ELECTRICAL EQUIPMENT LIST

SYMBOL	DESCRIPTION	MANUFACTURER & CATALOG NO.
1	CIRCUIT MONITOR	SQUARE D NO. CM3250
2	FLUORESCENT VACUUM DISPLAY (INCLUDES INTERCONNECT CABLE)	SQUARE D CMDVF
3	COMMUNICATIONS TERMINATOR (ONE REQUIRED PER DAISY CHAIN)	SQUARE 'D' MCTAS-485
4	CIRCUIT MONITOR MOUNTING ADAPTER (FOR NEW CM-3250 INSTALLATIONS)	SQUARE D CM3LA
5	CIRCUIT MONITOR MOUNTING ADAPTER KIT (FOR CM-3250 RETROFITS INTO EXISTING CM-2X50 OPENINGS))	SQUARE D CM3MA
6	RS-485 REPEATER AND BRACKET	BLACKBOX NO. JL-IC158A
7	NON-METALLIC ENCLOSURE 18"H x 16"W x 10"D	HOFFMAN NO. A181610-CHQRFG
8	ALUMINUM BACK PLATE	HOFFMAN NO. A18P16AL
9	SWING OUT PANEL KIT	HOFFMAN NO. A18SPK16C
10	4-POLE SHORTING TERMINAL BLOCK	BUCHANAN NO. 4B104P
11	IN-LINE FUSE HOLDER	GOULD NO. GEB-11
12	5 AMP FUSE	GOULD ATMR (5)
13	3-POLE FUSE BLOCK	BUSSMANN BU15149-3 (1)
14	3 AMP FUSE	LIMITRON JKS-3 (1)
15	14 AWG SIS GRAY WIRE	CAROL NO. 14SISGRA
16	CHANNEL 1⅝" X 1⅝" 12 GUAGE EPOXY COATED	B-LINE NO. B22
17	SQUARE POST BASE EXPOXY COATED	B-LINE NO. B280SQ
18	4-HOLE PLATE	B-LINE NO. B133
19	SPRING NUT 3/8-16	B-LINE NO. N728
20	HEX HEAD CAP SCREW	B-LINE NO. HHCS ⅜" X REQD. LENGTH
21	SQUARE WASHER	B-LINE NO. B201
22	⅜" DIAMETER X 3" EMBEDMENT CONCRETE EXPANSION ANCHOR WITH NUT, WASHER AND LOCK WASHER	HILTI QUICK BOLTS
23	COMMUNICATION CABLE	BELDEN NO. 8723
24	POTENTIAL TRANSFORMER, WITH 2 CLE-PT ½ AMP FUSES	WESTINGHOUSE TYPE VIZ-75 AND 11
25	POTENTIAL TRANSFORMER, WITH 1 CLE-PT ½ AMP FUSE	WESTINGHOUSE TYPE VIZ-75 AND 11
26	FUSE, ½ AMP FOR WESTINGHOUSE TYPES VIZ-75 AND 11 TRANSFORMERS	WESTINGHOUSE NO. 677C452G03
27	6-POLE SHORTING TERMINAL BLOCK	BUCHANAN 4B106P

ELECTRICAL EQUIPMENT LIST

SYMBOL	DESCRIPTION	MANUFACTURER & CATALOG NO.
28	CURRENT TRANSFORMER	ABB TYPE CMV
	CT RATIO 500:5	ABB TYPE CMV NO.7524A75G12
	CT RATIO 600:5	ABB TYPE CMV NO.7524A75G04
	CT RATIO 1000:5	ABB TYPE CMV NO.7524A75G06
	CT RATIO 1200:5	ABB TYPE CMV NO.7524A75G07
	CT RATIO 2000:5	ABB TYPE CMV NO.7524A75G09

GENERAL NOTES

1. SEE DRAWING NO. E17011 STD AND E17015 STD FOR METERING WIRING DETAILS.
2. SEE DRAWING NO. E15001STD FOR METERING ENCLOSURE DETAILS.

KEYED NOTES

(1) SOME INSTALLATIONS PRIOR TO OCT. 95 MAY HAVE BEEN GOULD NO. 20318-D 3 POLE FUSE HOLDER AND GOULD TR (1)R 1 AMP FUSES.

REV	DATE	DESCRIPTION	DWN	CKD	APP
D	12/1/02	UPDATE	EG	JR	
C	6-15-01	UDS MODS	EG	FL	
B	5/01/01	REMOTE RANGES FACILITY	ELG	FL	
E	7/03	UPDATE, CM3220 METER	MIP	JR	

P.O. 33621
PROJECT NO.

U.S. DEPARTMENT OF ENERGY
KIRTLAND AREA OFFICE — ALBUQUERQUE, NEW MEXICO

SANDIA NATIONAL LABORATORIES

METERING EQUIPMENT LIST

METERING

ELECTRICAL — STANDARD

P.O.	
PROJECT NO.	AW1703
DRAWN BY	H&N/TLM
CHECKED BY	H&N/RK
SNL ENGR	
DATE	9/20/95

OLD DWG. #1 05732E01

MICROSTATION FILE
FILE NAME: E16004STD.dgn
REFERENCE FILES: BORDER3.DGN

SIZE D+ — DRAWING NO E16004STD — SEQ.

"Property of Sandia National Laboratories Facilities Management and Operation Center (FMOC). No duplication or alteration allowed without the expressed permission and authorization of FMOC."