SG BULK WATER
THIS DWG F-8

SG1A BULK WATER
9F20001 G-5

SG1B BULK WATER
9F20001 H-1

SG1C BULK WATER
9F20001 D-1

SG1D BULK WATER
9F20001 D-5

WLPS

SI

XPS0076

XPS0077

XPS0078

XPS0079

PSV 4479

PRIMARY SAMPLING SYSTEM
9Z00045 H-6

XPS0100

XPS0086

9Z3212HX030

SG BULK WATER SAMPLE COOLER

PRIMARY SAMPLE PANEL ZLP131

PSV 4817

PI 4817

TI 4817

XPS0103

CONST TEMP BATH CONTD ON 9Z00045

TI 4817 A

PCV 4817

XPS0101

PRIMARY SAMPLING SYSTEM
9Z00045 G-5

DRAIN HEADER
9Z00045 B-2

XPS0350

F.4.3

XPS0102

PCV 4831 A

ABANDONED IN PLACE

PCV 4831 B

BY WATERS EQUIP. (NOTE 6) BY BECHTEL

PSRM

REACTOR MAKEUP WATER STORAGE TANK
9F05033 G-8

SG BULK WATER
THIS DWG H-8

XPS0104

LAUNDRY AND HOT SHOWER TANK
9F90000 G-4

XPS0080

PCV 4820 A

XPS0087

PI 4820 A

NOTE 10 (TYP.)

S

PCV 4821 A

XPS0088

PI 4821 A

ABANDONED IN PLACE

XPS0081

FV 4821 A

DEMIN WATER

CONDENSATE POLISHER REGENERATION WASTE COLLECTION TANK
9F90000 E-4

XPS0082

PCV 4822 A

XPS0089

PI 4822 A

FV 4822 A

DEMIN WATER

WASTE MONITOR TANK NO. 1
9F90001 C-4

XPS0083

PCV 4823 A

XPS0090

PI 4823 A

WASTE MONITOR TANK NO. 2
9F90001 G-4

NOTE 5 (TYP.)

XPS0084

NOTE 9 (TYP.)

PCV 4824 A

ABANDONED IN PLACE

XPS0085

PCV 4825 A

PI 4824 A

XPS0091

DEMINERALIZED WATER
THIS DWG C-1

PI 4825 A

XPS0092

XPS0040

XPS0093

XPS0094

XPS0095

XPS0096

XPS0097

XPS0098

XPS0099

NON-REACTOR GRADE SAMPLE SINK

BY BECHTEL BY WATERS EQUIP (NOTE 6)

PSED

RADIOACTIVE VENT & DRAIN SYSTEM
9F90016 E-2

XPS0135

PRIMARY SAMPLE PANEL ZLP131A

PSV 4813

PI 4813

XPS0134

PCV 4813

XPS0133

PSDW

REACTOR MAKEUP WATER STORAGE TANK
9F05033 F-8

PSWL

WASTE HOLDUP TANK
9F05023 G-6

PI 4826 A

XPS0111

FV 4826 A

XPS0132

DEMIN. WATER
THIS DWG C-2

PCV 4826 A

PI 4827 A

XPS0112

LWPS WASTE EVAPORATOR CONDENSATE TANK NO. 1
9F05023 G-2

XPS0131

PI 4828 A

XPS0113

PCV 4827 A

LWPS WASTE EVAPORATOR CONDENSATE TANK NO. 2
9F05023 G-4

XPS0130

PCV 4828 A

FV 4829 A

REACTOR COOLANT DRAIN TANK
9F05022 F-1

XPS0125

PCV 4829 A

XPS0126

XPS0129

SAMPLE VESSEL

NOTE 1

PSDW

DEMINERALIZED WATER
1F05034 F-6

9Z321ZTS051

XPS0124

XPS0406

PI 4829 A

XPS0114

PSRC

DEMINERALIZED WATER
THIS DWG C-8

TO SOLENOID VALVE
THIS DWG E-2

PSBR

BR EVAPORATOR CONDENSATE DEMINERALIZER
9F05011 B-2

DEMIN WATER
9Z00045 H-5

XPS0208

NOTE 5 (TYP.)

PCV 4830 A

PI 4830 A

XPS0122

XPS0115

XPS0116

XPS0117

XPS0118

XPS0119

XPS0120

XPS0121

REACTOR GRADE SAMPLE SINK

(CONTINUED ON 9Z00045)

NOTES:

1. EACH STATION CAPABLE OF ACCEPTING 150ML AND 500ML SAMPLE VESSELS.
2. FOR PIPING AND INSTRUMENT SYMBOLS SEE DRAWINGS 9A310F00001 & 9A310F00002.
3. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR PS.
4. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP N.
5. ALL SAMPLE LINES ON THIS P&ID ARE ¾ IN. X 0.065 IN. MINIMUM WALL ASME GRADE SA213 TYPE 316 TUBING, UNLESS OTHERWISE NOTED.
6. REFER TO WATERS EQUIPMENT DRAWING NO. 58301 (SH 3 OF 3) V.P. NO. 4093-010119WD FOR EQUIPMENT LIST AND BILL OF MATERIAL FOR VENDOR SUPPLIED COMPONENTS.
7. DELETED.
8. DELETED.
9. SWAGELOK *SS-600-61 BULKHEAD UNIONS ARE TYPICAL FOR ALL SAMPLE LINES ENTERING THE PANEL.
10. HAND SWITCHES FOR THE DEMIN. WATER FLUSH SOLENOID VALVES ARE LOCATED ON THE FRONT OF PANEL ZLP-809.

LR BOUNDARY DRAWING NO.	REV.
LR-STP-PS-9Z329Z00047#1	0B

ESEED DCN NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
17		INCORP. DCN 0102383.	JSH				
0-16	12-1-82	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING AND INSTRUMENTATION DIAGRAM
PRIMARY SAMPLING SYSTEM

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA267.171	D070928		NONE	9Z329Z00047#1	-	17

8 7 6 5 4 3 2 1

H G F E D C B A