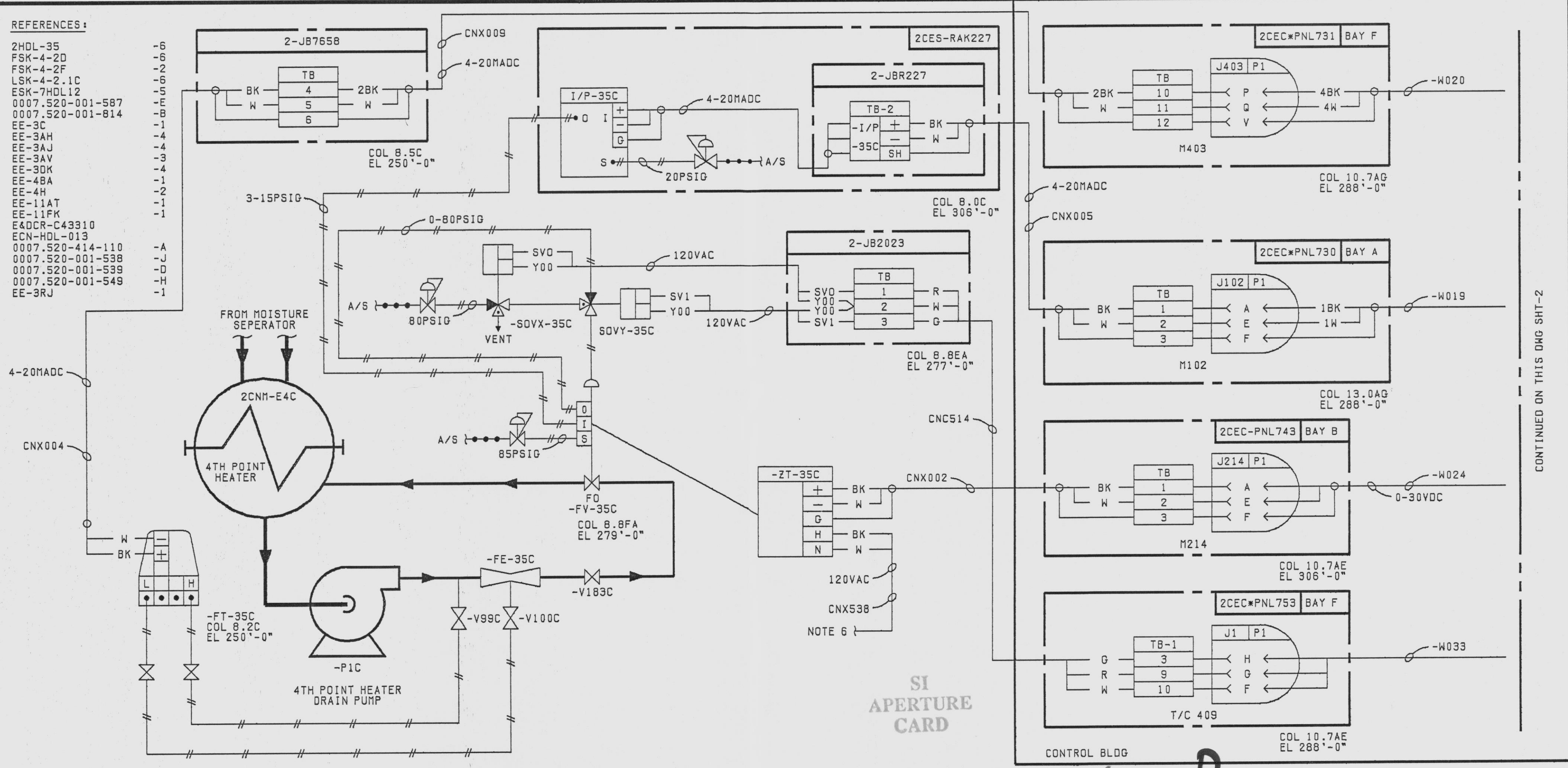


REFERENCES:

- 2HDL-35 -6
- FSK-4-2D -6
- FSK-4-2F -2
- LSK-4-2.1C -5
- ESK-7HDL12 -6
- 0007.520-001-587 -E
- 0007.520-001-814 -B
- EE-3C -1
- EE-3AH -4
- EE-3AJ -4
- EE-3AV -3
- EE-3DK -4
- EE-4BA -1
- EE-4H -2
- EE-11AT -1
- EE-11FK -1
- E4DCR-C43310 -A
- ECN-HDL-013 -J
- 0007.520-414-110 -D
- 0007.520-001-538 -H
- 0007.520-001-539 -1
- EE-3RJ -1



NOTES:

1. FOR TEST PURPOSES ONLY-NOT TO BE USED FOR CONSTRUCTION.
2. ALL INSTRUMENT AND EQUIPMENT NUMBERS ARE TO BE PREFIXED WITH "2HDL" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
3. LOOP ACTION: FT-35C MONITORS HEATER DRAIN PUMP P1C DISCHARGE RECIRCULATION FLOW AND PROVIDES FLOW SIGNALS TO COMPUTER AND FY-35C VIA PWR5-35C AND TO FC-35C AND F1-35C VIA PWR5-35C AND FY-35C. FC-35C COMPARES THIS FLOW SIGNAL TO AN INTERNAL SET-POINT AND PROVIDES AN ERROR SIGNAL TO MODULATE FV-35C VIA E/I-35C AND I/P-35C IF SOVY-35C IS ENERGIZED AND SOVX-35C DE-ENERGIZED. SOVY-35C ENERGIZES AND SOVX-35C DE-ENERGIZES AFTER P1C IS RUNNING FOR A MINIMUM TIME PERIOD. SOVY-35C DE-ENERGIZES AND SOVX-35C ENERGIZES WHEN P1C IS STOPPED.
4. 2-HOLCO6 ENERGIZES WHEN P1C IS RUNNING TO OPEN CONTACT 3. 5 AFTER A TIME DELAY TO DE-ENERGIZE SOVX-35C AND TO CLOSE CONTACT 2, 6 AFTER A TIME DELAY TO ENERGIZE SOVY-35C.

5. 120VAC FROM 2SCI-PNL101 CKT# 16.
6. FROM -ZT-35B. SEE TL2HDL-032.

4	DATE PREPARED	3	DATE PREPARED	2	DATE PREPARED	1	DATE PREPARED	0	DATE PREPARED
	APPROVED		APPROVED		APPROVED		APPROVED		APPROVED

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TEST LOOP DIAGRAM
 HEATER DRAIN PUMP P1C RECIRC CONTROL
 2HDL-FT-35C, -FV-35C
 NINE MILE POINT NUCLEAR STATION-UNIT 2
 NIAGARA MOHAWK POWER CORPORATION

STONE & WEBSTER ENGINEERING CORPORATION
 SHEET 1 OF 2
 12177-TL2HDL-033



07-127-91 INFORMATION ONLY

CONTINUED ON THIS DWG SHT-2

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