EQUIPMENT SCHEDULE

EQ. TAG	TITLE	DESCRIPTION
1.1	DTL–ME1 EXT	KLYSTRON POWER SUPPLY
1.2	DTL–ME2 EXT	KLYSTRON POWER SUPPLY
1.3	DTL–ME3 EXT	KLYSTRON POWER SUPPLY
1.4	CCL–ME1 EXT	KLYSTRON POWER SUPPLY
1.5	CCL–ME2 EXT	KLYSTRON POWER SUPPLY
2.1	CCL–ME3 EXT	KLYSTRON POWER SUPPLY
2.2	CCL–ME4 EXT	KLYSTRON POWER SUPPLY
2.3	SCL–ME1 EXT	KLYSTRON POWER SUPPLY
2.4	SCL–ME2 EXT	KLYSTRON POWER SUPPLY
2.5	SCL–ME3 EXT	KLYSTRON POWER SUPPLY
3.1	SCL–ME4 EXT	KLYSTRON POWER SUPPLY
3.2	SCL–ME5 EXT	KLYSTRON POWER SUPPLY
3.3	SCL–ME6 EXT	KLYSTRON POWER SUPPLY
3.4	SCL–ME7 EXT	KLYSTRON POWER SUPPLY
3.5	SCL–ME8 EXT	KLYSTRON POWER SUPPLY
4.1	CH–SS1	CHI BLDG SUBSTATION (5 KV)
4.2	CH–SS2	CHI BLDG SUBSTATION (5 KV)
5.1	CH–SS4	CLH BLDG SUBSTATION
6.1	PFCC–B–001	13.8 KV SWGR – B POWER FACTOR CORRECTION CAPACITORS
7.1	FE–SS1	KLYSTRON BUILDING SUBSTATION
7.2	KL–SS1	KLYSTRON BUILDING SUBSTATION
7.3	KL–SS2	KLYSTRON BUILDING SUBSTATION
7.4	KL–SS3	KLYSTRON BUILDING SUBSTATION
8.1	KL–SS4	KLYSTRON BUILDING SUBSTATION
8.2	KL–SS5	KLYSTRON BUILDING SUBSTATION
8.3	HE–SS1	HEBT SUBSTATION
9.1	TA–SS3	TARGET BUILDING SUBSTATION
9.2	TA–SS5	TARGET BUILDING SUBSTATION(FUTURE)
10.1	RN–SS5	RING SERVICE BUILDING SWITCHGEAR(FUTURE)
10.2	RN–SS4	RING SERVICE BUILDING SWITCHGEAR
10.3	RN–SS6	RING SERVICE BUILDING SWITCHGEAR
10.4	RN–SS7	RING SERVICE BUILDING SWITCHGEAR
11.1	RN–SS1	RING SERVICE BUILDING SWITCHGEAR
11.2	RN–SS2	RING SERVICE BUILDING SWITCHGEAR
11.3	RN–SS3	RING SERVICE BUILDING SWITCHGEAR
11.4	PB–SS1	BOOSTER PUMP SUBSTATION
12.1	RT–SS1	RTBT SUB STATION
12.2	TA–SS1	TARGET BUILDING SUBSTATION
12.3	TA–SS4	TARGET BUILDING SUBSTATION
12.4	TA–SS2	TARGET BUILDING SUBSTATION – FUTURE
13.1	CL–SS1	CENTRAL LAB/OFFICE SUBSTATION – FUTURE
13.2	CL–SS2	CENTRAL LAB/OFFICE SUBSTATION – FUTURE
13.3	CL–SS3	CENTRAL LAB/OFFICE SUBSTATION – FUTURE
13.4	JB–SS1	JENS BLDG (FUTURE)
14.1	CH–SS3	RF SHOP SUBSTATION

EQUIPMENT SCHEDULE

EQ. TAG	TITLE	DESCRIPTION
15.1	CU–SS1	CUB BUILDING SUBSTATION (2500 KVA)
15.2	CU–SS2	CUB BUILDING SUBSTATION (2500 KVA)
15.3	CU–SS3	CUB BUILDING SUBSTATION (2500 KVA)
24.1	KL–PS16	KLYSTRON POWER SUPPLY 1.3GeV(FUTURE)
24.2	KL–PS17	KLYSTRON POWER SUPPLY 1.3GeV(FUTURE)
24.3	KL–PS18	KLYSTRON POWER SUPPLY 1.3GeV(FUTURE)
24.4	HEBT–ME9 EXT	HEBTPOWER SUPPLY 1.3GeV(FUTURE)
24.5	RF–PS1	RF POWER SUPPLY
16.1	SST–02	161 KV SUBSTATION SERVICE TRANSFORMER FED FROM BUS A
17.1	PFCC–A–001	13.8 KV SWGR – BUS A POWER FACTOR CORRECTION CAPACITORS
18.1	ORNL – FDR 244	13.8 KV SWGR – C POWER FACTOR CORRECTION CAPACITORS
19.1	SST–01	161 KV SUB–STATION SERVICE TRANSFORMER
20.1	SPARE	SPARE
21.1	SPARE	SPARE
25.1	SPARE	SPARE
26.1	SPARE	SPARE
23.1	RT–SS2	FUTURE TARGET BUILDING SUBSTATION
23.2	TA–SS7	FUTURE TARGET BUILDING SUBSTATION
23.3	TA–SS8	FUTURE TARGET BUILDING SUBSTATION
23.4	TA–SS6	RTBT TUNNEL & SERVICE BLDG MACHINE & HOUSE POWER

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

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 4
ENGINEERING PROCEDURE SNS–ENG–0001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CERTIFIED FOR CONSTRUCTION – 7/13/2001	AS	AK	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
		7/16/01					7/16/01		VGS	106009	7/13/01

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
RW	AW	BS	AK	BS	BJ	--	BS	--	WS

SQUAD CHECK

RPE
TIMOTHY G. STEPHENS REGISTERED ENGINEER No. 091040109 STATE OF TENNESSEE
7-11-01
0 7-11-01
REV. DATE

DSN	A. SANDHU	7/13/01
DRW	G.GARCIA	7/13/01
CHK	A.KANER	7/13/01
DEPT		
PE		
PJ		7/16/01
REQ		
UTB		7/16/01

DRAWING APPROVALS

108040000-U8E-8000-A094

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Oak Ridge National Laboratory
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U.S. GOVERNMENT contract DE–AC05–00OR22725
UT–BATTELLE, LLC, ■ Oak Ridge, Tennessee.

PROJECT NAME:
SPALLATION NEUTRON SOURCE
SITE UTILITIES
ELECTRICAL EQUIPMENT 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		REV
NC	NA		1.8.4	UEL9.61.02	0

Date: 07/16/2001
Designer: SANDHU
File: P:\SOLIDPROJECTS\1000\100_CAD\R\U8E_1\140_R\ST\UE1.9-01-02.DWG