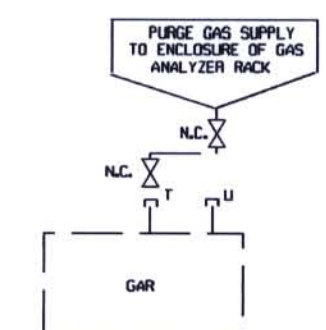


FEED GAS
 NORMAL CASE - OPERATING RANGE
 PRESSURE: 28 TO 118 PSIG
 TEMP: 78 TO 140°F
 FLOW: 38 TO 56 SCFH H₂+N₂
 (GRT AT 14.7 PSIA)
 H₂: 8 TO 9 VOL. % (GRY BAGSD)
 N₂: 8 TO 25 VOL. % (GRY BAGSD)
 O₂: 8 TO 13.8 VOL. % (GRY BAGSD)
 Ar: 8 TO 22 VOL. % (GRY BAGSD)

EFFLUENT GAS
 NORMAL CASE - OPERATING RANGE
 PRESSURE: 8 TO 28 PSIG
 TEMP: 48 TO 100°F
 FLOW: 8 TO 38 SCFH H₂+N₂
 (GRT AT 14.7 PSIA)
 H₂: 8 TO 3 VOL. % (GRY BAGSD)
 N₂: 8 TO 8 VOL. % (GRY BAGSD)
 O₂: SATURATED
 Ar: 8 TO 28% (GRY BAGSD)



- NOTES**
- AI RESPONSIBILITY AREA BY OTHERS
 - BI VALVE LEAK OFF
 - CP CONTROL PANEL
 - D GAR GAS ANALYZER RACK

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DRAWING LEGIBILITY CLASS 1	
PLEX Drawing TR00160-006	
SOUTH CAROLINA ELECTRIC & GAS COMPANY	
YINGIL C. SUMNER NUCLEAR STATION	
PIPING SYSTEM FLOW DIAGRAM	
CATALYTIC HYDROGEN	
RECONMEER B	
DESIGN ENGINEERING	
V. C. SUMNER NUCLEAR STATION, JOPPOLITE, S.C.	
3/18/78	JTS REVISED PER CESS-98-0434 MGR GAR
2/3/87	FRM REVISED PER ECR-50054 DDJ TLW
1/12/86	JMS REVISED PER CESS-95-108 MGR GAR
8/12/84	ACI ISSUED PER MRF-21862 MGR TLW
F-302-745	
NO.	DATE
BY	REVISION
CHK BY	APPROVAL
DWG NUMBER	SHT NUMBER