



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

REFERENCES:

1. PROCESS FLOW DIAGRAM DWG. 541-F-424
2. DEFINITION OF SYMBOLS
  - ⊙ E. SPEC. G-675176 REV.3
  - ⊙ E. SPEC. G-675164 REV.0
3. INSTALLATION OF INSTRUMENTATION
  - ⊙ PROC. SPEC. CAP. 294367 REV.1
4. MATERIAL SPEC. PIPE AND FITTINGS
  - ⊙ E. SPEC. G-569665 REV.4 AND
  - ⊙ E. SPEC. G-676398 REV.3

LEGEND:

- ⊠ TEMPORARY STRAINER
- ⊙ ELECTRICAL FLOW TRACING TRIP ON LOW LEVEL IN BORDN
- ⊙ INJECTION TANK
- ⊙ CONTAINMENT PENETRATION
- ⊙ SEISMIC CLASSIFICATION
- ⊙ QUICK DISCONNECT FOR TEST
- L.O. LOCKED OPEN
- L.C. LOCKED CLOSED
- F.O. FAIL OPEN
- F.C. FAIL CLOSED
- V LOCAL VENT
- 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 PIPE PACKAGE
- MOUNTED WITH STEM HORIZONTAL
- PROVISION FOR A SECOND SLIMP 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 IS DIRECTED TO THIRD SECTION OF THE SLIMP (SECTION CONTAINING RECIRC. PUMPS)
- IVSWS OR LEAKOFF CONNECTIONS ON THE FOLLOWING VALVES 880A, 880B, 850C, 885A, 866A & B ARE PLUGGED OR CAPPED
- ALL VALVE NOS. ARE PRECEDED BY "SI" AS THE SYSTEM DESIGNATION EXCEPT AS NOTED

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

9802110112

INFORMATION ONLY

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

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

REDRAWN FROM DWG. 685J427 & 110E364

INDIAN POINT NO.3 NUCLEAR POWER PLANT

FLOW DIAGRAM  
SAFETY INJECTION SYSTEM  
SHEET NO. 1

New York Power Authority  
9321-F-27353 34

TYPE A/ISI/FSAR

REV	NO	DATE	BY	CHK	APP	DESCRIPTION
34	1/26					AS BUILT PER DCR 100134888 AND DCR 100134890
33	1/26					AS BUILT PER DCR 100117000
32	1/26					AS BUILT PER DCR 100108128
31	1/26					AS BUILT PER DCR 100108128
30	1/26					AS BUILT PER DCR 100108128
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5	1/26					AS BUILT PER DCR 100108128
4	1/26					AS BUILT PER DCR 100108128
3	1/26					AS BUILT PER DCR 100108128
2	1/26					AS BUILT PER DCR 100108128
1	1/26					AS BUILT PER DCR 100108128

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