IP#3 840140-FE-001 IP#3 840140-FE-001 IP#3 840140-FE-001

ONE LINE DIAGRAM

480V BUS 2A — 480V BUS 6A — 480V SWGR DWG 9008871 SH.25 — 480V SWGR DWG 9008871 SH.26

DB-50 ACB 52/MG1 — DB-50 ACB 52/MG2

DB-50 ACB 52-1 — DB-50 ACB 52-2

DB-50 ACB 52/RTB — DB-50 ACB 52/BYB

DB-50 ACB 52/RTA — DB-50 ACB 52/BYA

SOLID STATE ROD CONTROL CABINETS

TO DRIVE PWR SUPPLY BUFFALO DWG

REACTOR TRIP SWGR — CONTROL BOARD — PROJECTION RACK

TRAIN-A

TRAIN-B

REACTOR TRIP RELAYS

REACTOR SWGR TRAIN 'A' AUTO DEFEAT KEY OPERATED SEL. SW.

REACTOR SWGR TRAIN 'B' AUTO DEFEAT KEY OPERATED SEL. SW.

TO ANNUNCIATOR SYSTEM DWG (UE&C DWG 9321-LL-31543 SH.8)

TO ANNUNCIATOR SYS DWG. 9321-LL-31353 SH. 1 & 2

DC AT RACK (125V DC DIST PNL 32 CKT 8)

DC AT RACK (125V DC DIST PNL 31 CKT 7)

125 VDC SOURCE (125V DC DIST PNL 32 CKT 10)

125 VDC SOURCE (125V DC DIST PNL 31 CKT 7)

52/RTA UNIT NO. 1B

52/BYB UNIT NO. 2B

52/RTB UNIT NO. 1C

52/BYA UNIT NO. 2B

ISOLATION SWITCH 1S/RTA

ISOLATION SWITCH 1S/RTB

ADJ. RES. 5KΩ, 25W

TEST JACKS

MANUAL TRIP OF BKR UV TRIP DEVICE

TO DEVICE (UNIT-1) DWG 11BB801 SH.B (RACK 14F)

TO DEVICE (UNIT-2) DWG 11BB801 SH.B (RACK 14F)

REACTOR TRIP RESET FCF 5018121 ITEM E-289

REACTOR TRIP BF.FCF 5018121 ITEM E-285

REACTOR TRIP BF582F 5018121 ITEM A-129

MISC RELAY CAB. DWG 11BE302 SH.3

20/AST UE&C DWG 9321-LL-31543 SH.2

20/ASB UE&C DWG 9321-LL-31543 SH.2

TO ANN

NOTES:

* — 2NN CONNECTION - DWG. #840140-CE-007

** — FIELD TO REVERSE CONTACTS TO "OC", RETAG WIRES AS SHOWN ON DWG

NOTE

● - POSITION (CELL) SWITCH SHOWN WITH BKR IN TEST POSITION OR DISCONNECTED

TEST SWITCH TS/RTA (B)

	NORMAL "N"	TEST "T"	DWG #
11-12	X		THIS DWG
13-14		X	SHAPE
21-22	X		THIS DWG
23-24		X	SPARE

X - DENOTES CONTACT CLOSED

UNCONTROLLED

TI APERTURE CARD

CATEGORY I

FOR INFORMATION

MICRO	NO.	DATE	DESCRIPTION
ENGINEER	2	10.13.80	FOR CONSTRUCTION
STATE REG.			

NUCLEAR SAFETY RELATED

INDIAN POINT NO. 3 NUCLEAR POWER PLT.

REACTOR PROTECTION SYSTEM CONTROL SCHEMATIC

POWER AUTHORITY OF THE STATE OF NEW YORK

DWG 840140-FE-001 REV 2 DATE 8-29-80

SCALE NONE

1972 M.166

INDIAN POINT UNIT NUMBER III

UNIT: 3

STATUS: AS MANUFACTURED

CERTIFICATION LETTER NO. IPP-4548

AUTHORITY E. U. POWELL

ENGR. LTR. NO. E-PED-6484

Westinghouse Electric Corporation

TITLE CONSOLIDATED EDISON CO. INDIAN POINT STATION UNIT NO. 3 REACTOR PROTECTION SYS. SCHEMATIC

1136301 SHEET 11 OF 11

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