DRAWING NUMBER LR-18012-C
SHEET 2

DRYWELL

REACTOR

TORUS

SECONDARY LOOP 80.1-12-CG

PRIMARY LOOP 80.1-12-CG

SYS. 80.1

80 - 6 - LT

80 - 12 - LT

80 - 3 - LT

80 - 4 - C

94 - 8 - C

(C-18014-C, SHEET 1) AT C-2 REACTOR PROTECTION SYS.

(C-18014-C, SHEET 1) AT C-3 REACTOR PROTECTION SYS.

N2 CONTROL C-18014-C SHEET 1 AT C-2

N2 CONTROL C-18014-C SHEET 1 AT C-3

COMPRESSED AIR TEST LR-18011-C SHEET 2 AT F-2

CONTAINMENT SPRAY PUMP *111

CONTAINMENT SPRAY PUMP *121

CONTAINMENT SPRAY PUMP *112

CONTAINMENT SPRAY PUMP *122

CTN-SP-INLET IV-111

CTN-SP-INLET IV-121

CTN-SP-INLET IV-122

CTN-SP-INLET IV-112

CTN-SP-SUCT. V-111

CTN-SP-SUCT. V-121

CTN-SP-SUCT. V-122

CONT. SPRAY RAW WATER HT. EXCH. *111

CONT. SPRAY RAW WATER HT. EXCH. *121

CONT. SPRAY RAW WATER HT. EXCH. *112

CONT. SPRAY RAW WATER HT. EXCH. *122

FROM RAW WATER PUMP *111 DISCH.

FROM RAW WATER PUMP *121 DISCH.

FROM RAW WATER PUMP *112 DISCH.

FROM RAW WATER PUMP *122 DISCH.

TO DRAIN

HEAT EXCH. VENT

WASTE DISPOSAL SYS. C-18045-C SHEET 7 AT F-2

SEE NOTE 8, SHEET 1 FOR FAILURE POSITIONS

SEE TYPICAL DETAIL AT G-2

FOR NOTES SEE SHEET 1

● SEE SHEET *1 FOR TYPICAL ARRANGEMENT

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

REACTOR PROTECTING SYSTEM			
DEVICE	CONDITION	IND. SCALE	ACTION
201.2-476 A, B, C, D	HI DRYWELL	≤3.5 PSIG	SCRAM, DRYWELL ISOLATION WITH LO LO VESSEL LEVEL 36-04 CONTAINMENT SPRAY WITH LO VESSEL PRESS. 365 PSIG 36-08 CORE SPRAY WITH LO LO LO VESSEL LEVEL 36-05 AUTO DEPRESS.

CONSTELLATION ENERGY GROUP

STA NINE MILE POINT NUCLEAR STATION UNIT NO. 1

ACC NO

APP

APP

APP

DES A.W.C. DR J.S.C DR CK D.F.B.

NF

SCALE NONE

REACTOR CONTAINMENT SPRAY SYSTEM P&I DIAGRAM

APP W.P.M.

DATE 7-8-00

DWG NO LR-18012-C

INDEX 3-N2-S14

SH 2

REV 0

...\LR-18012-C_002.dgn 5/16/2004 10:38:34 AM