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8 7 6 5 4 3 2 1

SCAN_TP31

NOTES:

1. ALL SERVICE WATER VALVE NO'S. ARE PRECEDED BY "SWN" AS THE SYSTEM DESIGNATION.
2. SWN-55 IS A METERING VALVE WITH 4 - 1 3/4" HOLES DRILLED IN VALVE DISC.ZONE B-3.
3. WORK THIS DWG. WITH DWG. #9321-F-20333 SH.1

NOTE: PIPING AT COOLING COILS TYPICAL FOR ALL FANS

CONTAINMENT BUILDING VENTILATION COOLING COILS

RECIRC. FAN NO.34 — RECIRC. FAN NO.33 — RECIRC. FAN NO.31 — RECIRC. FAN NO.32 — RECIRC. FAN NO.35

INSIDE OF P.A.B. BLDG.

COMPONENT COOLING HEAT EXCHANGERS

FROM NUCLEAR SERVICES SEE DWG. 9321-F-20333 SHT.1

FROM MONITOR TANK PUMPS WD-151R 9321-F-27193 SH.2

FROM STEAM 6"-#390 GEN. BLOWDOWN TK. 9321-F-27293 SH.1

INSIDE CONTROL BLDG.

TO TC-1113 SEE DWG 9321-F-23913

DISCHARGE CANAL

COOLING WATER HEAT EXCHANGERS

DIESEL GENERATORS
400 GPM TO EACH OF 3 COOLERS

STEAM GENERATOR BLOWDOWN HEAT EXCHANGER NO. 1 (SGBDHX-1)

DIESEL START PERMISSIVE

SET @ 1000 GPM ON DECREASING FLOW

SET TO MAINTAIN 1350 GPM THROUGH VALVES

ANY DIESEL START DE-ENERGIZES SOV'S

S.I. SIGNAL HIGH L.O.TEMP. HIGH J.W.TEMP.

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Regulatory Docket File

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

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THIS DWG.WAS PREVIOUSLY 9321-F-27223.SH.2.

SI APERTURE CARD

REV NO	DATE	DESCRIPTION	DWN CHK	DS	DE DM	PROJ APP.
11	10/19/92	AS BUILT PER DCR 100066060, 100066063 & 100066067.	TD REG	-	- AE	-
10	9/28/92	AS BUILT PER DCR 100064080.	TD REG	-	- AE	-
9	9/8/92	AS BUILT PER MOD 89-03-226SWS & 90-03-290RMS.	RJW REG	-	- AE	-
8	7/13/92	AS BUILT PER MOD 88-03-242CCW, DCR 100042044 & 100028276.	TD REG	-	- AE	-
7	12/4/90	AS BUILT PER IP3 TECH. SERV. #D&D-104M.	DM REG	-	- AE	-
6	10/26/90	AS BUILT PER IP3 TECH. SERV. #D&D-40.	TD REG	-	- AE	-

REVISIONS

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

INDIAN POINT NO.3 NUCLEAR POWER PLANT

FLOW DIAGRAM SERVICE WATER SYSTEM NUCLEAR STEAM SUPPLY PLANT

New York Power Authority

SCALE: NONE

DWG NO 9321-F-27223 REV 11

SHEET

9302180154

AP-12/ISI FSAR