DRAWING NUMBER C-18016-C
SHEET NUMBER 1

HYD. CONTROL UNIT TO HERE

TYPICAL FOR 129 DRIVES

EXHAUST WATER HEADER

TYP. FOR 129 DRIVES

COOLING WATER HEADER

CRD SINK

R.R.P. SEAL TEST

TYPICAL FOR 129 DRIVES

DRIVE WATER HEADER

TYP. FOR 129 DRIVES

CHARGING WATER HEADER

FILTER BYPASS

DRAIN

SYS. FLUSHING

STAINLESS STL. CARB. STL.

SYS. FLUSHING

REACTOR PRESSURE C-18015-C AT G-4

FLUSHING CONN'S

DEMIN. WATER STORAGE TANKS

RECIRC. TO COND. STORAGE TANK

CARBON STEEL STAINLESS STEEL

DRYWELL ENCLOSURE (INSIDE)

PENT X-174

M2 LEAK TEST STATION 7M

DRIVE WATER FILTER #11

DRIVE WATER FILTER #12

CONTROL ROD DRIVE PUMP #11

CONTROL ROD DRIVE PUMP #12

PUMP BRG. COOLER

GEAR OIL TEMP.

GEAR OIL COOLER

DIRECTIONAL CONTROL VALVE MANIFOLD

DRYWELL

ACCUMULATOR

HYD. CONTROL UNIT TYP. FOR 129 DRIVES

FROM SCRAM VALVE PILOT AIR HEADER C-18016-C SHT.2 AT B-4

TO SCRAM DISCH. HEADERS C-18016-C SHT.2 TYP. FOR 16 DRIVES AT B-3

C338 THRU C458 NO. 2 RPS

EXHAUST

NITROGEN SUPPLY

RUPTURE DISC

R.B.E.D.T.

R.B.E.D.T. C-18045-C SHEET 7 AT A-3

PUMP INTERLOCK

TRANSFER SWITCH

CRD-FCV-CLG

NOTES:

(1) TEMPORARY STRAINERS

(2) CHECK VALVE WITH ORIFICE

(3) FURNISHED WITH COMPUTER FOR PERFORMANCE CALCULATIONS

(4) FOR INSTRUMENTATION VALVE SCHEDULE SEE DRAWING F-45136-C (S2D)

(5) NOTE DELETED

(6) FOR INSTRUMENT DIAGRAM SEE DRAWING B-69816-C SH.2

CRITICAL DRAWING

D-01

ORIGINAL

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

REV	DATE	BY	REMARKS	CK	APP	MF
41	1-25-95	KBB	INCORPORATES CH-889284	-		

Constellation Energy Group

STA NINE MILE POINT NUCLEAR STATION UNIT NO. 1

CONTROL ROD DRIVE P & I DIAGRAM

APP LAH DATE 10/1/69 DES DR RAH CHK

SCALE NONE DWG NO C-18016-C INDEX 3-N2-S14 SH 1