

TABLE 1

RANGE	SENSOR & CONVERTER	AUXILIARY UNIT	INDICATOR & TRIP UNIT	ALARM MODULE
.01-100 MR/HR	RE-2, 11, 12, 14, 16, 17, 20, 21, 22, 23, 28, 29, 30	RM-AU2, 11, 12, 14, 16, 17, 20, 21, 22, 23, 28, 29, 30	RA-2, 11, 12, 14, 16, 17, 20, 21, 22, 23, 28, 29, 30	AM-2, 11, 12, 14, 16, 17, 20, 21, 22, 23, 28, 29, 30
.1-1000 MR/HR	RE-4, 5, 6, 15, 25, 26, 27	RM-AU4, 5, 6, 15, 25, 26, 27	RA-4, 5, 6, 15, 25, 26, 27	AM-4, 5, 6, 15, 25, 26, 27
1-10 ⁴ MR/HR	RE-18	RM-AU18	RA-18	AM-18
100-10 ⁶ MR/HR	RE-1	RM-AU1	RA-1	AM-1

TABLE 2

RANGE	SENSOR & CONVERTER	INDICATOR & TRIP UNIT
.01-100 MR/HR	RE-3, 7, 8, 9, 10, 13, 19, 24	RA-3, 7, 8, 9, 10, 13, 19, 24

TABLE 3

POWER SUPPLY	CHANNELS POWERED
ES-53A	1-10
ES-53B	11-20
ES-53C	21-30

TABLE 4

PMIS INPUT POINT	SENSOR & CONVERTER
N091	RE-1
N092	RE-2
N093	RE-3
N094	RE-4
N095	RE-5
N096	RE-6
N097	RE-7
N098	RE-8
N099	RE-9
N100	RE-10
N101	RE-11
N102	RE-12
N103	RE-13
N104	RE-14
N105	RE-15
N106	RE-16
N107	RE-17
N108	RE-18
N109	RE-19
N110	RE-20
N111	RE-21
N112	RE-22
N113	RE-23
N114	RE-24
N115	RE-25
N116	RE-26
N117	RE-27
N118	RE-28
N119	RE-29
N120	RE-30

TABLE 3

POWER SUPPLY	1	2	3	4
-53A				
-53B				
-53C				

INDICATION & TRIP UNITS FOR EACH CHANNEL WILL BE ARRANGED PER CHART ABOVE.

- NOTES:**
1. SENSOR & CONVERTER TO BE MOUNTED AT 7 FT ELEVATION FROM FLOOR. AUXILIARY UNIT TO BE MOUNTED AT 5 FT ELEVATION FROM FLOOR.
 2. FOR SENSOR & CONVERTER LOCATIONS REFER TO INSTRUMENT DATA SHEETS.
 3. FOR LOCATION AND IDENTIFICATION OF INSTRUMENTS SEE INSTRUMENT DATA SHEET LISTED IN MPL FOR EACH INSTRUMENT.
 4. ALL COMPONENT NUMBERS PREFIXED BY 18 EXCEPT WHERE OTHERWISE SHOWN.
- REFERENCE DOCUMENTS**
1. 791E268 AREA RADIATION MONITORING ELE.
 2. 791E267 PROCESS RADIATION MON SYS.
 3. CNS-EE-78 MPF LLRW PLAN AND DETAILS.

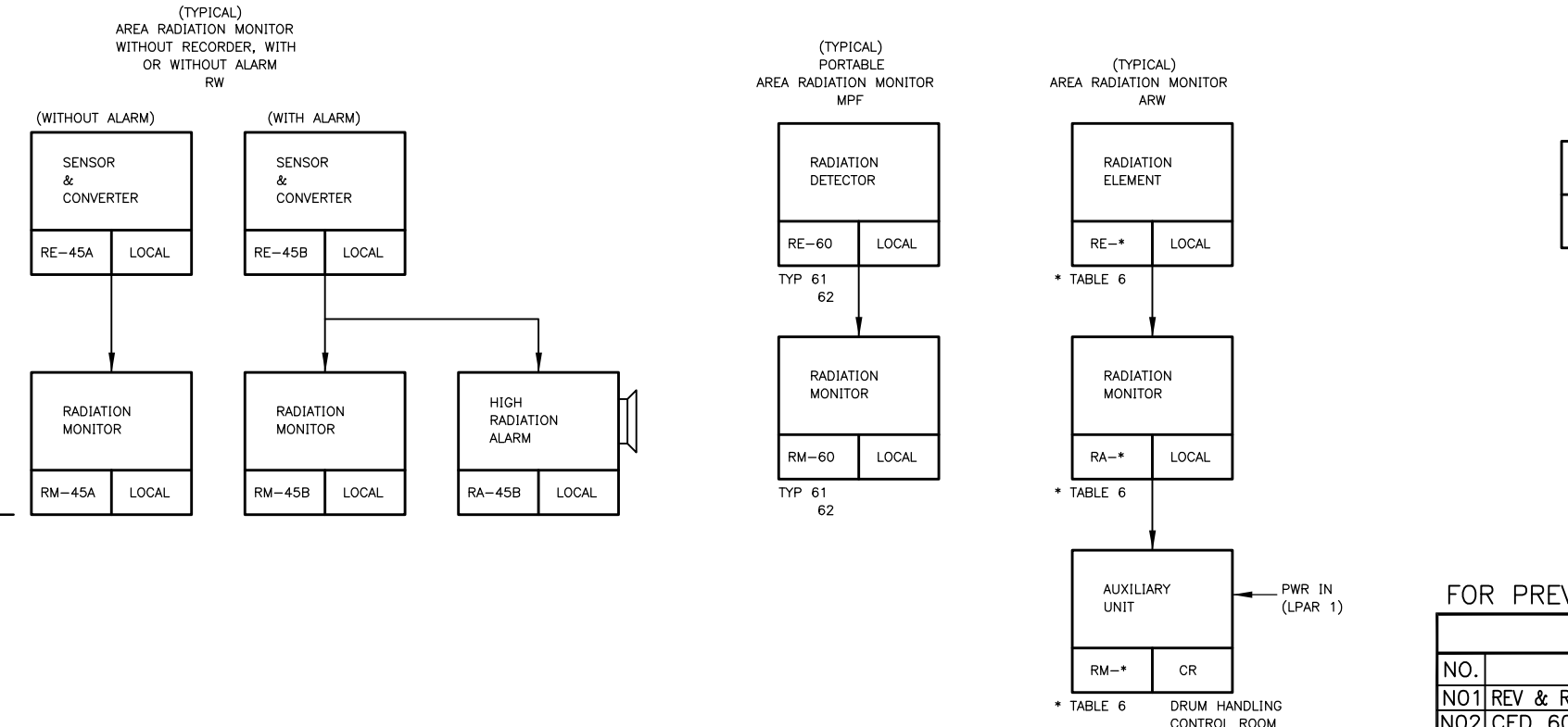
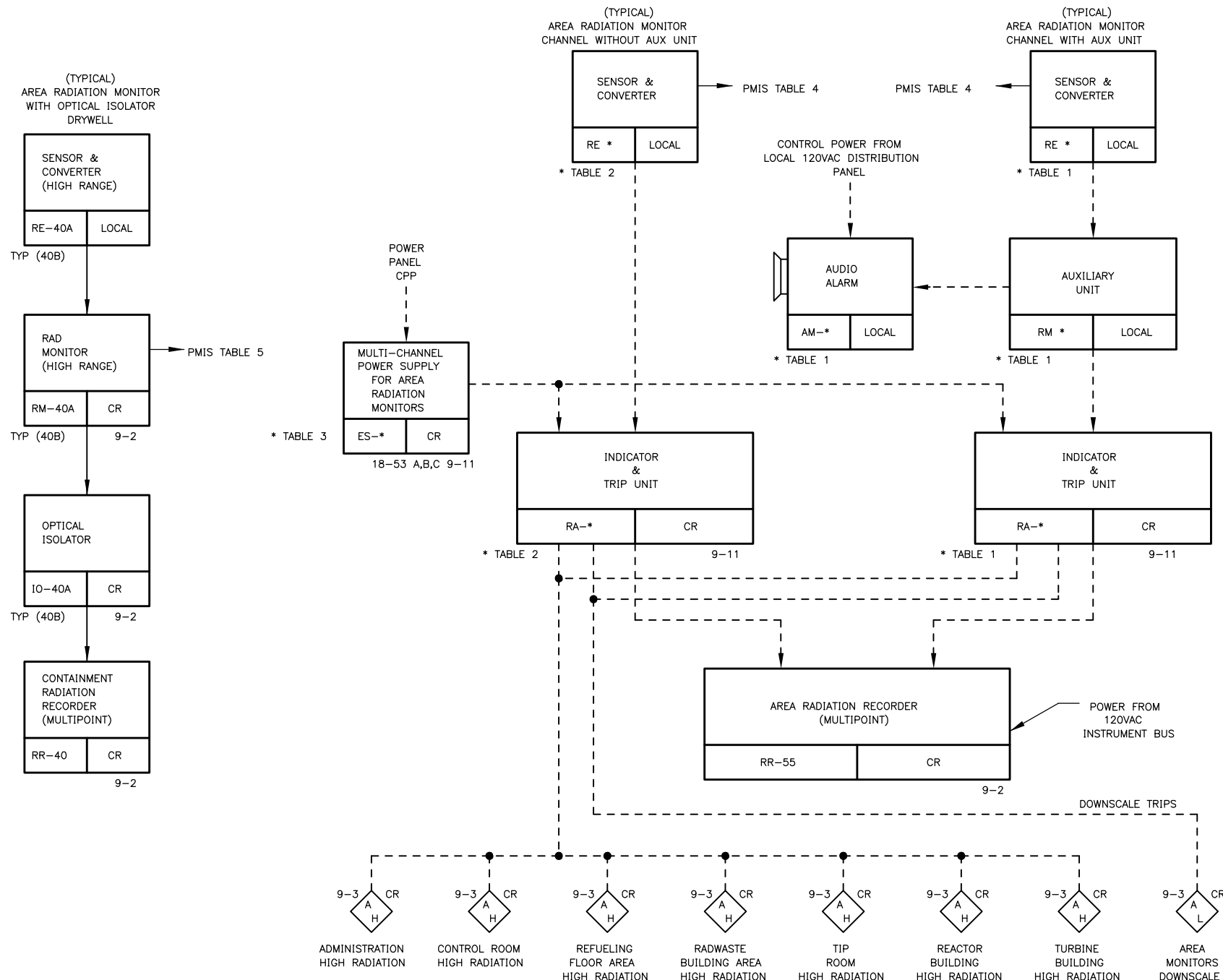


TABLE 6

RANGE	DETECTOR	AUXILIARY UNIT	RADIATION MONITOR
1-104	RE-31, 32, 33, 34, 35	RM-AU31, 32, 33, 34, 35	RA-31, 32, 33, 34, 35

FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS.

REVISIONS BY N.P.P.D.

NO.	REVISIONS	DFT	CKD	APP	DATE
N01	REV & REDRAWN PER APA DCN C93-1813	DR	JAC	WCF	10-26-93
N02	CED 6014761 (DCN 05-1374)	DLR	JDN	KZ	2-1-11

SIGNIFICANT NUMBER	1	2	3	4	5	6
GROUP						

COOPER NUCLEAR STATION
FUNCTIONAL CONTROL DIAGRAM
AREA RADIATION MONITORING SYSTEM

DRAWN	DR	DATE	10-11-93
CHECKED	JAC	DATE	10-29-93
APPROVED	WCF	DATE	10-29-93
FILMED			

GENERAL ELECTRIC

921D796 SH 1 NO2

REVISION NO. 02

CAD FILE: C0011087

INFORMATION ONLY
452005509

REVISIONS

NO.	NO.
	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	12