ISI-27383

ISI-27383

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

IP3.MECH

R.C. DRAIN TANK 9321-F-27193 SH. 1

3/4"-#445

CONTINUED ON DWG. ISI-27473

SIS ISI-27353

857D

2" X 1 1/2"-RC-2501R LINE #16A

1 1/2"-RC-2501R LINE #16

RC-2501R

FLANGE LEAK DETECTION

TE 401

897B

SIS ISI-27353

10-RC-2501R LINE #352

897D

10-RC-2501R LINE #350

3-RC-2501R LINE #61

3-RC-2501R LINE #62

14-RC-2501R LINE #63

857C

3/4-RC-2501R LINE #445

FO 544

RC-2505R

LOOP #2

LOOP #4

STEAM GENERATOR ITEM: RC-PC-SG-2

STEAM GENERATOR ITEM: RC-PC-SG-4

PRESSURIZER SURGE LINE

STEAM GENERATOR ITEM: RC-PC-SG-1

STEAM GENERATOR ITEM: RC-PC-SG-3

ELEVATION 7FT.(MIN.) ABOVE CONNECTION TO PUMP.

PRIMARY WATER 9321-F-27473

REACTOR COOLANT PUMP ITEM: RCP CPC 2 RCP CPI 2

REACTOR COOLANT PUMP ITEM: RCP CPC 4 RCP CPI 4

REACTOR COOLANT PUMP ITEM: RCP CPC 1 RCP CPI 1

REACTOR COOLANT PUMP ITEM: RCP CPC 3 RCP CPI 3

LINE #72 | LINE #382 | LINE #384 | LINE #74

LINE #71 | LINE #381 | LINE #383 | LINE #73

3/4"-#662 3/4"-RC-151R

3/4"-#661 3/4"-RC-151R

3/4"-#664 3/4"-RC-151R

3/4"-#663 3/4"-RC-151R

9321-F-27343

2-RC-151R | 3/4-RC-151R | 6-RC-151R | 1-RC-151R | ORIFICE

LC 490 | LC 491 | LC 492 | LC 493 | LC 486 | LC 487 | LC 488 | LC 489

AOV-553B F.C. | AOV-553C F.C. | AOV-553A F.C.

557B | 557A | 557C | 557D

DT ISI-27193 SH. 1

(SPARE)

TE 421B | TE 420B | TW 421B | FT 424 | FT 425 | FT 426

TW 423B | TE 423B | TW 423A | TE 423A

TW 421A1 | TE 421A1 | TW 421A3 | TE 421A3 | TW 421A2 | TE 421A2

TE 443A | TW 443A | TE 443B | TW 443B | TW 441A1 | TE 441A1 | TW 441A2 | TE 441A2 | TW 441A3 | TE 441A3

TE 441B | TW 441B | TE 440B

FT 446 | FT 445 | FT 444

TE 495B | TE 496B | PI 497B | TE 407B | TE 496F | TE 495F | PC 497B | LIC 494B | LIC 494F | YT 498B

TE 495D | TE 496D | PC 497D | LIC 494D | LIC 494H | TE 495H | TE 496H | YT 498D | PI 497D

TE 495A | TE 496A | PI 497A | TE 407A | TE 496E | TE 495E | PC 497A | LIC 494A | LIC 494E | YT 498A

TE 495C | TE 496C | TE 495G | TE 496G | TE 407C | PC 497C | LIC 494C | LIC 494G | PI 497C | YT 498C

TE 410 | TE 411B | TW 411B | TE 438A | TW 438A | TE 438B | TW 438B | TE 430B | TW 431B

TE 411A1 | TW 411A1 | TE 411A3 | TW 411A3 | TE 411A2 | TW 411A2 | TE 413A | TW 413A

TE 431A1 | TW 431A1 | TE 431A2 | TW 431A2 | TE 431A3 | TW 431A3

TE 433A | TW 433A | TE 433B | TW 433B

FT 416 | FT 415 | FT 414 | FT 435 | FT 436 | FT 434

PT 413 | PT 402 | PT 433

PT 475 | PT 476 | PT 403 | PT 443 | PT 479

A 27383 | (B-6)

TE 400 | TE 401

TE 438 | LT 438 | LM 438

UR 402 RED PEN | UR 402 GREEN PEN

RC-2501R LINE #82 | RC-2501R LINE #81 | RC-2501R LINE #83

3-RC-2501R LINE #79 | 3-RC-2501R LINE #80 | 3-RC-2501R LINE #96 | 3-RC-2501R LINE #61

3/4-RC-2501R LINE #522 | 3/4-RC-2501R LINE #445

14-RC-2501R LINE #10 | 14-RC-2501R LINE #63

10-RC-2501R LINE #351 | 10-RC-2501R LINE #353

1 1/2-RC-2501R LINE #753 | 1 1/2-RC-2501R LINE #754

3/8"-RC-2505R LINE #447

1-RC-2501R LINE #97

2-RC-2501R LINE #96

1-RC-2501R LINE #843

RC-2501R LINE #86

LINE #340 | LINE #74 | LINE #84

10" FUTURE PLOCAP

14-RC-2501R LINE #10

RC-540

RCS 9321-F-27473

SS | PVC | SS

RC-EXP-718 FLEX HOSE

RC-EXP-719 FLEX HOSE

RC-EXP-720 FLEX HOSE

RC-EXP-716 FLEX HOSE

RC-EXP-717 FLEX HOSE

2" X 1" RED. | 1 1/2" X 1" RED. | 1" X 3/4" RED.

3/4" SCH. 80S INNER MONITOR TUBE

3/4" SCH. 80S OUTER MONITOR TUBE

3/4"-SCH.80 INCONEL SB-167

3/4" X 3/8" RED.

CONT. ON DWG. 9321-F-72043

RESIDUAL HEAT REMOVAL LOOP (ACS) ISI-27203

CHARGING LINE (CVCS) ISI-27363

EXCESS LETDOWN LINE (CVCS) ISI-27363

LETDOWN LINE (CVCS) ISI-27363

AOV-371A | AOV-371B

S.S. ISI-27453

RCS HOT LEG PIPE

DETAIL A-A

LOOP #1 | LOOP #3

NOTES:

1. THIS DWG. SHALL BE USED ONLY FOR DETERMINING THE EXTENT OF THE INSERVICE INSPECTION BOUNDARIES.
2. BOUNDARIES SHOWN TO INCLUDE BOUNDARY VALVES WHERE APPROPRIATE. THE ACTUAL PRESSURE RETAINING I.S.I. BOUNDARIES FOR LEAKAGE AND HYDROSTATIC TESTING EXTEND ONLY TO VALVE INTERNALS THAT COMPRISE THE EFFECTIVE OBTURATOR ASSEMBLY.
3. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE ISI-27473

UNCONTROLLED DRAWING

Copy Date JAN 13 2000

CAUTION — Extended use of this drawing copy may result in its inaccuracy due to subsequent design changes and drawing updates

ISI LEGEND

- -1- -1- - ISI CLASS I
- -2- -2- - ISI CLASS II
- -3- -3- - ISI CLASS III

C.I.V. - CONTAINMENT ISOLATION VALVE

REV NO	DATE	DESCRIPTION	DWG CHK	DS	DE DM	PROJ APP.
7	1/14/95	UPDATED AS PER ENGINEERING REQUEST.	CLS PM REG	NM	RJD AE	MK
6	12/20/93	UPDATED TO 9321-F-27383, REV. 25.	PM REG	–	RJD AE	–
5	11/8/93	UPDATED TO 9321-F-27383, REV. 24, AND AS PER ENGINEERING REQUEST.	PM REG	–	RJD AE	–

REVISIONS

ISI DRAWING

THIS DRAWING WAS CREATED FROM 9321-F-27383

DWN	CHK'D
DES SUPV	
DISCIPLINE ENG	
DISCIPLINE MGR.	
PROJ APPROVAL	
DATE	

INDIAN POINT NO.3 NUCLEAR POWER PLANT

FLOW DIAGRAM REACTOR COOLANT SYSTEM SHEET NO.1

NewYorkPower Authority

SCALE NONE

DWG NO ISI-27383 SHEET

REV 7

Docket # 50-286
Accession # 9002140294
Date 1/18/2000
Regulatory Docket File

THIS IS A COMPUTER AIDED DESIGN DRAWING. A RECORD OF THE REVISIONS OF THIS DOCUMENT WITH APPROVAL, INITIALS/SIGNATURES, IS MAINTAINED IN THE FILES OF THE NEW YORK POWER AUTHORITY'S CONFIGURATION MANAGEMENT & ENGINEERING PROGRAMS SECTION W.P.O.