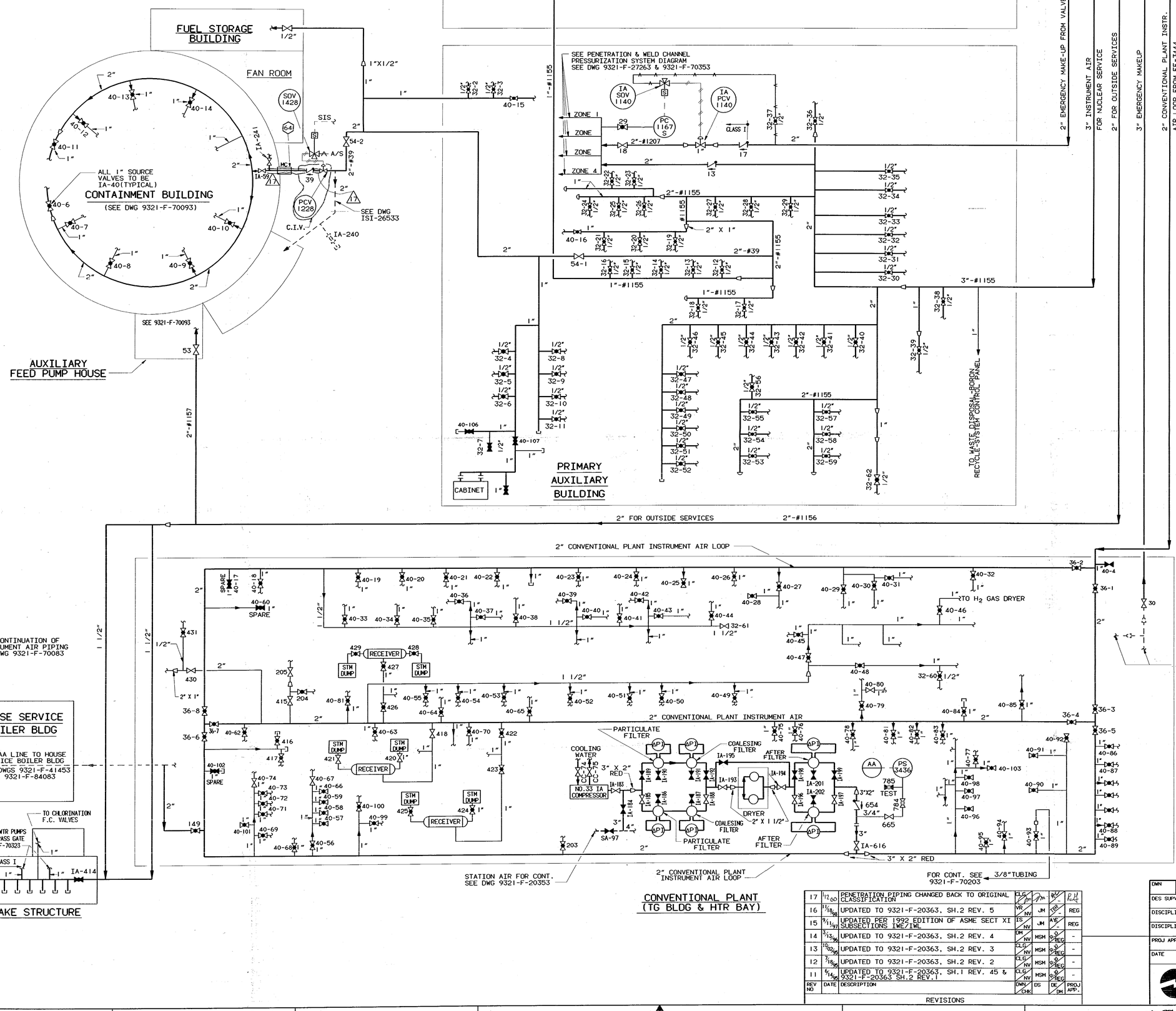

REFERENCE DWGS:

9321-D-20163	FLOW DIAGRAM SYMBOLS.
9321-F-21133	STATION AND INSTR.AIR PIPING SHT.NO.1
9321-F-21143	STATION AND INSTR.AIR PIPING SHT.NO.2
9321-F-21153	STATION AND INSTR.AIR PIPING SHT.NO.3
9321-F-21163	STATION AND INSTR.AIR PIPING SHT.NO.4
9321-F-70083	INSTRUMENT AIR SUPPLY,SH.1
9321-F-70093	INSTRUMENT AIR SUPPLY,SH.2
9321-F-22313	CONTROL BUILDING, RESTRAINT & SUPPORT DESIGN LINE #1146,THRU 1155 & 1158, SH.1
9321-H-20119	INTAKE STRUCTURE BLDG. SLUICE GATE VALVE INSTRUMENT AIR PARTIAL PLAN,SECTIONS & DETAILS.
9321-F-70483	INSTR. PIPING SCHEMATICS SH. NO.7 INSTRUMENTATION

NOTES:

1. ALL 1/2" SOURCE VALVES ARE NO.IA-32.
2. ALL 1" SOURCE VALVES ARE NO.IA-40.
3. SWITCH DEVICE CONTROLLED BY MULTIPLE SOLENOID VALVE.
4. ALL VALVE NO'S.ARE PRECEDED BY "IA" AS THE SYSTEM DESIGNATION EXCEPT AS NOTED.
5. (XX) = PENETRATION NUMBER(REF.F.S.A.R.)
6. THIS DWG.SHALL BE USED ONLY FOR DETERMINING THE EXTENT OF THE INSERVICE INSPECTION BOUNDARIES.
7. 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.
8. ALL CONTAINMENT PENETRATIONS ARE ISI CLASS MC.
9. ISI BOUNDARY ENDS AT FIRST WELD INSIDE OR OUTSIDE CONTAINMENT BUILDING UNLESS OTHERWISE NOTED.

ISI LEGEND

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

C.I.V. - CONTAINMENT ISOLATION VALVE

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 DRAWING

THIS DRAWING WAS CREATED FROM 9321-F-20363,SH.2

REV NO	DATE	DESCRIPTION	DWN CHK	DES	DE DM	PROJ APP.
17	1/12/00	PENETRATION PIPING CHANGED BACK TO ORIGINAL CLASSIFICATION	CLG NV	JM	RLH -	
16	11/18/98	UPDATED TO 9321-F-20363, SH.2 REV. 5	VR NV	JM	-	REG
15	9/11/97	UPDATED PER 1992 EDITION OF ASME SECT XI SUBSECTIONS IWE7IWL	TS NV	JM	-	REG
14	5/13/96	UPDATED TO 9321-F-20363, SH.2 REV. 4	DM NV	MSM	-	-
13	10/02/95	UPDATED TO 9321-F-20363, SH.2 REV. 3	CLG NV	MSM	-	-
12	7/18/95	UPDATED TO 9321-F-20363, SH.2 REV. 2	CLG NV	MSM	-	-
11	6/14/95	UPDATED TO 9321-F-20363, SH.1 REV. 45 & 9321-F-20363 SH.2 REV.1	CLG NV	MSM	-	-

REVISIONS

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

INDIAN POINT NO.3 NUCLEAR POWER PLANT

FLOW DIAGRAM INSTRUMENT AIR

NewYorkPower Authority

SCALE NONE

DWG NO ISI-20363

REV 17

SHEET

Docket # 50-286
Accession # 9912150284
Date 1/12/2000
Regulatory Docket File

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LAST PLOT: 07:41