" x 1 1/2", hex. hd.	7-25-76 1168	GRANITE CITY (12)	COMPLETE	7-11-76
T-2	16	Bolt, Mach., galv., 5/8" x 3", hex. hd.	"	C-91937 (26) SLIGO OGN#1		
T-3	15	Bolt, Mach., galv., 1/2" x 1 1/4", hex. hd.	"	JACKSONVILLE (15)		
T-4	28	Bolt, Mach., galv., 1/2" x 1", hex. hd.	"	MT. VERNON (28)	COMPLETE	8-24-76
T-5	28	Washer, Lock, Spring, galv., 1/2"	"	BELLEVILLE (28)	COMPLETE	7
T-6	20	Washer, Bevel, galv., 5/8"	"	BELLEVILLE (20)	COMPLETE	7
T-7	26	Bolt, Mach., duronze, 1/2" x 1 1/2"	"	MT. VERNON (26)	COMPLETE	8-24-76
T-8	26	Nut, Duronze, 1/2"	"	BELLEVILLE (26)	COMPLETE	7-29-76
T-9	26	Washer, Round, Flat, duronze, 1/2"	"	GRANITE CITY (26)	COMPLETE	7-19-76
T-10	12	Bolt, Mach., S.S., 1/2" x 1 1/2", hex. hd.	"	C-91937 (12) SLIGO		
T-11	12	Nut, Hex, 1/2" S.S.	"	C-91937 (12) SLIGO		
T-12	12	Washer, Belleville, S.S., 1/2"	"	C-91936 (12) KEY BELLEVILLE	(15) COMPLETE	8-10-76

I.P.C. BILL OF MATERIAL INDEX AE-MAG 1 - 91.9

W.O. No. 25334 PROJECT Texas Substation DATE _____
ENGR. AAJ REV. _____

B/M SECTION	DESCRIPTION
A	(Future)
B	(Future)
C	Storage Battery, Charger, & Battery Rack
D	Transformers (Power, Dist., Instr.), Reactors, Regulators & Power Capacitors
E	Meters & Metering Devices (Surface & Panel Mounted)
F	Relays, Switchboard Accessories (Lamps, Switches, T-Blocks,etc)& Swbd Panels
G	Lightning Arrester & Mountings
H	Alarm & Signal Equipment
I	(Future)
J	(Future)
K	Insulated Power & Control Cable
L	Bare Wire, Cable, and Bus (Copper & Aluminum)
M	Conductor Fittings - Wire, Cable, Bus, Stud, etc.
N	Insulators (All Types) & Insulator Hardware
O	(Future)
P	Conduit & Fittings
Q	Switches, Fuses, Mountings, Circuit Breakers, Reclosers (Over 600V)
R	Lighting & Station Service Equipment (600V & Under) AC & DC
S	Grounding System (Including Conductor)
T	Miscellaneous
U	Carrier Current & Pilot Wire Equipment
V	Structures and Structural Material
W	Special Equipment Ordered By Others
X	Contracts
Y	(Future)
	ABBREVIATED DESCRIPTION IS USED ON B/M RECORD. REFER TO REQUISITION FOR
	DETAILS OF DESCRIPTION AND USE.

AE-M-95.417

Form 194-14
4-64

BILL OF MATERIAL

AE-MAG1-91.9

DESCRIPTION

ILLINOIS POWER COMPANY
ENG. A&T W.O. Nº 25334
SHEET Nº B/MSEC D
LOCATION Texas Sub.

STOCK CODE	QUAN.	DESCRIPTION	REQ. DATE & No.	PURCHASE ORDER No. SUPPLIER	DELIVERY STATUS	DELIVERY REC'D DATE
D-1	48	Capacitor unit, 100 KVAR, 1 bushing single phase, 69 KV	5-2675 1115	C-62891 GE	Capac	12-18-75
D-2	48	Capacitor fuse cutouts (bus-bar-mounted) for above units complete w/ 20 T ampere fuse links	"	"	clips fuse links	12-18-75 12-19-75
D-3	1	Transformer, Current, 5 kV, 60kV BIL, 25/5 amp ratio, GE type JKW-3, cat. # 693X74	2-1201 7/7/76		COMPLETE	9-28-76

Form 194-14
4-64

BILL OF MATERIAL

AE-MAG1-91.9

DESCRIPTION

ILLINOIS POWER COMPANY
ENG AAJ W.O Nº 25234
SHEET Nº 1 B/MSEC E
LOCATION Magnolia Texas Sub.

STOCK CODE	QUAN.	DESCRIPTION	REQ. DATE # No.	PURCHASE ORDER No. SUPPLIER	DELIVERY STATUS	DELIVERY REC'D DATE
E-1	1	Switch, Time, 10 Amp., 120 Volt, 60 cycle, type AW, SPDT, w/Thermistatic override, Sangamo spec. S-5676 # 55945	4-13-76 712	GALESBURG	COMPLETE	6-8-76

Form 194-14
4-64

BILL OF MATERIAL

AE-MAGI-91.9

DESCRIPTION

ILLINOIS POWER COMPANY
ENG AHJ W.O Nº 25324
SHEET Nº 1 B/MSEC P
LOCATION Magnolia Texas

STOCK CODE	QUAN.	DESCRIPTION	REQ. DATE & No.	PURCHASE ORDER No SUPPLIER	DELIVERY STATUS	DELIVERY REC'D DATE
P-1	1	Pipe plug, galv. 1¼"	4-23-74 712	Jacksonville		5-22-74

Form 194-14
4-64

BILL OF MATERIAL

AE-MAG1-969

DESCRIPTION

ILLINOIS POWER COMPANY
ENG. AAJ W.O. No 25334
SHEET No _____ B/MSEC Q
LOCATION Texas Sub.

STOCK CODE	QUAN.	DESCRIPTION	REQ. DATE & No.	PURCHASE ORDER No. SUPPLIER	DELIVERY STATUS	DELIVERY REC'D DATE
Q-1	6	Fuse unit, 69 KV, Std. TCC 153-1 125 E Amp., S&C # 446125R1 Type SMD-1A	5-26-75 1114	C-61462 S&C Electric	August	8-13-75

FORM 412

ILLINOIS POWER CO.
TEXAS OIL SUBSTATION

ITEM GROUP: S1

S/N ITEM NO.	DESCRIPTION	QUANTITIES ON DRAWINGS	QUANTITY TOTAL ON DWGS	QUANTITY EST TOTAL	QUANTITY TOTAL ON ORDER	ORDER NUMBER	ORDER SUPP	ORDER ITEM	ORDER QUANTITY
S1-1	Lightning Arresters, station type to be used for grounded neutral 69KV system for use at 0-6000 Ft altitude. Complete with connector for #4/0 Awg ACSR cable to be spaced 7'-0"	3	3		3	NY-76716		1	3
	Similar to GE Thyrite type Cat. No. SLA1834								
S1-2	Lightning Arresters station type to be used for grounded neutral 12.97KV system for use at 0-6000 Ft altitude complete with connector for #1/0 to 350 Mcm cable. To be spaced 3'-0".	12	12		12	NY-76716		2	12
	Similar to GE Thyrite type Cat. No. SLA1319								

PREPARED BY: WS
CHECKED BY: JDB
APPROVED: [illegible]

NO	DATE	REVISION	CH	APP

BILL OF MATERIAL
EBASCO SERVICES INCORPORATED
NEW YORK

ELECT. SECT.
SHEET NO. 35
DATE 7-10-52

FORM 912

ILLINOIS POWER CO
TEXAS OIL SUBSTATION

ITEM GROUP: P13

O/M ITEM NO.	DESCRIPTION	QUANTITIES ON DRAWINGS	QUANTITY TOTAL ON DRGS	QUANTITY EST TOTAL	QUANTITY TOTAL ON ORDER	ORDER NUMBER	ORDER SUPP	ORDER ITEM	ORDER QUANTITY
P13-1	2"-1"-2" Type T condulet with cast faraday cover Similar to CH Cat. No. T637	2	2		2	NY76721		11	2
P13-2	2"-2"-2" Type TB condulet with cast faraday cover Similar to CH Cat. No. TB67	4	4		4	NY76721		12	4
P13-3	2" Type LB condulet with cast faraday cover Similar to CH Cat. No. LB67	4	4		4	NY76721		9	4
P13-4	2" Type LL condulet with cast faraday cover Similar to CH Cat. No. LL67	1	1		1	NY76721		10	1
P13-5	2" Type LB condulet with cast faraday cover Similar to CH Cat No. LB67	2	2		2	NY76721		8	2
P13-6	2" Type E condulet Similar to CH Cat No. E67	1	1		1	NY76721		13	1
P13-7	2" composition wire hole cover to accommodate 2 c/m #9 Awg insulated cable approx. OD 0.850".	1	1			IAC Stores			

PREPARED BY: WS
CHECKED BY: JDB
APPROVED: [illegible]

NO	DATE	REVISION	CK	APP

BILL OF MATERIAL
EBASCO SERVICES INCORPORATED
NEW YORK

ELECT. SECT.
SHEET NO. 26
DATE 7-21-52

FORM 512

ILLINOIS POWER CO.
TEXAS OIL SUBSTATION

ITEM GROUP: F4

S/N ITEM NO.	DESCRIPTION	QUANTITIES ON DRAWINGS	QUANTITY			ORDER		
		C-6340-2	TOTAL ON DWGS	FIRST TOTAL	TOTAL ON ORDER	NUMBER	ITEM	[illegible]
F4-1	Disconnect switch - 15KV 1200 ampere, single pole, single throw, vertically mounted, hook stick operated complete with hinge connector for 2/0 Awg stranded copper cable and jaw connector for 1-1/2" Spe aluminum tubing Delta-Star Type B-2K	6	6		6	[illegible]76703	5	6
F4-2	Disconnect switch - 15KV 600 ampere, single pole single throw, vertically mounted, hook stick operated complete with hinge connector for 2/0 Awg stranded copper cable and jaw connector 1-1/2" Spe aluminum tubing Delta-Star Type B-2K	6	6		6	[illegible]76703	6	6

PREPARED BY: WB
CHECKED BY: JDE
APPROVED: [illegible]

NO	DATE	REVISION	CH	APP

BILL OF MATERIAL
EBASCO SERVICES INCORPORATED
NEW YORK

ELECT. SECT.
SHEET NO 8
DATE 6-30-52
[illegible]

FORM 512

ILLINOIS POWER CO.
TEXAS OIL SUBSTATION

ITEM GROUP: F3

B/M ITEM NO.	DESCRIPTION	QUANTITIES ON DRAWINGS	QUANTITY TOTAL ON THIS	QUANTITY EXT TOTAL	QUANTITY TOTAL ON THIS M B	CODES
F3-1	Air Break switch - outdoor type, 69KV, 600A, 3 Pole single throw, vertical break horizontally mounted, manually gang operated complete with hinge connector for 1-1/2" SPS alum. tub tubing and jaw connector for No 4/0 ACSR Awg cable I S type MK-40 Cat No. 400371		1		M76703	1 1
F3-2	Air break switch - outdoor type 15KV, 1200A 3 pole single throw vertical break, horizontally mounted manual gang operated complete with hinge and jaw connectors for 1-1/2" spe aluminum tubing DB type MK-40 Cat No. 400312	2	2		M76703	1 2
F3-3	Air break switch - outdoor type 15KV 600 amp 3 pole single throw vertical break horizontally mounted manual gang operated. Complete with hinge connector for 1-1/2" spe aluminum tubing and jaw connector for 1/0 Awg stranded copper cable Delta - star Type MK-40 Cat. No. 400311	2	2		M76703	1 2
F3-4	Air break switch - outdoor type 15KV 600 amp 3 pole single throw vertically mounted manual gang operated complete with hinge connector for 2/0 Awg stranded copper cable and jaw connector for 1/0 Awg stranded copper cable Delta-Star type MK-40 Cat. No. 400411	2	2		M76703	1 2
F3-5	Air break switch - outdoor type 15KV, 600 Amp 3 pole single throw, vertical, break, horizontally mounted manual gang operated complete with hinge connector for 1" SPS alum. tubing and jaw connector for 1/0 Awg stranded copper cable Delta-Star type MK-40 Cat No 400411	1	1		M76703	1 1

PREPARED BY: WS
CHECKED BY: JDB
APPROVED BY:

NO	DATE	REVISION	CH	APP

BILL OF MATERIAL
EBASCO SERVICES INCORPORATED
NEW YORK

ELECT. SECT. DATE 6-30-52
SHEET NO. 7

AE-MAB-512

FORM 512

ILLINOIS POWER CO
TEXAS OIL SUBSTATION

ITEM GROUP: F1

B/M ITEM NO.	DESCRIPTION	QUANTITIES ON DRAWINGS	QUANTITY			SHIPPED			
		SC-9348-1	TOTAL ON ORDS	EST TOTAL	TOTAL ON ORDER	NUMBER	SUF	ITEM	QUANTITY
F1-1	Oil Circuit Breaker - 14.4 KV 1200 ampere 3 pole single throw 250 MVA Solenoid Rectifier close, capacitor trip frame mounted outdoor with 6 (1200-5) multi-ratio type current transformers. Bushings shall be equipped with a vertical connector for 2/0 Awg stranded copper cable.	1	3		1	BK76702		2	1
F1-2	Oil circuit breaker - 14.4 KV 600 ampere 3 pole single throw 250 MVA solenoid rectifier close capacitor trip frame mounted outdoor with 3 (600-5) multi-ratio type current transformers. Bushings shall be equipped with a vertical connector for 2/0 stranded copper cable.	2	2		2	BK76702		1	2

DRAWN BY: WS
CHECKED BY: JDB
APPROVED:

NO	DATE	REVISION	CH	APP

BILL OF MATERIAL
EBASCO SERVICES INCORPORATED
NEW YORK

ELECT. SECT.
SHEET NO. 6

FORM 512

ILLINOIS POWER CO.
TEXAS OIL SUBSTATION

ITEM GROUP: E2

B/M ITEM NO.	DESCRIPTION	QUANTITIES ON DRAWINGS C-6340-1	QUANTITY TOTAL ON DWGS	QUANTITY 1ST TOTAL	QUANTITY TOTAL ON ORDER	ORDER NUMBER	ORDER [illegible]	ORDER ITEM	ORDER QUANTITY
E2-1	Voltage Feeder Regulator Station type, outdoor, oil immersed, self cooled, 3φ, 60 cycle, 13, 800 volt (with 12,470 volt tap for controls and motor), 375 KVA 157 amperes, Complete with clamp type terminals for No. 2/0 Awg stranded copper cable, copper grounding pad, position indicator, oil, oil gage, filter press connections at top and bottom of tank and weatherproof control cabinet containing control devices and voltage regulating equipment	2	2		2	NI76701		1	2

PREPARED BY: [illegible]
CHECKED BY: JDB
APPROVED: FPA
[illegible]

NO	DATE	REVISION	CK	APP

BILL OF MATERIAL
EBASCO SERVICES INCORPORATED
NEW YORK

ELECT. SECT.
SHEET NO. 5
DATE 7-10-5[illegible]

AE-[illegible]