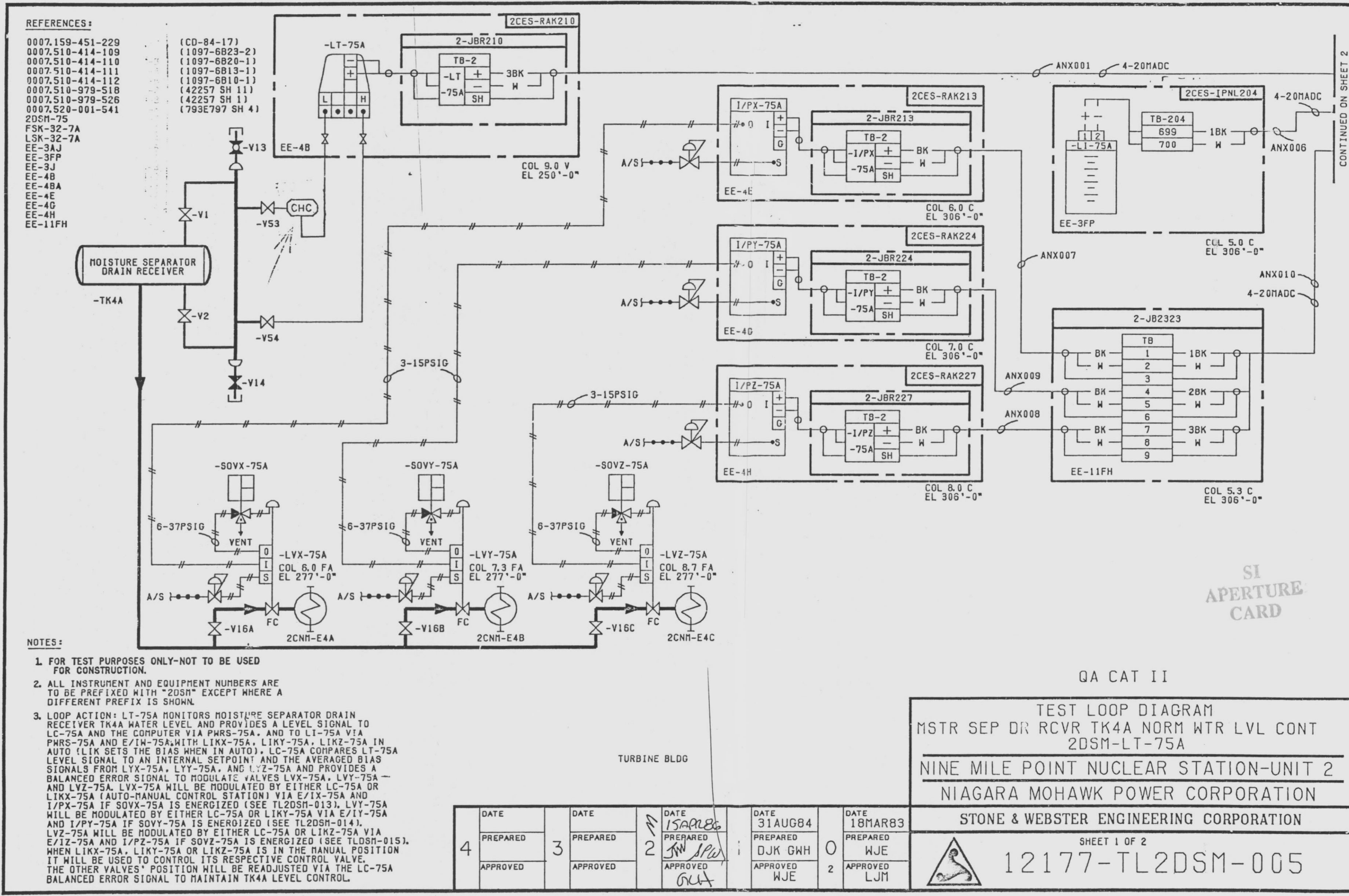


FOR INFORMATION ONLY



- REFERENCES:
- 0007.159-451-229
 - 0007.510-414-109
 - 0007.510-414-110
 - 0007.510-414-111
 - 0007.510-414-112
 - 0007.510-979-518
 - 0007.510-979-526
 - 0007.520-001-541
 - 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

- (CD-84-17)
- (1097-6B23-2)
- (1097-6B20-1)
- (1097-6B13-1)
- (1097-6B10-1)
- (42257 SH 11)
- (42257 SH 1)
- (793E797 SH 4)

- NOTES:
1. FOR TEST PURPOSES ONLY-NOT TO BE USED FOR CONSTRUCTION.
 2. ALL INSTRUMENT AND EQUIPMENT NUMBERS ARE TO BE PREFIXED WITH "2DSM" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
 3. LOOP ACTION: LT-75A MONITORS MOISTURE SEPARATOR DRAIN 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/IW-75A AND I/PZ-75A IF SOVZ-75A IS ENERGIZED (SEE TL2DSM-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.

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

SHEET 1 OF 2
12177-TL2DSM-005

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

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INFORMATION ONLY

CONTINUED ON SHEET 2