



AGASTAT TYPE GP1 RELAY TABULATION

RELAY	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC
K1A SH1	B33-K613 SH 2	B33-K613 SH 2	SP	B33-K613 SH 2	B33-K613 SH 2	SP	B33-K613 SH 2	B33-K613 SH 2	SP	B33-K613 SH 2
K1B SH1	B33-K613 SH 2	B33-K613 SH 2	SP	B33-K613 SH 2	B33-K613 SH 2	SP	B33-K613 SH 2	B33-K613 SH 2	SP	B33-K613 SH 2
K2A SH1	COMPUTER SH 2	---	---	SEE SH. 2	SP	---	SP	---	SP	---
K2B SH1	COMPUTER SH 2	---	---	SEE SH. 2	SP	---	SP	---	SP	---

CABLE TABULATION

CSL. DIV.	PANEL/BAY	FROM	CONNECTOR	TYPE	CONNECTOR	PANEL/TERR.	PANEL/BAY	TERMINAL SHEET NUMBER
001	H13-P17E	001/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	1
002	H13-P17E	002/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	2
003	H13-P17E	003/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	3
004	H13-P17E	004/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	4
005	H13-P17E	005/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	5
006	H13-P17E	006/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	6
007	H13-P17E	007/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	7
008	H13-P17E	008/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	8
009	H13-P17E	009/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	9
010	H13-P17E	010/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	10
011	H13-P17E	011/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	11
012	H13-P17E	012/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	12
013	H13-P17E	013/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	13
014	H13-P17E	014/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	14
015	H13-P17E	015/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	15
016	H13-P17E	016/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	16
017	H13-P17E	017/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	17
018	H13-P17E	018/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	18
019	H13-P17E	019/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	19
020	H13-P17E	020/001	20-7F	SP-7	LUG	H13-P17E	H13-P17E	20

- LEGEND:
- LOCATION (PANEL) USED ONLY WHEN NECESSARY FOR CLARITY
  - XXXXX - PART NUMBER OR TERMINAL NUMBER
  - SYSTEM NUMBER
  - MATCH NUMBER
  - ZONE
  - SHEET NO.
  - MATCH CIRCLE
  - SIGNAL COMMON BUS (ISOLATED GND)
  - COMMON GROUND BUS
  - LINE CODE FOR PGCC
  - PMS COMPUTER INPUT
  - DCS COMPUTER INPUT

- NOTES:
- REVISION CIRCLES WITHOUT ALPHA CHARACTERS OR WITH ALPHA NUMERIC CHARACTERS INDICATE REVISIONS INITIATED BY G.E.
  - REVISION CIRCLES WITH ALPHA CHARACTERS INDICATE REVISIONS INITIATED BY S & L.
  - INSTRUMENTS, MOUNTED IN H13-P619 ARE SUFFIXED WITH JET PUMP NO. EXAMPLE: B33-K610 (JP-1) B33-K609 (JP-2)
  - SEE SH. 1 FOR POWER DISTRIBUTION
  - THE LOADS SHOWN ARE ESTIMATED NOT MEASURED QUANTITIES AC LOADS ARE BASED ON 60HZ
  - SUPPLIED ONLY FOR PLANTS HAVING THE TRANSIENT TEST PANEL H13-P640
  - TO OBTAIN FLOW DATA THE SQUARE ROOT OF THE ΔP SIGNAL MUST BE TAKEN.  $V_e = \sqrt{\Delta P} \sqrt{V_m - 1}$   $V_e$  = FLOW SIGNAL IN VOLTS (-5V ± 0-100% FLOW)  $V_m$  = MEASURED VOLTAGE AT TRANSIENT TEST PANEL.
  - SEE REF. DOC. FOR DCS I/O INFORMATION.
  - UNLESS OTHERWISE SHOWN ALL PANELS ARE PREFIXED WITH H13.

- REFERENCE DOCUMENTS
- B33-1010 REACTOR RECIRCULATION SYS PA1014 DATA
  - B33-1020 REACTOR RECIRCULATION SYS FCD
  - B33-3050 INSTRUMENT DATA SHEET
  - B21-1050 NUCLEAR BOILER PROCESS INST. ELEM DIAG-ED2-1R59-001-007
  - B33-1050 REACTOR WATER CLEAN UP SYST ELEM DIAG-ED2-1R78-001-006
  - H-4050 P108 I/O LISTING
  - A62-4440 NUCLEONET OWNER REQUIREMENT
  - B33-1030 RECIRC. SYSTEM ELEM DIAG-ED2-1R59-001-005
  - B21-1010 NUCLEAR BOILER P.I.D.
  - A62-4520 TRANSIENT TEST INSTRUMENTATION REQUIREMENTS
  - C94-1050 DCS I/O LISTING
  - C94-1050 DISPLAY POINT END (LISA) FOR INSTRUMENTATION

LIMIT 1:2  
 PART OR GROUP NO. B33-1080  
 THIS SH. 12, 23, 26

DESIGNED BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
...	...	...	...	...	...	...	...	...	...

DRAWING RELEASE RECORD

REV.	DATE	RELD.	PREPARED	REVIEWED	APPROVED	PURPOSE
A	4-30-82		...	...	...	FOR CONSTRUCTION SPEC. K-2999
B	7-19-81		...	...	...	...
C	9-30-81		...	...	...	...
D	2-5-82		...	...	...	...

SCALE: PROJECT NUMBER: 33165-1080-2535

PROJECT: REACTOR RECIRCULATION SYSTEM (RR) JET PUMP INSTRUMENTATION SYSTEM (1835-1080) CLINTON POWER STATION UNIT 1 ILLINOIS POWER COMPANY CLINTON, ILLINOIS

DRAWING NO. E02-18895 SHEET 101 OF 101

RIDS

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