PANEL B2EA

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 100 A 10000 A.I.C.
PANEL B2EA
[ ] - LTG. [X] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /
100 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

CKT. NO.	TRIP	NO. OF POLES	USED FOR	COL. #1 VOLT - AMPS A	B	C	COL. #2 VOLT - AMPS A	B	C	USED FOR	NO. OF POLES	TRIP	CKT. NO.
1	20	1	ELEVATOR F4 PIT LTG/RECEPT	300						SPARE	1	20	2
3	20	1	ELEVATOR P1 PIT LTG/RECEPT		300					SPARE	1	20	4
5	20	1	ELEVATOR P2 PIT LTG/RECEPT			300				SPARE	1	20	6
7	20	1	ELEVATOR P3 PIT LTG/RECEPT	300						SPARE	1	20	8
9	20	1	ELEVATOR P4 PIT LTG/RECEPT		300					SPARE	1	20	10
11	20	1	SPARE							SPARE	1	20	12
13	20	1	SPARE							SPARE	1	20	14
15	20	1	SPARE							SPARE	1	20	16
17	20	1	SPARE							SPARE	1	20	18
19			SPACE							SPACE			20
21			SPACE							SPACE			22
23			SPACE							SPACE			24
25			SPACE							SPACE			26
27			SPACE							SPACE			28
29			SPACE							SPACE			30
31													32
33													34
35													36
37													38
39													40
41													42

	A	B	C
PHASE TOTALS COL. #1	600	600	300
PHASE TOTALS COL. #2	0	0	0
PHASE TOTAL VA	600	600	300

TOTAL 3 PHASE CONNECTED 2 KVA 4 AMPS

file: panelsch_149_2a 2b

PANEL 1E1A

SUPPLY: [ ] - BOTT. [ ] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 100 A 10000 A.I.C.
PANEL 1E1A
[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /
60 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

CKT. NO.	TRIP	NO. OF POLES	USED FOR	COL. #1 VOLT - AMPS A	B	C	COL. #2 VOLT - AMPS A	B	C	USED FOR	NO. OF POLES	TRIP	CKT. NO.
1	20	1	SPARE							SPARE	1	20	2
3	20	1	SPARE							SPARE	1	20	4
5	20		SPARE							SPARE	1	20	6
7	20	1	SPARE							SPARE	1	20	8
9	20	1	SPARE							SPARE	1	20	10
11			SPARE							SPACE			12
13			SPARE							SPACE			14
15			SPARE							SPACE			16
17			SPARE							SPACE			18
19			SPARE							SPACE			20
21			SPARE							SPACE			22
23			SPARE							SPACE			24
25			SPARE							SPACE			26
27			SPARE							SPACE			28
29			SPARE							SPACE			30
31													32
33													34
35													36
37													38
39													40
41													42

	A	B	C
PHASE TOTALS COL. #1	0	0	0
PHASE TOTALS COL. #2	0	0	0
PHASE TOTAL VA	0	0	0

TOTAL 3 PHASE CONNECTED 0 KVA 0 AMPS

file: panelsch_150_2a 2b

PANEL 1UPS1B

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 100 A 10000 A.I.C.
PANEL 1UPS1B
[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /
60 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

CKT. NO.	TRIP	NO. OF POLES	USED FOR	COL. #1 VOLT - AMPS A	B	C	COL. #2 VOLT - AMPS A	B	C	USED FOR	NO. OF POLES	TRIP	CKT. NO.
1	20	1	SPARE							SPARE	20	1	2
3	20	1	SPARE							SPARE	20	1	4
5	20	1	SPARE							SPARE	20	1	6
7	20	1	SPARE							SPARE	20	1	8
9	20	1	SPARE							SPARE	20	1	10
11	20	1	SPARE							SPARE	20	1	12
13	20	1	SPARE							SPARE	20	1	14
15	20	1	SPARE							SPARE	20	1	16
17	20	1	SPARE							SPARE	20	1	18
19	20	1	SPARE							SPARE	20	1	20
21			SPACE							SPACE			22
23			SPACE							SPACE			24
25			SPACE							SPACE			26
27			SPACE							SPACE			28
29			SPACE							SPACE			30
31													32
33													34
35													36
37													38
39													40
41													42

	A	B	C
PHASE TOTALS COL. #1	0	0	0
PHASE TOTALS COL. #2	0	0	0
PHASE TOTAL VA	0	0	0

TOTAL 3 PHASE CONNECTED 0 KVA 0 AMPS

file: panelsch_153_2b

PANEL 1UPS1A

SPARE
SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 100 A 10000 A.I.C.
PANEL 1UPS1A
[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /
60 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

CKT. NO.	TRIP	NO. OF POLES	USED FOR	COL. #1 VOLT - AMPS A	B	C	COL. #2 VOLT - AMPS A	B	C	USED FOR	NO. OF POLES	TRIP	CKT. NO.
1	20	1	SPARE							SPARE	20	1	2
3	20	1	SPARE							SPARE	20	1	4
5	20	1	SPARE							SPARE	20	1	6
7	20	1	SPARE							SPARE	20	1	8
9	20	1	SPARE							SPARE	20	1	10
11	20	1	SPARE							SPARE	20	1	12
13	20	1	SPARE							SPARE	20	1	14
15	20	1	SPARE							SPARE	20	1	16
17	20	1	SPARE							SPARE	20	1	18
19	20	1	SPARE							SPARE	20	1	20
21			SPACE							SPACE			22
23			SPACE							SPACE			24
25			SPACE							SPACE			26
27			SPACE							SPACE			28
29			SPACE							SPACE			30
31													32
33													34
35													36
37													38
39													40
41													42

	A	B	C
PHASE TOTALS COL. #1	0	0	0
PHASE TOTALS COL. #2	0	0	0
PHASE TOTAL VA	0	0	0

TOTAL 3 PHASE CONNECTED 0 KVA 0 AMPS

file: panelsch_155_2a 2b

PANEL B2UPS1

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 225 A 10000 A.I.C.
PANEL B2UPS1
[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /
175 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

CKT. NO.	TRIP	NO. OF POLES	USED FOR	COL. #1 VOLT - AMPS A	B	C	COL. #2 VOLT - AMPS A	B	C	USED FOR	NO. OF POLES	TRIP	CKT. NO.
1	20	1	SPARE							SPARE	1	20	2
3	20	1	SPARE							SPARE	1	20	4
5	20	1	SPARE							SPARE	1	20	6
7	20	1	SPARE							SPARE	1	20	8
9	20	1	SPARE							SPARE	1	20	10
11	20	1	SPARE							SPARE	1	20	12
13	20	1	SPARE							SPARE	1	20	14
15	20	1	SPARE							SPARE	1	20	16
17	20	1	SPARE							SPARE	1	20	18
19	20	1	SPARE							SPARE	1	20	20
21			SPACE							SPACE			22
23			SPACE							SPACE			24
25			SPACE							SPACE			26
27			SPACE							SPACE			28
29			SPACE							SPACE			30
31			SPACE							SPACE			32
33			SPACE							SPACE			34
35			SPACE							SPACE			36
37			SPACE							SPACE			38
39			SPACE							SPACE			40
41			SPACE							SPACE			42

	A	B	C
PHASE TOTALS COL. #1	0	0	0
PHASE TOTALS COL. #2	0	0	0
PHASE TOTAL VA	0	0	0

TOTAL 3 PHASE CONNECTED 0 KVA 0 AMPS

file: panelsch_161_2b

PANEL B1UPSDPA

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 225 A 10000 A.I.C.
PANEL B1UPSDPA
[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /
175 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

CKT. NO.	TRIP	NO. OF POLES	USED FOR	COL. #1 VOLT - AMPS A	B	C	COL. #2 VOLT - AMPS A	B	C	USED FOR	NO. OF POLES	TRIP	CKT. NO.
1													2
3	60	3	1UPS1A							1UPS1B	60	3	4
5													6
7			SPARE							SPACE			8
9	60	3								SPACE			10
11										SPACE			12
13			SPACE							SPACE			14
15			SPACE							SPACE			16
17			SPACE							SPACE			18
19			SPACE							SPACE			20
21			SPACE							SPACE			22
23			SPACE							SPACE			24
25			SPACE							SPACE			26
27			SPACE							SPACE			28
29			SPACE							SPACE			30
31			SPACE							SPACE			32
33			SPACE							SPACE			34
35			SPACE							SPACE			36
37			SPACE							SPACE			38
39			SPACE							SPACE			40
41			SPACE							SPACE			42

	A	B	C
PHASE TOTALS COL. #1	0	0	0
PHASE TOTALS COL. #2	0	0	0
PHASE TOTAL VA	0	0	0

TOTAL 3 PHASE CONNECTED 0 KVA 0 AMPS

file: panelsch_162_2b

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THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 4
ENGINEERING PROCEDURE SNS-ENG-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
0				CERTIFIED FOR CONSTRUCTION – 05/15/2001	DD	RL			[signature]	10/1/01	[signature]	8/21/01			[signature]	10/9/01	VGS	106009	5/15/01

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

SQUAD CHECK

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
SC	AW	BS	RL	BS	BJ	--	BS	--	WS

RPE: VICTOR G. STEFFEY, REGISTERED ENGINEER, AGRICULTURE COMMERCE, No. 00106009, STATE OF TENNESSEE, 5-10-01

REV. 0 DATE 5-10-01

DRAWING APPROVALS

DSN	D.DANIELSON	5/15/01
DRW	S. BARNETT	5/15/01
CHK	R.LENNIG	5/15/01
DEPT		
PE	[signature]	10/1/01
PJ	[signature]	8/21/01
REQ		
UTB	[signature]	10/9/01

108031400-E8E-8600-A162

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U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC, Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING PANEL SCHEDULES

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8600		1	1	S	U
51 NC	52 NA			53	WBS 1.8.3.14		E9.21.59			REV 0

NEXT ASS'Y — FINAL ASS'Y

AutoCAD

Date: 05/08/2001 Time: 16:55:15
Username: SANDHUA
PHX-F_VOL2:PROJECTS\7000\700_CADD\TASK_28\740_PLOT\E9-21-59.DWG