

SCALE: 1/2" = 1'-0"

SIZE E  
SYSTEM BB

TABLE IV  
VALVE SCHEDULE

V001	V001
V002	V002
V003	V003
V004	V004
V005	V005
V006	V006
V007	V007
V008	V008
V009	V009
V010	V010
V011	V011
V012	V012
V013	V013
V014	V014
V015	V015
V016	V016
V017	V017
V018	V018

TABLE II  
COMPUTER INPUTS

COMPUTER INPUTS	FUNCTION
LOOP A	LOOP A
LOOP B	LOOP B
LOOP C	LOOP C
LOOP D	LOOP D
LOOP E	LOOP E
LOOP F	LOOP F
LOOP G	LOOP G
LOOP H	LOOP H
LOOP I	LOOP I
LOOP J	LOOP J
LOOP K	LOOP K
LOOP L	LOOP L
LOOP M	LOOP M
LOOP N	LOOP N
LOOP O	LOOP O
LOOP P	LOOP P
LOOP Q	LOOP Q
LOOP R	LOOP R
LOOP S	LOOP S
LOOP T	LOOP T
LOOP U	LOOP U
LOOP V	LOOP V
LOOP W	LOOP W
LOOP X	LOOP X
LOOP Y	LOOP Y
LOOP Z	LOOP Z

TABLE V  
TEMPERATURE ELEMENT IDENTIFICATION

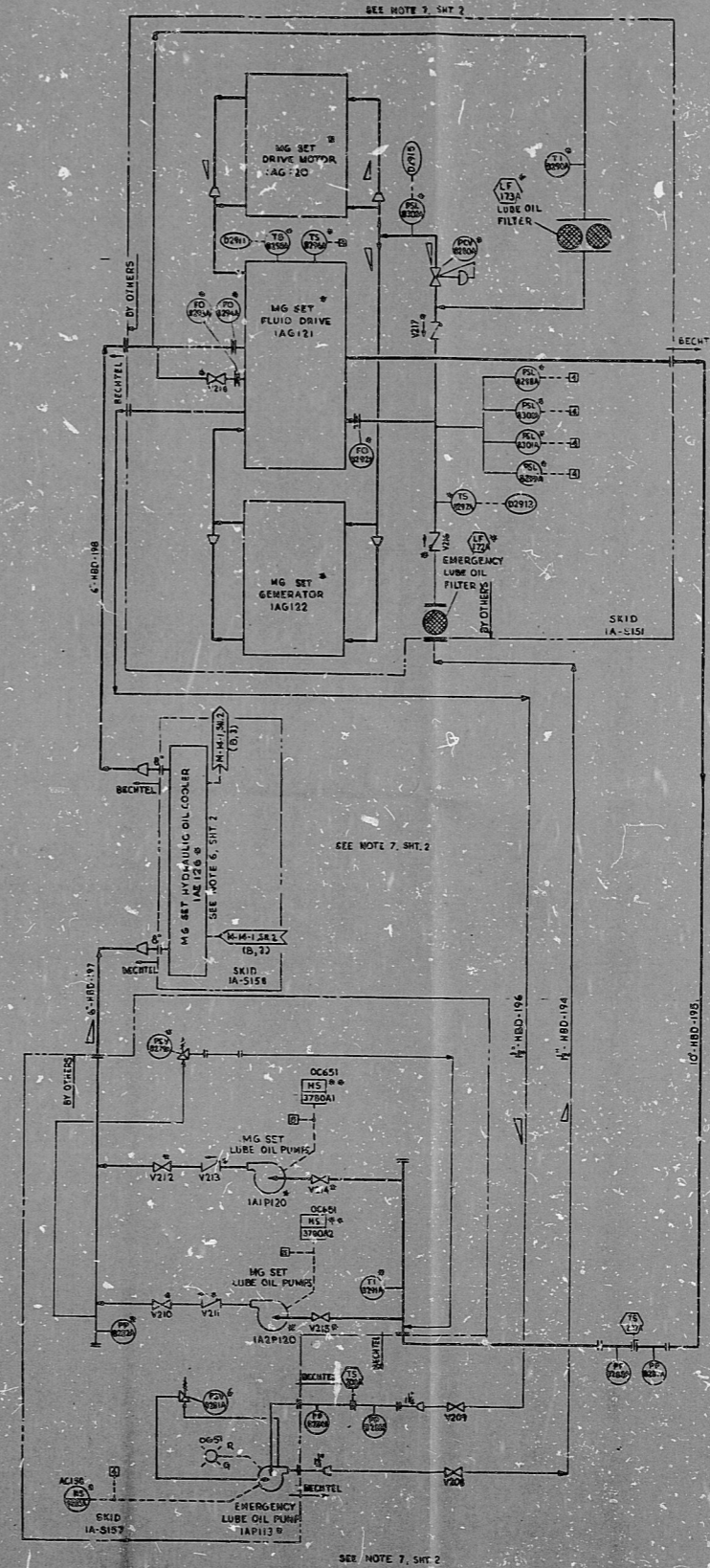
TE NO.	FUNCTION	LO-MIN	INSTR
3000A	AP201 MOTOR THRUST BEARING UPPER FACE	A2371	
3000A	AP201 MOTOR THRUST BEARING UPPER FACE (SPARE)	A2371	
3000B	AP201 MOTOR THRUST BEARING LOWER FACE	A2372	
3000B	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000C	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000D	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000E	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000F	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000G	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000H	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000I	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000J	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000K	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000L	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000M	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000N	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000O	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000P	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000Q	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000R	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000S	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000T	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000U	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000V	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000W	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000X	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000Y	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	
3000Z	AP201 MOTOR THRUST BEARING LOWER FACE (SPARE)	A2372	

TABLE III  
RECIRC PUMP INSTRUMENTATION

LOOP A	LOOP B
VS 5002A	AP 201
VS 5002B	BP 201
VS 5002C	OC 651
VS 5002D	OC 651
LSL 3793A	AP 201
LSL 3793B	BP 201
LSL 3794A	LSL 3794C
LSL 3794B	LSL 3794C
LSL 3795A	LSL 3795B
LSL 3795C	LSL 3795B
VS 5002A	VS 5002B
VS 5002C	VS 5002D
VS 5002E	VS 5002F
VS 5002G	VS 5002H
VS 5002I	VS 5002J
VS 5002K	VS 5002L
VS 5002M	VS 5002N
VS 5002O	VS 5002P
VS 5002Q	VS 5002R
VS 5002S	VS 5002T
VS 5002U	VS 5002V
VS 5002W	VS 5002X
VS 5002Y	VS 5002Z

TABLE VI  
RECIRC PUMP INSTRUMENTATION

LOOP A	LOOP B
VS 5002A	AP 201
VS 5002B	BP 201
VS 5002C	OC 651
VS 5002D	OC 651
LSL 3793A	AP 201
LSL 3793B	BP 201
LSL 3794A	LSL 3794C
LSL 3794B	LSL 3794C
LSL 3795A	LSL 3795B
LSL 3795C	LSL 3795B
VS 5002A	VS 5002B
VS 5002C	VS 5002D
VS 5002E	VS 5002F
VS 5002G	VS 5002H
VS 5002I	VS 5002J
VS 5002K	VS 5002L
VS 5002M	VS 5002N
VS 5002O	VS 5002P
VS 5002Q	VS 5002R
VS 5002S	VS 5002T
VS 5002U	VS 5002V
VS 5002W	VS 5002X
VS 5002Y	VS 5002Z



- NOTES:
1. STRAINERS SHOULD HAVE 80 MESH SCREENS AND SHOULD BE CLEANED FREQUENTLY DURING FLUSHING.
  2. DELETED.
  3. OIL COOLERS MUST BE LOCATED BELOW THE CENTERLINE HEIGHT OF THE FLUID DRIVE TO PREVENT THE DRAINING OR SPINNING OF OIL FROM THE COOLER BACK INTO THE FLUID DRIVE.
  4. OIL PIPING RUNS IN EXCESS OF 100 FEET FROM THE FLUID DRIVE MUST BE APPROVED BY G2.
  5. THE OIL PUMPS MUST BE LOCATED SUCH THAT THE SUCTION PIPING DOES NOT RISE HIGHER THAN THE OIL LEVEL IN THE FLUID DRIVE.
  6. ALL RECHTEL SCOPE OIL PIPING CONNECTIONS ARE 150 LB. RF FLANGES.
  7. THE MG-SET PIPING ASSOCIATED EQUIPMENT AND INSTRUMENTATION SHOWN ARE FOR LOOP A. TYPICAL FOR LOOP B. TO FIND THE CORRESPONDING LOOP ID TAG NUMBERS, REPLACE THE LETTER "A" WITH THE LETTER "B" UNLESS OTHERWISE SHOWN IN TABLES.
  8. THIS P&ID CONTAINS SYSTEM BB - NUCLEAR BOILER & RECIRCULATION.

PROC APERTURE CARD

REVISION	DATE	BY	CHK
1			
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RECHTEL  
SAN FRANCISCO  
PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
HOVE CREEK GENERATING STATION

P&ID  
REACTOR RECIRCULATION SYSTEM

JOB NO. 10085  
DRAWING NO. M-43-1542  
SHEET 2 OF 2

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RIDS

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