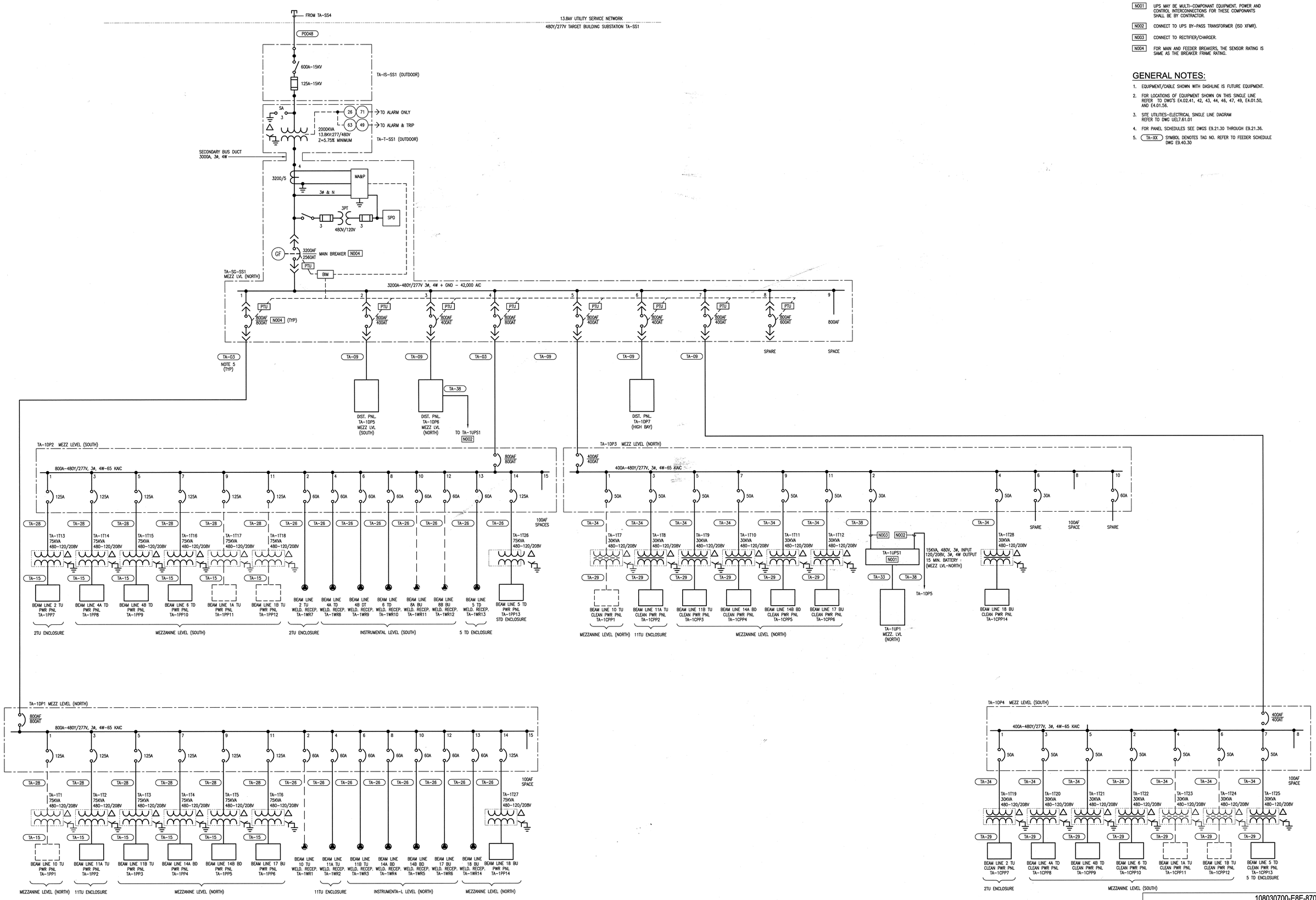

SHEET KEYNOTES:

N001	UPS MAY BE MULTI-COMPONANT EQUIPMENT. POWER AND CONTROL INTERCONNECTIONS FOR THESE COMPONANTS SHALL BE BY CONTRACTOR.
N002	CONNECT TO UPS BY-PASS TRANSFORMER (ISO XFMR).
N003	CONNECT TO RECTIFIER/CHARGER.
N004	FOR MAIN AND FEEDER BREAKERS, THE SENSOR RATING IS SAME AS THE BREAKER FRAME RATING.

GENERAL NOTES:

1. EQUIPMENT/CABLE SHOWN WITH DASHLINE IS FUTURE EQUIPMENT.
2. FOR LOCATIONS OF EQUIPMENT SHOWN ON THIS SINGLE LINE REFER TO DWG'S E4.02.41, 42, 43, 44, 46, 47, 49, E4.01.50, AND E4.01.56.
3. SITE UTILITIES-ELECTRICAL SINGLE LINE DIAGRAM REFER TO DWG UEL7.61.01
4. FOR PANEL SCHEDULES SEE DWGS E9.21.30 THROUGH E9.21.36.
5. (TA-XX) SYMBOL DENOTES TAG NO. REFER TO FEEDER SCHEDULE DWG E9.40.30

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

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 3

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
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	HG	VGS			RDD	11/13/01	RDD	11/14/01				11/14/01	VGS	00106009	10/26/01	REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: DR. R. G. STEFFEN, REGISTERED ENGINEER, STATE OF TENNESSEE — 11-13-01

DSN	H.GROVER	10/26/01
DRW	L. MAKOVSKY	10/26/01
CHK	V.STEFFEN	10/26/01
DEPT		
PE	R.D.Clarren	11/13/01
PJ	R.D.Clarren	11/14/01
REQ		
UTB		11/14/01

0 REV. 11-13-01 DATE — DRAWING APPROVALS

108030700-E8E-8700-A010

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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

TARGET BUILDING ELECTRICAL SINGLE LINE DIAGRAM UNIT SUBSTATION - TA-SS1

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8700		1	1	P	U

51	52	53	WBS		REV
NC	NA		1.8.3.7	E2.10.30	0

AutoCAD

Date: 11/13/2001
Username: BARGERRD
Filename: E:\PROJECTS\TARGET\BLDG8700\TA-SS1.DWG