500 KV BUS 2 - SECTION 1
500 KV BUS 2 - SECTION 2
500 KV BUS 1 - SECTION 1
500 KV BUS 1 - SECTION 2
WEST POINT
MADISON 1
TRINITY 1
MAURY
UNION
LIMESTONE
TRINITY 2 TRICO
SHUNT REACTOR
MAIN XFMR UNIT 1
MAIN XFMR UNIT 2
MAIN XFMR UNIT 3
GEN 1
GEN 2
GEN 3
CAP BANK NO.1
CAP BANK NO.2
NO/AUTO
ATHENS 161 KV
TRINITY 161 KV
161KV BUS 2
161KV BUS 1
CSST A
CSST B
START BD 1
START BD 2
USST 1B
USST 1A
USST 2B
USST 2A
USST 3B
USST 3A
RECIRC BD 1
RECIRC BD 2
RECIRC BD 3
START BUS 1A
START BUS 1B
START BUS 2A
START BUS 2B
4KV UB 1A
4KV UB 1B
4KV UB 1C
4KV COM BD A
4KV UB 2A
4KV UB 2B
4KV UB 2C
4KV COM BD B
4KV UB 3A
4KV UB 3B
4KV UB 3C
480V UB 1A
480V UB 1B
480V UB 2A
480V UB 2B
480V UB 3A
480V UB 3B
TU1A
TU1B
TEA
TU2A
TU2B
TEB
TU3A
TU3B
RECIRC VFD 1A
RECIRC VFD 1B
RECIRC VFD 2A
RECIRC VFD 2B
RECIRC VFD 3A
RECIRC VFD 3B
SD BUS 1
SD BUS 2
(ON 4KV SD BD A)
(ON 4KV SD BD B)
(ON 4KV SD BD C)
(ON 4KV SD BD D)
4KV SD BD A
4KV SD BD B
4KV SD BD C
4KV SD BD D
4KV SD BD 3EA
4KV SD BD 3EB
4KV SD BD 3EC
4KV SD BD 3ED
4KV BUS TIE BD
TS1A
TS1E
TS1B
TS2A
TS2E
TS2B
TS3A
TS3E
TS3B
TSG1A
THB
480V SD BD 1A
480V SD BD 1B
480V SD BD 2A
480V SD BD 2B
480V SD BD 3A
480V SD BD 3B
480V SGT BD
480V HVAC BD B
SBGT C
480V RMOV BD 1A
480V RMOV BD 1B
480V RMOV BD 1C
480V RMOV BD 2A
480V RMOV BD 2B
480V RMOV BD 2C
480V RMOV BD 2D
480V RMOV BD 2E
480V RMOV BD 3A
480V RMOV BD 3B
480V RMOV BD 3C
480V RMOV BD 3D
480V RMOV BD 3E
480V CONT BAY VENT BD A
480V COM BD 1 BUS B
480V DSL AUX BD 3EA
480V DSL AUX BD 3EB
480V COM BD 3 BUS A
480V CONT BAY VENT BD B
TDA
TDB
TDE
480V DSL AUX BD A
480V DSL AUX BD B
SBGT A
SBGT B
I&C BUS 1A
I&C BUS 1B
I&C BUS 2A
I&C BUS 2B
I&C BUS 3A
I&C BUS 3B
UP MMG AC FEED
(ON CT SWGR A)
COOLING TOWER XFMR 2
COOLING TOWER XFMR 1
TRINITY
ATHENS
CT SWGR A
CT SWGR B
CT SWGR C
CT SWGR D
NORTH AND SOUTH ADMIN BUILDING
CONSTRUCTION LINE POWER
POLE SWITCH XS-S-1
POLE SWITCH XS-N-1
POLE SWITCH 1 XS-NS-0
SOUTH LOOP LINE POWER
NORTH LOOP LINE POWER
2DN
2DA
2EA
2EN
3DN
3DA
3EA
3EN

REFERENCE DRAWINGS

0-15E500-1	0-45E710-1
0-15W500-2	0-45E710-2
3-15E500-3	0-45E710-4
0-45N500	0-45E710-5
0-45E506	

LEGEND

WIDE LINES (▬▬) NOR FEED, DOTTED LINE (• • • •) ALT FEED

- 500 KV SYSTEM
- 161 KV SYSTEM
- 22 KV MAIN GENERATOR
- 4KV NON-DIVISIONAL
- 4KV START BUS 1A
- 4KV START BUS 1B OR 4KV & 480V DIV I
- 4KV START BUS 2A OR 4KV & 480V DIV II
- 4KV START BUS 2B OR 480V NON-DIVISIONAL

INFORMATION ONLY

PAGE 1 OF 1

ELECTRICAL DISTRIBUTION SYSTEM

UNIT 0
BROWNS FERRY
NUCLEAR PLANT

PIP-02-03 REVISION 03/10/08

D-01X