FEEDER SCHEDULE

TAG	QTY	COND	CONDUCTORS	TYPE OR INSUL	FROM	TO	COMMENTS
P0001	1	5"	3-350MCM	EPR	SWGR - B	1.5	RADIAL 1
P0002	1	5"	3-350MCM	EPR	1.5	1.4	RADIAL 1
P0003	1	5"	3-350MCM	EPR	1.4	1.3	RADIAL 1
P0004	1	5"	3-350MCM	EPR	1.3	1.2	RADIAL 1
P0005	1	5"	3-350MCM	EPR	1.2	1.1	RADIAL 1
P0006							
P0007							
P0008	1	5"	3-350MCM	EPR	SWGR - B	2.5	RADIAL 2
P0009	1	5"	3-350MCM	EPR	2.5	2.4	RADIAL 2
P0010	1	5"	3-350MCM	EPR	2.4	2.3	RADIAL 2
P0011	1	5"	3-350MCM	EPR	2.3	2.2	RADIAL 2
P0012	1	5"	3-350MCM	EPR	2.2	2.1	RADIAL 2
P0013	1	5"	3-350MCM	EPR	SWGR - B	3.5	RADIAL 3
P0014	1	5"	3-350MCM	EPR	3.5	3.4	RADIAL 3
P0015	1	5"	3-350MCM	EPR	3.4	3.3	RADIAL 3
P0016	1	5"	3-350MCM	EPR	3.3	3.2	RADIAL 3
P0017	1	5"	3-350MCM	EPR	3.2	3.1	RADIAL 3
P0018							
P0019							
P0020	2	5"	3-350MCM	EPR	SWGR - A	5.1	RADIAL 5
P0021	2	5"	3-350MCM	EPR	5.1	4.2	RADIAL 4
P0022	2	5"	3-350MCM	EPR	4.2	4.1	RADIAL 4
P0023	2	5"	3-350MCM	EPR	4.1	SWGR - B	RADIAL 4
P0024	1	5"	3-350MCM	EPR	SWGR - B	6.1	RADIAL 6
P0025							
P0026	1	5"	3-350MCM	EPR	SWGR - A	7.4	RADIAL 7
P0027	1	5"	3-350MCM	EPR	7.4	7.3	RADIAL 7
P0028	1	5"	3-350MCM	EPR	7.3	7.2	RADIAL 7
P0029	1	5"	3-350MCM	EPR	7.2	7.1	RADIAL 7
P0030							
P0031	1	5"	3-350MCM	EPR	SWGR - A	8.1	RADIAL 8 (SPLLICE IN M20)
P0032	1	5"	3-350MCM	EPR	SWGR - A	8.2	RADIAL 8(SPLICE IN M80)FUTURE
P0033	1	5"	3-350MCM	EPR	SWGR - A	8.3	RADIAL 8 (SPLICE IN M20)
P0034							
P0035	1	5"	3-350MCM	EPR	SWGR - A	9.1	RADIAL 9
P0036	1	5"	3-350MCM	EPR	9.1	9.2	RADIAL 9
P0037	1	5"	3-350MCM	EPR	SWGR - A	10.2	RADIAL 10
P0038	1	5"	3-350MCM	EPR	10.3	10.1	RADIAL 10 FUTURE PULL
P0039	1	5"	3-350MCM	EPR	10.2	10.3	RADIAL 10
P0040	1	5"	3-350MCM	EPR	10.3	10.4	RADIAL 10
P0041	1	5"	3-350MCM	EPR	SWGR - A	11.1	RADIAL 11
P0042	1	5"	3-350MCM	EPR	11.1	11.2	RADIAL 11
P0043	1	5"	3-350MCM	EPR	11.2	11.3	RADIAL 11
P0044							
P0045	1	5"	3-350MCM	EPR	SWGR - A	12.1	RADIAL 12
P0046	1	5"	3-350MCM	EPR	12.1	12.4	RADIAL 12
P0047	1	5"	3-350MCM	EPR	12.4	12.3	RADIAL 12
P0048	1	5"	3-350MCM	EPR	12.1	12.2	RADIAL 12 FUTURE PULL
P0049	1	5"	3-350MCM	EPR	11.3	11.4	RADIAL 11
P0050	1	5"	3-350MCM	EPR	SWGR - A	13.1	RADIAL 13
P0051	1	5"	3-350MCM	EPR	13.1	13.2	RADIAL 13
P0052	1	5"	3-350MCM	EPR	13.2	13.3	RADIAL 13
P0053	1	5"	3-350MCM	EPR	13.3	13.2	RADIAL 13 FUTURE
P0054	1	3"	3-#2	EPR	12.4	HELIUM COMPRESSOR	5 KV FEEDER
P0055							
P0056	1	5"	3-350MCM	EPR	SWGR - A	14.1	RADIAL 14
P0057							
P0058							
P0059							
P0060	1	5"	3-500MCM	EPR	SWGR - A	15.1	RADIAL 15
P0061	1	5"	3-500MCM	EPR	15.1	15.2	RADIAL 15
P0062	1	5"	3-500MCM	EPR	15.2	15.3	RADIAL 15
P0063	1	5"	3-500MCM	EPR	15.3	15.4	RADIAL 15
P0064	1	5"	3-350MCM	EPR	SWGR - A	22.1	RADIAL 22 FUTURE PULL
P0065	1	5"	3-350MCM	EPR	SWGR - B	19.1	RADIAL 19
P0066							
P0067	1	5"	3-350MCM	EPR	SWGR - A	17.1	RADIAL 17
P0068							
P0069	1	5"	3-350MCM	EPR	SWGR - A	16.1	RADIAL 16
P0070							
P0071	1	5"	3-350MCM	EPR	SWGR - A	20.1	RADIAL 20
P0072							
P0073							
P0074							
P0075							
P0076							
P0077							
P0078							
P0079							
P0080							
P0081							
P0082	1	5"	3-350MCM	EPR	SWGR - A	23.4	RADIAL 23 FUTURE PULL
P0083	1	5"	3-350MCM	EPR	23.4	23.3	RADIAL 23 FUTURE PULL
P0084	1	5"	3-350MCM	EPR	23.3	23.2	RADIAL 23 FUTURE PULL
P0085	1	5"	3-350MCM	EPR	23.2	23.1	RADIAL 23 FUTURE PULL
P0086							
P0087	1	5"	3-350MCM	EPR	SWGR - B	24.5	RADIAL 24 (SPLICE IN M31)
P0088	1	5"	3-350MCM	EPR	SWGR - B	24.4	RADIAL 24 (SPLICE IN M31)
P0089	1	5"	3-350MCM	EPR	24.4	24.1	RADIAL 24(SPLICE IN M20)
P0090	1	5"	3-350MCM	EPR	24.1	24.2	RADIAL 24
P0091	1	5"	3-350MCM	EPR	24.2	24.3	RADIAL 24
P0092	1	4"	4-500MCM,#1/0G		11.4	BOOSTER PUMP STATION PANEL	480 V FEED
P0093							
P0094							
P0095							
P0096							
P0097							
P0098							
P0099							
P0100							

TAG	QTY	COND	CONDUCTORS	TYPE OR INSUL	FROM	TO	COMMENTS
P0101							
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P0200							

1 SU1-02 · 2 SU1-08 · 1 SU1-03

GENERAL NOTES:

A. (X.X) SYMBOL DENOTES EQUIPMENT TAG. EQUIPMENT SCHEDULE PROVIDED ON SHEET UEL9.61.02 (FOR REFERENCE ONLY).

B. PROVIDE 600v, #4/0 INSULATED GROUND FOR ALL LOOPS AND RADIALS.

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SECTION AND DETAIL KEY: NUMBER OF SECTION OR DETAIL — DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM ______
ENGINEERING PROCEDURE ______

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
2	A	4	6,8	CNMS REVISIONS - DCN T1-SU1-08 - 12/09/02	DD	VS			CJM	1/03	[illegible]	1/03	[illegible]	1/21/03			VGS	106009	11/15/02	RW	–	–	PD	–	–	–	JW	–	TW
1	A	4	2,3	BASIS OF AWARD - 10/30/2001	PD	PD			JS	11/15/01	TM	11/15/01			JL	11/15/01	VGS	106009	10/30/01	RW	AW	BS	AK	BS	BJ	--	BS	--	WS
0				CERTIFIED FOR CONSTRUCTION - 7/13/2001	AS	AK			JS	7/16/01	TM	7/16/01			JL	7/16/01	VGS	106009	07/13/01	RW	AW	BS	AK	BS	BJ	--	BS	--	WS

REVISION OR ISSUE PURPOSE · REVISION APPROVALS · SQUAD CHECK

RPE: VICTOR G. STEFFEN, REGISTERED ENGINEER, STATE OF TENNESSEE, No. 00106009 (seal, signed 1-21-03)
REV. 2 DATE 12/9/02

DRAWING APPROVALS		
DSN	A. SANDHU	07/13/01
DRW	G.GARCIA	07/13/01
CHK	A.KANER	07/13/01
DEPT		
PE	J.SCHUBERT	07/16/01
PJ	T.McLAUGHLIN	07/16/01
REQ		
UTB	J.LAWSON	07/16/01

108040000-U8E-8000-A093

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UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC, Oak Ridge, Tennessee

PROJECT NAME: SPALLATION NEUTRON SOURCE

SITE UTILITIES
ELECTRICAL FEEDER SCHEDULE

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	U	X	X	8	8000		1	1	S	U

51	52	53	WBS	DWG NO.	REV
NC	NA		1.8.4	UEL9.61.01	2