Docket # 50-438
Control # 8904050526
Date 3-25-89
of Document
REGULATORY DOCKET FILE

3315 R2

TABLE A34
HEAT TRACE
(TO COMPLETE WIRING INFORMATION, SEE TYPICAL WIRING FIGURE A34)

COL	1	2	3	4	5	6	7	8	9	10	11	12
ROW	VENDOR CKT NO.	EHCT-	ECA3-	ECAI-	TERM NO.	TERM NO.	IMC-EAP-	EJBT-	EHCT-	EHCT-	ECA3-	ECA3-
1	27P	60AA	9401	9601	1	1-1	13	60A	60BA	60CA	9551	9851
2	27S	60AB	9701	9901	4	2-1	13	60B	60BB	60CB	9651	9951
3												
4												
5	31P	64AA	9403	9503	1	1-1	14	64A	64BA	64CA	9553	9853
6	31S	64AB	9703	9903	4	2-1	14	64B	64BB	64CB	9653	9953
7												
8												
9	35P	68A	9405	9605	3	1-3	13	68A	NA	NA	NA	NA
10	35S	68B	9705	9905	6	2-3	13	68B	NA	NA	NA	NA
11	37P	70A	9406	9606	3	1-3	14	70A	NA	NA	NA	NA
12	37S	70B	9706	9906	6	2-3	14	70B	NA	NA	NA	NA
13												
14												
15												
16												
17												
18												
19												
20												

1677

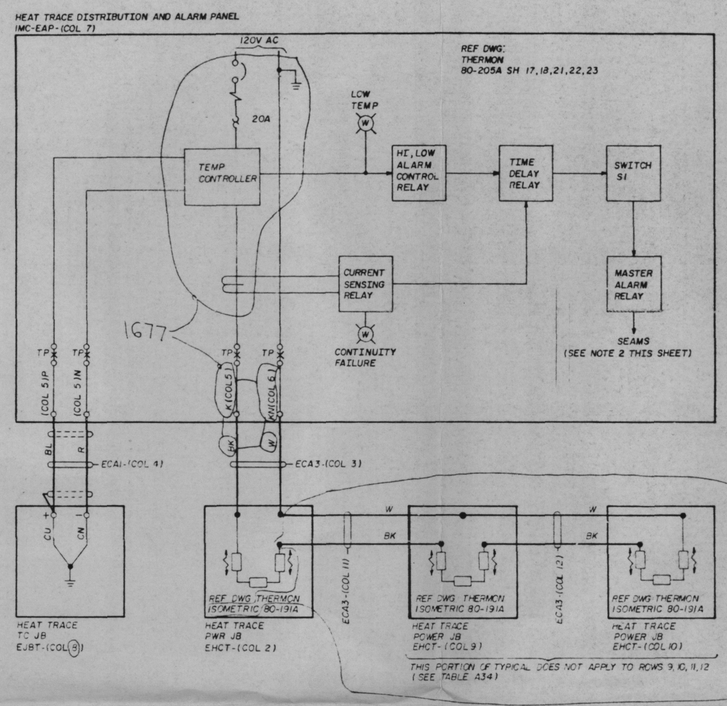

FIGURE A34
HEAT TRACE CKT, EHCT-(COL 2,9,10), VENDOR CKT (COL 1)
TYPICAL HEAT TRACE WIRING (SEE TABLE A34 FOR SPECIFIC INFORMATION)

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NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE 5GWI740-KE-01.
2. LOSS OF HEATER CONTINUITY, LOW TEMPERATURE, TEST MODE AND UNDER VOLTAGE IS MONITORED BY SEAMS AND IS SHOWN ON 5GWI740-MC-06.

SYMBOLS:
TP ○×○ - TEST POINT (DISCONNECTING TERMINAL BLOCK)

TABLE B34
HEAT TRACE
(TO COMPLETE WIRING INFORMATION, SEE TYPICAL WIRING FIGURE B34)

COL	1	2	3	4	5	6	7	8	9	10	11
ROW	VENDOR CKT NO.	EHCT-	ECA3-	ECA4-	ECA1-	TERM NO.	TERM NO.	IMC-EAP-	EJBT-E"-	EHCT-	ECA4-
1	29P	62AA	9452	9502	9602	2	1-2	13	62A	628A	9552
2	29S	62AB	9752	9802	9902	5	2-2	13	62B	628B	9652
3	33P	66AA	9454	9504	9604	2	1-2	14	66A	668A	9554
4	33S	66AB	9754	9804	9904	5	2-2	14	66B	668B	9654
5											
6											
7											
8											
9											
10											
11											
12											

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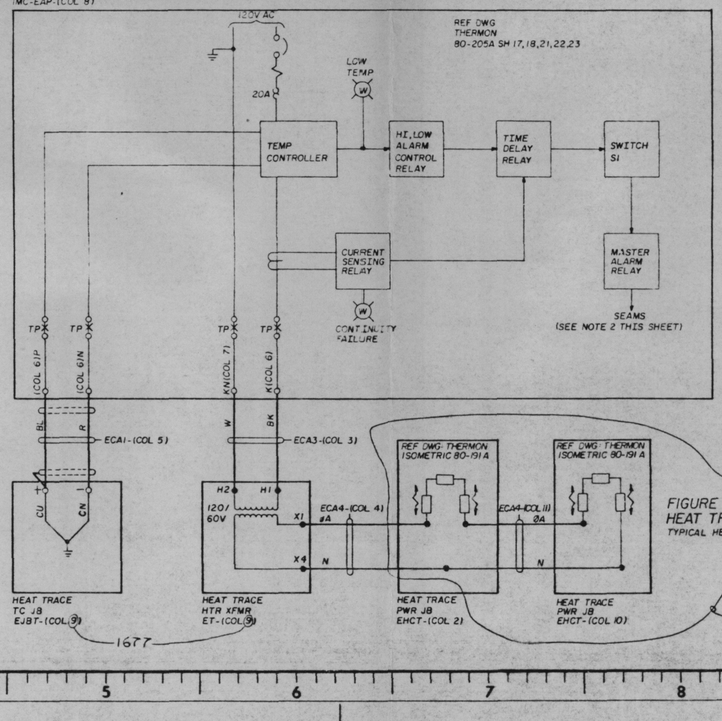

FIGURE B34
HEAT TRACE CKT, EHCT-(COL 2,10), VENDOR CKT (COL 1)
TYPICAL HEAT TRACE WIRING (SEE TABLE B34 FOR SPECIFIC INFORMATION)

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PRC APERTURE CARD

REV NO	ECN NO	DATE	DSGN	DRWN	CHKD	SUPV	ENGR	MGR	SUPR	SECT	APPD
2	1677	11-13	WHT	WHT	TWH	WH	LLS				
ADDED JUNCTION BOXES & CABLING, CHANGED UNID											
1	51	7-11-12	WHT	WHT	TWH	WH	LLS				
CHANGED XFMR CONNECTION AND MINOR CHANGE.											

DSGN R.D. Schuster
DRWN [illegible]
CHKD [illegible]
SUPV [illegible]
MGR
ENGINEER A. Kutteh

SCALE: NONE — EXCEPT AS NOTED

GENERAL
UNIT 1

SYSTEM SCHEMATIC ESSENTIAL RAW COOLING WATER SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

N

SUBMITTED	RECOMMENDED	APPROVED
A. Kutteh	[illegible]	[illegible]

INSPECTED AND APPROVED FOR ISSUE

KNOXVILLE 3-25-81 | 88 | E | 5GWI740-KE-34 | R2

RECORD DRAWING AS CONSTRUCTED

PRINT H 2
SIZE F
DR OR PROJ WE EE CE AD CD EG WG SW BR PA
PRINTS REQD-E 11