PANEL 5EDA

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [X] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 100 A 42000 A.I.C.

PANEL 5EDA

60 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

[X] - LTG. [ ] - RECEPT. [ ] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [ ] -120 / 208 [X] -277 / 480 [ ] 480 /

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				5000						SPACE			2
3	25	3	TRANSFORMER 5ETA		5000					SPACE			4
5			15KVA			5000				SPACE			6
7			SPACE							SPACE			8
9			SPACE							SPACE			10
11			SPACE							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													32
33													34
35													36
37													38
39													40
41													42

	A	B	C
PHASE TOTALS COL. #1	5000	5000	5000
PHASE TOTALS COL. #2	0	0	0
PHASE TOTAL VA	5000	5000	5000

TOTAL 3 PHASE CONNECTED 15 KVA 18 AMPS

file panelsch_15_2b

PANEL B1DPA

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 400 A 22000 A.I.C.

PANEL B1DPA

400 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [ ] -120 / 208 [X] -277 / 480 [X] 480 /

MAGNET SHOP

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				544			286						2
3	20	3	TRASH COMPACTOR		544			286		OVERHEAD ROLL-UP DOOR	3	20	4
5						544			286				6
7				286			286						8
9	20	3	OVERHEAD ROLL-UP DOOR		286			286		OVERHEAD ROLL-UP DOOR	3	20	10
11						286			286				12
13				286			286						14
15	20	3	OVERHEAD ROLL-UP DOOR		286			286		OVERHEAD ROLL-UP DOOR	3	20	16
17						286			286				18
19				286			286						20
21	20	3	OVERHEAD ROLL-UP DOOR		286			286		TRUCK DOCK LEVELLER	3	20	22
23						286			286				24
25				286			286						26
27	20	3	TRUCK DOCK LEVELLER		286			286		TRUCK DOCK LEVELLER	3	20	28
29						286			286				30
31				21300									32
33	100	3	ELEVATOR F-4		21300					SPARE	3	60	34
35			60 HP			21300							36
37													38
39										SPARE	3	30	40
41													42

	A	B	C
PHASE TOTALS COL. #1	22988	22988	22988
PHASE TOTALS COL. #2	1430	1430	1430
PHASE TOTAL VA	24418	24418	24418

TOTAL 3 PHASE CONNECTED 73 KVA 88 AMPS

file: panelsch_157_2b

PANEL B1EA

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 100 A 10000 A.I.C.

PANEL B1EA

50 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /

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 CAB LTG	300						SPARE	1	20	2
3	20	1	SPACE							SPARE	1	20	4
5	20	1	SPACE							SPARE	1	20	6
7	20	1	SPACE							SPARE	1	20	8
9	20	1	SPACE							SPARE	1	20	10
11			SPACE							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													32
33													34
35													36
37													38
39													40
41													42

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

TOTAL 3 PHASE CONNECTED 0 KVA 0 AMPS

file panelsch_164_2b

PANEL 1DPA

SUPPLY: [ ] - BOTT. [ ] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 400 A ______ A.I.C.

PANEL 1DPA

350 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [ ] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] /

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				25600			3466						2
3	200	3	AUDITORIUM CONTROL		25600			3466		1R2B	3	100	4
5			LIGHTING			25600			3466				6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

	A	B	C
PHASE TOTALS COL. #1	25600	25600	25600
PHASE TOTALS COL. #2	3466	3466	3466
PHASE TOTAL VA	29066	29066	29066

TOTAL 3 PHASE CONNECTED 87 KVA 242 AMPS

file: panelsch_165_2b 2b

PANEL 3LABDPA

SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [X] -MAIN BKR.
TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR
MAINS: 800 A 22000 A.I.C.

PANEL 3LABDPA

600 A. MAIN BKR. WITH: [ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

[ ] - LTG. [ ] - RECEPT. [X] -POWER NEMA 1
MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN
VOLTAGE: [ ] -120 / 208 [X] -277 / 480 [ ] 480 /

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				50000									2
3	225	3	TRANSFORMER 3LABT1		50000								4
5			150KVA			50000							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37							55000						38
39								55000		LAB BUS DUCT C	3	400	40
41									55000				42

	A	B	C
PHASE TOTALS COL. #1	50000	50000	50000
PHASE TOTALS COL. #2	55000	55000	55000
PHASE TOTAL VA	105000	105000	105000

TOTAL 3 PHASE CONNECTED 315 KVA 379 AMPS

file panelsch_5_2c

ALL WORK WITHIN THIS AREA IS PART OF ALTERNATE BID 1A

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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	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1				CERTIFIED FOR CONSTRUCTION - 12/20/01	DD	RL			[signature]	12/01	[signature]	12/01			[signature]	12/26/01	VGS	106009	12/20/01	RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED
0	-	-	-	CERTIFIED FOR CONSTRUCTION - 05/15/2001	DD	RL			CLG	10/1/01	JS	08/21/01			JRL	10/8/01	VGS	106009	5/15/01	SC	AW	WRS	RL	WRS	BWJ	--	WRS	--	WAS

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: VICTOR G. STEFFEY, REGISTERED ENGINEER, AGRICULTURE, COMMERCE, No. 00106009, STATE OF TENNESSEE — 12-17-01
REV. 1 DATE 12-17-01

DRAWING APPROVALS		
DSN	D.DANIELSON	5/15/01
DRW	S. BARNETT	5/15/01
CHK	R.LENNIG	5/15/01
DEPT		
PE	C.GARREN	10/1/01
PJ	J. STELLERN	8/21/01
REQ		
UTB	J.LAWSON	10/8/01

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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	52	53	WBS	DWG	REV
NC	NA		1.8.3.14	E9.21.41	1

Date: 05/08/2001 Time: 15:57:12
Username: GARCIAG
PHX-F_VOL2:PROJECTS\7000\700_CADD\TASK_28\740_PLOT\E9-21-41.DWG