INSTRUMENT FLOW DIAGRAM

INSTRUMENT NITROGEN SYS.
FOR PCV-455C & PCV-456

FLOW DIAGRAM
NITROGEN TO NUCLEAR EQUIPMENT

INDIAN POINT NO.3 NUCLEAR POWER PLANT

NewYorkPower Authority

SCALE NONE

DWG NO ISI-27233

REV 17

SHEET

REVISIONS

REV NO	DATE	DESCRIPTION	DWN DHK	DS	DE DD	PROJ MGR
17	12/00	PENETRATION PIPING CHANGED BACK TO ORIGINAL CLASSIFICATION	CLG JM		JM	REG
16	11/18/98	UPDATED TO 9321-F-27233, REV. 37 & 38	VR NV		JM	REG
15	10/30/98	UPDATED TO 9321-F-27233, REV. 36	LS NV		JM	REG
14	9/11/97	UPDATED PER 1992 EDITION OF ASME SECT XI SUBSECTIONS IWE/IWL	VR NV		JM	REG
13	7/1/97	UPDATED TO 9321-F-27233, REV. 35	LS NV		JM	REG
12	7/17/97	UPDATED TO 9321-F-27233, REV. 34	DH NV		MSM	REG
11	8/8/96	UPDATED TO 9321-F-27233, REV. 33	DH NV		MSM	REG

REFERENCE DRAWINGS:

U.E.& C.DWG.NO.	TITLE
9321-F-20183,SH.1	CONDENSATE & BOILER FEED PUMP SUCTION
9321-F-27193,SH.1 & 2	WASTE DISPOSAL SYSTEM-SHEET 1
9321-F-27303	WASTE DISPOSAL SYSTEM-GAS
9321-F-27363	CHEM.& VOL.CONTROL SYSTEM-SHEET 1
9321-F-27373	CHEM.& VOL.CONTROL SYSTEM-SHEET 2
9321-F-27463	ISOLATION VALVE SEAL WATER SYSTEM
9321-F-27473	REACTOR COOLANT SYSTEM-SHEET 2
9321-F-27503	SAFETY INJECTION SYSTEM-SHEET 2
9321-F-27533	HYDROGEN RECOMBINER
9321-F-27413	NUCLEAR LINE SCHEDULE
9321-F-27293,SH.1	STEAM GENERATOR BLOWDOWN SYSTEM
9321-F-70123	INSTRUMENT PIPING SCHEMATICS SHEET NO.3
A210773	N_2 ACTUATION SYS. FOR PCV-455C & PCV-456 INSTR. FLOW DIAG. & DETAILS. (CON.ED.DWG)
9321-F-27253	FLOW DIA.AUTOMATIC GAS ANALYZER SYSTEM
9321-F-27263	FLOW DIA. PENETRATION AND WELD LINER JOINT CHANNEL PRESSURIZATION SYSTEM
9321-F-70413	INSTRUMENT PIPING SCHEMATICS SH.3 PRIMARY AUX. BLDG INSTR. ARRG'T SH.2 INSTM.

LEGEND:

VH___VENT HEADER
DH___DRAIN HEADER
△___CONTAINMENT PENETRATION
⬡___SEISMIC CLASSIFICATION
V___LOCAL VENT

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

NOTES:

1. (XX) = PENETRATION NUMBER (REF. F.S.A.R.)
2. THIS DWG.SHALL BE USED ONLY FOR DETERMINING THE EXTENT OF THE INSERVICE INSPECTION BOUNDARIES.
3. 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.
4. ALL CONTAINMENT PENETRATIONS ARE ISI CLASS MC.
5. ISI BOUNDARY ENDS AT FIRST WELD INSIDE OR OUTSIDE CONTAINMENT BUILDING UNLESS OTHERWISE NOTED.

ISI DRAWING
THIS DRAWING WAS CREATED FROM 9321-F-27233

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

Docket # 50-286
Accession # 0003680224
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.

COMMENT= DRWG=DSL_0.DGN(HEL 2) LAST FILE=0001309.00
SCALE= 1.0000 DRAWID=ISI-27233 ISI-27233
LOGIN ID=DSL0VIEW ACCESS=NONE
PLOT=