NOTES CONT.

8. SEE DWG. 9Z129Z5103J FOR CONTINUATION OF CONTROL SIGNALS FROM THE SIGMA CONTROLLER (SC). CONTROL SIGNAL FROM EACH INSTRUMENT GOES TO MASTER COMPUTER, THEN TO ICS.
9. FOR COMPRESSOR LOGIC SEE DWG. 6011Y240014.
10. PY9984, PY9984A, PY9984B, PY9985, PY9985A, PY9985B, PY9986, PY9986A, PY9986B, PY9987, PY9987A & PY9987B ARE CLOSED DURING COMPRESSOR RUN W/PCV9984, 9985, 9986 & 9987 OPEN. DURING COMPRESSOR IDLE, THE REVERSE IS TRUE.
11. VALVE IS A AIR ACTUATED SHUTTLE VALVE THAT OPERATES FROM THE OPENING OF PY9984, 9985, 9986 & 9987.
12. LEVEL INDICATORS LI-0021A, 0022A, 0023A AND 0029A WILL BE CONNECTED TO OIL SEPARATORS DURING FIRST OIL CHANGE.

REFERENCE DRAWINGS:
B02439-0000105
B02439-0000205
B02439-0000305
B02439-0006205
B02439-0006305
B02439-0006405
B02439-0006505

NOTE: THE COMPONENTS HIGHLIGHTED IN GREEN ARE IN SCOPE FOR FIRE PROTECTION.

80111MCO0014
877 SCFM

80111MCO0011
877 SCFM

80111MCO0012
877 SCFM

80111MCO0013
877 SCFM

INSTRUMENT AIR RECEIVER 670 CU FT 80111MTS0162

INSTRUMENT AIR RECEIVER 360 CU FT 80111MTS0163

WET AIR TANK 207 CU FT 80111MTS0161

OIL MIST ELIMINATOR 2100 SCFM 80111MFD0202

OIL MIST ELIMINATOR 2100 SCFM 80111MFD0203

NOTES:

1. SEE PLUMBING DWG. TGB GROUND FLOOR PLAN 29'-0" DWG. NO'S 9B00011 AND 9B00012.
2. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR 'IA' UNLESS NOTED OTHERWISE.
3. DELETED
4. FOR IDENTIFICATION NUMBERS OF PIPING, VALVES, INSTRUMENTS EQUIPMENT, ETC. REFER TO DWGS. 9F00001 AND 8F00002.
5. SEE P&ID 7I249F00034*1 FOR AIR COMPRESSOR AUXILIARY COOLING WATER.
6. MC IS MASTER COMPUTER LOCATED IN TGB OPERATOR SHACK.
7. 'SC' IS THE SIGMA CONTROLLER COMPUTER ON EACH COMPRESSOR.

NOTES CONT. ABOVE

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
12		REVISED PER DCP 00-81-11-3	KS				
11	12/10/03	REVISED PER AS-BUILT CHANGES & ISSUED PER DCP 00-81-40 SUPP. 2.	JSH	ON FILE			
10	07-17-03	REVISED AND ISSUED PER DCP 00-81-40	KS	ON FILE			
0-9	11-29-95	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

ESSEED_DGN

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY

PIPING & INSTRUMENTATION DIAGRAM
INSTRUMENT AIR/SERVICE AIR
COMPRESSORS & DISTRIBUTION

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	F0208.121	D070928		NONE	8Q119F00048*1	1	12

LR BOUNDRY DRAWING NO. LR-STP-IA-8Q119F00048*1-1 REV. 0C

D203