DRAWING NUMBER LR-18039-C
SHEET NUMBER 1

OUTDOOR H_2 STORAGE

RESERVE *11 BANK

OPERATING *12 BANK

VENT TO ATMOS.

VENTS TO ATMOS.

OUTDOOR H_2 STORAGE CONTROL PANEL

TRAILER FILL CONNECTION

2400 /1500*

NCG-1-E

NCG-1 1/4-E

NCG-1 1/2-BL.

NCG-1 1/2-E

NOR-SUP-PCV

VENT-PCV

RES-SUP-PCV

SUP-MO-BV

SUP-AO-BV

VENT AND PURGE

TURBINE BLDG.

H_2 CONTROL CABINET

GEN. H_2 SYS. A1-4-2

H_2 STAND BY SUPPLY

*11 BOT PCV 2400 /75 PSIG

*12 BOT PCV

GENERATOR CASING

H_2

CO_2

GEN-PCV SET AT 45 PSIG

H_2 CALIBRATION

H_2 PURITY

H_2 ANALYZER

FILTER/DRYER

H_2 CONTROL CABINET

(FIRE PROTECTION PNL)

EMER. VENT-BV

SAMPLE POINT FOR TESTING PURGED MACHINE GAS

SET AT 90 PSIG

CO_2 CALIBRATION

CO_2 VAPOR HEATER

CO_2 VAPORIZERS

EXHAUST TO TURB. BLDG. ATMOS.

H_2 STATOR WATER PANEL

LIQUID DETECTOR

VENT TO ATMOS

ROOF

TURB. BLDG. FLOOR DRAIN

FILL

EQUALIZING

VENT

FIRE PROTECTION

CO_2 STORAGE UNIT

COMPRESSOR START/STOP

SET AT 375 PSI

SET AT 357 PSI

SET AT 341 PSI

NOTES:

1) NCG - FURNISHED BY NATIONAL CYLINDER GAS.

2) CCC - FURNISHED BY CARDOX CHEMTRON CORP.

3) G-XX - FURNISHED BY G.E. CO.

4) ANNUN. ON HYDRO STATOR WATER CONTOL PANEL.

5) ANNUN. ON MAIN FIRE PANEL NO. 2.

6) FOR ROOT VALVE SCHEDULE SEE DWG. F-45136-C (S20).

7) FOR INSTRUMENT DIAGRAM SEE DWG. A-69039-C (S13.1).

8) ANNUN. ON CONT. BD. PNL. 1A.

LR NOTE:
PLEASE REFER TO DRAWING LR-18000-C SHEETS 1 AND 2 FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

NOTE: THIS DRAWING WAS CREATED USING COMPUTER AIDED DRAFTING DO NOT MAKE MANUAL CHANGES

CONSTELLATION ENERGY GROUP

STA NINE MILE POINT NUCLEAR STATION UNIT NO. 1

ACC NO

APP		GENERATOR	
APP	APP	H_2 AND CO_2 SYSTEMS	
APP	DATE	P & I DIAGRAM	
DES	DR / DR CK		
HF	SCALE: NONE	DWG NO: LR-18039-C	INDEX: 3-N2-S13.1 / SH 1 / REV 0

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