

TABLE 1

TANK NO.	LT NO.
31	LT934A
32	LT934B
33	LT934C
34	LT934D

DETAIL "B"
TYP. FOR 4 ACCUM. TANKS
(FOR PHYSICAL HOOK-UP SEE DWG. A210198)

REFERENCES:

- PROCESS FLOW DIAGRAM DWG. 541-F-424
- DEFINITION OF SYMBOLS
 - E. SPEC. G-675176 REV. 3
 - E. SPEC. G-675164 REV. 0
- INSTALLATION OF INSTRUMENTATION
 - PROC. SPEC. CAP. 294367 REV. 1
- MATERIAL SPEC. PIPE AND FITTINGS
 - NYPA SPEC. TS-MS-024
 - E. SPEC. G-676398 REV. 3

LEGEND:

	TEMPORARY STRAINER		L.O. LOCKED OPEN
	ELECTRICAL HEAT TRACING		L.C. LOCKED CLOSED
	TRIP ON LOW LEVEL IN BORON INJECTION TANK		F.O. FAIL OPEN
	CONTAINMENT PENETRATION		F.C. FAIL CLOSED
	SEISMIC CLASSIFICATION		V LOCAL VENT
	QUICK DISCONNECT FOR TEST		D LOCAL DRAIN
			SENSOR W/ CAPILLARY

NOTES:

- PIPING IS SCHEDULE 140
- LOCATED IN HIGH SIDE OF PIPE IN LOCAL HIGH POINT
- ORIFICE IS SUPPLIED WITH PUMP PACKAGE
- MOUNTED WITH STEM HORIZONTAL
-
-
-
- PROVISION FOR A SECOND SUMP LINE
-
- BALANCE PISTON FLOW LINE FOR S.I. PUMP 32 IS INSIDE VALVES 887A AND 887B
- LOCATED AT LOW POINT OF PIPE WORK
- VALVES INSTALLED FOR VERTICAL DISCHARGE
- FLUSH LINE IS INSTALLED AS CLOSE TO VALVE INLET AS POSSIBLE
- LINE ARE DIRECTED TO THIRD SECTION OF THE SUMP (SECTION CONTAINING RECIRC. PUMPS)
- IVSWS OR LEAKOFF CONNECTIONS ON THE FOLLOWING VALVES 850A, 850B, 850C, 885A, 886A & B ARE PLUGGED OR CAPPED
- ALL VALVE NO.'S. ARE PRECEDED BY "SI" AS THE SYSTEM DESIGNATION EXCEPT AS NOTED
- NORMAL POSITION OF VALVES SI-2165, -2166, -2168, -2169, -2170, -2171, -2172 IS LOCK-THROTTLED, AS DETERMINED BY A SYSTEM FLOW BALANCE. VALVE MIN. STOP POSITION SET AT 0.25" TO ALLOW VALVE 855 TO PROTECT DOWNSTREAM PIPING.

REFERENCE DRAWINGS:

9321-F-27503 SIS	SAFETY INJECTION SYSTEM SHEET 2
27193 WDS	WASTE DISPOSAL SYSTEM SHEET 1 - CONTAINMENT
27203 ACS	AUXILIARY COOLANT SYSTEM - INSIDE CONTAINMENT
27513 ACS	AUXILIARY COOLANT SYSTEM IN PAB & FSB - SHEET 2
27363 CVCS	CHEMICAL & VOLUME CONTROL SYSTEM SHEET 1
27373 CVCS	CHEMICAL & VOLUME CONTROL SYSTEM SHEET 2
27383 RCS	REACTOR COOLANT SYSTEM SHEET 1
27473 RCS	REACTOR COOLANT SYSTEM SHEET 2
27233 N	NITROGEN TO NUCLEAR EQUIPMENT
27243 PW	PRIMARY MAKE-UP WATER SYSTEM
27453 SS	SAMPLING SYSTEM
27463 IVSWS	ISOLATION VALVE SEAL WATER SYSTEM
27273 AS	AUXILIARY STEAM & COND FOR PRIMARY AUX. BLDG.
9321-C-27413	NUCLEAR LINE SCHEDULE

WORK THIS DWG. WITH DWG. 9321-F-27503

NOTE:
ALL PIPING ON THIS DWG. IS SEISMIC CLASS I EXCEPT AS NOTED

REDRAWN FROM (W) DWG. 685J427 & 110E364

REV	DESCRIPTION	DATE	BY	CHK'D	APP.
44	INCORPORATED EC-71098	05/10/17	SM		

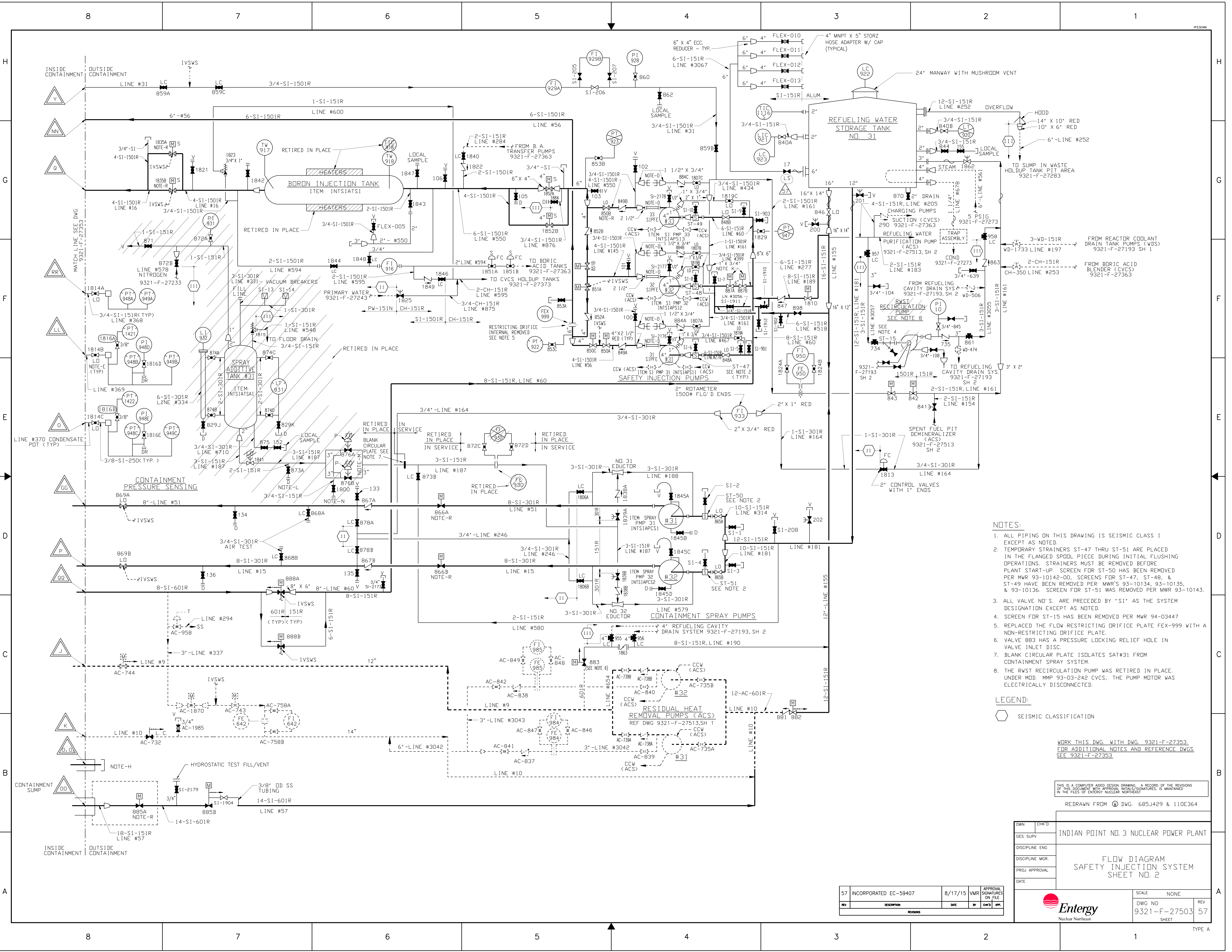
INDIAN POINT NO. 3 NUCLEAR POWER PLANT

FLOW DIAGRAM
SAFETY INJECTION SYSTEM
SHEET NO. 1

Entergy
Nuclear Northeast

SCALE: NONE
DWG NO 9321-F-27353
SHEET 44

TYPE A/ISI/FSAR



- NOTES:
- ALL PIPING ON THIS DRAWING IS SEISMIC CLASS 1 EXCEPT AS NOTED.
 - TEMPORARY STRAINERS ST-47 THRU ST-51 ARE PLACED IN THE FLANGED SPOOL PIECE DURING INITIAL FLUSHING OPERATIONS. STRAINERS MUST BE REMOVED BEFORE PLANT START-UP. SCREEN FOR ST-50 HAS BEEN REMOVED PER MWR 93-10142-00. SCREENS FOR ST-47, ST-48, & ST-49 HAVE BEEN REMOVED PER MWR'S 93-10134, 93-10135, & 93-10136. SCREEN FOR ST-51 WAS REMOVED PER MWR 93-10143.
 - ALL VALVE NO.'S. ARE PRECEDED BY 'SI' AS THE SYSTEM DESIGNATION EXCEPT AS NOTED.
 - SCREEN FOR ST-15 HAS BEEN REMOVED PER MWR 94-03447.
 - REPLACED THE FLOW RESTRICTING ORIFICE PLATE FEX-999 WITH A NON-RESTRICTING ORIFICE PLATE.
 - VALVE 883 HAS A PRESSURE LOCKING RELIEF HOLE IN VALVE INLET DISC.
 - BLANK CIRCULAR PLATE ISOLATES SAT#31 FROM CONTAINMENT SPRAY SYSTEM.
 - THE RWST RECIRCULATION PUMP WAS RETIRED IN PLACE. UNDER MOD. MMP 93-03-242 CVCS, THE PUMP MOTOR WAS ELECTRICALLY DISCONNECTED.

LEGEND:

SEISMIC CLASSIFICATION

WORK THIS DWG. WITH DWG. 9321-F-27353. FOR ADDITIONAL NOTES AND REFERENCE DWGS. SEE 9321-F-27353.

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REDRAWN FROM DWG. 685J429 & 110E364

DWN	CHK'D	INDIAN POINT NO. 3 NUCLEAR POWER PLANT
DES. SUPV		
DISCIPLINE ENG		
DISCIPLINE MGR.		
PROJ. APPROVAL		
DATE		
57	INCORPORATED EC-59407	8/17/15 VMR
REV	DESCRIPTION	REVISIONS
57		

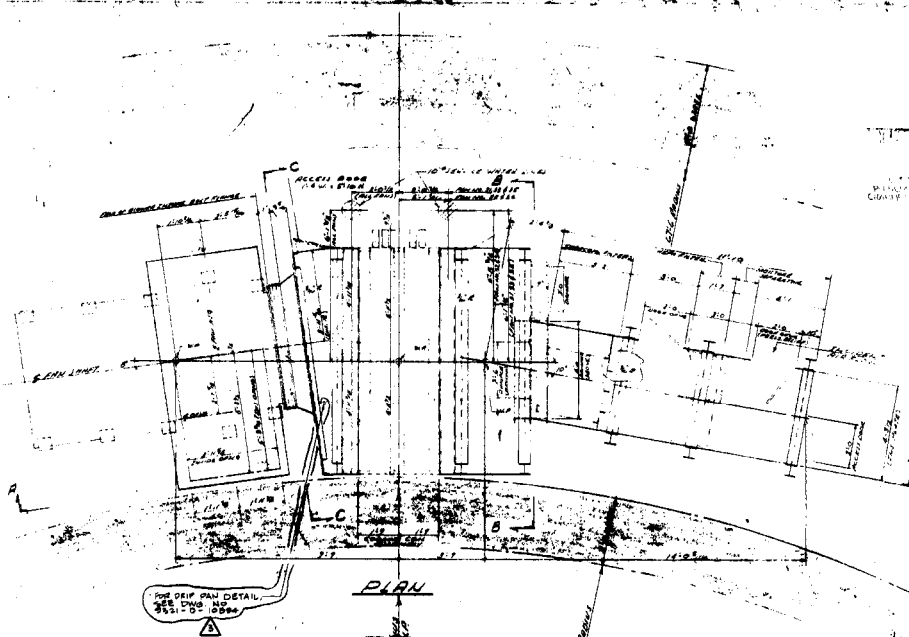
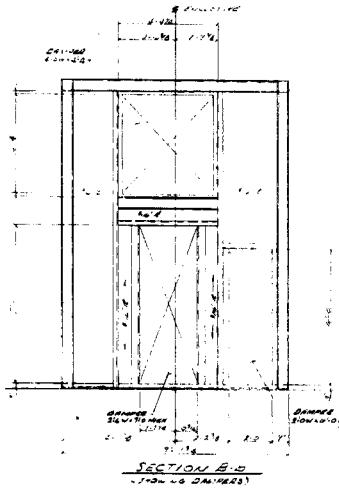


SCALE NONE
DWG NO 9321-F-27503
SHEET 57

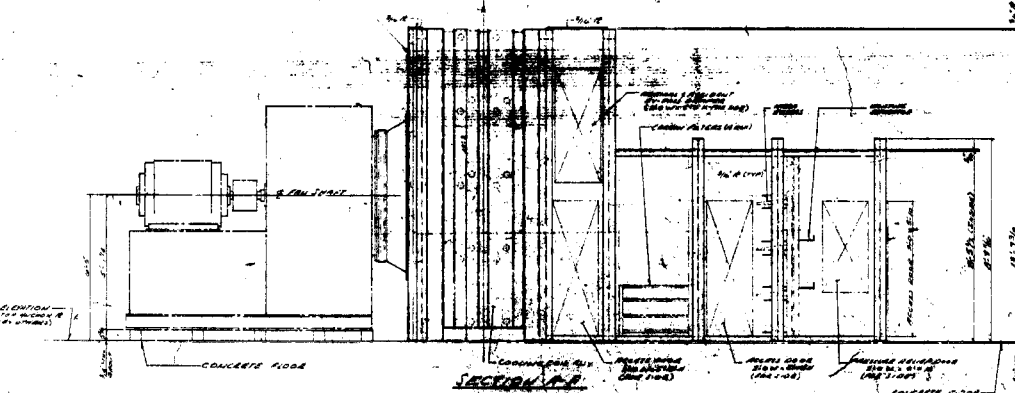
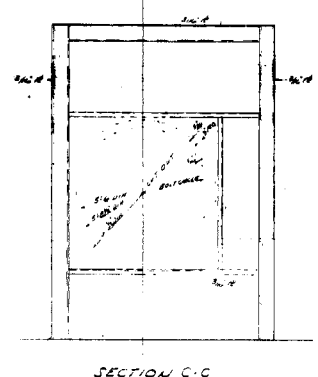
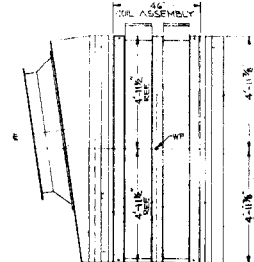
TYPE A

W

636F269 APH
1903M
0686



DETAIL OF BANK ASSEMBLY



- 1. GROUT TO FLOOR FOR WATERPROOFING.
- 2. INSTALL JUNCTION BOX LOCATING COILS AND ASSEMBLY BY WELDING BATH LINE & COILS TO WATERPROOFING.
- 3. ASSEMBLY COILS TO WATERPROOFING.
- 4. ASSEMBLY COILS TO WATERPROOFING.
- 5. ASSEMBLY COILS TO WATERPROOFING.
- 6. ASSEMBLY COILS TO WATERPROOFING.
- 7. ASSEMBLY COILS TO WATERPROOFING.
- 8. ASSEMBLY COILS TO WATERPROOFING.
- 9. ASSEMBLY COILS TO WATERPROOFING.
- 10. ASSEMBLY COILS TO WATERPROOFING.

Approved for Construction
7/13/72
FASNY, MODIFICATION NO. 1 B-03-055 FOU
WESTINGHOUSE ELECTRIC CORP.
ST. LOUIS, MISSOURI
INDIAN POINT UNIT #43, UNIT
SPRING BRIDGE, MISSOURI

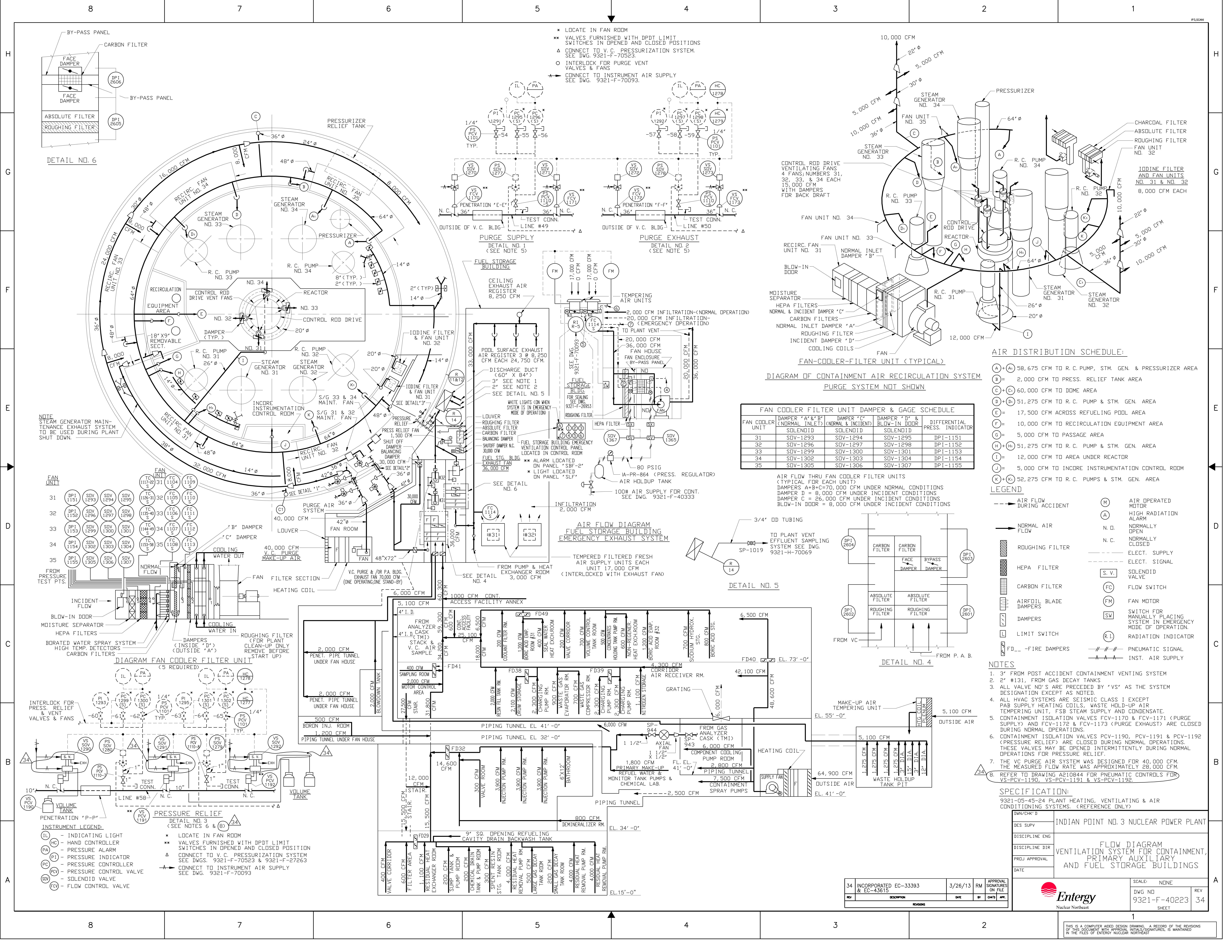


microfilm

636F269

636F269

USE DIA 20 FOR PRINT



AIR DISTRIBUTION SCHEDULE:

- (A) + (A) 58,675 CFM TO R.C. PUMP, STM. GEN. & PRESSURIZER AREA
- (B) = 2,000 CFM TO PRESS. RELIEF TANK AREA
- (C) + (C) 60,000 CFM TO DOME AREA
- (D) + (D) 51,275 CFM TO R.C. PUMP & STM. GEN. AREA
- (E) = 17,500 CFM ACROSS REFUELING POOL AREA
- (F) = 10,000 CFM TO RECIRCULATION EQUIPMENT AREA
- (G) = 5,000 CFM TO PASSAGE AREA
- (H) + (H) 51,275 CFM TO R.C. PUMP & STM. GEN. AREA
- (I) = 12,000 CFM TO AREA UNDER REACTOR
- (J) = 5,000 CFM TO INCORE INSTRUMENTATION CONTROL ROOM
- (K) + (K) 52,275 CFM TO R.C. PUMPS & STM. GEN. AREA

LEGEND

- AIR FLOW DURING ACCIDENT
- NORMAL AIR FLOW
- ROUGHING FILTER
- HEPA FILTER
- CARBON FILTER
- AIRFOIL BLADE DAMPERS
- LIMIT SWITCH
- FD... - FIRE DAMPERS
- (M) AIR OPERATED MOTOR
- (A) HIGH RADIATION ALARM
- N.D. NORMALLY OPEN
- N.C. NORMALLY CLOSED
- ELEC. SUPPLY
- ELEC. SIGNAL
- (S.V.) SOLENOID VALVE
- (FC) FLOW SWITCH
- (FM) FAN MOTOR
- (SW) SWITCH FOR MANUALLY PLACING SYSTEM IN EMERGENCY MODE OF OPERATION
- (R.I.) RADIATION INDICATOR
- PNEUMATIC SIGNAL
- INST. AIR SUPPLY

NOTES

- 3" FROM POST ACCIDENT CONTAINMENT VENTING SYSTEM
- 2" #131, FROM GAS DECAY TANKS
- ALL VALVE NO.'S ARE PRECEDED BY 'VS' AS THE SYSTEM DESIGNATION EXCEPT AS NOTED
- ALL HVAC SYSTEMS ARE SEISMIC CLASS 1 EXCEPT PAB SUPPLY HEATING COILS, WASTE HOLD-UP AIR TEMPERING UNIT, FSB STEAM SUPPLY AND CONDENSATE
- CONTAINMENT ISOLATION VALVES FCV-1170 & FCV-1171 (PURGE SUPPLY) AND FCV-1172 & FCV-1173 (PURGE EXHAUST) ARE CLOSED DURING NORMAL OPERATIONS
- CONTAINMENT ISOLATION VALVES PCV-1190, PCV-1191 & PCV-1192 (PRESSURE RELIEF) ARE CLOSED DURING NORMAL OPERATIONS. THESE VALVES MAY BE OPENED INTERMITTENTLY DURING NORMAL OPERATIONS FOR PRESSURE RELIEF
- THE VC PURGE AIR SYSTEM WAS DESIGNED FOR 40,000 CFM. THE MEASURED FLOW RATE WAS APPROXIMATELY 28,000 CFM
- REFER TO DRAWING A210844 FOR PNEUMATIC CONTROLS FOR VS-PCV-1190, VS-PCV-1191 & VS-PCV-1192

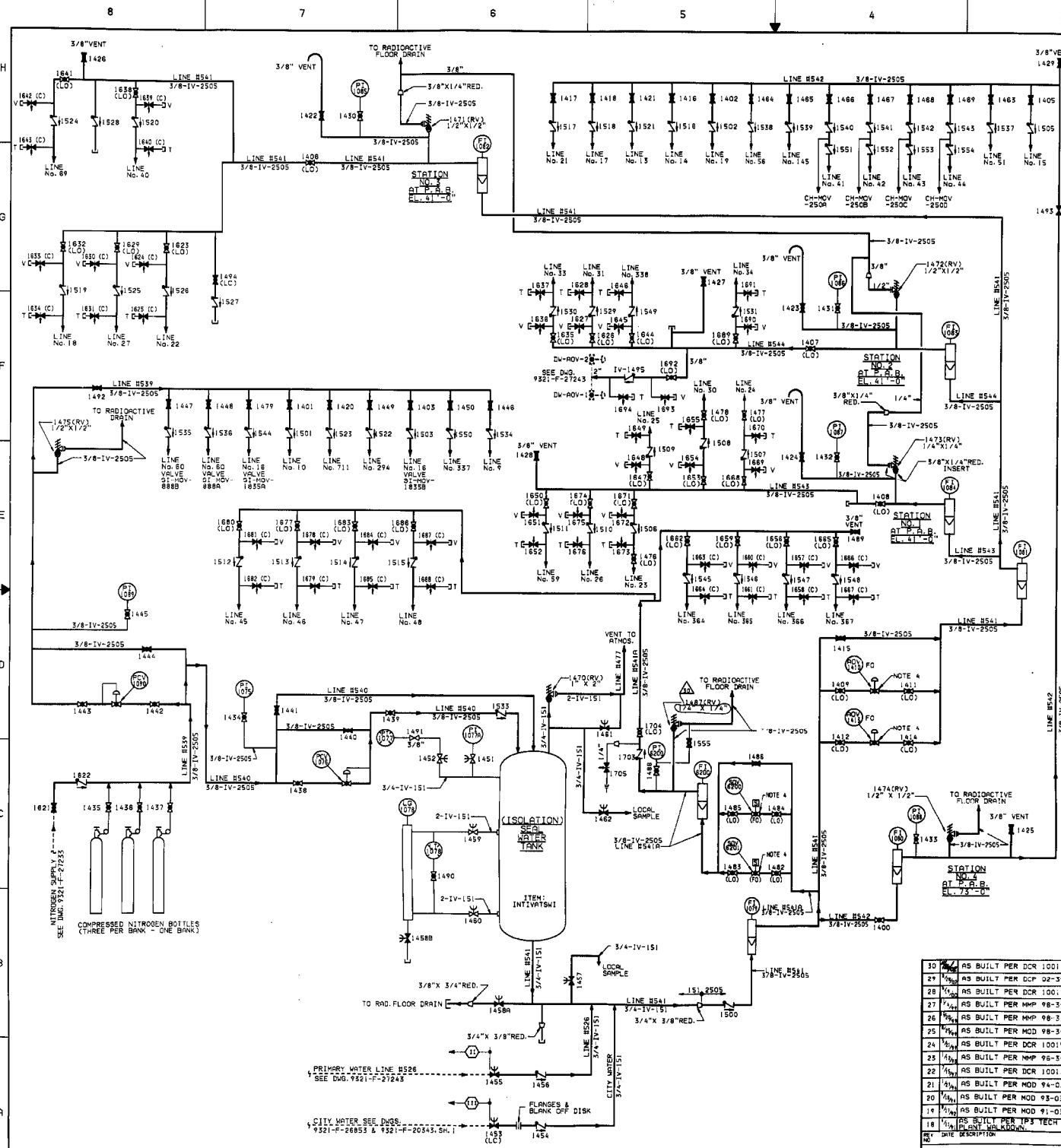
SPECIFICATION:

9321-05-45-24 PLANT HEATING, VENTILATING & AIR CONDITIONING SYSTEMS. (REFERENCE ONLY)

INDIAN POINT NO. 3 NUCLEAR POWER PLANT	
FLOW DIAGRAM VENTILATION SYSTEM FOR CONTAINMENT, PRIMARY AUXILIARY AND FUEL STORAGE BUILDINGS	
DESIGN: EC-33393 DWG NO: 9321-F-40223	DATE: 3/26/13
REVISIONS	APPROVAL
34 INCORPORATED EC-33393 & EC-43615	RM
34	34



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PENETRATION LIST					
LINE NO.	INJECTION POINT LOCATION	CONTAINMENT PENETRATION SLEEVE NO.	LINE DESCRIPTION	INJECTION POINTS (SEE NOTE 6)	REMARKS
10	PIPE TRENCH	Z	RESTOR. HEAT REMOVAL LOOP IN	AC-HOV-744	N ₂ INJ.
11	PIPE TRENCH	Z	RESTOR. HEAT REMOVAL LOOP OUT	AC-732	N ₂ INJ.
137	PIPE TRENCH	NONE	RHR PUMP HINTFLOW OUT	AC-HOV-713 & AC-HOV-1870	N ₂ INJ.
13	PIPE TRENCH	N	R.C. PUMPS COOLING WATER IN	AC-797 & AC-789	
14	PIPE TRENCH	C	R.C. PUMPS COOLING WATER OUT	AC-HOV-724 & AC-HOV-780	
21	PIPE TRENCH	C	R.C. PUMPS COOLING WATER OUT	AC-HOV-920 & AC-HOV-787	
15	PIPE TRENCH	P	CONTAINMENT SPRAY HEADER	SI-2890	
16	PIPE TRENCH	G	SAFETY INJECTION LINE FROM BORON INJECTION TANK	SI-HOV-1835A	N ₂ INJ.
17	PIPE TRENCH	R	R.C. PUMPS SEAL WATER RETURN	CH-HOV-222	
18	PIPE TRENCH	R	EXCESS LETDOWN HEAT EXCH. COOLING WATER RETURN	AC-HOV-718 & AC-HOV-776	
19	PIPE TRENCH	R	CHWARDING LINE	CH-HOV-205 & CH-HOV-226	
20	PIPE TRENCH	S	SPARE		
21	PIPE TRENCH	T	SPARE		
22	PIPE TRENCH	U	EXCESS LETDOWN HEAT EXCH. COOLING WATER SUPPLY	AC-HOV-741 & AC-HOV-778	
23	PIPE TRENCH	V	CONTAINMENT VENT HEADER	AC-HOV-728 & AC-HOV-1787	
24	PIPE TRENCH	V	P. R. T. GAS ANALYZER LINE	AC-HOV-548 & AC-HOV-549	
25	PIPE TRENCH	V	PRESSURIZER STEAM SAMPLE	SP-HOV-158A & SP-HOV-158B	
26	PIPE TRENCH	V	PRESSURIZER LIQUID SAMPLE	SP-HOV-158C & SP-HOV-158D	
27	PIPE TRENCH	X	LETDOWN LINE	CH-HOV-201 & CH-HOV-202	
30	PIPE TRENCH	Y	R.C. DRAIN TANK GAS ANALYZER LINE	AC-HOV-1788 & AC-HOV-1787	
31	PIPE TRENCH	Y	S.I. S. TEST LINE	SI-839A & SI-839C	
33	PIPE TRENCH	Y	P. R. T. MAKE-UP LINE	AC-HOV-511 & AC-HOV-552	
34	PIPE TRENCH	Y	STATION AIR	SA-24-1 & SA-24-2	
40	PIPE TRENCH	Z	R.C. DRAIN TANK PUMP DISCHARGE	AC-HOV-1708 & AC-HOV-1709	
41	PIPE TRENCH	Z	R.C. PUMP 31 SEAL INJECTION SUPPLY	CH-HOV-441 & CH-HOV-250B	
42	PIPE TRENCH	Z	R.C. PUMP 32 SEAL INJECTION SUPPLY	CH-HOV-442 & CH-HOV-250B	
43	PIPE TRENCH	Z	R.C. PUMP 33 SEAL INJECTION SUPPLY	CH-HOV-443 & CH-HOV-250C	
44	PIPE TRENCH	Z	R.C. PUMP 34 SEAL INJECTION SUPPLY	CH-HOV-444 & CH-HOV-250D	
45	PIPE TRENCH	AA	STEAM GENERATOR 33 BLOODLINE LINE	BD-PCV-121A & BD-PCV-121B	
46	PIPE TRENCH	BB	STEAM GENERATOR 31 BLOODLINE LINE	BD-PCV-121A & BD-PCV-121B	
47	PIPE TRENCH	CC	STEAM GENERATOR 33 BLOODLINE LINE	BD-PCV-121B & BD-PCV-121A	
48	PIPE TRENCH	DD	STEAM GENERATOR 34 BLOODLINE LINE	BD-PCV-121A & BD-PCV-121B	
51	PIPE TRENCH	DD	CONTAINMENT SPRAY HEADER	SI-889A	
18	IN PHB	Z	SAFETY INJECTION LINE FROM BORON INJECTION TANK	SI-839B	N ₂ INJ.
145	IN PHB	NN	SAFETY INJECTION LINE FROM SAFETY INJECTION PUMPS	SI-HOV-850A & SI-HOV-850C	
56	PIPE TRENCH	V	REACTOR COOLANT SAMPLE LINE	SP-HOV-158E & SP-HOV-158F	
60	PIPE TRENCH	DD	RESTOR. HEAT EXCH. TO SAFETY INJECTION PUMPS	SI-HOV-880B	
62	PIPE TRENCH	DD	RESTOR. HEAT EXCH. TO SAFETY INJECTION PUMPS	SI-HOV-880B	
69	PIPE TRENCH	DD	RESTOR. HEAT EXCH. TO SAFETY INJECTION PUMPS	SI-HOV-880B	
68	PIPE TRENCH	V	SUMP PUMP DISCHARGE	BD-HOV-1725 & BD-HOV-1728	
284	PIPE TRENCH	V	STEAM GENERATOR 31 BLOODLINE SAMPLE	BD-PCV-122A & BD-PCV-122B	
285	PIPE TRENCH	V	STEAM GENERATOR 32 BLOODLINE SAMPLE	BD-PCV-122A & BD-PCV-122A	
286	PIPE TRENCH	V	STEAM GENERATOR 33 BLOODLINE SAMPLE	BD-PCV-122A & BD-PCV-122A	
367	PIPE TRENCH	V	STEAM GENERATOR 34 BLOODLINE SAMPLE	BD-PCV-122B & BD-PCV-122B	
711	PIPE TRENCH	TT	RESTOR. PUMP DISCHARGE SAMPLE	SP-HOV-1708 & SP-HOV-1708	N ₂ INJ.
274	PIPE TRENCH	NONE	RESTOR. HEAT REMOVAL LOOP SAMPLE	AC-HOV-958 & AC-HOV-959	N ₂ INJ.

REFERENCES:

- DEFINITION OF SYMBOLS: G. SPEC. G. 675176 REV. 2
- INSTRUMENT & CONTROL STD. -- G. SPEC. G. 675176 REV. 2
- INSTRUMENT & CONTROL STD. -- INST. INSTR. LATION: SECTION 5.0
- MATERIAL, SPEC. & FITTINGS -- NYPA SPEC. TS-MS-024

REFERENCE DRAWINGS:

9321-F-2741X NUCLEAR LINE SCHEDULE
 9321-F-2741X REACTOR COOLANT SYSTEM SHEET NO. 2
 9321-F-2741X CHORD & VALVE LOCATIONS FOR INST. DIAG. SECTION 1.1. ISSUED AUG. 12, 1966
 9321-F-2741X WASTE DISPOSAL SYSTEM SHEET NO. 1 - CONTAINMENT
 9321-F-2741X WASTE DISPOSAL SYSTEM SHEET NO. 2
 9321-F-2741X SAFETY INJECTION SYSTEM SHEET NO. 1
 9321-F-2741X SAFETY INJECTION SYSTEM SHEET NO. 2
 9321-F-2741X STEAM & COND. DISTRIBUTION SYSTEM SHEET NO. 2
 9321-F-2741X PRIMARY MAKE-UP WATER SYSTEM SHEET NO. 2
 9321-F-2741X ISOLATION VALVE SEAL WATER PIPING SHEET NO. 1
 9321-F-2741X ISOLATION VALVE SEAL WATER PIPING SHEET NO. 2

LEGEND:

PW -- PRIMARY WATER
 FC -- FAIL CLOSED
 FO -- FAIL OPEN
 CW -- CITY WATER
 LO -- LOCKED OPEN
 D -- LOCAL DRAIN
 L -- LOCKED CLOSED
 S -- SEISMIC CLASSIFICATION
 V -- VENT
 T -- TEST

GENERAL NOTES:

- ALL PIPING IS 2" S.S. O.D. TUBING (LINE DESIGNATIONS) 3/8"-1V-2505 EXCEPT AS NOTED.
- ADDITIONAL VENTS AND DRAINS MAY BE INSTALLED. SEE PIPING LAYOUT.
- THE INDIVIDUAL SEAL WATER LINES ARE ROUTED TO THE CONTAINMENT ISOLATION POINTS BY THE VALVE NUMBERS INDICATED.
- VALVES ACV-1410 & ACV-1413 & SOV-8200 & SOV-8201 ARE OPENED AUTOMATICALLY BY A PHASE 1A CONTAINMENT ISOLATION SIGNAL.
- ALL VALVE NO.'S ARE PRECEDED BY "IV" AS THE SYSTEM DESIGNATION EXCEPT AS NOTED.
- SEAL WATER IS INJECTED THROUGH THE SEATS AND STEM PACKING OF SINGLE VALVES AND INTO THE PIPELINE BETWEEN TWO VALVES. ONE AND TWO VALVE NO.'S ARE THEREFORE FURNISHED RESPECTIVELY.

10	AS BUILT PER DCR 100165423	10	AS BUILT PER DCR 100165423
29	AS BUILT PER DCP 92-3-054	29	AS BUILT PER DCP 92-3-054
29	AS BUILT PER DCR 10017795	29	AS BUILT PER DCR 10017795
27	AS BUILT PER MMP 98-3-056 IVSW	27	AS BUILT PER MMP 98-3-056 IVSW
26	AS BUILT PER MMP 98-3-056 IVSW	26	AS BUILT PER MMP 98-3-056 IVSW
25	AS BUILT PER MOD 98-3-056 IVSW	25	AS BUILT PER MOD 98-3-056 IVSW
24	AS BUILT PER DCR 10015108	24	AS BUILT PER DCR 10015108
23	AS BUILT PER DCR 10015108	23	AS BUILT PER DCR 10015108
22	AS BUILT PER DCR 100138485	22	AS BUILT PER DCR 100138485
21	AS BUILT PER MOD 94-03-18651S	21	AS BUILT PER MOD 94-03-18651S
20	AS BUILT PER MOD 93-03-442CVC	20	AS BUILT PER MOD 93-03-442CVC
19	AS BUILT PER MOD 91-03-0721VSW	19	AS BUILT PER MOD 91-03-0721VSW
18	AS BUILT PER TPS TECH SERV. WTS-505M & 1/2 INCH VALVE DOWN.	18	AS BUILT PER TPS TECH SERV. WTS-505M & 1/2 INCH VALVE DOWN.
17	DATE DESCRIPTION	17	DATE DESCRIPTION
REVISIONS		REVISIONS	

SETBACK CLASS 1 & 2 EXCEPT AS NOTED.


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REDRAWN FROM DWG. 1136285

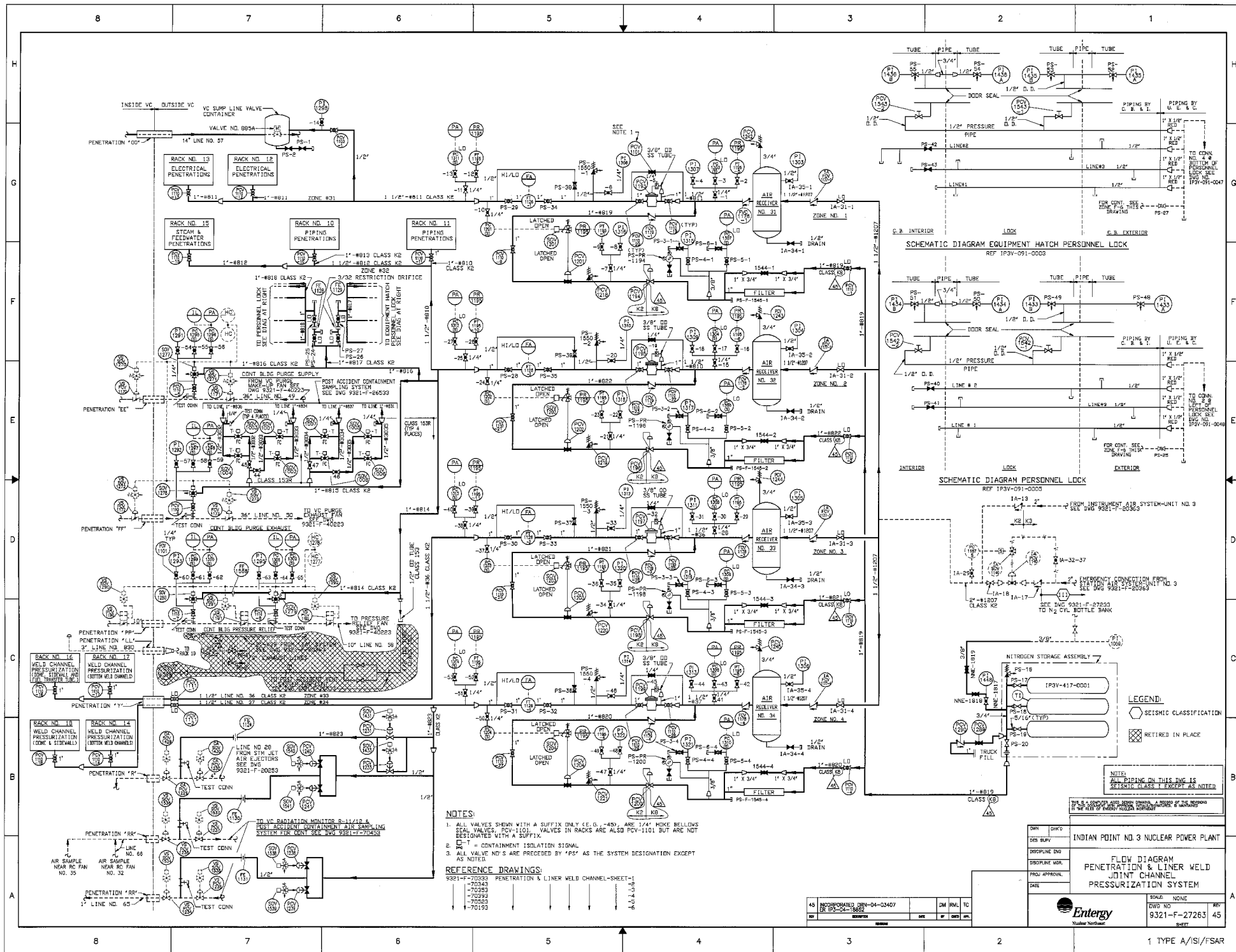
DWG/CHK'D
DES. SUPV.
DISCIPLINE ENG.
DISCIPLINE DIR.
PROJ. APPROVAL
DATE

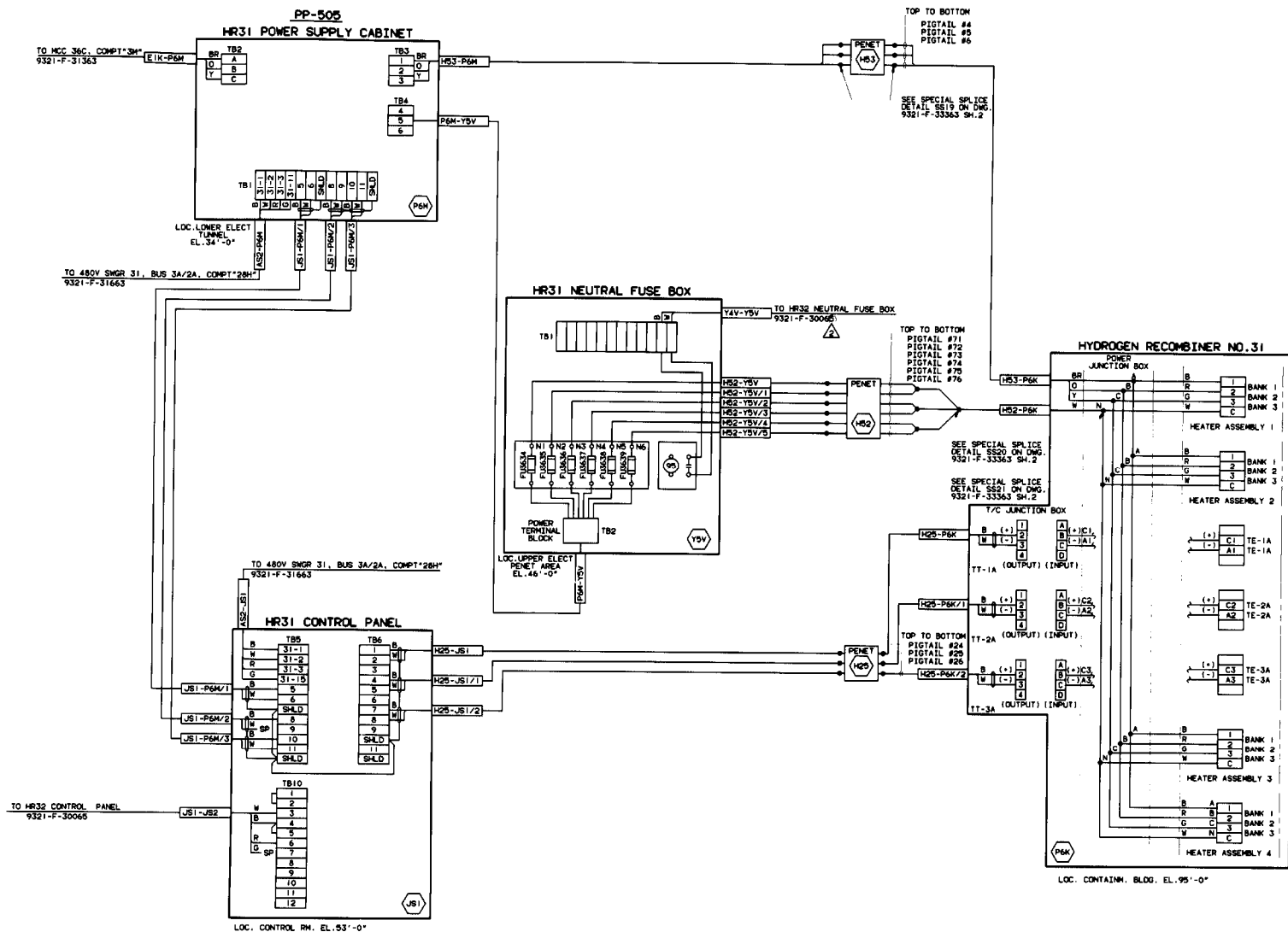
INDIAN POINT NO. 3 NUCLEAR POWER PLANT

FLOW DIAGRAM
ISOLATION VALVE SEAL
WATER SYSTEM

New York Power Authority

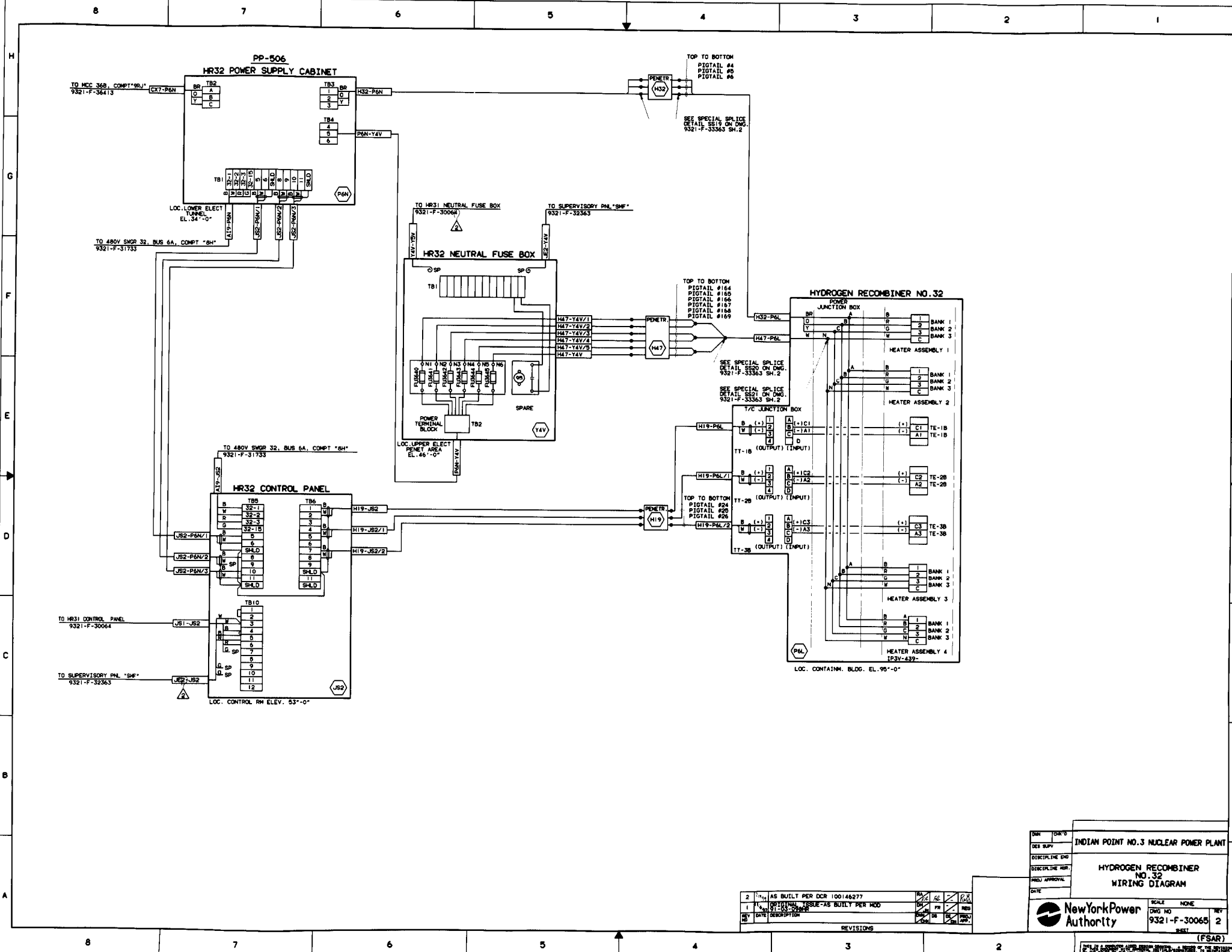
SCALE NONE
DWG NO 9321-F-27463
REV 30
SHEET 1





REV	DATE	DESCRIPTION	BY	CHK	APP
1		AS BUILT PER DCR100146280			
2		ORIGINAL ISSUE - AS BUILT PER			
3		REVISED			

DESIGN	DESIGN	INDIAN POINT NO. 3 NUCLEAR POWER PLANT
DESIGN	DESIGN	
DISCIPLINE	DISCIPLINE	HYDROGEN RECOMBINER NO. 31
DISCIPLINE	DISCIPLINE	WIRING DIAGRAM
DATE	DATE	
		SCALE: NONE DWG NO: 9321-F-30064 SHEET: 2 (FSAR)



2	AS BUILT PER DCR 100146277	MA	2/2	2/2	2/2	2/2
1	ISSUED AS BUILT PER HOD	MA	2/2	2/2	2/2	2/2
REV	DATE	DESCRIPTION	BY	CHKD	APP'D	REV
1	10/1/80	ISSUED AS BUILT PER HOD	MA	2/2	2/2	2/2

INDIAN POINT NO.3 NUCLEAR POWER PLANT	
HYDROGEN RECOMBINER NO. 32 WIRING DIAGRAM	
SCALE: NONE	REV: 2
New York Power Authority	
(FSAR)	