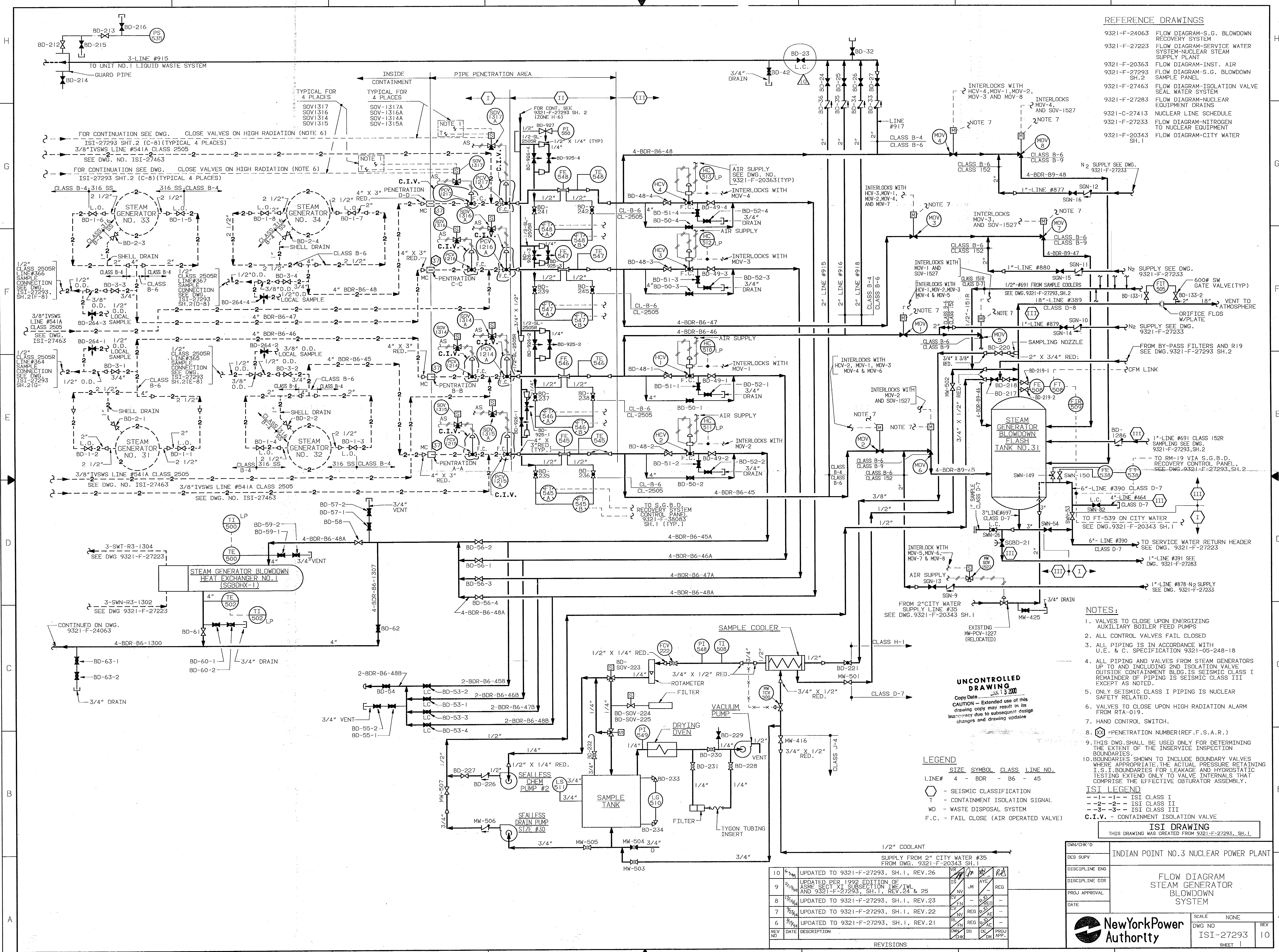


ISI-27293

SH.1

ISI-27293

SH.1



REFERENCE DRAWINGS

- 9321-F-24063 FLOW DIAGRAM-S.G. BLOWDOWN RECOVERY SYSTEM
9321-F-27223 FLOW DIAGRAM-SERVICE WATER SUPPLY PLANT
9321-F-20363 FLOW DIAGRAM-INST. AIR
9321-F-27293 FLOW DIAGRAM-S.G. BLOWDOWN SAMPLE PANEL
9321-F-27463 FLOW DIAGRAM-ISOLATION VALVE SEAL WATER SYSTEM
9321-F-27283 FLOW DIAGRAM-NUCLEAR EQUIPMENT DRAINS
9321-F-27413 NUCLEAR LINE SCHEDULE
9321-F-27233 FLOW DIAGRAM-NITROGEN TO NUCLEAR EQUIPMENT
9321-F-20343 FLOW DIAGRAM-CITY WATER SH.1

NOTES:

1. VALVES TO CLOSE UPON ENERGIZING AUXILIARY BOILER FEED PUMPS
2. ALL CONTROL VALVES FAIL CLOSED
3. ALL PIPING IS IN ACCORDANCE WITH U.E. & C. SPECIFICATION 9321-05-248-18
4. ALL PIPING AND VALVES FROM STEAM GENERATORS UP TO AND INCLUDING 2ND ISOLATION VALVE OUTSIDE CONTAINMENT BLDG. IS SEISMIC CLASS I. REMAINDER OF PIPING IS SEISMIC CLASS III EXCEPT AS NOTED.
5. ONLY SEISMIC CLASS I PIPING IS NUCLEAR SAFETY RELATED.
6. VALVES TO CLOSE UPON HIGH RADIATION ALARM FROM RTA-019.
7. HAND CONTROL SWITCH.
8. (X) - PENETRATION NUMBER (REF. F.S.A.R.)
9. THIS DWG. SHALL BE USED ONLY FOR DETERMINING THE EXTENT OF THE INSERVICE INSPECTION BOUNDARIES
10. 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 OBSTURATOR ASSEMBLY.

ISI LEGEND

- 1-1-1-- ISI CLASS I
--2-2-2-- ISI CLASS II
--3-3-3-- ISI CLASS III
C.I.V. - CONTAINMENT ISOLATION VALVE

ISI DRAWING

THIS DRAWING WAS CREATED FROM 9321-F-27293, SH.1

DESIGN	INDIAN POINT NO.3 NUCLEAR POWER PLANT
DISCIPLINE ENG	
DISCIPLINE DTR	
PROJ. APPROVAL	
DATE	
SCALE	NONE
DWG NO	ISI-27293
SHEET	10

NewYorkPower Authority

THIS IS A COMPUTER AIDED DESIGN DRAWING. A RECORD OF THE REVISIONS
THIS DOCUMENT WITH APPROVAL INITIALS AND SIGNATURES, IS MAINTAINED
IN THE FILES OF THE NEW YORK POWER AUTHORITY.

UNCONTROLLED DRAWING

Copy Date: 10/10/00
CAUTION - Extended use of this drawing copy may result in its inaccuracy due to subsequent design changes and drawing updates

LEGEND

- SIZE SYMBOL CLASS LINE NO.
LINE# 4 - BDR - B6 - 45
- SEISMIC CLASSIFICATION
- CONTAINMENT ISOLATION SIGNAL
WD - WASTE DISPOSAL SYSTEM
F.C. - FAIL CLOSE (AIR OPERATED VALVE)

REV	DATE	DESCRIPTION	BY	CHK	APP
10	6/2/99	UPDATED TO 9321-F-27293, SH.1, REV.26	VS	JK	RS
9	2/10/98	UPDATED PER 1992 EDITION OF ASME SECT. XI SUBSECTION IWE/IWM AND 9321-F-27293, SH.1, REV.24 & 25	IS	JK	REG
8	10/1/96	UPDATED TO 9321-F-27293, SH.1, REV.23	CV	FN	REG
7	2/3/96	UPDATED TO 9321-F-27293, SH.1, REV.22	CV	FN	REG
6	7/1/94	UPDATED TO 9321-F-27293, SH.1, REV.21	RI	FN	REG
5	1/1/94	UPDATED TO 9321-F-27293, SH.1, REV.20	RI	FN	REG
4	1/1/94	UPDATED TO 9321-F-27293, SH.1, REV.19	RI	FN	REG
3	1/1/94	UPDATED TO 9321-F-27293, SH.1, REV.18	RI	FN	REG
2	1/1/94	UPDATED TO 9321-F-27293, SH.1, REV.17	RI	FN	REG
1	1/1/94	UPDATED TO 9321-F-27293, SH.1, REV.16	RI	FN	REG

REVISIONS

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Date 1/13/2002
Regulatory Docket File