REFORM					
	PUMP	10	8	0	0
	PUMP	11	8	0	0
	PUMP	12	8	0	0
	RELIEF	11	11	0	0
	VALVE	11	826	2	0
	VALVE	12	17	0	0
			878	**2**	**0**
SOUR					
	RELIEF	11	2	0	0
	RELIEF	12	1	0	0
	VALVE	11	53	0	0
	VALVE	12	1	0	0
			57	**0**	**0**
SOUTH TANK FARM					
	PUMP	10	25	0	0
	PUMP	11	25	0	0
	PUMP	12	24	0	0
	RELIEF	12	24	0	0
	VALVE	10	211	1	1
	VALVE	11	23	1	0
	VALVE	12	2,499	2	0
			2,831	**4**	**1**
SRU					
	RELIEF	10	3	0	0
	VALVE	10	78	0	0
			81	**0**	**0**
TAIL GAS					
	CONECT	10	1	1	0
	RELIEF	10	3	0	0
	VALVE	10	159	0	0
			163	**1**	**0**
TF					
	PUMP	10	10	0	0
	PUMP	11	10	0	0
	PUMP	12	10	0	0
	RELIEF	12	6	0	0
	VALVE	12	894	0	0

			930	0	0
VACUUM					
	CONECT	12	1	1	0
	PUMP	10	2	0	0
	PUMP	11	2	0	0
	PUMP	12	2	0	0
	RELIEF	10	3	0	0
	VALVE	10	494	0	0
	VALVE	12	6	0	0
			510	1	0
VGO					
	CONECT	10	1	1	0
	PUMP	10	1	0	0
	PUMP	11	1	0	0
	PUMP	12	1	0	0
	RELIEF	10	11	0	0
	VALVE	10	617	0	0
	VALVE	11	3	0	0
	VALVE	12	3	0	0
			638	1	0
			31,863	44	5

MONROE ENERGY TRAINER REFINERY
4Q2016 PADEP QUARTERLY LDAR REPORT
ON DELAY OF REPAIR COMPONENTS
LEAKING COMPONENTS SUBJECT TO PENREF RULE LEAK DEFINITION OF >10,000PPM PLACED ON DOR
REPORT COMPLIANCE PERIOD: OCTOBER 1, 2016 THRU DECEMBER 31, 2016

UNIT	TAG	CLASS	PLACED ON DELAY
544 VACUUM	08029	RELIEF	01/14/2016
ALKY	18680	PUMP	11/22/2016
ALLKY	20472	VALVE	12/06/2016
BOILER 10	13510	VALVE	2/24/2016
FCC	22957	RELIEF	12/1/2016
ISOCRK	16169	RELIEF	1/26/2016
PROREC	17101	VALVE	11/22/2016
			7

MONROE ENERGY TRAINER REFINERY
4Q2016 PADEP QUARTERLY LDAR REPORT
REMOVED FROM DELAY OF REPAIR
LEAKING COMPONENTS SUBJECT TO PENREF RULE LEAK DEFINITION OF >10,000PPM
REMOVED FROM REPAIR

REPORT COMPLIANCE PERIOD: OCTOBER 1, 2016 THRU DECEMBER 31, 2016

UNIT	TAG	CLASS	REMOVED FROM DELAY
544 VACUUM	08029	RELIEF	04/26/2016
ALKY	18680	PUMP	12/21/2016
ISOCRK	16169	RELIEF	3/2/2016

MONROE ENERGY TRAINER REFINERY
4Q2016 PADEP QUARTERLY LDAR REPORT
ADDED AND DELETED COMPONENTS

REPORT COMPLIANCE PERIOD: OCTOBER 1, 2016 THRU DECEMBER 31, 2016

UNIT	CLASS	ADDED	DELETE
543 CRUDE	PRESSURE RELIEF DEVICE	0	0
543 CRUDE	PUMP	0	0
543 CRUDE	VALVE	16	4
544 CRUDE	PRESSURE RELIEF DEVICE	0	0
544 CRUDE	PUMP	0	0
544 CRUDE	VALVE	17	11
544 VACUUM	PRESSURE RELIEF DEVICE	1	1
544 VACUUM	PUMP	0	0
544 VACUUM	VALVE	5	1
ALKY	PRESSURE RELIEF DEVICE	2	1
ALKY	PUMP	1	1
ALKY	VALVE	106	39
AMINE	PRESSURE RELIEF DEVICE	0	0
AMINE	PUMP	1	0
AMINE	VALVE	9	0
AWWTP	VALVE	0	0
BLEND	PRESSURE RELIEF DEVICE	3	1
BLEND	PUMP	1	1
BLEND	VALVE	82	48
BOILER	CONNECTOR	0	0
BOILER	PRESSURE RELIEF DEVICE	0	0
BOILER	VALVE	0	0
BOILER 14	VALVE	48	0
BOILERS 9 & 10	PRESSURE RELIEF DEVICE	0	0
BOILERS 9 & 10	VALVE	7	2
BUTANE	PRESSURE RELIEF DEVICE	0	0
BUTANE	VALVE	7	2
CRUDE	PRESSURE RELIEF DEVICE	0	0
CRUDE	PUMP	0	0
CRUDE	VALVE	0	0
DESALT	PRESSURE RELIEF DEVICE	0	0
DESALT	PUMP	0	0
DESALT	VALVE	2	2
DIESEL	COMPRESSOR	0	0
DIESEL	PRESSURE RELIEF DEVICE	0	0
DIESEL	PUMP	0	0
DIESEL	VALVE	0	1
FCC	COMPRESSOR	0	0
FCC	PRESSURE RELIEF DEVICE	11	3
FCC	PUMP	2	0
FCC	VALVE	581	140
FLARE	PRESSURE RELIEF DEVICE	0	0
FLARE	PUMP	0	0
FLARE	VALVE	0	1
FLARE GAS RECOVERY	COMPRESSOR	0	0
FLARE GAS RECOVERY	PRESSURE RELIEF DEVICE	0	0
FLARE GAS RECOVERY	PUMP	1	0
FLARE GAS RECOVERY	VALVE	11	0

ISOCRK	COMPRESSOR	0	0
ISOCRK	PRESSURE RELIEF DEVICE	1	0
ISOCRK	PUMP	0	0
ISOCRK	VALVE	14	4
KERO	COMPRESSOR	0	0
KERO	PRESSURE RELIEF DEVICE	0	0
KERO	PUMP	0	0
KERO	VALVE	18	11
LOWLN	COMPRESSOR	0	0
LOWLN	PRESSURE RELIEF DEVICE	0	0
LOWLN	PUMP	0	0
LOWLN	VALVE	0	0
MARINE	COMPRESSOR	0	0
MARINE	PRESSURE RELIEF DEVICE	1	0
MARINE	PUMP	2	0
MARINE	VALVE	84	9
NAPHTH	COMPRESSOR	0	0
NAPHTH	PRESSURE RELIEF DEVICE	0	0
NAPHTH	PUMP	0	0
NAPHTH	VALVE	15	12
OYF	VALVE	0	0
PLATFO	COMPRESSOR	0	0
PLATFO	PRESSURE RELIEF DEVICE	0	0
PLATFO	PUMP	0	0
PLATFO	VALVE	7	8
PRORCL	PRESSURE RELIEF DEVICE	1	1
PRORCL	PUMP	0	0
PRORCL	VALVE	34	16
PROREC	PRESSURE RELIEF DEVICE	0	0
PROREC	VALVE	2	0
PROSTO	PRESSURE RELIEF DEVICE	1	0
PROSTO	PUMP	0	0
PROSTO	VALVE	20	27
REFORM	PRESSURE RELIEF DEVICE	0	1
REFORM	PUMP	0	0
REFORM	VALVE	2	0
SOUR	PRESSURE RELIEF DEVICE	0	0
SOUR	PUMP	0	0
SOUR	VALVE	0	0
SOUTH TANK FARM	COMPRESSOR	0	0
SOUTH TANK FARM	PRESSURE RELIEF DEVICE	18	1
SOUTH TANK FARM	PUMP	0	0
SOUTH TANK FARM	VALVE	399	12
SRU	COMPRESSOR	0	0
SRU	PRESSURE RELIEF DEVICE	0	0
SRU	VALVE	0	0
SUNOL	COMPRESSOR	0	0
SUNOL	PRESSURE RELIEF DEVICE	0	0
SUNOL	PUMP	0	0
SUNOL	VALVE	0	0
TAIL GAS	PRESSURE RELIEF DEVICE	0	0
TAIL GAS	VALVE	0	0
TF	PRESSURE RELIEF DEVICE	2	10
TF	PUMP	0	4
TF	VALVE	12	390

VACUUM	PRESSURE RELIEF DEVICE	0	0
VACUUM	PUMP	0	0
VACUUM	VALVE	2	1
VGO	COMPRESSOR	0	0
VGO	PRESSURE RELIEF DEVICE	0	0
VGO	PUMP	0	0
VGO	VALVE	0	9
WGS	PRESSURE RELIEF DEVICE	0	0
WGS	VALVE	0	28
	TOTAL:	1,549	803