FEEDER SCHEDULE

TAG	QTY	CONDUIT	CONDUCTORS TYPE OR INSUL	FROM	TO	COMMENTS
1500	2	4"	4-350 MCM, 1#4G (EA)	CL-SS1	RISER 5	–
–	–	–	–	–	–	–
1520	1	2"	3#2, 1#6G	RISER 5	1T5A	–
1521	1	2-1/2"	4#4/0, 1#6G	DISCONNECT SW.	1SR5A	–
1522	1	2-1/2"	4#4/0, 1#6G	1T5A	DISCONNECT SW.	–
–	–	–	–	–	–	–
1530	1	1-1/2"	3#2, 1#8G	RISER 5	1T5B	–
1531	1	2-1/2"	4#4/0, 1#6G	–	–	–
1532	1	2-1/2"	4#4/0, 1#6G	1R5A	B1R5A	THROUGH FEED FROM 1R5A
–	–	–	–	–	–	–
1534	1	1-1/2"	4#2, 1#8G	B1DPA	DISCONNECT SW	–
1535	1	1-1/2"	4#2, 1#8G	DISCONNECT SW	ELEVATOR CONTROL	–
1538	1	1"	CONTROL CONDUCTORS	ELEVATOR EQUIP. RM	ELEVATOR STATUS PANEL	PROVIDE PER ELEVATOR REQUIREMENTS
1540	1	2"	3#2/0, 1#6G	RISER 5	2T5A	–
1541	1	2-1/2"	4#4/0, 1#2/0G	2T5A	2SR5A	–
1542	1	2-1/2"	4#4/0, 1#2/0G	2SR5A	2SR5B	–
–	–	–		–	–	–
1550	1	2-1/2"	3#2/0, 1#6G	RISER 5	3T5A	–
1551	1	2-1/2"	4#4/0, 1#2/0G	3T5A	3SR5A	–
1552	1	2-1/2"	4#4/0, 1#2/0G	3SR5A	3SR5B	–
–	–	–	–	–	–	–
1560	1	1-1/2"	3#2, 1#8G	RISER 5	2T5B	–
1561	1	2-1/2"	4#4/0, 1#6G	2T5B	2R5A	–
1562	1	1-1/2"	4#4/0, 1#6G	2R5A	3R5A	THROUGH FEED FROM 2R5A
–	–	–	–	–	–	–
–	–	–	–	–	–	–
1570	1	2"	3#2/0, 1#6G	RISER 5	4T5A	–
1571	1	2-1/2"	4#4/0, 1#1/2G	4T5A	4SR5A	–
1572	1	2-1/2"	4#4/0, 1#2/0G	4SR5A	4SR5B	–
–	–	–	–	–	–	–
1590	1	1-1/2"	3#2, 1#8G	RISER 5	4T5B	–
1591	1	2-1/2"	4#4/0, 1#6G	4T5B	4R5A	–
1592	1	2-1/2"	4#4/0, 1#6G	4R5A	5R5A	THROUGH FEED FROM 4R5A
1593	1	3/4"	3#10,1#10G	5EDA	5ETA	–
1594	1	1	4#4, 1#8G	5ETA	5EA	–
1600	2	3"	4-350MCM, 1#2G (EA)	CL-SS1	RISER 6	–
–	–	–	–	–	–	–
1620	1	1-1/2"	4#2, 1#8G	RISER 6	1L6A	–
–	–	–	–	–	–	–
1630	1	1-1/2"	3#2, 1#8G	RISER 6	1T6A	–
1631	1	2-1/2"	4#4/0, 1#6G	1T6A	1SR6A	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
1640	1	1-1/2"	4#2, 1#8G	RISER 6	2L6A	–
–	–	–	–	–	–	–
1650	1	2-1/2"	3#2/0, 1#6G	RISER 6	2T6B	–
1651	1	2-1/2"	4#4/0, 1#2G	2T6B	2R6A	–
1652	1	2-1/2"	4#4/0, 1#2G	2T6B	3R6A	–
1653	1	2-1/2"	4#4/0, 1#2G	2T6B	1R6A	–
–	–	–	–	–	–	–
1655	1	1-1/2"	4#4, 1#8G	RISER 1	DISCONNECT SW.	AUDITORIUM PWR
1670	1	1-1/2"	4#2, 1#8G	RISER 6	3L6A	–
1671	1	2"	3#2, 1#6G	RISER 6	IT9A	–
1672	1	2-1/2"	4# 4/0, 1#6G	IT9A	1R8A	
1675	1	3/4"	2#12	B1UPS	EPOC	EPOC CONTROL CKT
1676	1	3/4"	2#12	ISRIC	EPOC	EPOC CONTROL CKT
1677	1	3/4"	2#12	EPOC	EPO	EPOC CONTROL CKT
1700	1	4"	4-600MCM, 1#2/0G	CL-SS2	B1DPA	
1800	2	4"	3-350MCM, 1#4/0G (EA)	CL-SS3	CL-SS2	15KV CABLING
1900	2	4"	3-350MCM, 1#4/0G (EA)	CL-SS2	CL-SS1	15KV CABLING

TAG	QTY	CONDUIT	CONDUCTORS TYPE OR INSUL	FROM	TO	COMMENTS
2100	3	4"	4-350MCM, 1#4G (EA)	CL-SS2	B1SHOPDPA	–
2110	1	1-1/2"	4#2, 1#8G	B1SHOPDPA	B1MESHOP1	–
2111	1	1"	3#6, 1#8G	B1MESHOP1	B1MESHOPT1	–
2112	1	1-1/2"	4#2, 1#6G	B1MESHOPT1	B1MESHOP2	–
–	–	–	–	–	–	–
2120	1	1-1/2"	4#2, 1#8G	B1SHOPDPA	B1MAGSHOP1	–
2121	1	1"	3#6, 1#8G	B1MAGSHOP1	B1MAGSHOPT1	–
2122	1	1-1/2"	4#2, 1#2G	B1MAGSHOPT1	B1MAGSHOP2	–
–	–	–	–	–	–	–
2130	1	1-1/2"	4#2, 1#8G	B1SHOPDPA	B1VACCUM1	–
2131	1	1"	3#6, 1#8G	B1VACCUM1	B1VACCUMT1	–
2132	1	1-1/2"	4#2, 1#6G	B1VACCUMT1	B1VACCUM2	–
–	–	–	–	–	–	–
2140	1	2-1/2"	4#4/0, 1#4G	B1SHOPDPA	B1RFSHOP1	–
2141	1	1-1/2"	3#2, 1#6G	B1RFSHOP1	B1RFHOPT1	–
2142	1	2-1/2"	4#4/0, 1#2G	B1RFSHOPT1	B1RFSHOP2	–
–	–	–	–	–	–	–
2150	2	4"	4-600MCM 1#1G (EA)	B1SHOPDPA	B1PSUPPLY1	–
2151	1	2"	3#2, 1#6G	B1PSUPPLY1	B1PSUPPLYT1	–
2152	2	2-1/2"	4#4/0, 1#2G (EA)	B1PSUPPLYT1	B1PSUPPLY2	–
2153	1	2-1/2"	4#4/0, 1#2G	B1PSHOP2	B1ALIGSUPPLY1	–
–	–	–	–	–	–	–
2200	1	4"	4-600MCM, 1#2G	CL-SS2	1LABDPA	–
–	–	–	–	–	–	–
2210	1	1-1/2"	3#2, 1#6G	1LABDPA	1LOWRFT1	–
2211	1	2-1/2"	4#4/0, 1#4G	DISCONNECT SW.	1LOWR1	–
–	–	–	–	1LOWRFT1	DISCONNECT SW.	–
–	–	–	–	–	–	–
2220	1	1-1/2"	4#2, 1#2G	1LABDPA	1FOILLAB1	–
2221	1	3/4"	3#8, 1#10G	1FOILLAB1	1FOILLABT1	–
2222	1	1-1/2"	4#2, 1#8G	1FOILLABT1	1FOILALB2	–
2223	1	1-1/2"	4#2, 1#8G	1FOILLAB2	1ALIGLAB1	–
–	–	–	–	–	–	–
2230	1	1-1/2"	4#2, 1#8G	1LABDPA	1PSUPPLY1	–
2231	1	3/4"	3#8, 1#10G	1PSUPPLY1	1PSUPPLYT1	–
2232	1	1-1/2"	4#8, 1#8G	1PSUPPLYT1	1PSUPPLY2	–
–	–	–	–	–	–	–
2240	1	1-1/2"	4#2, 1#8G	1LABDPA	1IONLAB1	–
2241	1	3/4"	3#8, 1#10G	1IONLAB1	1IONLABT1	–
2242	1	1-1/2"	4#8, 1#8G	1IONLABT1	1IONLAB2	–
–	–	–	–	–	–	–
2250	1	1-1/2"	4#2, 1#8G	1LABDPA	1MELAB1	–
2251	1	3/4"	3#8, 1#10G	1MELAB1	1MELABT1	–
2252	1	1-1/2"	4#2, 1#8G	1MELABT1	1MELAB2	–
–	–	–	–	–	–	–
2500	2	4"		CL-SS2	2LABDPA	CONDUIT ONLY. CONDUCTORS ARE PART OF ALTERNATE BID 1D.
2510	1	2-1/2"	3#4/0, 1#6G	2LABDPA	2LABT1	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2511	1	4"	4-600MCM,#2G	2LABT1	2LABDPB	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2512	1	2"-1/2"	4#4/0, 1#2G	2LABDPA	2LABT3	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2513	1	4"	4-600MCM, 1#2G	2LABT3	2LABDPE	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2520	1	2-1/2"	4#2, 1#8G	2LABDPA	2VACCUMLAB1	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2521	1	1-1/2"	3#2, 1#8G	2VACCUMLAB1	2VACUMLABT1	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2522	1	2-1/2"	4#4/0, 1#2G	2VACCUMLABT1	2VACCUMLAB2	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2523	1	1"	4#4, 1 #8G	2VACCUMLAB2	2PHYSICSSTUFFLAB1	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2524	1	1"	4#4, 1 #8G	2VACCUMLAB2	2HPWRLAB1	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2530	1	4"	4-600MCM-1#2G	2LABDPA	LAB AREA BUS DUCT A	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
–	–	–	–	–	–	–
2600	2	4"		CL-SS2	2LABDPC	CONDUIT ONLY. CONDUCTORS ARE PART OF ALTERNATE BID 1D.
2610	1	2-1/2"	3-#4/0,#2G	2LABDPC	2LABT2	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2611	1	4"	4-600MCM,#2G	2LABT2	2LABDPD	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
2620	1	4"	4-600MCM, 1#2G	2LABDPC	LAB AREA BUS DUCT B	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1D
–	–	–	–	–	–	–
2700	2	4"		CL-SS2	3LABDPA	CONDUIT ONLY. CONDUCTORS ARE PART OF ALTERNATE BID 1A.
–	–	–	–	–	–	–
2711	1	2-1/2"	3-#4/0,#2G	3LABDPA	3LABT1	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1A
2712	1	4"	4-600MCM,#2G	3LABT1	3LABDPB1	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1A
2720	1	4"	4-600MCM, 1#2G	3LABDPA	LAB AREA BUS DUCT C	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1A
–	–	–	–	–	–	–
2800	2	4"		CL-SS2	3LABDPC	CONDUIT ONLY. CONDUCTORS ARE PART OF ALTERNATE BID 1A.
2810	1	2-1/2"	3-#4/0,#2G	3LABDPC	3LABT2	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1A
2811	1	4"	4-600MCM,#2G	3LABT2	3LABDPD	CONDUIT AND CONDUCTORS ARE PART OF ALTERNATE BID 1A
2820	1	4"	4-600MCM, 1#2G	3LABDPC	LAB AREA BUS DUCT D	CONDUIT AND CONDUCTORS ARE 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
1				CERTIFIED FOR CONSTRUCTION – 12/20/01	DD	RL				12/6/01		12/01				12/26/01	VGS	106009	12/20/01
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

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED
SC	AW	WRS	RL	WRS	BWJ	--	WRS	--	WAS

SQUAD CHECK

RPE: VICTOR G. STEFFEN, REGISTERED ENGINEER, AGRICULTURE COMMERCE, No. 00106009, STATE OF TENNESSEE, 12-17-01

REV. 1 DATE 12-17-01

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

DRAWING APPROVALS

108031400-E8E-8600-A164

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UT-BATTELLE, LLC, Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

CENTRAL LAB AND OFFICE BUILDING
FEEDER SCHEDULES
SHEET 2

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					REV
NC	NA				1.8.3.14		E9.40.41			1

Date: 05/08/2001 Time: 15:50:49
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