

LAUNCH OPERATIONS AND SUPPORT CONTRACT (LO&SC)

TECHNICAL REPORT STUDY/SERVICES POWER PLANT ANNUAL (2003) OPERATIONS (CDRL A012)

Contract Number: F04684-98-C-0014
CDRL Item Number: A012
Date Submitted: 12 January 2004

Revision 0

Copy Number 1 of 1



Government Services Division

**SOUTH VANDENBERG POWER PLANT QUARTERLY REPORT
FIRST QUARTER 2003 AS OF 0001 HRS/01 APR 03
AO12**

STATUS	UNIT A S/B	UNIT B S/B	UNIT C S/B	UNIT D S/B	UNIT E S/B	TOTAL
TOTAL TURBINE HOURS	9450	12624	4098.7	12855.4	15424.1	54452.2
TOTAL TURBINE STARTS	1022	1109	750	908	1051	4840
TOTAL HOURS/START	9.2	11.4	5.5	14.2	14.7	11.3
GAS HOURS THIS QTR	14.3	35.4	2.5	15.6	36.8	104.6
DIESEL HOURS THIS QTR	0	0	0	0	0	0
TOTAL HOURS THIS QTR	14.3	35.4	2.5	15.6	36.8	104.6
STARTS THIS QTR	8	5	2	5	7	27
HRS/START THIS QTR	1.8	7.1	1.3	3.1	5.3	3.9
MWH THIS QTR	24	42	6	24	48	144
AVERAGE KW LOAD/QTR	1678.3	1186.4	2400	1538.5	1304.3	1376.7
TOTAL PONY ENG HRS	69.2	82.3	49.3	53.5	104.3	358.6
PONY ENG HRS THIS QT	0.5	0.3	0.1	0.5	0.7	2.1

NATURAL GAS USED THIS QUARTER 2,910,000 CU FT
THERMS USED THIS QUARTER 30,031.2 THERMS
DIESEL FUEL USED THIS QUARTER 35.41 GALLONS
DIESEL FUEL RECEIVED THIS QTR 0 GALLONS

TOTAL DIESEL FUEL ON HAND 7932.1 GALLONS

MBTU'S USED THIS QUARTER 3,016.3 MBTU

BTU'S PER KWH THIS QUARTER 2,191.0 BTU

MOSR HOURS THIS QUARTER 64.4
MAINT & TRNG HOURS THIS QUARTER 31.9
SOURCE TEST HOURS THIS QUARTER 8.3

MERL POWELL
Chief, Stationary Engineer (805) 605-3929

**SOUTH VANDENBERG POWER PLANT QUARTERLY REPORT
 SECOND QUARTER 2003 AS OF 0001 HRS/01 JUL 03
 AO12**

STATUS	UNIT A S/B	UNIT B S/B	UNIT C S/B	UNIT D S/B	UNIT E S/B	TOTAL
TOTAL TURBINE HOURS	9726.2	13341.3	4142.8	13833.5	15956.9	57000.7
TOTAL TURBINE STARTS	1056	1152	770	952	1081	5011
TOTAL HOURS/START	9.2	11.6	5.4	14.5	14.8	11.4
GAS HOURS THIS QTR	2.4	11.8	3.5	32.9	29.1	79.7
DIESEL HOURS THIS QTR	0	0	0	0	0	0
TOTAL HOURS THIS QTR	2.4	11.8	3.5	32.9	29.1	79.7
STARTS THIS QTR	16	11	4	19	9	59
HRS/START THIS QTR	0.2	1.1	0.9	1.7	3.2	1.4
MWH THIS QTR	6	18	6	48	42	120
AVERAGE KW LOAD/QTR	2500	1525.4	1714.3	1459	1443.3	1505.6
TOTAL PONY ENG HRS	71.7	85.1	50.7	56.3	106.7	370.5
PONY ENG HRS THIS QT	0.9	0.6	0.2	1	0.6	3.3
NATURAL GAS USED THIS QUARTER			630,300	CU FT		
THERMS USED THIS QUARTER			6,504.7	THERMS		
DIESEL FUEL USED THIS QUARTER			79.15	GALLONS		
DIESEL FUEL RECEIVED THIS QTR			0	GALLONS		
TOTAL DIESEL FUEL ON HAND			7390.5	GALLONS		
MBTU'S USED THIS QUARTER			662.3	MBTU		
BTU'S PER KWH THIS QUARTER			5,519.4	BTU		
MOSR HOURS THIS QUARTER			12.8			
MAINT & TRNG HOURS THIS QUARTER			66.9			
SOURCE TEST HOURS THIS QUARTER			0			

MERL POWELL
 Chief, Stationary Engineer (805) 605-3929

**SOUTH VANDENBERG POWER PLANT QUARTERLY REPORT
THIRD QUARTER 2003 AS OF 0001 HRS/01 OCT 03
AO12**

STATUS	UNIT A S/B	UNIT B S/B	UNIT C S/B	UNIT D S/B	UNIT E S/B	TOTAL
TOTAL TURBINE HOURS	9756.3	13376.8	4159	13862.6	15985.7	57140.4
TOTAL TURBINE STARTS	1060	1166	776	957	1091	5050
TOTAL HOURS/START	9.2	11.5	5.4	14.5	14.7	11.3
GAS HOURS THIS QTR	30.1	35.5	16.2	29.1	28.8	139.7
DIESEL HOURS THIS QTR	0	0	0	0	0	0
TOTAL HOURS THIS QTR	30.1	35.5	16.2	29.1	28.8	139.7
STARTS THIS QTR	4	14	6	5	10	39
HRS/START THIS QTR	7.5	2.5	2.7	5.8	2.9	3.6
MWH THIS QTR	42	60	24	42	42	210
AVERAGE KW LOAD/QTR	1395.3	1690.1	1481.5	1443.3	1458.3	1503.2
TOTAL PONY ENG HRS	71.9	85.9	51	56.8	107.3	372.9
PONY ENG HRS THIS QT	0.2	0.8	0.3	0.5	0.6	2.4
NATURAL GAS USED THIS QUARTER			4,005,000 CU FT			
THERMS USED THIS QUARTER			41,331.6 THERMS			
DIESEL FUEL USED THIS QUARTER			14.58 GALLONS			
DIESEL FUEL RECEIVED THIS QTR			0 GALLONS			
TOTAL DIESEL FUEL ON HAND			7330.1 GALLONS			
MBTU'S USED THIS QUARTER			4,152.8 MBTU			
BTU'S PER KWH THIS QUARTER			19,775.3 BTU			
MOSR HOURS THIS QUARTER			70.8			
MAINT & TRNG HOURS THIS QUARTER			68.9			
SOURCE TEST HOURS THIS QUARTER			0			

MERL POWELL
Chief, Stationary Engineer (805) 605-3929

**SOUTH VANDENBERG POWER PLANT QUARTERLY REPORT
FOURTH QUARTER 2003 AS OF 0001 HRS/01 JAN 04
AO12**

STATUS	UNIT A S/B	UNIT B S/B	UNIT C S/B	UNIT D S/B	UNIT E S/B	TOTAL
TOTAL TURBINE HOURS	9817.3	13901.6	4181.7	14362.9	16017.4	58280.9
TOTAL TURBINE STARTS	1074	1180	783	970	1098	5105
TOTAL HOURS/START	9.1	11.8	5.3	14.8	14.6	11.4
GAS HOURS THIS QTR	61	524.8	22.7	500.3	31.7	1140.5
DIESEL HOURS THIS QTR	0	0	0	0	0	0
TOTAL HOURS THIS QTR	61	524.8	22.7	500.3	31.7	1140.5
STARTS THIS QTR	14	14	7	13	7	55
HRS/START THIS QTR	4.4	37.5	3.2	38.5	4.5	20.7
MWH THIS QTR	102	708	36	630	48	1524
AVERAGE KW LOAD/QTR	1672.1	1349.1	1585.9	1259.2	1514.2	1336.3
TOTAL PONY ENG HRS	73.2	86.9	51.4	57.7	107.7	376.9
PONY ENG HRS THIS QT	1.3	1	0.4	0.9	0.4	4
NATURAL GAS USED THIS QUARTER			31,137,000 CU FT			
THERMS USED THIS QUARTER			321,333.8 THERMS			
DIESEL FUEL USED THIS QUARTER			8.33 GALLONS			
DIESEL FUEL RECEIVED THIS QTR			0 GALLONS			
TOTAL DIESEL FUEL ON HAND			7321.7 GALLONS			
MBTU'S USED THIS QUARTER			32,227.8 MBTU			
BTU'S PER KWH THIS QUARTER			21,146.9 BTU			
MOSR HOURS THIS QUARTER			1,045.1			
MAINT & TRNG HOURS THIS QUARTER			42.2			
SOURCE TEST HOURS THIS QUARTER			53.2			

MERL POWELL
Chief, Stationary Engineer (805) 605-3929