



- REFERENCES:
1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 9A310F00001 & 9A310F00002.
 2. LWPS P&ID NO. 5R309F05022.
 3. LWPS P&ID NO. 7R309F05023.
 4. LWPS P&ID NO. 7R309F05024.
 5. LWPS P&ID NO. 7R309F05026.
 6. LWPS P&ID NO. 7R309F00000.
 7. LWPS P&ID NO. 7R309F00001.
 8. LWPS P&ID NO. 7R309F00017.
 9. LWPS P&ID NO. 7R309F00018.
 10. LWPS P&ID NO. 7R309F00020.
 11. LWPS P&ID NO. 7R309F00021.
 12. LWPS P&ID NO. 7R309F00022.
 13. STICKLE DWG NO. D-600-018 (R309 X 6030XX).
 14. STICKLE DWG NO. D-600-015B (R309 X 5060XX).

- NOTES:
1. MINIMUM OF 48" DIA. STRAIGHT RUN OF PIPE IS REQUIRED UPSTREAM OF ATEMPERATOR.
 2. MINIMUM OF 15' STRAIGHT RUN OF PIPE BETWEEN ATEMPERATOR AND TEMPERATURE SENSOR. IF PIPE BEND REQUIRED WITHIN 30" OF ATEMPERATOR USE TEE WITH BLIND FLANGE FOR EROSION CONTROL.
 3. ONLY GENERAL MATERIAL RESTRICTIONS APPLY FOR WL0145 & WL0147.
 4. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR "ML". EXCEPT AS NOTED.
 5. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION DESIGNATOR "N".
 6. DELETED.
 7. UNLESS OTHERWISE NOTED, ALL INSTRUMENTS SHOWN ON THIS DIAGRAM ARE PRE-FIRED BY THE UNIT NO. 1. SEE GENERAL NOTE D ON 9A310F00002.
 8. ROOM 119 THERMOSTAT WILL BE LOCATED NEAR BRS STEAM COND. PACKAGE. ROOM 118 THERMOSTAT WILL BE LOCATED NEAR LINE AS0007.
 9. ROOM 67C THERMOSTAT WILL BE LOCATED NEAR THE ROOM 53B THERMOSTAT WILL BE LOCATED NEAR THE LWPS STEAM CONDENSATE PACKAGE 1A.
 9. MINIMUM FLOW REQUIREMENT FOR THE CONDUCTIVITY ELEMENT IS 0.85 GPM. THROTTLE INSTRUMENT VALVES TO LIMIT THE FLOW TO 0.85 GPM.
 10. DELETED.
 11. DELETED.
 12. DELETED.
 13. THIS DRAWING IS SHEET 12 OF 12 OF THE LWPS P&ID SET. SEE REFERENCES 2 THROUGH 12 FOR OTHER LWPS P&ID SET DRAWINGS.
 14. THIS SPECTACLE BLIND SHALL BE INSTALLED WITH THE LINE BLANKED OFF AT ALL TIMES WHEN THE LWPS EVAPORATOR IS NOT OPERATING. WHEN THE LWPS EVAPORATOR IS OPERATED THE SPECTACLE BLIND SHALL BE REVERSED TO ALLOW FLOW WITH CONTINUOUS RADIOACTIVE MONITORING OF THE LWPS STEAM CONDENSATE EFFLUENT PERFORMED.

LR BOUNDARY DRAWING NO. REV
LR-STP-WL-5R309F05027#1 0A

NO.	ISSUE DATE	REVISION
20	11-29-82	INCORP. DCN'S 0101603 AND 9900485.
19	11-29-82	ISSUED FOR CONSTRUCTION.

VJM	SIGNATURES ON FILE
ORIG	CKR
RE	DV
SE	NO.
NO.	ISSUE DATE

NO.	ISSUE DATE	REVISION
8		
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SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PRIORITY: 1
CADD FILE NO.: FJA197.201
FUG. NO.: D070928
STI. NO.: 2

SCALE	DWG. NO.	SHT.	REV.
NONE	5R309F05027#1	20	0A