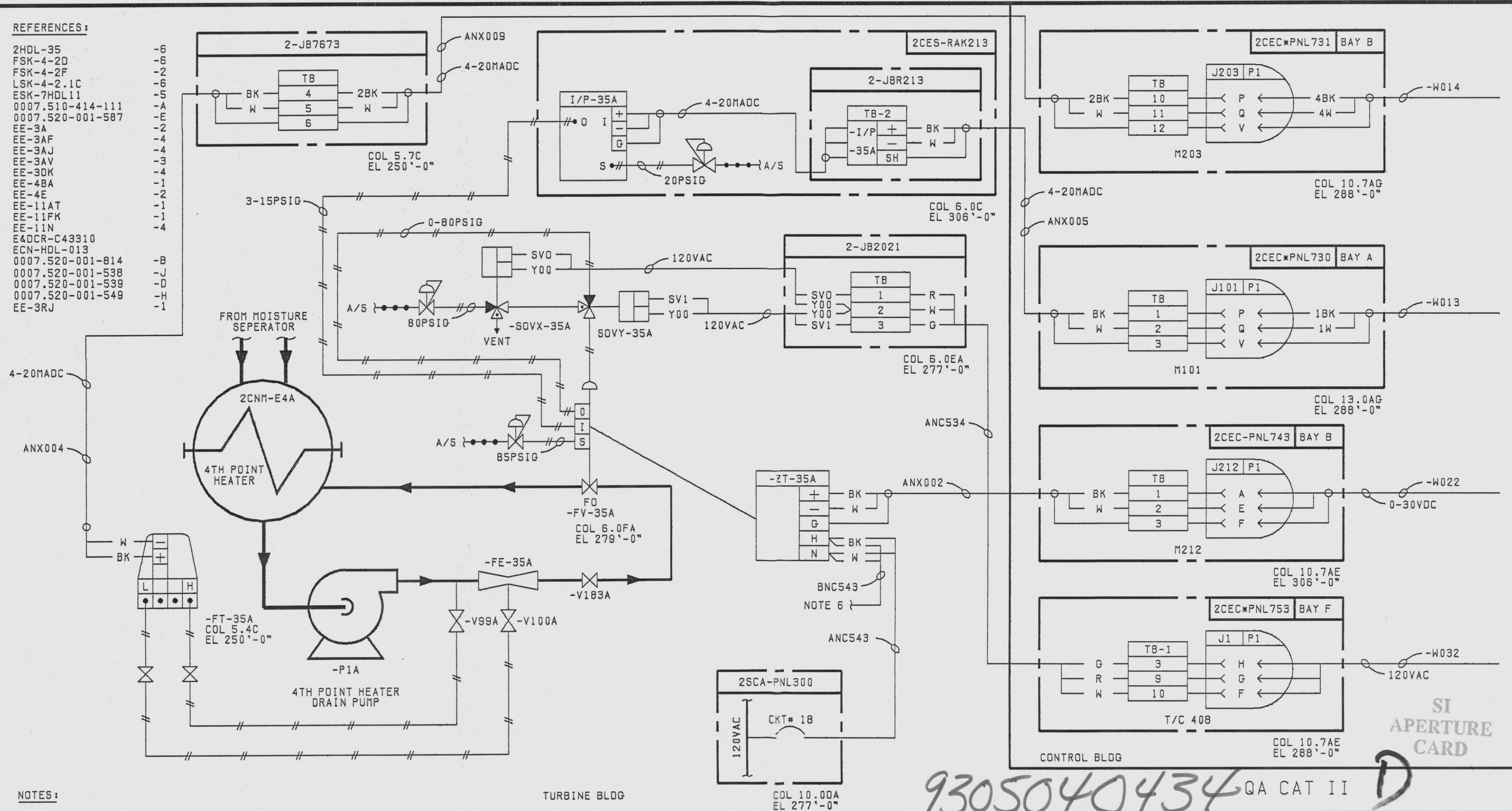


INFORMATION ONLY

**REFERENCES:**

- |                  |    |
|------------------|----|
| 2HDL-35          | -6 |
| FSK-4-2D         | -6 |
| FSK-4-2F         | -2 |
| LSK-4-2.1C       | -6 |
| ESK-7HDL11       | -5 |
| 0007.510-414-111 | -A |
| 0007.520-001-587 | -E |
| EE-3A            | -2 |
| EE-3AF           | -4 |
| EE-3AJ           | -4 |
| EE-3AV           | -3 |
| EE-3DK           | -4 |
| EE-4BA           | -1 |
| EE-4E            | -2 |
| EE-11AT          | -1 |
| EE-11FK          | -1 |
| EE-11N           | -4 |
| E4DCR-C43310     |    |
| ECN-HDL-013      |    |
| 0007.520-001-814 | -B |
| 0007.520-001-538 | -J |
| 0007.520-001-539 | -D |
| 0007.520-001-549 | -H |
| EE-3RJ           | -1 |



**NOTES:**

- FOR TEST PURPOSES ONLY-NOT TO BE USED FOR CONSTRUCTION.
- ALL INSTRUMENT AND EQUIPMENT NUMBERS ARE TO BE PREFIXED WITH "2HDL" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
- LOOP ACTION: FT-35A MONITORS HEATER DRAIN PUMP P1A DISCHARGE RECIRCULATION FLOW AND PROVIDES FLOW SIGNALS TO COMPUTER AND FY-35A VIA PWS-35A AND TO FC-35A AND FI-35A VIA PWS-35A AND FY-35A. FC-35A COMPARES THIS FLOW SIGNAL TO AN INTERNAL SET-POINT AND PROVIDES AN ERROR SIGNAL TO MODULATE FV-35A VIA E/I-35A AND I/P-35A IF SOVY-35A IS ENERGIZED AND SOVX-35A DE-ENERGIZED. SOVY-35A ENERGIZES AND SOVX-35A DE-ENERGIZES AFTER P1A IS RUNNING FOR A MINIMUM TIME PERIOD. SOVY-35A DE-ENERGIZES AND SOVX-35A ENERGIZES WHEN P1A IS STOPPED.
- 2-HOLA06 ENERGIZES WHEN P1 IS RUNNING TO OPEN CONTACT 3. 5 AFTER A TIME DELAY TO DE-ENERGIZE SOVX-35A AND TO CLOSE CONTACT 2, 6 AFTER A TIME DELAY TO ENERGIZE SOVY-35A.

TURBINE BLDG

- 120VAC FROM 2SCI-PNL101 CKT# 4.
- FROM -ZT-35B. SEE TL2HDL-032.

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

9305040434 QA CAT II D

TEST LOOP DIAGRAM  
HEATER DRAIN PUMP P1A RECIRC CONTROL  
2HDL-FT-35A, -FV-35A  
NINE MILE POINT NUCLEAR STATION-UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

STONE & WEBSTER ENGINEERING CORPORATION  
SHEET 1 OF 2  
12177-TL2HDL-031



CONTINUED ON THIS DWG SHT-2

Φ.7-127-91

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