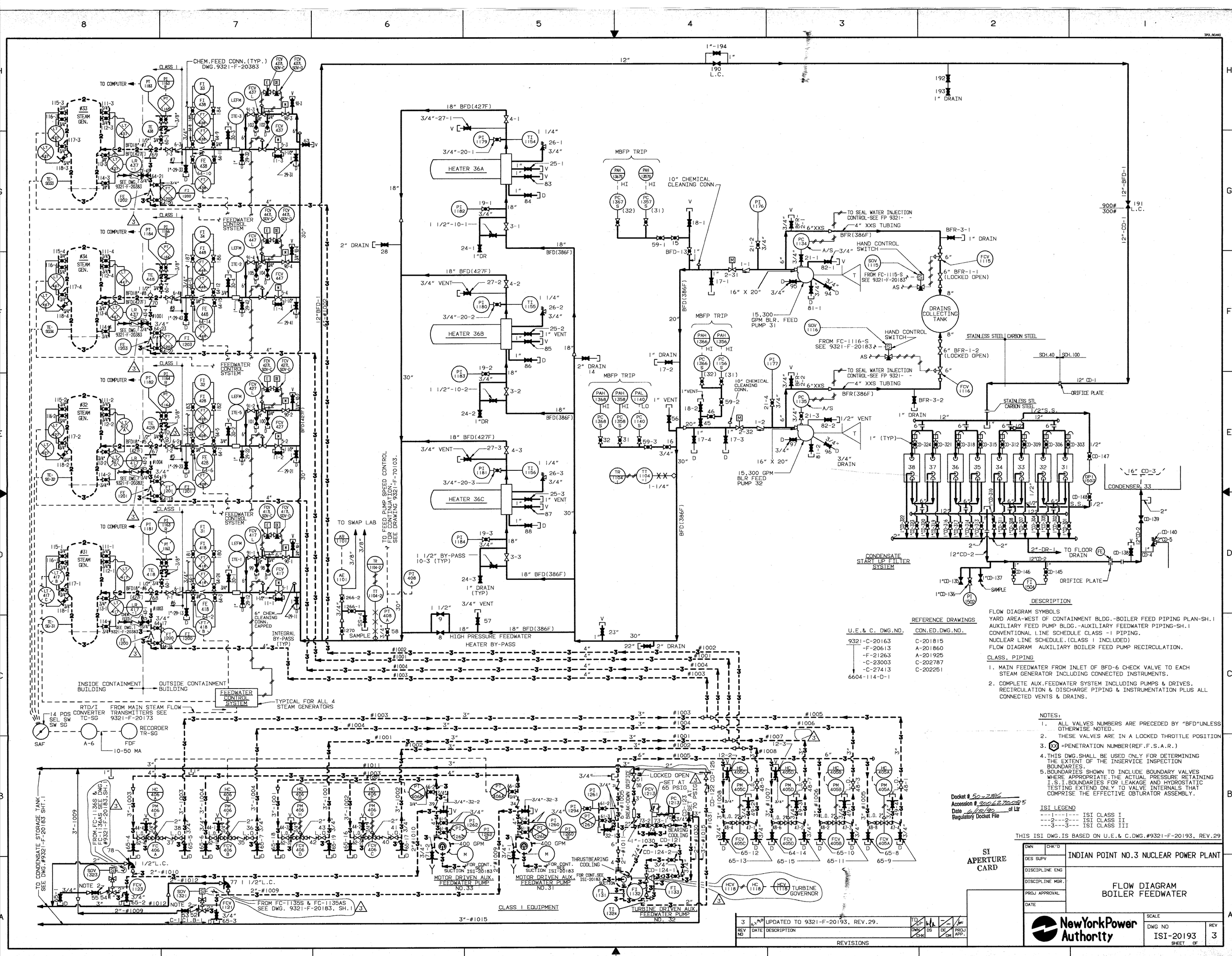

U.E.& C. DWG.NO.	REFERENCE DRAWINGS CON.ED.DWG.NO.
9321-C-20163	C-201815
-F-20613	A-201860
-F-21263	A-201925
-C-23003	C-202787
-C-27413	C-202251
6604-114-D-1	

DESCRIPTION

FLOW DIAGRAM SYMBOLS
YARD AREA-WEST OF CONTAINMENT BLDG.-BOILER FEED PIPING PLAN-SH.1
AUXILIARY FEED PUMP BLDG.-AUXILIARY FEEDWATER PIPING-SH.1
CONVENTIONAL LINE SCHEDULE CLASS -1 PIPING.
NUCLEAR LINE SCHEDULE.(CLASS 1 INCLUDED)
FLOW DIAGRAM AUXILIARY BOILER FEED PUMP RECIRCULATION.

CLASS, PIPING

1. MAIN FEEDWATER FROM INLET OF BFD-6 CHECK VALVE TO EACH STEAM GENERATOR INCLUDING CONNECTED INSTRUMENTS.
2. COMPLETE AUX.FEEDWATER SYSTEM INCLUDING PUMPS & DRIVES. RECIRCULATION & DISCHARGE PIPING & INSTRUMENTATION PLUS ALL CONNECTED VENTS & DRAINS.

NOTES:

1. ALL VALVES NUMBERS ARE PRECEDED BY "BFD"UNLESS OTHERWISE NOTED.
2. THESE VALVES ARE IN A LOCKED THROTTLE POSITION
3. XX =PENETRATION NUMBER(REF.F.S.A.R.)
4. THIS DWG.SHALL BE USED ONLY FOR DETERMINING THE EXTENT OF THE INSERVICE INSPECTION BOUNDARIES.
5. 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.

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

THIS ISI DWG.IS BASED ON U.E.& C.DWG.#9321-F-20193, REV.29

Docket # 50-286
Accession # 9006270085
Date 6/18/90 of Ltr
Regulatory Docket File

SI APERTURE CARD

REV NO	DATE	DESCRIPTION	DWN CHK	DS	DE DM	PROJ APP.
3	5.1.90	UPDATED TO 9321-F-20193, REV.29.	TD			

REVISIONS

DWN	CHK'D
DES SUPV	INDIAN POINT NO.3 NUCLEAR POWER PLANT
DISCIPLINE ENG	
DISCIPLINE MGR.	FLOW DIAGRAM BOILER FEEDWATER
PROJ APPROVAL	
DATE	

New York Power Authority

SCALE

DWG NO ISI-20193 REV 3

SHEET OF