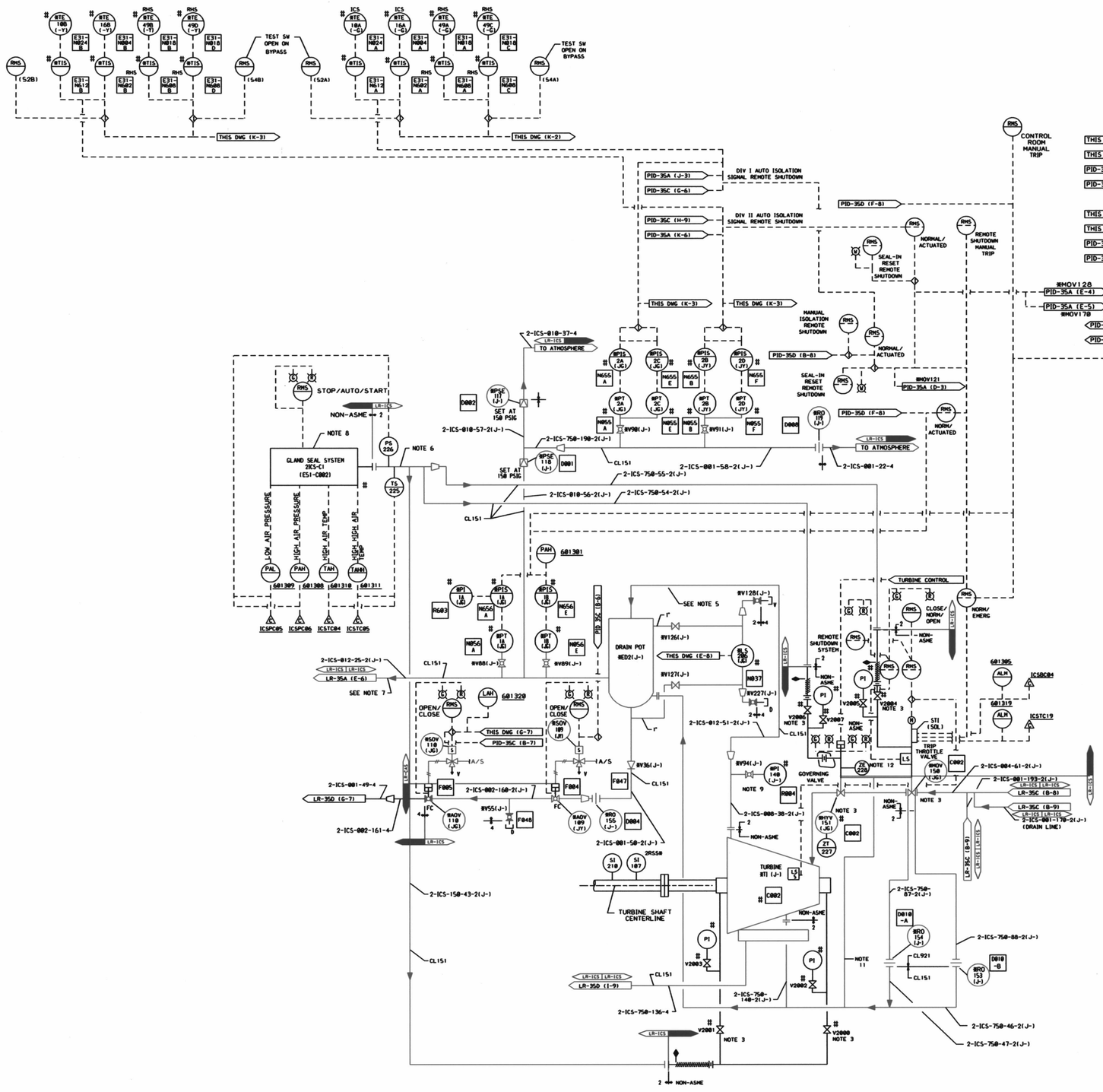
LR-35B-0

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HYV151	BY VENDOR		1
MOV150	BY VENDOR		1
V227	VOS060-D-2	3/4"	1
V36	VCS060-H-2	1"	1
V55,88,89,90 V91,94,128	VOS060-D-2	3/4"	7
V126,127	VCS060-C-2	1"	2
V2000 THRU V2007	BY VENDOR		8



NOTES.

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "21CS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (#) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF THE NUCLEAR SAFETY FEATURES SYSTEM.
2. GENERAL ELECTRIC IDENTIFICATION NUMBERS SHOWN IN SQUARES. (TO BE PREFIXED BY ES1 UNLESS OTHERWISE PREFIXED).
3. THIS EQUIPMENT IS SUPPLIED AS PART OF G.E.'s MPL ES1-C002.
4. ALL LOCAL VENT, DRAIN, TEST, LEVEL, AND PRESSURE CONNECTIONS ARE 3/4" UNLESS OTHERWISE NOTED.
5. THE LENGTH OF PIPE FROM RCIC (ICS) TURB TO DRAIN POT #ED2 SHOULD BE MINIMIZED AND SLOPED DOWN A MINIMUM OF 1/8" PER FOOT OF THE HORIZONTAL PIPE RUN.
6. THE LENGTH OF PIPE FROM GLAND SEAL COMPRESSOR SHOULD HAVE A CONTINUOUS SLOPE OF 1/4" PER FOOT FROM TURBINE TO AIR DISCHARGE FLANGE.
7. THE LENGTH OF PIPE FROM UPSTREAM SIDE OF CHECK VALVE #V29 TO THE TURBINE EXHAUST DRAIN POT #ED2 SHOULD BE SLOPED DOWN A MINIMUM OF 1/8" PER FOOT OF THE HORIZONTAL PIPE RUN.
8. THE EQUIP AND COMPONENTS ASSOCIATED WITH THE RCIC TURBINE CAN BE FOUND ON DRAWINGS S & W FILE NO. 16.350-001-024,042, #97 AND #98.
9. VALVE POSITIONS ARE SHOWN FOR NORMAL OPERATION OF THE PLANT. THE SYSTEM IS ON STANDBY, READY TO START ON REACTOR WATER LOW LEVEL.
10. # DENOTES EQUIPMENT SUPPLIED BY GE-NED.
11. THIS PIPING (SHOWN OUT OF FUNCTION) ARRANGED AND SUPPLIED BY TURBINE VENDOR.
12. 21CS-2E220 IS USED FOR POSITION INPUT TO TRANSIENT ANALYSIS RECORDER (21CS#HYV151).

LR NOTE:
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F FOR LR BOUNDARY DRAWING NOTES. SYMBOLS. AND ACRONYMS.

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

SAFETY RELATED
QUALITY RELATED
NON-SAFETY RELATED

(REF. SAR FIG. 5.4-9b & ISPT-35B)

Constellation Energy Group

NINE MILE POINT NUCLEAR STATION UNIT 2 - SCRIBA, N.Y.

PIPING & INSTRUMENTATION DIAGRAM
REACTOR CORE ISOLATION COOLING

SCALE NONE | DRAWING NO LR-35B-0

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR

...\LR-035_b.dgn 5/14/2004 11:30:28 AM

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