DRAWING NUMBER LR-18018-C
SHEET NUMBER 2

SHUTDOWN COOLING HEAT EXCH. #13

38-12C NU01C

Rx SHUTDOWN COOLING RETURN LR-18018-C SHEET 1 AT C-5

SHUTDOWN COOLING FROM PUMPS LR-18018-C SHEET 1 AT E-5

RBCLC LR-18018-C SHEET 1 AT C-5

RBCLC LR-18018-C SHEET 1 AT E-5

SET AT (GE) PSIG (SCH X 13 COIL) (REL. V)

PSV 38-69 (NU01C)

PSV 70-349 (NU01C)

SET AT (GE) PSIG

RBEDT

H.P. VENT

70-296 (1")

BLANK FLANGE/SPACER 70-327

BLANK FLANGE/SPACER 70-328

70-58

70-61

70-295 L.C.

70-297 L.C.

70-298 L.C.

70-299 L.C.

70-300 L.C.

70-2-A

70-8-A

70-8-B

70-8-C

70-3-C

70-1-A

70-1 1/2-A

38-3/4"-C

38-8-B

98-1-A

98-2-1-A

98-4-A

98-2-A

98-3-A

98-2-8-A

98.2-51 (2")

98.2-52 (2")

98.2-53

98.2-54 (3/4")

98.2-55 (3/4")

98.2-62

98.2-63

98.2-64

98.2-65

98.2-66 (3/4")

98.2-67 (3/4")

98.2-68 (2")

98-107

98-108 (3/4")

98-111

98-112

98-114

98-115 (3/4")

98-116 (3/4")

98-117 (3/4")

98-121 (3/4")

98-122 (2")

98-123 (2")

98-124

98-125 (3/4")

98-126

98-127

98-128

98-130

98-131

98-136 (3/4")

98-137 (3/4")

98-152

98-193

89-1 1/2-C

72-414 (2")

72-418 (2")

72-422

72-423 (3/4")

REACTOR BLDG. — TURBINE BLDG.

SYS. 70 — SYS. 98.2

SYS. 98.2 — SYS. 98

SYS. 89 — SYS. 98.2

SYS. 98 — SYS. 70

SDC ROOM — RX. BLDG.

8" DRIP POT

4" FLUSH CONN.

L.P. DRN.

START-UP CONDENSATE BY-PASS

ELEC. BOILER #12 STEAM SUPPLY C-18043-C SHEET 2 AT D-2

CONDENSATE TO ELEC. BOILER #12 C-18043-C SHEET 2 AT G-3

SERVICE WATER RETURN C-18027-C SHEET 2 AT B-3

SERVICE WATER SUPPLY C-18027-C SHEET 2 AT B-3

VOLUME CHAMBER 98-110

CONDENSATE COOLER 98-111

PI 98.2-68

PI 98.2-69

PI 98-126

TI 98-130

TI 72-422

LC 98-128

LIC 98-131

LCV 98-127

NOTES:

1) TEMPORARY HOSES USED ONLY FOR REACTOR HYDRO HEAT-UP.

2) VALVES 70-58 & 61 ARE OPEN DURING REACTOR VESSEL HYDRO HEAT-UP. SPECIAL BLINDS ARE INSERTED BETWEEN VALVES & HEAT EXCH. #13. AFTER HEAT UP, THE BLINDS ARE REMOVED.

3) PSV LOCATED OFF HTX CHANNEL

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

REV	DATE	BY	REMARKS	CK	APP	MF

NIAGARA MOHAWK POWER CORPORATION

STA NINE MILE POINT NUCLEAR STATION UNIT NO. 1

ACC NO

REACTOR SHUTDOWN COOLING SYSTEM
REACTOR VESSEL HYDRO HEAT-UP SYS.
P & I DIAGRAM

DES	DR	DR CK	APP	APP	APP	APP	APP
MF	SCALE NONE	DWG NO LR-18018-C	INDEX 3-N2-S14	SH 2			

...\LR-18018-C_002.dgn 5/16/2004 11:29:06 AM

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