HDR LINE NO.	BRANCH LINE NO.	MARK A	MARK B	MARK C	MARK D	MARK E	MARK G	MARK J	LSHH	LSH	LV	LY	HDR FLOWSHEET & COORDINATE	BRANCH FLOWSHEET & COORDINATE	PROTEUS COMP. PT.	FO
10"MS1036HC7	1 •"MD1118HC9	MD0018	MD0019	MD0020	MS0361	MS0362	MS0571	MS0410	7904	7904	7904	7904	9F0018 F-2	9F0018 E-2	LD7904	7997
10"MS1034HC7	1 •"MD1117HC9	MD0013	MD0014	MD0015	MS0363	MS0364	MS0412	MS0414	7905	7905	7905	7905	9F0018 F-2	9F0018 E-2	LD7905	7998
10"MS1024HC7	1 •"MD1116HC9	MD0008	MD0009	MD0010	MS0365	MS0366	MS0416	MS0418	7906	7906	7906	7906	9F0018 C-2	9F0018 D-2	LD7906	7999
10"MS1022HC7	1 •"MD1115HC9	MD0003	MD0004	MD0005	MS0367	MS0368	MS0420	MS0422	7907	7907	7907	7907	9F0018 C-1	9F0018 D-1	LD7907	8000
10"MS1026HC7	1 •"MD1119HC9	MD0023	MD0024	MD0025	MS0359	MS0360	MS0424	MS0426	7908	7908	7908	7908	9F0018 C-2	9F0018 D-2	LD7908	8001
10"MS1028HC7	1 •"MD1122HC9	MD0028	MD0029	MD0030	MS0353	MS0354	MS0428	MS0430	7909	7909	7909	7909	9F0018 C-3	9F0018 D-3	LD7909	8002
10"MS1038HC7	1 •"MD1121HC9	MD0033	MD0034	MD0035	MS0355	MS0356	MS0432	MS0434	7910	7910	7910	7910	9F0018 E-3	9F0018 E-3	LD7910	8003
10"MS1040HC7	1 •"MD1120HC9	MD0038	MD0039	MD0040	MS0357	MS0358	MS0436	MS0438	7911	7911	7911	7911	9F0018 F-3	9F0018 E-3	LD7911	8004
10"MS1030HC7	1 •"MD1123HC9	MD0043	MD0044	MD0045	MS0349	MS0350	MS0440	MS0442	7912	7912	7912	7912	9F0018 C-4	9F0018 D-4	LD7912	8005
10"MS1042HC7	1 •"MD1126HC9	MD0401	MD0402	MD0403	MS0345	MS0346	MS0444	MS0446	7913	7913	7913	7913	9F0018 F-4	9F0018 E-4	LD7913	8006
10"MS1032HC7	1 •"MD1124HC9	MD0048	MD0049	MD0050	MS0351	MS0352	MS0448	MS0450	7914	7914	7914	7914	9F0018 C-4	9F0018 D-4	LD7914	8007
10"MS1044HC7	1 •"MD1125HC9	MD0406	MD0407	MD0408	MS0347	MS0348	MS0452	MS0454	7915	7915	7915	7915	9F0018 F-4	9F0018 E-4	LD7915	8008

NOTES:

1. ALL INSTRUMENT TAG NUMBERS SHOWN ON THIS DIAGRAM ARE PREFIXED BY THE UNIT NUMBER 1 UNLESS OTHERWISE NOTED. SEE GENERAL NOTE D ON DWG 6F00002.
2. THERMOCOUPLES TO BE OF THE CLAMP TYPE LOCATED 1 OR 2 FEET DOWNSTREAM OF ASSOCIATED VALVE. ALL COMPUTER INPUTS TO BE RECORDED.
3. ALL DRAIN PIPING SHOULD BE HORIZONTAL OR SLOPED DOWNWARD TO THE CONDENSER EXCEPT AS OTHERWISE AGREED TO DURING A CASE BY CASE REVIEW BETWEEN THE AFFECTED DISCIPLINES.
4. MANIFOLDS NOT TO EXCEED 8 FEET IN LENGTH.
5. ALL DRAIN CONNECTIONS AT MANIFOLD TO BE AT 45 DEGRESS ANGLES TO THE MANIFOLD. POINTING TOWARD THE CONDENSER.
6. ALL INSTRUMENTS ON THIS DIAGRAM HAVE SYSTEM DESIGNATOR "MT".
7. ALL INSTRUMENTS ON THIS DIAGRAM HAVE SEPARATION GROUP DESIGNATOR "N".
8. REFER TO DWGS 9A31 0F00001 & 9A31 0F00002 FOR IDENTIFICATION NUMBER DETAILS.
9. DELETED
10. VALVE IS 2" NOMINAL SIZE WITH 1 •" BW ENDS FOR TPNS •"S:
    N1MTLV7904
    N1MTLV7907
    N1MTLV7908
    N1MTLV7910
    N1MTLV7911
    N1MTLV7913
    N1MTLV7914
    N1MTLV7915
11. ALTERNATE DESIGN: PORTIONS OF THE CARBON STEEL PIPING IN THESE LINES ARE REPLACED WITH CHROME MOLY STEEL FOR THE FLOW ACCELERATED CORROSION PROGRAM.

REFERENCE DWGS:

1. DELETED.
2. FOR PIPING & INSTRUMENT SYMBOLS SEE DWGS 0F00001 & 0F00002.
3. CT-23973 MARCH, 1977 WESTINGHOUSE RECOMMENDATIONS TO MINIMIZE WATER DAMAGE TO STEAM TURBINES. (4003(17)01409-WT)
4. WESTINGHOUSE 737J224 (4001-01001 THRU 01005-WA)

THIS COMPONENT IS A CONNECTION OF SMALLER BRANCH LINES WHICH DO NOT IMPOSE LOADS ON THE LARGER PIPING AND DO NOT SUPPORT THE LARGER PIPING.

STD 10" DRIP LEG
REFER TO CHART THIS DWG

2214

LR BOUNDARY DRAWING NO.	REV.
LR-STP-MD-6T169F00055#1	0

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
20		INCORP. DCN 0401032.	LNB				
19	4-27-05	INCORP. DCN 0400988	JSH	ON FILE			
18	4-12-05	INCORP. DCN 0401561.	LNB	ON FILE			
17	5-20-99	INCORP. DCN 9901216.	JSH	ON FILE			
16	5-11-99	INCORP. DCN 9901212, 9901213, 9901214, 9901215, 9901217 & 9901313.	SIGNATURES ON FILE				
0-15	11-9-82	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.
1	FJA138.201	D070928	

PIPING AND INSTRUMENTATION DIAGRAM
MAIN STEAM VENTS AND DRAINS

SCALE	DWG. NO.	SHT.	REV.
NONE	6T169F00055#1	-	20

ESEED_DCN