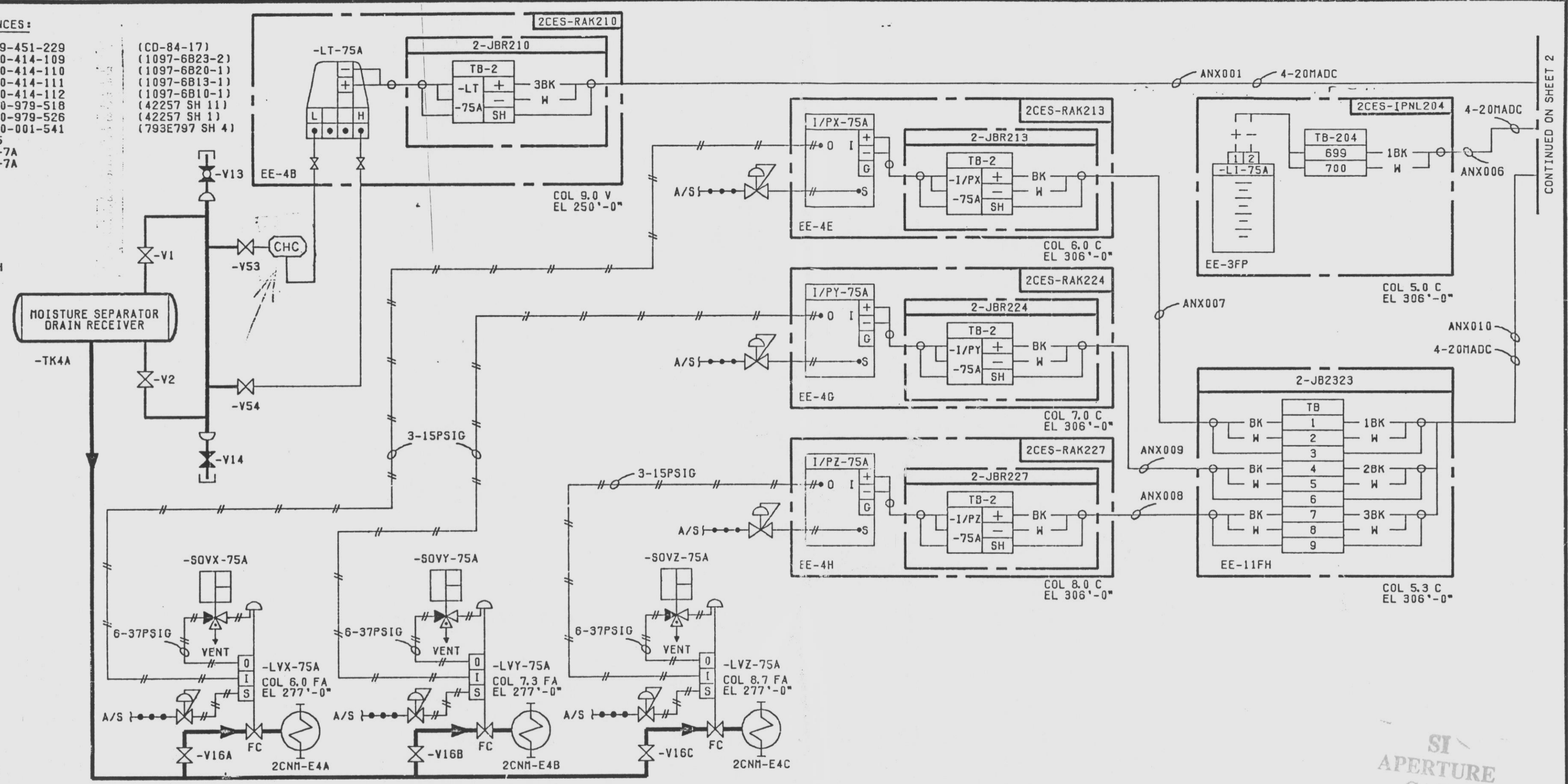


FOR INFORMATION ONLY

REFERENCES:

- 0007.159-451-229 (CD-84-17)
- 0007.510-414-109 (1097-6B23-2)
- 0007.510-414-110 (1097-6B20-1)
- 0007.510-414-111 (1097-6B13-1)
- 0007.510-414-112 (1097-6B10-1)
- 0007.510-979-518 (42257 SH 11)
- 0007.510-979-526 (42257 SH 1)
- 0007.520-001-541 (793E797 SH 4)
- 2DSM-75
- FSK-32-7A
- LSK-32-7A
- EE-3AJ
- EE-3FP
- EE-3J
- EE-4B
- EE-4BA
- EE-4E
- EE-4G
- EE-4H
- EE-11FH



NOTES:

- FOR TEST PURPOSES ONLY-NOT TO BE USED FOR CONSTRUCTION.
- ALL INSTRUMENT AND EQUIPMENT NUMBERS ARE TO BE PREFIXED WITH "2DSM" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
- LOOP ACTION: LT-75A MONITORS MOISTURE SEPARATOR RECEIVER TK4A WATER LEVEL AND PROVIDES A LEVEL SIGNAL TO LC-75A AND THE COMPUTER VIA PHRS-75A. AND TO LI-75A VIA PHRS-75A AND E/IW-75A. WITH LIKX-75A, LIKY-75A, LIKZ-75A IN AUTO (LIK SETS THE BIAS WHEN IN AUTO). LC-75A COMPARES LT-75A LEVEL SIGNAL TO AN INTERNAL SETPOINT AND THE AVERAGED BIAS SIGNALS FROM LYX-75A, LYY-75A, AND LYZ-75A AND PROVIDES A BALANCED ERROR SIGNAL TO MODULATE VALVES LVX-75A, LVY-75A AND LVZ-75A. LVX-75A WILL BE MODULATED BY EITHER LC-75A OR LIKX-75A (AUTO-MANUAL CONTROL STATION) VIA E/IX-75A AND I/PX-75A IF SOVX-75A IS ENERGIZED (SEE TL2DSM-013). LVY-75A WILL BE MODULATED BY EITHER LC-75A OR LIKY-75A VIA E/IY-75A AND I/PY-75A IF SOVY-75A IS ENERGIZED (SEE TL2DSM-014). LVZ-75A WILL BE MODULATED BY EITHER LC-75A OR LIKZ-75A VIA E/IZ-75A AND I/PZ-75A IF SOVZ-75A IS ENERGIZED (SEE TLDSM-015). WHEN LIKX-75A, LIKY-75A OR LIKZ-75A IS IN THE MANUAL POSITION IT WILL BE USED TO CONTROL ITS RESPECTIVE CONTROL VALVE. THE OTHER VALVES' POSITION WILL BE READJUSTED VIA THE LC-75A BALANCED ERROR SIGNAL TO MAINTAIN TK4A LEVEL CONTROL.

TURBINE BLDG

SI APERTURE CARD

QA CAT II

TEST LOOP DIAGRAM
 MSTR SEP DR RCVR TK4A NORM WTR LVL CONT
 2DSM-LT-75A
 NINE MILE POINT NUCLEAR STATION-UNIT 2
 NIAGARA MOHAWK POWER CORPORATION

STONE & WEBSTER ENGINEERING CORPORATION

DATE PREPARED	DATE APPROVED	DATE PREPARED	DATE APPROVED	DATE PREPARED	DATE APPROVED
4	3	2	1	0	2
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SHEET 1 OF 2
12177-TL2DSM-005

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