DOCKETED	
Docket Number:	09-AFC-05C
Project Title:	Abengoa Mojave Compliance
TN #:	254938
Document Title:	Mahnaz Ghamati Comments - 4-Mojave Solar Project 2023 Annual Compliance Report (09-AFC-5C)
Description:	N/A
Filer:	System
Organization:	Mahnaz Ghamati
Submitter Role:	Applicant Representative
Submission Date:	3/8/2024 2:35:04 PM
Docketed Date:	3/8/2024

Comment Received From: Mahnaz Ghamati
Submitted On: 3/8/2024
Docket Number: 09-AFC-05C

4-Mojave Solar Project 2023 Annual Compliance Report (09-AFC-5C)

Additional submitted attachment is included below.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/16/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	✓ O/C	✓	Y ☑ N ☐	
2	SG Unit 2	B1-2	160	✓ O/C	✓	Y ☑ N ☐	
3	Reheaters	B1-3	160	✓ O/C	✓	Y ☑ N ☐	
4	Rack 2 West - HTF	B1-4	160	✓ O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF	B1-5	165	✓ O/C	✓	Y ☑ N ☐	
6	North Steel Pro	B1-6	165	✓ O/C	✓	Y ☑ N ☐	
7	HTF Pumps	B1-7	160	✓ O/C	✓	Y ☑ N ☐	
8	HTF Heaters	B1-8	160	✓ O/C	✓	Y ☑ N ☐	
9	South Steel Pro	B1-9	165	✓ O/C	✓	Y ☑ N ☐	
10	Lube Oil	B1-10	165	✓ O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	B1-11	160	✓ O/C	✓	Y ☑ N ☐	
12	Turbine Bearings	B1-12	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	✓ O/C	✓	Y ☑ N ☐	
2	Ullage Area	B2-2	165	✓ O/C	✓	Y ☑ N ☐	
3	Ullage Structure	B2-11	165	✓ O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	B2-5	165	✓ O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	B2-9	165	✓ O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	B2-6	165	✓ O/C	✓	Y ☑ N ☐	
7	Rack 1 West	B2-7	165	✓ O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	B2-4	165	✓ O/C	✓	Y ☑ N ☐	
9	Over flow AFFF	B2-8	165	✓ O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	B2-3	140	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	✓ O/C		Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓ O/C	✓	Y ☑ N ☐	
2	Offices	B4-3	165	✓ O/C	✓	Y ☑ N ☐	
3	Electrical Room	B4-4	165	✓ O/C	✓	Y ☑ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☑ N ☐	✓ O/C	
2	MP-200A	Y ☑ N ☐	✓ O/C	
3	MP-200B	Y ☑ N ☐	✓ O/C	
4	MP-200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	open	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP 444 and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	~~O/C~~			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 7-10-23
Operator: I. Sapien	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 153

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0040

Pump Suction Pressure: 10 Pump Discharge pressure: 150

Stop time: Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 24	Battery Condition: ✓
Starting hour meter: 176.1	Start time: 0058
Oil pressure start: 1	Oil Pressure finish: 38

Pump Suction Pressure: 10 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 203 After 21 minutes

Stop time: 0119 Stop hour meter: 176.4 Total time running: 21

Comments: Charge Air cooler Temp Out of Range High

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

The new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for annual start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for an emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/9/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	140	✓ O/C	✓	Y ☑ N ☐	
2	SG Unit 2 B1-2	160	✓ O/C	✓	Y ☑ N ☐	
3	Reheaters B1-3	160	✓ O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF B1-4	160	✓ O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF B1-5	165	✓ O/C	✓	Y ☑ N ☐	
6	North Steel Pro B1-6	165	✓ O/C	✓	Y ☑ N ☐	
7	HTF Pumps B1-7	160	✓ O/C	✓	Y ☑ N ☐	
8	HTF Heaters B1-8	160	✓ O/C	✓	Y ☑ N ☐	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y ☑ N ☐	
10	Lube Oil B1-10	165	✓ O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations B1-11	160	✓ O/C	✓	Y ☑ N ☐	
12	Turbine Bearings B1-12	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	✓ O/C	✓	Y ☑ N ☐	
2	Ullage Area B2-2	170	✓ O/C	✓	Y ☑ N ☐	
3	Ullage Structure B2-11	165	✓ O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area B2-5	165	✓ O/C	✓	Y ☑ N ☐	
5	Overflow Tanks B2-9	165	✓ O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area B2-6	165	✓ O/C	✓	Y ☑ N ☐	
7	Rack 1 West B2-7	165	✓ O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area B2-4	165	✓ O/C	✓	Y ☑ N ☐	
9	Overflow AFFF B2-8	165	✓ O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF B2-1	140	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	✓ O/C	✓	Y ☑ N ☐	
2	Offices B4-3	165	✓ O/C	✓	Y ☑ N ☐	
3	Electrical Room B4-4	165	✓ O/C	✓	Y ☑ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☑ N ☐	✓ O/C	
2	MP-200A	Y ☑ N ☐	✓ O/C	
3	MP-200B	Y ☑ N ☐	✓ O/C	
4	MP-200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	open	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444's and Water Treat # 4	O/C ✓			
~~13~~	~~West Side Power Block Valve Shed #1~~	~~O/C~~			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☒ Beta –

Date: 7/2/23

Operator: Anthony

*To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 2358

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Stop time: 0008 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: —

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Good
Starting hour meter: 126.0	Start time: 0011
Oil pressure start: 1	Oil Pressure finish: 41

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: overheated after 10 min @ 194

Stop time: 0021 Stop hour meter: 126.1 Total time running: 10 min

Comments:

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

...te: Fuel consumption 17 gal/h approximately.

...ere is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(1)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/1/23 Operator Isaiah

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	165	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	155	O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	165	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	165	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	160	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	150	O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	165	O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-11	165	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	165	O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-9	160	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	165	O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	163	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-8	165	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	140	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C	✓	Y☑ N☐	
2	Transformer Main	153	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	O/C	✓	Y☑ N☐	
2	Offices	B4-3	160	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	160	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y☐ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓	7-1-23	
2	Maintenance Shop Drive Way #8	O/C	✓	7-1-23	
3	West Side Power Block by VS-3 # 9	O/C	✓	7-1-23	
4	West Side Power Block by VS-3 # 10	O/C	✓	7-1-23	
5	West Side Cooling Tower by VS-4 # 11	O/C	✓	7-1-23	
6	West side Cooling Tower by VS-4 # 12	O/C	✓	7-1-23	
7	N.W. Corner Chemical Storage #1	O/C	✓	7-1-23	
8	N.E. Corner Chemical Storage # 2	O/C	✓	7-1-23	
9	East Side W.T. by Multimedia Filters # 3	O/C	✓	7-1-23	
10	East Side W.T. by Multimedia Filters # 5	O/C	✓	7-1-23	
11	North Side Bldg 10 # 6	O/C	✓	7-1-23	
12	Between MP-222's and Water Treat # 4	O/C	✓	7-1-23	
	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

Fire Protection Inspection Checklist	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha [X] Beta [ ] | Date: 6/24/23

Operator: Anthony | *To be completed each time unit is operated.

Reason for running pumps: Weekly test [✓] Maintenance [ ] Emergency [ ]

Jockey Electric Pump

Pre-start Inspection: Electrical Feed [✓] Mechanical [✓] Valves [✓]

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed [✓] Mechanical [✓] Valves [✓]

Start the pump on pressure drop. Start up pressure: 145

Start time: 2248

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Stop time: 2258 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant [✓] Oil [✓] Mechanical [✓] Valves [✓] Water Jacket Heater [✓]

Fuel level > 2/3: Yes [ ] No [✓] Monthly Fuel Consumption: —

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Good
Starting hour meter: 125.9	Start time: 2303
Oil pressure start: 1	Oil Pressure finish: 42

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: Overheated @ 190 after 10 min

Stop time: 2313 Stop hour meter: 126.0 Total time running: 10 min

Comments:

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low line water pressure. In addition this engine shall be operated no more than 30 minutes at any one hour and no more than 10 hours per year for annual start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for these testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA [X] BETA: [ ] Date: 6-24-23 Operator TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	Y	Y☐ N☒	UNLOCKED
2	SG Unit 2 B1-2	160	O/C	Y	Y☐ N☒	
3	Reheaters B1-3	160	O/C	Y	Y☐ N☒	
4	Rack 2 West HTF B1-4	160	O/C	Y	Y☐ N☒	
5	Rack 2 East HTF B1-5	160	O/C	Y	Y☐ N☒	
6	North Steel Pro B1-6	160	O/C	Y	Y☐ N☒	
7	HTF Pumps B1-7	155	O/C	Y	Y☐ N☒	
8	HTF Heaters B1-8	160	O/C	Y	Y☐ N☒	
9	South Steel Pro B1-9	160	O/C	Y	Y☐ N☒	
10	Lube Oil B1-10	160	O/C	Y	Y☐ N☒	
11	Turbine Hose Stations B1-11	155	O/C	Y	Y☐ N☒	
12	Turbine Bearings B1-12	160	O/C	Y	Y☐ N☒	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	O/C	Y	Y☐ N☒	UNLOCKED
2	Ullage Area B2-2	165	O/C	Y	Y☐ N☒	
3	Ullage Structure B2-3	165	O/C	Y	Y☐ N☒	
4	Rack 1 Middle Area B2-4	165	O/C	Y	Y☐ N☒	
5	Overflow Tanks B2-5	160	O/C	Y	Y☐ N☒	
6	Rack 1 South Area B2-6	155	O/C	Y	Y☐ N☒	
7	Rack 1 West B2-7	165	O/C	Y	Y☐ N☒	
8	Rack 1 North Area B2-8	160	O/C	Y	Y☐ N☒	
9	Over flow AFFF B2-9	160	O/C	Y	Y☐ N☒	
10	Expansion Vessel AFFF B2-10	160	O/C	Y	Y☐ N☒	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	Y	Y☒ N☐	
2	Transformer Main	155	O/C	Y	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	O/C	Y	Y☒ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	O/C	Y	Y☒ N☐	
2	Offices B4-3	160	O/C	Y	Y☒ N☐	
3	Electrical Room B4-4	160	O/C	Y	Y☒ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	O/C	
2	Bearing 3	Y☒ N☐	O/C	
3	Bearing 4	Y☒ N☐	O/C	
4	Bearing 5	Y☒ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☐ N☒	O/C	NOT LOCKED
2	MP-200A	Y☐ N☒	O/C	NOT LOCKED
3	MP-200B	Y☒ N☐	O/C	
4	MP-200C	Y☒ N☐	O/C	
5	MP-200D	Y☐ N☒	O/C	NOT LOCKED

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	O	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N		
2	Maintenance Shop Drive Way #8	O/C	N		
3	West Side Power Block by VS 3 & 9	O/C	N		
4	West Side Power Block by VS-5 & 10	O/C	N		
5	West Side Cooling Tower by VS-4 & 11	O/C	N		
6	West Side Cooling Tower by VS 4 & 12	O/C	N		
7	N.W. Corner Chemical Storage #1	O/C	N		
8	N.E. Corner Chemical Storage # 2	O/C	N		
9	East Side W.T. by Multimedia Filters # 3	O/C	N		
10	East Side W.T. by Multimedia Filters # 5	O/C	N		
11	North Side Bldg 10 # 6	O/C	N		
12	Between MP-444 s and Water Tank # 4	O/C	N		
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☒ N☐		Transformer Repair

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☒ Beta ☐	Date: 6/17/23
Operator: Diego Rodriguez	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☒ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: N/A Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 0359

Pump Suction Pressure: 10psi Pump Discharge pressure: 150psi

Stop time: 0409. Total time running 10 mins.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption:

Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7	Battery Condition: Good / need To Be cleaned
Starting hour meter: 125.7	Start time: 0412
Oil pressure start: 64psi	Oil Pressure finish:

Pump Suction Pressure: Pump Discharge pressure: 165 psi

Coolant temperature after 30 minutes running: 201

Stop time: 0422 Stop hour meter: 125.8 Total run time: 10mins January 1st hour meter: Total YTD hours:

Comments: High Temp Alarm.

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

The new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 6-17-23 Operator: Brick

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	155	✓ O/C	✓	Y ☐ N ☑	
2	SG Unit 2 B1-2	155	✓ O/C	✓	Y ☐ N ☑	
3	Reheaters B1-3	160	✓ O/C	✓	Y ☐ N ☑	
4	Rack 2 West HTF B1-4	155	✓ O/C	✓	Y ☐ N ☑	
5	Rack 2 East HTF B1-5	160	✓ O/C	✓	Y ☐ N ☑	
6	North Steel Pro B1-6	160	✓ O/C	✓	Y ☐ N ☑	
7	HTF Pumps B1-7	155	✓ O/C	✓	Y ☐ N ☑	
8	HTF Heaters B1-8	155	✓ O/C	✓	Y ☐ N ☑	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y ☐ N ☑	
10	Lube Oil B1-10	160	✓ O/C	✓	Y ☐ N ☑	
11	Turbine Hose Stations B1-11	155	✓ O/C	✓	Y ☐ N ☑	
12	Turbine Bearings B1-12	160	✓ O/C	✓	Y ☐ N ☑	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	✓ O/C	✓	Y ☑ N ☐	
2	Ullage Area B2-2	160	✓ O/C	✓	Y ☑ N ☐	
3	Ullage Structure B2-11	165	✓ O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area B2-5	165	✓ O/C	✓	Y ☑ N ☐	
5	Overflow Tanks B2-9	160	✓ O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area B2-6	165	✓ O/C	✓	Y ☐ N ☑	
7	Rack 1 West B2-7	165	✓ O/C	✓	Y ☐ N ☑	
8	Rack 1 North Area B2-4	155	✓ O/C	✓	Y ☐ N ☑	
9	Overflow AFFF B2-8	155	✓ O/C	✓	Y ☐ N ☑	
10	Expansion Vessel AFFF B2-3	155	✓ O/C	✓	Y ☐ N ☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	168	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	155	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓ O/C	✓	Y ☑ N ☐	
2	Offices B4-3	160	✓ O/C	✓	Y ☑ N ☐	
3	Electrical Room B4-4	160	✓ O/C	✓	Y ☑ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y ☐ N ☑	✓ O/C	
2	MP-200A	Y ☐ N ☑	✓ O/C	
3	MP-200B	Y ☑ N ☐	✓ O/C	
4	MP 200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☐ N ☑	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	O	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side WT by Multimedia Filters # 3	✓ O/C			
10	East Side WT by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

Fire Systems Inspection Checklist: System	Debris	Comments / Actions
1 Transformer Yard Reserve Check	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ | Date: 7-15-23

Operator: I Sapah | *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 169

Pump Suction Pressure: ✓ Pump Discharge pressure: 10

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0346

Pump Suction Pressure: 10 Pump Discharge pressure: 150

Stop time: 0356 Total time running 10

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: —

Battery volt Crank 1: 26 Battery volt Crank 2: 25 | Battery Condition: ✓

Starting hour meter: 130,2 | Start time: 0384

Oil pressure start: 2 | Oil Pressure finish: 37

Pump Suction Pressure: 145 Pump Discharge pressure: 10

Coolant temperature after 30 minutes running: 199

Stop time: H/L Stop hour meter: 150.4 Total run time: 13 January 1st hour meter: Total YTD hours:

Comments: SPN 520192 FMI Charge air cooler Temp out of range High

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/ h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 7-7-23 Operator Travis

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	Y	Y☒ N☐	
2	SG Unit 2 B1-2	160	O/C	Y	Y☒ N☐	
3	Reheaters B1-3	160	O/C	Y	Y☒ N☐	
4	Rack 2 West HTF B1-4	160	O/C	Y	Y☒ N☐	
5	Rack 2 East HTF B1-5	155	O/C	Y	Y☒ N☐	
6	North Steel Pre B1-6	155	O/C	Y	Y☒ N☐	
7	HTF Pumps B1-7	155	O/C	Y	Y☐ N☒	NOT LOCKED
8	HTF Heaters B1-8	155	O/C	Y	Y☒ N☐	
9	South Steel Pre B1-9	155	O/C	Y	Y☒ N☐	
10	Lube Oil B1-10	160	O/C	Y	Y☒ N☐	
11	Turbine Hose Stations B1-11	155	O/C	Y	Y☒ N☐	
12	Turbine Bearings B1-12	160	O/C	Y	Y☒ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	155	O/C	Y	Y☒ N☐	
2	Ullage Area B2-2	160	O/C	Y	Y☒ N☐	
3	Ullage Structure B2-11	155	O/C	Y	Y☒ N☐	
4	Rack 1 Middle Area B2-5	160	O/C	Y	Y☒ N☐	
5	Overflow Tanks B2-9	160	O/C	Y	Y☒ N☐	
6	Rack 1 South Area B2-6	160	O/C	Y	Y☒ N☐	
7	Rack 1 West B2-7	160	O/C	Y	Y☒ N☐	
8	Rack 1 North Area B2-4	160	O/C	Y	Y☒ N☐	
9	Overflow AFFF B2-8	160	O/C	Y	Y☒ N☐	
10	Expansion Vessel AFFF B2-3	160	O/C	Y	Y☒ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	Y	Y☒ N☐	
2	Transformer Main	155	O/C	Y	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	155	O/C	Y	Y☒ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	O/C	Y	Y☒ N☐	
2	Offices B4-3	160	O/C	Y	Y☒ N☐	
3	Electrical Room B4-4	160	O/C	Y	Y☒ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	O/C	
2	Bearing 3	Y☒ N☐	O/C	
3	Bearing 4	Y☐ N☒	O/C	NOT LOCKED
4	Bearing 5	Y☐ N☒	O/C	NOT LOCKED

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☐ N☒	O/C	NOT LOCKED
2	MP-200A	Y☒ N☐	O/C	
3	MP-200B	Y☐ N☒	O/C	NOT LOCKED
4	MP-200C	Y☒ N☐	O/C	
5	MP-200D	Y☒ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N	—	
2	Maintenance Shop Drive Way #8	O/C	Y	7-7-23	
3	West Side Power Block by VS-3 # 9	O/C	Y	7-7-23	
4	West Side Power Block by VS-1 # 10	O/C	Y	7-7-23	
5	West Side Cooling Tower by VS-4 # 11	O/C	Y	7-7-23	
6	West side Cooling Tower by VS 4 # 12	O/C	Y	7-7-23	
7	N.W. Corner Chemical Storage #1	O/C	Y	7-7-23	
8	N.E. Corner Chemical Storage # 2	O/C	Y	7-7-23	
9	East Side W.T. by Multimedia Filters # 3	O/C	Y	7-7-23	
10	East Side W.T. by Multimedia Filters # 5	O/C	Y	7-7-23	
11	North Side Bldg 10 # 6	O/C	Y	7-7-23	
12	Between MP 444 s and Water Treat # 4	O/C	Y	7-7-23	
13	West Side Power Block Valve Shed #1	O/C	N	—	

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Deluge Check	☐ ☒	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 7-10-23
Operator: J Schaal	*To be completed each time unit is operated
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 163

Pump Suction Pressure: Pump Discharge pressure:

Comments:

Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0211

Pump Suction Pressure: 15 Pump Discharge pressure: 150

Stop time: 0221 Total time running 10 mins

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: V
Starting hour meter: 129.9	Start time: 0227
Oil pressure start: 1	Oil Pressure finish:
Pump Suction Pressure: 25 Pump Discharge pressure: NS	
Coolant temperature after 30 minutes running: 228 22 minutes	
Stop time: 0248 Stop hour meter: 130.2 Total time running: 22	

Comments: Engine fault, ECM address 72 fault, engine overheating

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new diesel-drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and pump flow demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

e: Fuel consumption 27 gal/h approximately.

ere is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4)).

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 7.10.23 Operator Travis

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	1605	O/C	Y	Y ☒ N ☐	
2	SG Unit 2 B1-2	1600	O/C	Y	Y ☒ N ☐	
3	Reheaters B1-3	1605	O/C	Y	Y ☒ N ☐	
4	Rack 2 West HTF B1-4	1600	O/C	Y	Y ☒ N ☐	
5	Rack 2 East HTF B1-5	1600	O/C	Y	Y ☒ N ☐	
6	North Steel Pro B1-6	1555	O/C	Y	Y ☒ N ☐	
7	HTF Pumps B1-7	1600	O/C	Y	Y ☐ N ☒	NOT LOCKED
8	HTF Heaters B1-8	1600	O/C	Y	Y ☒ N ☐	
9	South Steel Pro B1-9	1600	O/C	Y	Y ☒ N ☐	
10	Lube Oil B1-10	1605	O/C	Y	Y ☒ N ☐	
11	Turbine Hose Stations B1-11	1600	O/C	Y	Y ☒ N ☐	
12	Turbine Bearings B1-12	1605	O/C	Y	Y ☒ N ☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	1600	O/C	Y	Y ☒ N ☐	
2	Ullage Area B2-2	1600	O/C	Y	Y ☒ N ☐	
3	Ullage Structure B2-3	1600	O/C	Y	Y ☒ N ☐	
4	Rack 1 Middle Area B2-5	1600	O/C	Y	Y ☒ N ☐	
5	Overflow Tanks B2-9	1600	O/C	Y	Y ☒ N ☐	
6	Rack 1 South Area B2-6	1600	O/C	Y	Y ☒ N ☐	
7	Rack 1 West B2-7	1600	O/C	Y	Y ☒ N ☐	
8	Rack 1 North Area B2-4	1600	O/C	Y	Y ☒ N ☐	
9	Over flow AFFF B2-8	1600	O/C	Y	Y ☒ N ☐	
10	Expansion Vessel AFFF B2-3	1600	O/C	Y	Y ☒ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	1600	O/C	Y	Y ☒ N ☐	
2	Transformer Main	1600	O/C	Y	Y ☒ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	1600	O/C	Y	Y ☒ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	1600	O/C	Y	Y ☒ N ☐	
2	Offices B4-3	1605	O/C	Y	Y ☒ N ☐	
3	Electrical Room B4-4	1600	O/C	Y	Y ☐ N ☒	NOT LOCKED

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☒ N ☐	O/C	
2	Bearing 3	Y ☒ N ☐	O/C	
3	Bearing 4	Y ☐ N ☒	O/C	NOT LOCKED
4	Bearing 5	Y ☐ N ☒	O/C	NOT LOCKED

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y ☐ N ☒	O/C	NOT LOCKED
2	MP-200A	Y ☒ N ☐	O/C	
3	MP-200B	Y ☐ N ☒	O/C	NOT LOCKED
4	MP-200C	Y ☒ N ☐	O/C	
5	MP-200D	Y ☒ N ☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	D/C	Locked	Comments
1	Fire Pump House Deluge	195	O	Y ☒ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N	—	
2	Maintenance Shop Drive Way #8	O/C	N	—	
3	West Side Power Block by VS-3 # 9	O/C	N	—	
4	West Side Power Block by VS-1 # 10	O/C	N	—	
5	West Side Cooling Tower by VS 4 # 11	O/C	N	—	
6	West side Cooling Tower by VS-4 # 12	O/C	N	—	
7	N.W. Corner Chemical Storage #1	O/C	N	—	
8	N.E. Corner Chemical Storage # 2	O/C	N	—	
9	East Side W.T. by Multimedia Filters # 3	O/C	N	—	
10	East Side W.T. by Multimedia Filters # 5	O/C	N	—	
11	North Side Bldg 10 # 6	O/C	N	—	
12	Between MP-444's and Water Treat # 4	O/C	N	—	
13	West Side Power Block Valve Shed #1	O/C	N	—	

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
		Y ☐ N ☒	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☒	Date: 7.2.23
Operator: Travis	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☒ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155 PSI

Discharge Pressure: 185psi

Pump Suction Pressure: N/A Pump Discharge pressure: 185psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145psi

Start time: 2346

Pump Suction Pressure: 15psi Pump Discharge pressure: 155psi

Stop time: 2356 Total time running 10 MIN

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption: N/A

Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7	Battery Condition: —
Starting hour meter: 129.8	Start time: 2357
Oil pressure start: 61 psi	Oil Pressure finish: psi

Pump Suction Pressure: 25psi Pump Discharge pressure: 150psi

Coolant temperature after 30 minutes running: 198°

Stop time: 0009 Stop hour meter: 129.9 Total run time: 12Min January 1st hour meter: Total YTD hours:

Comments: Fault; charge air cooler Temp out of range, high

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

New diesel-drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 100 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately

[illegible] is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 7-1-23 Operator Edwin

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	165	✓O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	165	✓O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	165	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	165	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	165	✓O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	165	✓O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	165	✓O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	165	✓O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	165	✓O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	165	✓O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	165	✓O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	165	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	✓O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	160	✓O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-3	160	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	160	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	✓O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	160	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	✓O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-8	160	✓ O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓O/C	✓	Y☑ N☐	
2	Transformer Main	165	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	170	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5		O/C		Y☐ N☐	locked door
2	Offices	B4-3		O/C		Y☐ N☐	locked door
3	Electrical Room	B4-4		O/C		Y☐ N☐	locked door

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	✓	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓	✓	7-1-23	
2	Maintenance Shop Drive Way #6	✓ O/C	✓		
3	West Side Power Block by VS-3 # 9	✓ O/C	✓		
4	West Side Power Block by VS-1 # 10	✓ O/C	✓		
5	West Side Cooling Tower by VS-4 # 11	✓ O/C	✓		
6	West side Cooling Tower by VS-4 # 12	✓ O/C	✓		
7	N.W. Corner Chemical Storage #1	✓ O/C	✓		
8	N.E. Corner Chemical Storage # 2	✓ O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	✓ O/C	✓		
10	East Side W.T. by Multimedia Filters # 5	✓ O/C	✓		
11	North Side 3 dg 10 # 6	✓ O/C			
12	Between MP-442's and Water Treat # 4	O/C ✓	✓		
13	West Side Power Block Valve Shed #1	✓ O/C	✓		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ~~☐~~ ☑	Date: 8-27-23
Operator: Edwin	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ~~☐~~ ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre start Inspection: Electrical Feed ~~☐~~ ☑ Mechanical ~~☐~~ ☑ Valves ~~☐~~ ☑	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 162	
Pump Suction Pressure: ----	Pump Discharge pressure: ----
Comments:	

Electric Pump

Pre-start Inspection: Electrical Feed ~~☐~~ ☑ Mechanical ~~☐~~ ☐ Valves ~~☐~~ ☑	
Start the pump on pressure drop. Start up pressure: 150	
Start time: 2045	
Pump Suction Pressure: 25 psi	Pump Discharge pressure: 150 psi
Stop time: 2055	Total time running 10 min
Comments:	

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☐ No ~~☐~~ ☒	Monthly Fuel Consumption: ----
Battery volt Crank 1: 26 Battery volt Crank 2: 24.5	Battery Condition: Good
Starting hour meter: 131.1	Start time: 2056
Oil pressure start: 1 psi	Oil Pressure finish: 36
Pump Suction Pressure: 25 psi	Pump Discharge pressure: 150 psi
Coolant temperature after 30 minutes running: 198 after 10 min	
Stop time: 2106 Stop hour meter: 131.2 Total run time: 10 min January 1st hour meter:	Total YTD hours:
Comments: Charge Air cooler Alarm after 10 min	

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

The new diesel test drive fire pump engine shall be limited in use for emergency fire suppression, declared as a response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.5(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ Date: 8-26-23

Operator: Isaac *To be completed each time unit is operated.

Reason for running pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 157

Pump Suction Pressure: — Pump Discharge pressure: ✓

Comments: ✓

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 2017

Pump Suction Pressure: 10 Pump Discharge pressure: 150

Stop time: Total time running 10 minutes

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 27	Battery Condition: V
Starting hour meter: 127.2	Start time: 2025
Oil pressure start: 1	Oil Pressure finish: ~~120~~
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 193	
Stop time: 2033 Stop hour meter: 127.3 Total run time:	January 1st hour meter: Total YTD hours:

Comments: Temp over heat

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or drop in fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 100 hours per year for "initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for "source test" engines will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 2.7 gal/h approximately.

There is no limit on engine operation for emergency runs. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 8-19-23
Operator: ISaiaL.	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency _	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: / Pump Discharge pressure: /

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 4:16

Pump Suction Pressure: 26 Pump Discharge pressure: 150

Stop time: 4:26 Total time running

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☐ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Good
Starting hour meter: 127	Start time: 4:30
Oil pressure start: 1	Oil Pressure finish: 41

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Coolant temperature aftor 30 minutes running: 203

Stop time: 439 Stop hour meter: 127.1 Total run time: 10 January 1st hour meter: Total YTD hours:

Comments: overheated @ 203 at 10 minutes

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ Date: 8/13/23

Operator: Diego. Rodriguez *To be completed each time unit is operated

Reason for running pumps: Weekly test ☒ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: N/A Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 0133

Pump Suction Pressure: 10 psi Pump Discharge pressure: 150 psi

Stop time: 0143 Total time running 10 Mins.

Comments:

Diesel Pump

Pre start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 26. Battery Condition: Good, need cleaning.

Starting hour meter: 126.9 HRS. Start time: 0145

Oil pressure start: 62 psi Oil Pressure finish: ~~45~~ psi 43

Pump Suction Pressure: 15 psi Pump Discharge pressure: 160 psi

Coolant temperature after 30 minutes running: 194

Stop time: 0154 Stop hour meter: 127 HRS. Total time running: 9 mins.

Comments: High Temp Alarm.
Could add more coolant to RES. PORT TANK.

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

As new direct drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 100 hours per year for maintenance testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/hr approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha [X] Beta [ ] Date: 8/7/23

Operator: Diego Rodriguez *To be completed each time unit is operated.

Reason for running pumps: Weekly test [✓] Maintenance [ ] Emergency [ ]

Jockey Electric Pump

Pre-start Inspection: Electrical Feed [✓] Mechanical [✓] Valves [✓]

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: N/A Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed [✓] Mechanical [✓] Valves [✓]

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 0110

Pump Suction Pressure: 10 psi Pump Discharge pressure: ~~165psi~~ 150psi

Stop time: 0120 Total time running 10Mins.

Comments:

Diesel Pump

Pre-start Inspection: Coolant [✓] Oil [✓] Mechanical [✓] Valves [✓] Water Jacket Heater [✓]

Fuel level > 2/3: Yes [ ] No [✓] Monthly Fuel Consumption: N/A

Battery volt Crank 1: 27 Battery volt Crank 2: 27. Battery Condition: Good / need To Be cleaned.

Starting hour meter: 126.8 Start time: 0123

Oil pressure start: ~~136~~ 59psi Oil Pressure finish: 46 psi

Pump Suction Pressure: 15psi Pump Discharge pressure: 155psi

Coolant temperature after 30 minutes running: 201 High Temp ALARM.

Stop time: 0131 Stop hour meter: 126.9 Total time running: 8mins.

Comments: High Temp ALARM.
Could use some more coolant on RES. TANK.

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 50 hours per year for internal start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal / h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ Date: 7 | 30 | 27

Operator: PAT *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: 18 psi Pump Discharge pressure: 166 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 23:19

Pump Suction Pressure: 18 psi Pump Discharge pressure: 150 psi

Stop time: 23:29 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7 Battery Condition: good

Starting hour meter: 126.6 Start time: 23:38

Oil pressure start: 59 psi Oil Pressure finish: 40 psi

Pump Suction Pressure: 20 psi Pump Discharge pressure: 164 psi

Coolant temperature after 30 minutes running: 201

Stop time: 23:50 Stop hour meter: 126.7 Total time running:

Comments: High Temp Alarm after 12 min.

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new diesel-drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/hr approximately.

The emergency unit engine operator for emergency use. [Title 17 CCR 93115.6(a)(1)]

126.9

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ Date: 7/22/23

Operator: RT *To be completed each time unit is operated

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165 PSI

Pump Suction Pressure: 14 PSI Pump Discharge pressure: 165 PSI

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 PSI

Start time: 00:17

Pump Suction Pressure: 18 PSI Pump Discharge pressure: 147 PSI

Stop time: 00:27 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7 Battery Condition: good

Starting hour meter: 126.5 Start time: 00:33

Oil pressure start: 63 PSI Oil Pressure finish: 69 PSI

Pump Suction Pressure: 19 PSI Pump Discharge pressure: 158 PSI

Coolant temperature after 30 minutes running: 198°F after 7 min

Stop time: 00:40 Stop hour meter: 126.6 Total time running: 7 min.

Comments: Change Air cooler High Temp Alarm

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ Date: 8-13-23

Operator: Caleb *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 165

Discharge Pressure: 170

Pump Suction Pressure: 150 Pump Discharge pressure: 170

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0125

Pump Suction Pressure: 15 Pump Discharge pressure: 160

Stop time: 0135 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ 1/2 Monthly Fuel Consumption:

Battery volt Crank 1: 25 Battery volt Crank 2: 27 Battery Condition: good

Starting hour meter: 130.9 Start time: 0140

Oil pressure start: 60 Oil Pressure finish: 34

Pump Suction Pressure: 15 Pump Discharge pressure: 155

Coolant temperature after 30 minutes running: 207

Stop time: 150 Stop hour meter: 131.0 Total run time: 10 min January 1st hour meter: Total YTD hours:

Comments:

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 2.7 gal / h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 8-7-23
Operator: Caleb Sowards	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 170

Pump Suction Pressure: 15 Pump Discharge pressure: 170

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 2:15

Pump Suction Pressure: 15 Pump Discharge pressure: 162

Stop time: 2:25 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 1/2 Monthly Fuel Consumption:

Battery volt Crank 1: 25 Battery volt Crank 2: 27	Battery Condition: good
Starting hour meter: 130.7	Start time: 2:27
Oil pressure start: 60	Oil Pressure finish: 35
Pump Suction Pressure: 15	Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 200

Stop time: 0234 Stop hour meter: 130.9 Total run time: 7 min January 1st hour meter: Total YTD hours:

Comments: 0234 Hi temp coolant pressure 82 PSI

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

Each new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as a response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 7-30-23
Operator: Erick Carrillo	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: N/A Pump Discharge pressure: 162

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 18:40

Pump Suction Pressure: 12 Pump Discharge pressure: 150

Stop time: 19:50 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 27.1 Battery volt Crank 2: 27.1	Battery Condition: Good.
Starting hour meter: 130.6	Start time: 18:52.
Oil pressure start: 61	Oil Pressure finish: 36
Pump Suction Pressure: 22.	Pump Discharge pressure: 160

Coolant temperature after 30 minutes running: 212.

Stop time: 19:30 Stop hour meter: 130.7 Total run time: 8min January 1st hour meter: Total YTD hours:

Comments: Charge Air Cooler temps out of range

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

Is new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(1)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☒	Date: 7/22/23
Operator: Diego Rodriguez	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☒ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: N/A Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 0121

Pump Suction Pressure: 10 psi Pump Discharge pressure: 150 psi

Stop time: 0131 Total time running 10 Mins.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption:

Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7	Battery Condition: Good.
Starting hour meter: 130.4	Start time: 0132
Oil pressure start: 68 psi	Oil Pressure finish: 41 psi
Pump Suction Pressure: 20 psi	Pump Discharge pressure: 145 psi
Coolant temperature after 30 minutes running: 201	
Stop time: 0145 Stop hour meter: 130.6 Total run time: 13 Mins January 1st hour meter:	Total YTD hours:

Comments: High Temp ALARM

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for maintenance testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standard for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards one of the allowable annual limits above.

Note: Fuel consumption 27 gal/hr approximately.

There is no limit on engine operation for emergency use. [Ref: 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 8-26-25 Operator [illegible]

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	150	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	155	O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	160	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	160	O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	150	O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	160	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	155	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	160	O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-11	0	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	150	O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-9	160	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	155	O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	0	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	O/C	✓	Y☑ N☐	
9	Over flow AREA	B2-8	0	O/C	✓	Y☑ N☐	
10	Expansion Vessel AREA	B2-3	155	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y☑ N☐	
2	Transformer Main	155	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	175	O/C	✓	Y☑ N☐	
2	Offices	B4-3	175	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-1	170	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP 200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	100	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓	8-26	
2	Maintenance Shop Drive Way #8	O/C	✓	8-26	
3	West Side Power Block by VS-3 # 9	O/C	✓	8-26	
4	West Side Power Block by VS-1 # 10	O/C	✓	8-26	
5	West Side Cooling Tower by VS-4 # 11	O/C	✓	8-26	
6	West Side Cooling Tower by VS-4 # 12	O/C	✓	8-26	
7	N.W. Corner Chemical Storage #1	O/C	✓	8-26	
8	N.E. Corner Chemical Storage # 2	O/C	✓	8-26	
9	East Side W.T. by Multimedia Filters # 3	O/C	✓	8-26	
10	East Side W.T. by Multimedia Filters # 5	O/C	✓	8-26	
11	North Side Bldg 10 # 6	O/C	✓	8-26	
12	Between MP-444's and Water Treat # 4	O/C	✓	8-26	
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 8-18-23 Operator: [illegible]

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	165	O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	165	O/C	✓	Y☑ N☐	
3	Reheaters B1-3	165	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	165	O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	165	O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	HTF	O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	160	O/C	✓	Y☑ N☐	
10	Tube Oil B1-10	175	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations B1-11	160	O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	165	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	O/C	✓	Y☑ N☐	
2	Ullage Area B2-2	170	O/C	✓	Y☑ N☐	
3	Ullage Structure B2-3	170	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-5	165 ~~160~~	O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	165	O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	170	O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	170	O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	160	O/C	✓	Y☑ N☐	
9	Overflow AHH B2-6	165	O/C	✓	Y☑ N☐	
10	Expansion Vessel AHH B2-8	170	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	40	O/C	✓	Y☑ N☐	
2	Offices B4-3	30	O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	165	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓		
2	Maintenance Shop Drive Way #8	O/C	✓		
3	West Side Power Block by VS-3 # 9	O/C	✓		
4	West Side Power Block by VS-1 # 10	O/C	✓		
5	West Side Cooling Tower by VS 4 # 11	O/C	✓		
6	West side Cooling Tower by VS-4 # 12	O/C	✓		
7	N.W. Corner Chemical Storage #1	O/C	✓		
8	N.E. Corner Chemical Storage # 2	O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	O/C	✓		
10	East Side W.T. by Multimedia Filters # 5	O/C	✓		
11	North Side Bldg 10 # 6	O/C	✓		
12	Between MP 444's and Water Treat # 4	O/C	✓		
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 8/12/23 Operator PAT

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	159	O/C	✓	Y☐ N☑	
2	SG Unit 2	B1-2	162	O/C	✓	Y☐ N☑	
3	Reheaters	B1-3	163	O/C	✓	Y☐ N☑	
4	Rack 2 West HTF	B1-4	161	O/C	✓	Y☐ N☑	
5	Rack 2 East HTF	B1-5	161	O/C	✓	Y☐ N☑	
6	North Steel Pro	B1-6	162	O/C	✓	Y☐ N☑	
7	HTF Pumps	B1-7	160	O/C	✓	Y☐ N☑	
8	HTF Heaters	B1-8	160	O/C	✓	Y☐ N☑	
9	South Steel Pro	B1-9	157	O/C	✓	Y☐ N☑	
10	Cube Oil	B1-10	162	O/C	✓	Y☐ N☑	
11	Turbine Hose Stations	B1-11	159	O/C	✓	Y☐ N☑	
12	Turbine Bearings	B1-12	161	O/C	✓	Y☐ N☑	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	164	O/C	✓	Y☐ N☑	
2	Village Area	B2-2	160	O/C	✓	Y☐ N☑	
3	Village Structure	B2-11	163	O/C	✓	Y☐ N☐	
4	Rack 1 Middle Area	B2-5	165	O/C	✓	Y☐ N☑	
5	Overflow Tanks	B2-9	164	O/C	✓	Y☐ N☑	
6	Rack 1 South Area	B2-6	166	O/C	✓	Y☐ N☑	
7	Rack 1 West	B2-7	164	O/C	✓	Y☐ N☑	
8	Rack 1 North Area	B2-4	162	O/C	✓	Y☐ N☑	
9	Overflow AFFF	B2-8	163	O/C	✓	Y☐ N☑	
10	Expansion Vessel AFFF	B2-3	162	O/C	✓	Y☐ N☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	162	O/C	✓	Y☑ N☐	
2	Transformer Main	161	O/C	✓	Y☐ N☑	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	167	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	175	O/C	✓	Y☑ N☐	
2	Offices	B4-3	176	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	175	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☐ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y☐ N☑	O/C	
2	MP-200A	Y☐ N☑	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP 200C	Y☑ N☐	O/C	
5	MP-200D	Y☐ N☑	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	O/C	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS 3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-1 # 11	O/C			
6	West side Cooling Tower by VS 4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 8/16/23 Operator: PAT

Valve Shed # 1 by Condenser

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	161	O/C	✓	Y ☐ N ☑	
2	SG Unit 2	B1-2	162	O/C	✓	Y ☐ N ☑	
3	Reheaters	B1-3	165	O/C	✓	Y ☐ N ☑	
4	Rack 2 West HTF	B1-4	162	O/C	✓	Y ☐ N ☑	
5	Rack 2 East HTF	B1-5	163	O/C	✓	Y ☐ N ☑	
6	North Steel Pro	B1-6	163	O/C	✓	Y ☐ N ☑	
7	HTF Pumps	B1-7	160	O/C	✓	Y ☐ N ☑	
8	HTF Heaters	B1-8	162	O/C	✓	Y ☐ N ☑	
9	South Steel Pro	B1-9	163	O/C	✓	Y ☐ N ☑	
10	Lube Oil	B1-10	165	O/C	✓	Y ☐ N ☑	
11	Turbine Hose Stations	B1-11	165	O/C	✓	Y ☐ N ☑	
12	Turbine Bearings	B1-12	170	O/C	✓	Y ☐ N ☑	

Valve Shed # 2 by Overflow

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	170	O/C	✓	Y ☐ N ☑	
2	Ullage Area	B2-2	170	O/C	✓	Y ☐ N ☑	
3	Ullage Structure	B2-11	169	O/C	✓	Y ☐ N ☑	
4	Rack 1 Middle Area	B2-5	170	O/C	✓	Y ☐ N ☑	
5	Overflow Tanks	B2-9	166	O/C	✓	Y ☐ N ☑	
6	Rack 1 South Area	B2-6	168	O/C	✓	Y ☐ N ☑	
7	Rack 1 West	B2-7	167	O/C	✓	Y ☐ N ☑	
8	Rack 1 North Area	B2-4	162	O/C	✓	Y ☐ N ☑	
9	Over flow AFFF	B2-8	158	O/C	✓	Y ☐ N ☑	
10	Expansion Vessel AFFF	B2-3	190	O/C	✓	Y ☐ N ☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	162	O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	O/C	✓	Y ☐ N ☑	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side		O/C		Y ☐ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	162	O/C	✓	Y ☑ N ☐	
2	Offices	B4-3	160	O/C	✓	Y ☑ N ☐	
3	Electrical Room	B4-4	163	O/C	✓	Y ☑ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☑ N ☐	O/C	
3	Bearing 4	Y ☑ N ☐	O/C	
4	Bearing 5	Y ☑ N ☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☐ N ☑	O/C	
2	MP-200A	Y ☐ N ☑	O/C	
3	MP-200B	Y ☑ N ☐	O/C	
4	MP-200C	Y ☑ N ☐	O/C	
5	MP-200D	Y ☐ N ☑	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y ☐ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	NO	8/16	
2	Maintenance Shop Drive Way #8	O/C	✓		
3	West Side Power Block by VS-3 # 9	O/C	✓		STIFF Thru out TURNS
4	West Side Power Block by VS-1 # 10	O/C	✓		
5	West Side Cooling Tower by VS-4 # 11	O/C	✓		
6	West side Cooling Tower by VS-4 # 12	O/C	✓		
7	N.W. Corner Chemical Storage # 1	O/C	✓		
8	N.E. Corner Chemical Storage # 2	O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	O/C	✓		
10	East Side W.T. by Multimedia Filters # 5	O/C	✓		
11	North Side Bldg 10 # 6	O/C	✓		
12	Between MP-444's and Water Treat # 4	O/C	NO		
13	West Side Power Block Valve Shed #1	O/C	✓	8/16	

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/29/23 Operator: Diego R.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	155	✓O/C	✓	Y☐ N☑	
2	SG Unit 2 B1-2	160	✓O/C	✓	Y☐ N☑	
3	Reheaters B1-3	160	✓O/C	✓	Y☐ N☑	
4	Rack 2 West HTF B1-4	160	✓O/C	✓	Y☐ N☑	
5	Rack 2 East HTF B1-5	160	✓O/C	✓	Y☐ N☑	
6	North Steel Pro B1-6	165	✓O/C	✓	Y☐ N☑	
7	HTF Pumps B1-7	155	✓O/C	✓	Y☐ N☑	
8	HTF Heaters B1-8	160	✓O/C	✓	Y☐ N☑	
9	South Steel Pro B1-9	160	✓O/C	✓	Y☐ N☑	
10	Lube Oil B1-10	135	✓O/C	✓	Y☐ N☑	
11	Turbine Hose Stations B1-11	160	✓O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	160	✓O/C	✓	Y☐ N☑	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	✓O/C	✓	Y☐ N☑	
2	Ullage Area B2-2	160	✓O/C	✓	Y☐ N☑	
3	Ullage Structure B2-11	165	✓O/C	✓	Y☐ N☑	
4	Rack 1 Middle Area B2-5	165	✓O/C	✓	Y☐ N☑	
5	Overflow Tanks B2-9	165	✓O/C	✓	Y☐ N☑	
6	Rack 1 South Area B2-6	170	✓O/C	✓	Y☐ N☑	
7	Rack 1 West B2-7	165	✓O/C	✓	Y☐ N☑	
8	Rack 1 North Area B2-4	160	✓O/C	✓	Y☐ N☑	
9	Over flow AFFF B2-8	155	✓O/C	✓	Y☐ N☑	
10	Expansion Vessel AFFF B2-3	160	✓O/C	✓	Y☐ N☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	✓O/C	✓	Y☑ N☐	Needs NEW Sign.

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓O/C	✓	Y☑ N☐	
2	Offices B4-3	160	✓O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	160	✓O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y☐ N☑	✓O/C	
2	MP-200A	Y☐ N☑	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP 200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☐ N☑	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	140	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	✓O/C			
2	Maintenance Shop Drive Way #8	✓O/C			
3	West Side Power Block by VS 3 # 9	✓O/C			
4	West Side Power Block by VS-1 # 10	✓O/C			
5	West Side Cooling Tower by VS-1 # 11	✓O/C			
6	West side Cooling Tower by VS-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	✓O/C			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 3	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 6	✓O/C			
12	Between MP-444s and Water Tnak # 4	✓O/C			
13	West Side Power Block Valve Shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☒ BETA: ☐ Date: 7-22-23 Operator: E[illegible]

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	✓	Y☐ N☐	
2	SG Unit 2 B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	160	O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	160	O/C	✓	Y☐ N☐	
8	HTF Heaters B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	160	O/C	✓	Y☐ N☐	
10	Lube Oil B1-10	160	O/C	✓	Y☐ N☐	
11	Turbine Hose Stations B1-11	160	O/C	✓	Y☐ N☐	
12	Turbine Bearings B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	O/C	✓	Y☐ N☐	
2	Ullage Area B2-2	165	O/C	✓	Y☑ N☐	
3	Ullage Structure B2-3	165	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-4	165	O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-5	165	O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	165	O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	165	O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-8	165	O/C	✓	Y☑ N☐	
9	Over flow AFFF B2-8	165	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-9	165	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y☑ N☐	
2	Transformer Main	165	✓ O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	✓ O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-1	175	O/C	✓	Y☑ N☐	
2	Offices B4-3	175	O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	175	O/C	✓	Y☐ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP 200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	✓	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS 3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-1 # 11	✓ O/C			
6	West side Cooling Tower by VS 4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	O/C	N/A		

To Be Cycled First Saturday of Every Month

Item No.	Inspection Checklist System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 8-26-23 Operator: [illegible]

Valve Shed # 1 by Condenser

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	165	✓ O/C		Y ☑ N ☐	
2	SG Unit 2	B1-2	165	✓ O/C	✓	Y ☑ N ☐	
3	Reheaters	B1-3	165	✓ O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF	B1-4	165	✓ O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF	B1-5	165	✓ O/C	✓	Y ☑ N ☐	
6	North Steel Pro	B1-6	160	✓ O/C	✓	Y ☑ N ☐	
7	HTF Pumps	B1-7	165	✓ O/C	✓	Y ☑ N ☐	
8	HTF Heaters	B1-8	166	✓ O/C	✓	Y ☑ N ☐	
9	South Steel Pro	B1-9	165	✓ O/C	✓	Y ☑ N ☐	
10	Lube Oil	B1-10	166	✓ O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	B1-11	160	✓ O/C	✓	Y ☑ N ☐	
12	Turbine Bearings	B1-12	0	O/C ✓	✓	Y ☐ N ☑	

Valve Shed # 2 by Overflow

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	✓ O/C	✓	Y ☑ N ☐	
2	Ullage Area	B2-2	165	✓ O/C	✓	Y ☑ N ☐	
3	Ullage Structure	B2-11	165	✓ O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	B2-5	165	✓ O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	B2-9	165	✓ O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	B2-6	165	✓ O/C	✓	Y ☑ N ☐	
7	Rack 1 West	B2-7	165	✓ O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	B2-4	165	✓ O/C	✓	Y ☑ N ☐	
9	Over flow AFFF	B2-8	165	✓ O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	B2-3	165	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	166	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-3	[illegible]	O/C		Y ☐ N ☐	Locked Door
2	Offices	B4-3	[illegible]	O/C		Y ☐ N ☐	
3	Electrical Room	B4-4		O/C		Y ☐ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☑ N ☐	✓ O/C	
2	MP-200A	Y ☑ N ☐	✓ O/C	
3	MP-200B	Y ☑ N ☐	✓ O/C	
4	MP-200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	150	✓	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP 444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 8/18/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	✓O/C	✓	Y☐ N☐	
2	SG Unit 2	B1-2	155	✓O/C	✓	Y☐ N☐	
3	Reheaters	B1-3	160	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	160	✓O/C	✓	Y☐ N☐	
5	Rack 2 East HTF	B1-5	155	✓O/C	✓	Y☑ N☐	
6	North Steel Pre	B1-6	155	✓O/C	✓	Y☐ N☐	
7	HTF Pumps	B1-7	155	✓O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	155	✓O/C	✓	Y☐ N☐	
9	South Steel Pre	B1-9	155	✓O/C	✓	Y☐ N☐	
10	Lube Oil	B1-10	160	✓O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	155	✓O/C	✓	Y☐ N☐	
12	Turbine Bearings	B1-12	160	✓O/C	✓	Y☐ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	✓O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	160	✓O/C	✓	Y☐ N☐	
3	Ullage Structure	B2-3	160	✓O/C	✓	Y☐ N☐	
4	Rack 1 Middle Area	B2-5	160	✓O/C	✓	Y☐ N☐	
5	Overflow Tanks	B2-9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	✓O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	160	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	✓O/C	✓	Y☑ N☐	
9	Overflow AFFF	B2-8	160	✓O/C	✓	Y☐ N☐	
10	Expansion Vessel AFFF	B2-3	160	✓O/C	✓	Y☐ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓O/C	✓	Y☐ N☐	
2	Transformer Main	155	✓O/C	✓	Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓O/C	✓	Y☑ N☐	
2	Offices	B4-3	160	✓O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	160	✓O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☐	✓O/C	
2	MP-200A	Y☐ N☐	✓O/C	
3	MP-200B	Y☐ N☐	✓O/C	
4	MP-200C	Y☐ N☐	✓O/C	
5	MP-200D	Y☐ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	Open	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓O/C			
3	West Side Power Block by VS-3 # 9	✓O/C			
4	West Side Power Block by VS-1 # 10	✓O/C			
5	West Side Cooling Tower by VS-4 # 11	✓O/C			
6	West side Cooling Tower by VS-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	✓O/C			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 3	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 6	✓O/C			
12	Between MP-444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 8-13-23 Operator Erick

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	✓	Y ☑ N ☐	
2	SG Unit 2 B1-2	160	O/C	✓	Y ☑ N ☐	
3	Reheaters B1-3	160	O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF B1-4	160	O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF B1-5	155	O/C	✓	Y ☑ N ☐	
6	North Steel Pro B1-6	155	O/C	✓	Y ☑ N ☐	
7	HTF Pumps B1-7	155	✓ O/C	✓	Y ☐ N ☑	
8	HTF Heaters	155	O/C	✓	Y ☑ N ☐	
9	South Steel Pro B1-9	160	O/C	✓	Y ☑ N ☐	
10	Lube Oil	160	O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations B1-11	160	O/C	✓	Y ☑ N ☐	
12	Turbine Bearings B1-12	162	O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	✓ O/C	✓	Y ☑ N ☐	
2	Ullage Area B2-2	160	✓ O/C	✓	Y ☑ N ☐	
3	Ullage Structure B2-11	160	✓ O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area B2-5	160	✓ O/C	✓	Y ☑ N ☐	
5	Overflow Tanks B2-9	160	✓ O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area B2-6	160	✓ O/C	✓	Y ☑ N ☐	
7	Rack 1 West B2-7	168	✓ O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area B2-4	160	✓ O/C	✓	Y ☑ N ☐	
9	Over flow AFFF B2-8	155	✓ O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF B2-3	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓ O/C	✓	Y ☑ N ☐	
2	Offices B4-3	165	✓ O/C	✓	Y ☑ N ☐	
3	Electrical Room	162	✓ O/C	✓	Y ☑ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☐ N ☑	✓ O/C	
4	Bearing 5	Y ☐ N ☑	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☐ N ☑	✓ O/C	
2	MP-200A	Y ☑ N ☐	✓ O/C	
3	MP-200B	Y ☐ N ☑	✓ O/C	
4	MP-200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	O	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS 4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP 444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 8/5/23 Operator: Erick C.

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	✓O/C	✓	Y☑ N☐	
2	SG Unit 2	B1 2	160	✓O/C	✓	Y☑ N☐	
3	Reheaters	B1 3	160	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	155	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1 5	160	✓O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	157	✓O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	155	✓O/C	✓	Y☐ N☑	
8	HTF Heaters	B1 8	150	✓O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	✓O/C	✓	Y☑ N☐	
10	Lube Oil	B1 10	160	O/C		Y☑ N☐	
11	Turbine Hose Stations	B1 11	155	O/C		Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C		Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	✓O/C	✓	Y☑ N☐	
2	Ullage Area	B2 2	160	✓O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-3	160	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2 5	160	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2 9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	✓O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	160	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	✓O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-8	155	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side		O/C		Y☐ N☐	Valved out LOTO

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓O/C	✓	Y☑ N☐	
2	Offices	B4-3	162	✓O/C	✓	Y☑ N☐	
3	Electrical Room	B4 4	160	✓O/C	✓	Y☐ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☐ N☑	✓O/C	
4	Bearing 5	Y☐ N☑	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☐ N☑	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C✓			
2	Maintenance Shop Drive Way #8	✓O/C			
3	West Side Power Block by VS-3 # 9	✓O/C			
4	West Side Power Block by VS 1 # 10	✓O/C			
5	West Side Cooling Tower by VS-4 # 11	✓O/C			
6	West side Cooling Tower by VS-4 # 12	O/C✓			Cooling tower LOTO
7	N.W. Corner Chemical Storage #1	✓O/C			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 3	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 6	✓O/C			
12	Between MP-444's and Water Treat # 4	O/C✓			
13	West Side Power Block Valve Shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
	Transformer Yard Before Check			

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 7-24-23 Operator Caleb

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	180	✓O/C	✓	Y ☑ N ☐	
2	SG Unit 2	B1-2	200	✓O/C	✓	Y ☑ N ☐	
3	Reheaters	B1-3	195	✓O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF	B1-4	175	✓O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF	B1-5	190	✓O/C	✓	Y ☑ N ☐	
6	North Steel Pro	B1-6	185	✓O/C	✓	Y ☑ N ☐	
7	HTF Pumps	B1-7	175	✓O/C	✓	Y ☑ N ☐	
8	HTF Heaters	B1-8	200	✓O/C	✓	Y ☑ N ☐	
9	South Steel Pro	B1-9	190	✓O/C	✓	Y ☑ N ☐	
10	Lube Oil	B1-10	50	✓O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	B1 11	97	✓O/C	✓	Y ☑ N ☐	
12	Turbine Bearings	B1 12	90	✓O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	185	✓O/C	✓	Y ☑ N ☐	
2	Ullage Area	B2-2	200	✓O/C	✓	Y ☑ N ☐	
3	Ullage Structure	B2-3	205	✓O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	B2-5	155	✓O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	B2-9	155	✓O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	B2 6	175	✓O/C	✓	Y ☑ N ☐	
7	Rack 1 West	B2 7	190	✓O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	B2-1	165	✓O/C	✓	Y ☑ N ☐	
9	Over flow AFFF	B2-8	175	✓O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	B2-3	165	✓O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓O/C	✓	Y ☑ N ☐	
2	Transformer Main	180	✓O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side		O/C✓	✓	Y ☑ N ☐	valved workaday

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	165	✓O/C	✓	Y ☑ N ☐	
2	Offices	B4 3	160	✓O/C	✓	Y ☑ N ☐	
3	Electrical Room	B4-4	160	✓O/C	✓	Y ☑ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓O/C	
2	Bearing 3	Y ☑ N ☐	✓O/C	
3	Bearing 4	Y ☑ N ☐	✓O/C	
4	Bearing 5	Y ☑ N ☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☑ N ☐	✓O/C	
2	MP-200A	Y ☑ N ☐	✓O/C	
3	MP 200B	Y ☑ N ☐	✓O/C	
4	MP-200C	Y ☑ N ☐	✓O/C	
5	MP-200D	Y ☑ N ☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	167	✓	Y ☐ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	✓O/C			
2	Maintenance Shop Drive Way #8	O/C✓			
3	West Side Power Block by VS-3 # 9	✓O/C			
4	West Side Power Block by VS-1 # 10	✓O/C			
5	West Side Cooling Tower by VS-4 # 11	✓O/C			
6	West Side Cooling Tower by VS-4 # 12	O/C✓			valve Shed 4 out of Service
7	N.W. Corner Chemical Storage #1	✓O/C			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 6	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 8	✓O/C			
12	Between MP-444's and Water Treat # 1	O/C✓			
13	West Side Power Block Valve Shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 7-22-23 Operator Caleb S.

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	150	✓O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	200	✓O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	200	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	155	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	170	✓O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	165	✓O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	200	✓O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	185	✓O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	49	✓O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	49	✓O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	44	✓O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	40	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	185	✓O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	200	✓O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-11	205	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	165	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	175	✓O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	195	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	165	✓O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-8	175	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	175	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓O/C	✓	Y☑ N☐	
2	Transformer Main	180	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	40	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	165	✓O/C	✓	Y☑ N☐	
2	Offices	B4-3	170	✓O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	160	✓O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	✓	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓O/C			
3	West Side Power Block by VS-1 # 9	✓O/C			
4	West Side Power Block by VS-1 # 10	✓O/C			
5	West Side Cooling Tower by VS-4 # 11	✓O/C			
6	West side Cooling Tower by VS-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	✓O/C			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 3	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 6	✓O/C			
12	Between MP-444's and Water Treat # 4	O/C✓			
13	West Side Power Block Valve Shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ Date: 9-4

Operator: Caleb *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 170

Pump Suction Pressure: 15 Pump Discharge pressure: 170

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0653

Pump Suction Pressure: Pump Discharge pressure: 168

Stop time: 0703 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 27 Battery volt Crank 2: 26	Battery Condition: good
Starting hour meter: 131.2	Start time: 0705
Oil pressure start: 59	Oil Pressure finish: 32

Pump Suction Pressure: 15 Pump Discharge pressure: 155

Coolant temperature after 30 minutes running: 207

Stop time: 0728 Stop hour meter: 131.5 Total run time: 23min January 1st hour meter: Total YTD hours:

Comments:

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

Each new diesel driven fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, the engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, the engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted toward either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

Terms relative to engine operation for emergency use (Title 17 CCR 93115.6(a)(4)).

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 9-11-23
Operator: Caleb Sowards	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 170

Pump Suction Pressure: 15 Pump Discharge pressure: 170

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0407

Pump Suction Pressure: 15 Pump Discharge pressure: 168

Stop time: 0417 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 25 Battery volt Crank 2: 27	Battery Condition: good
Starting hour meter: 131.5	Start time: 0420
Oil pressure start: 60	Oil Pressure finish: 35
Pump Suction Pressure: 15	Pump Discharge pressure: 155
Coolant temperature after 30 minutes running: 204	
Stop time: 0434 Stop hour meter: 131.7 Total run time: 15	January 1st hour meter: Total YTD hours:

Comments:

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 15 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- "Standard for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)].

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ | Date: 9-17-23

Operator: Caleb Sowards | *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency –

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 170

Pump Suction Pressure: 15 Pump Discharge pressure: 170

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0320

Pump Suction Pressure: 15 Pump Discharge pressure: 166

Stop time: 0330 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 25 | Battery Condition: good

Starting hour meter: 131.7 | Start time: 0332

Oil pressure start: 60 | Oil Pressure finish: 34

Pump Suction Pressure: 15 Pump Discharge pressure: 155

Coolant temperature after 30 minutes running: 208

Stop time: 0347 Stop hour meter: 131.8 Total run time: 10mn January 1st hour meter: Total YTD hours:

Comments: Stoped on High temp Alarm

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as a response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 100 hours per year for in-total start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ Date: 9-24-23

Operator: Erick.

*To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155.

Discharge Pressure: 162

Pump Suction Pressure: N/A Pump Discharge pressure: 162.

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145.

Start time: 18:58

Pump Suction Pressure: 12 Pump Discharge pressure: 147

Stop time: Total time running 10min.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☐ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ 1/2 Monthly Fuel Consumption:

Battery volt Crank 1: 27.1 Battery volt Crank 2: 27.1 Battery Condition: Good.

Starting hour meter: 131.8 Start time: 19.10

Oil pressure start: 59 psi Oil Pressure finish: 34psi

Pump Suction Pressure: 22 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 210

Stop time: 19:10 Stop hour meter: 131.9 Total run time: .7 January 1st hour meter: Total YTD hours:

Comments: Change air cooler temp outlet Rings + (High)

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or drop in fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 15 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(b)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 9/23/23
Operator: PAT	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 PSI

Discharge Pressure: 165 PSI

Pump Suction Pressure: 18 PSI Pump Discharge pressure: 164 PSI

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Start the pump on pressure drop. Start up pressure: 145 PSI

Start time: 20:44

Pump Suction Pressure: 18 PSI Pump Discharge pressure: 150 PSI

Stop time: 20:56 Total time running 10 min.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26.6 Battery volt Crank 2: 26.6	Battery Condition: good
Starting hour meter: 127.8	Start time: 21:04
Oil pressure start: 1 PSI	Oil Pressure finish: 42 PSI
Pump Suction Pressure: 20 PSI	Pump Discharge pressure: 160 PSI
Coolant temperature after 30 minutes running: 194 PSI after 8 min	
Stop time: 21:12 Stop hour meter: Total run time: 127.9 January 1st hour meter:	Total YTD hours:

Comments: Charge air cooler High temp

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for service testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 7 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR §93115.6(b)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 9/15/23

Operator: Dilyo Rodriguez | *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155psi

Discharge Pressure: 160 psi

Pump Suction Pressure: N/A. Pump Discharge pressure: 160psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145psi

Start time: 1944

Pump Suction Pressure: 10psi Pump Discharge pressure: 150 psi

Stop time: 1954 Total time running 10Mins.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☒ 1/4 Monthly Fuel Consumption: N/A

Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7 | Battery Condition: ✓ need To Be cleaned.

Starting hour meter: 127.7 | Start time: 1956.

Oil pressure start: 61 psi | Oil Pressure finish: 45psi

Pump Suction Pressure: 15psi Pump Discharge pressure: 165psi

Coolant temperature after 30 minutes running: 194 psi

Stop time: 2004 Stop hour meter: 127.8 Total run time: 8Mins. January 1st hour meter: Total YTD hours:

Comments: High Temp ALARM

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new diesel drive fire pump engine shall be limited to use for emergency fire suppression, utilized as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption at 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 9/11/23

Operator: Anthony | *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency _

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0015

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Stop time: 0025 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: —

Battery volt Crank 1: 26 Battery volt Crank 2: 26 | Battery Condition: Good

Starting hour meter: 127.6 | Start time: 0028

Oil pressure start: 1 | Oil Pressure finish: 41

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 198 after 10 min

Stop time: 0038 Stop hour meter: 127.7 Total run time: 10 min January 1st hour meter: Total YTD hours:

Comments:

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new diesel fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 12 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for service testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 2+ gal/h approximately.

There's no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(2))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ I

Date: 9/3/23

Operator: Anthony

*To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: --- Pump Discharge pressure: ---

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 2308

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Stop time: 2318 Total time running 10 min

Comments:

Diese! Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: ---

Battery volt Crank 1: 26 Battery volt Crank 2: 26 Battery Condition: Good

Starting hour meter: 127.4 Start time: 2321

Oil pressure start: 1 Oil Pressure finish: 41

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 199 after 14 min

Stop time: 2335 Stop hour meter 127.6 Total run time: January 1st hour meter: Total YTD hours:

Comments:

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as a response to a fire or use below fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note. Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(1)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9/30/23 Operator Diego R

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	150	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pre	B1-6	160	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	168	O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	155	O/C	✓	Y☑ N☐	
9	South Steel Pre	B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	160	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	185	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	148	O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	160	O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-11	160	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	145	O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-9	160	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	165	O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	165	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	155	O/C	✓	Y☑ N☐	
9	Overflow AFFF	B2-8	155	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	0	O/C	✓	Y☐ N☑	VALVED OUT

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y☑ N☐	
2	Transformer Main	155	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	O/C		Y☑ N☐	Needs new Sign

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	O/C	✓	Y☑ N☐	
2	Offices	B4-3	160	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	160	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	O/C	
2	MP-200A	Y☐ N☑	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☐ N☑	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-1 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West Side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9/23/23 Operator: Diego R.

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	155	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	155	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	160	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	155	O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	155	O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	160	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	155	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	O/C	✓	Y☐ N☑	
2	Ullage Area	B2-2	160	O/C	✓	Y☐ N☑	
3	Ullage Structure	B2-11	160	O/C	✓	Y☐ N☑	
4	Rack 1 Middle Area	B2-5	165	O/C	✓	Y☐ N☑	
5	Overflow Tanks	B2-9	160	O/C	✓	Y☐ N☑	
6	Rack 1 South Area	B2-6	165	O/C	✓	Y☐ N☑	
7	Rack 1 West	B2-7	165	O/C	✓	Y☐ N☑	
8	Rack 1 North Area	B2-4	160	O/C	✓	Y☐ N☑	
9	Over flow AFFF	B2-8	155	O/C	✓	Y☐ N☑	
10	Expansion Vessel AFFF	B2-3	0	O/C	✓	Y☐ N☑	valved out.

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	155	O/C	✗	Y☑ N☐	Need New Sign.

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	O/C	✓	Y☑ N☐	
2	Offices	B4-3	160	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	160	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	O/C	
2	MP-200A	Y☐ N☑	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☐ N☑	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 2	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9/16/23 Operator: PM

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	✓	Y ☑ N ☐	
2	SG Unit 2 B1-2	162	O/C	✓	Y ☑ N ☐	
3	Reheaters B1-3	162	O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF B1-4	160	O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF B1-5	164	O/C	✓	Y ☑ N ☐	
6	North Steel Pro B1-6	164	O/C	✓	Y ☑ N ☐	
7	HTF Pumps B1-7	157	O/C	✓	Y ☑ N ☐	
8	HTF Heaters B1-8	161	O/C	✓	Y ☑ N ☐	
9	South Steel Pro B1-9	162	O/C	✓	Y ☑ N ☐	
10	Lube Oil B1-10	164	O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations B1-11	155	O/C	✓	Y ☑ N ☐	
12	Turbine Bearings B1-12	164	O/C	✓	Y ☐ N ☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	0	O/C	✓	Y ☐ N ☑	
2	Ullage Area B2-2	162	O/C	✓	Y ☐ N ☑	
3	Ullage Structure B2-11	0	O/C	✓	Y ☐ N ☑	
4	Rack 1 Middle Area B2-5	0	O/C	✓	Y ☐ N ☑	
5	Overflow Tanks B2-9	160	O/C	✓	Y ☐ N ☑	
6	Rack 1 South Area B2-6	0	O/C	✓	Y ☐ N ☑	
7	Rack 1 West B2-7	0	O/C	✓	Y ☐ N ☑	
8	Rack 1 North Area B2-4	0	O/C	✓	Y ☐ N ☑	
9	Over flow AFFF B2-8	0	O/C	✓	Y ☐ N ☑	
10	Expansion Vessel AFFF B2-3	0	O/C	✓	Y ☐ N ☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	162	O/C	162 ✓	Y ☑ N ☐	
2	Transformer Main	160	O/C	160 ✓	Y ☐ N ☑	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	O/C	✓	Y ☑ N ☐	14

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	162	O/C	✓	Y ☑ N ☐	
2	Offices B4-3	160	O/C	✓	Y ☑ N ☐	
3	Electrical Room B4-4	160	O/C	✓	Y ☑ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☑ N ☐	O/C	
3	Bearing 4	Y ☑ N ☐	O/C	
4	Bearing 5	Y ☑ N ☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y ☐ N ☑	O/C	
2	MP 200A	Y ☐ N ☑	O/C	
3	MP-200B	Y ☐ N ☑	O/C	
4	MP-200C	Y ☐ N ☑	O/C	
5	MP-200D	Y ☐ N ☑	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	176	O	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-4400 and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9-9-23 Operator [illegible]

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	165	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	165	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	160	O/C	✓	Y☑ N☐	
8	HTF Coolers	B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	165	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	0	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	165	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	170	O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-11	170	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	155	O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-8	160	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	0	O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	0	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	O/C	✓	Y☑ N☐	
9	Overflow AFFF	B2-6	0	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-5	155	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C	✓	Y☑ N☐	
2	Transformer Main	155	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	0	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-3	160	O/C	✓	Y☑ N☐	
2	Offices	B4-1	160	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-2	160	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y☑ N☐	O/C	
2	MP 200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓	9-9-23	
2	Maintenance Shop Drive Way #8	O/C	✓	↓	
3	West Side Power Block by VS-3 # 9	O/C	✓		
4	West Side Power Block by VS-1 # 10	O/C	✓		
5	West Side Cooling Tower by VS-2 # 11	O/C	✓		
6	West side Cooling Tower by VS-2 # 12	O/C	✓		
7	N.W. Corner Chemical Storage #1	O/C	✓		
8	N.E. Corner Chemical Storage # 7	O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	O/C	✓		
10	East Side W.T. by Multimedia Filters # 5	O/C	✓		
11	North Side Bldg 10 # 6	O/C	✓		
12	Between MP-444's and Water Treat # 2	O/C	✓		
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9-2-23 Operator: ISaac

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	130	O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	165	O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	155	O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	160	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations B1-11	165	O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	O/C	✓	Y☑ N☐	
2	Ullage Area B2-2	160	O/C	✓	Y☑ N☐	
3	Ullage Structure B2-11	0	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-5	155	O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	155	O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	75	O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	0	O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	165	O/C	✓	Y☑ N☐	
9	Overflow AFFF B2-8	0	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-3	175	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	30	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	175	O/C	✓	Y☑ N☐	
2	Offices B4-3	165	O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	170	O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓		
2	Maintenance Shop Drive Way #8	O/C	✓		
3	West Side Power Block by VS-1 # 9	O/C	✓		
4	West Side Power Block by VS-3 # 10	O/C	✓		
5	West Side Cooling Tower by VS-4 # 11	O/C	✓		
6	West side Cooling Tower by VS-4 # 12	O/C	✓		
7	N.W. Corner Chemical Storage #1	O/C	✓		
8	N.E. Corner Chemical Storage # 2	O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	O/C	✓		
10	East Side W.T. by Multimedia Filters # 5	O/C	✓		
11	North Side Bldg 10 # 6	O/C	✓		
12	Between MP-444's and Water Tank # 4	O/C	✓		
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 9-16 Operator: Black C

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	165	✓ O/C	✓	Y☒ N☐	
2	SG Unit 2 B1-2	160	✓ O/C	✓	Y☒ N☐	
3	Reheaters B1-3	160	✓ O/C	✓	Y☒ N☐	
4	Rack 2 West HTF B1-4	160	✓ O/C	✓	Y☒ N☐	
5	Rack 2 East HTF B1-5	165	✓ O/C	✓	Y☒ N☐	
6	North Steel Pro B1-6	160	✓ O/C	✓	Y☒ N☐	
7	HTF Pumps B1-7	160	✓ O/C	✓	Y☐ N☒	
8	HTF Heaters B1-8	165	✓ O/C	✓	Y☒ N☐	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y☒ N☐	
10	Lube Oil B1-10	160	✓ O/C	✓	Y☒ N☐	
11	Turbine Hose Stations B1-11	160	✓ O/C	✓	Y☒ N☐	
12	Turbine Bearings B1-12	160	✓ O/C	✓	Y☐ N☒	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	✓ O/C	✓	Y☒ N☐	
2	Ullage Area B2-2	160	✓ O/C	✓	Y☒ N☐	
3	Ullage Structure B2-3	160	✓ O/C	✓	Y☒ N☐	
4	Rack 1 Middle Area B2-5	165	✓ O/C	✓	Y☒ N☐	
5	Overflow Tanks B2-6	160	✓ O/C	✓	Y☒ N☐	
6	Rack 1 South Area B2-8	160	✓ O/C	✓	Y☒ N☐	
7	Rack 1 West B2-7	160	✓ O/C	✓	Y☒ N☐	
8	Rack 1 North Area B2-4	165	✓ O/C	✓	Y☒ N☐	
9	Over flow AFFF B2-8	160	✓ O/C	✓	Y☒ N☐	
10	Expansion Vessel AFFF B2-3	160	✓ O/C	✓	Y☒ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y☒ N☐	
2	Transformer Main	160	✓ O/C	✓	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y☐ N☒	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓ O/C	✓	Y☐ N☐	
2	Offices B4-3	165	✓ O/C	✓	Y☐ N☐	
3	Electrical Room B4-4	160	✓ O/C	✓	Y☐ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	✓ O/C	
2	Bearing 3	Y☒ N☐	✓ O/C	
3	Bearing 4	Y☐ N☒	✓ O/C	
4	Bearing 5	Y☐ N☒	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☒	✓ O/C	
2	MP-200A	Y☒ N☐	✓ O/C	
3	MP-200B	Y☐ N☒	✓ O/C	
4	MP-200C	Y☒ N☐	✓ O/C	
5	MP-200D	Y☒ N☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	O	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS 4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP 444's and Water Treat # 4	✓ O/C ✓			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☒	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA ☑ Date: 9-2-23 Operator Efrain Mendez

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	160	O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	160	O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	160	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations B1-11	160	O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	0	O/C ✓	✓	Y☐ N☑	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	O/C	✓	Y☑ N☐	
2	Ullage Area B2-2	165	O/C	✓	Y☑ N☐	
3	Ullage Structure B2-11	165	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-5	165	O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	165	O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	165	O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	165	O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	165	O/C	✓	Y☑ N☐	
9	Over flow AFFF B2-8	165	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-3	165	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	166	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	O/C ✓	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5		O/C		Y☐ N☐	locked DOOR
2	Offices B4-6		O/C		Y☐ N☐	
3	Electrical Room B4-4		O/C		Y☐ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP 200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175		Y☐ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 9/24/23 Operator: Caleb Sowards

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	✓O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	160	✓O/C	✓	Y☑ N☐	
3	Reheaters B1-3	145	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	175	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	175	✓O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	185	✓O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	31	✓O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	175	✓O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	195	✓O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	[redacted]	✓O/C	✓	Y☑ N☐	Max
11	Turbine Hose Stations B1-11		✓O/C	✓	Y☑ N☐	Max
12	Turbine Bearings B1-12	110	✓O/C	✓	Y☑ N☐	Max

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	✓O/C	✓	Y☑ N☐	
2	Ullage Area B2-2	195	✓O/C	✓	Y☑ N☐	
3	Ullage Structure B2-3	195	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-5	160	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	180	✓O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	185	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	170	✓O/C	✓	Y☑ N☐	
9	Overflow AFFF B2-6	160	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-8	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	175	✓O/C	✓	Y☑ N☐	
2	Transformer Main	180	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	145	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-3		✓O/C	✓	Y☑ N☐	
2	Offices B4-3		✓O/C	✓	Y☑ N☐	
3	Electrical Room B4-4		✓O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	167	✓	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓	No		
2	Maintenance Shop Drive Way #8	✓O/C	No		
3	West Side Power Block by VS-3 # 9	✓O/C	No		
4	West Side Power Block by VS-1 # 10	✓O/C	No		
5	West Side Cooling Tower by VS-4 # 11	✓O/C	No		
6	West Side Cooling Tower by VS-4 # 12	✓O/C	No		
7	N.W. Corner Chemical Storage #1	✓O/C	No		
8	N.E. Corner Chemical Storage # 2	✓O/C	No		
9	East Side W.T. by Multimedia Filters # 3	✓O/C	No		
10	East Side W.T. by Multimedia Filters # 5	✓O/C	No		
11	North Side Bldg 10 # 6	✓O/C	No		
12	Between MF-444's and Water Treat # 4	O/C ✓	No		
13	West Side Power Block Valve Shed #1	✓O/C	No		

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	✓	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 10/25/23 Operator [signature]

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	165	✓ O/C	✓	Y☒ N☐	
2	SG Unit 2 B1-2	165	✓ O/C	✓	Y☒ N☐	
3	Reheaters B1-3	165	✓ O/C	✓	Y☒ N☐	
4	Rack 2 West HTF B1-4	165	✓ O/C	✓	Y☒ N☐	
5	Rack 2 East HTF B1-5	165	✓ O/C	✓	Y☒ N☐	
6	North Steel Pro B1-6	165	✓ O/C	✓	Y☒ N☐	
7	HTF Pumps B1-7	165	✓ O/C	✓	Y☒ N☐	
8	HTF Heaters B1-8	165	✓ O/C	✓	Y☒ N☐	
9	South Steel Pro B1-9	165	✓ O/C	✓	Y☒ N☐	
10	Lube Oil B1-10	165	✓ O/C	✓	Y☒ N☐	
11	Turbine Hose Stations B1-11	165	✓ O/C	✓	Y☒ N☐	
12	Turbine Bearings B1-12	165	✓ O/C	✓	Y☒ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	✓ O/C	✓	Y☒ N☐	
2	Ullage Area B2-2	160	✓ O/C	✓	Y☒ N☐	
3	Ullage Structure B2-11	160	✓ O/C	✓	Y☒ N☐	
4	Rack 1 Middle Area B2-5	160	✓ O/C	✓	Y☒ N☐	
5	Overflow Tanks B2-9	160	✓ O/C	✓	Y☒ N☐	
6	Rack 1 South Area B2-6	160	✓ O/C	✓	Y☒ N☐	
7	Rack 1 West B2-7	160	✓ O/C	✓	Y☒ N☐	
8	Rack 1 North Area B2-4	160	✓ O/C	✓	Y☒ N☐	
9	Over flow AFFF B2-8	160	✓ O/C	✓	Y☒ N☐	
10	Expansion Vessel AFFF B2-3	160	✓ O/C	✓	Y☒ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y☒ N☐	
2	Transformer Main	165	✓ O/C	✓	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y☒ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	✓ O/C	✓	Y☒ N☐	
2	Offices B4-3	165	✓ O/C	✓	Y☒ N☐	
3	Electrical Room B4-4	165	✓ O/C	✓	Y☒ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	✓ O/C	
2	Bearing 3	Y☒ N☐	✓ O/C	
3	Bearing 4	Y☒ N☐	✓ O/C	
4	Bearing 5	Y☒ N☐	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y☒ N☐	✓ O/C	
2	MP-200A	Y☒ N☐	✓ O/C	
3	MP-200B	Y☒ N☐	✓ O/C	
4	MP 200C	Y☒ N☐	✓ O/C	
5	MP-200D	Y☒ N☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	120	✓	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓	✓		
2	Maintenance Shop Drive Way #8	✓ O/C	✓		
3	West Side Power Block by VS-3 # 9	✓ O/C	✓		
4	West Side Power Block by VS-1 # 10	✓ O/C	✓		
5	West Side Cooling Tower by VS-4 # 11	✓ O/C	✓		
6	West side Cooling Tower by VS-1 # 12	✓ O/C	✓		
7	N.W. Corner Chemical Storage #1	✓ O/C	✓		
8	N.E. Corner Chemical Storage # 2	✓ O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	✓ O/C	✓		
10	East Side W.T. by Multimedia Filters # 5	✓ O/C	✓		
11	North Side Bldg 10 # 6	✓ O/C	✓		
12	Between MP-444's and Water Treat # 4	O/C ✓	✓		
13	West Side Power Block Valve Shed #1	✓ O/C	✓		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☒	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 10-26-23
Operator: I Salah	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure:

Pump Suction Pressure: NA Pump Discharge pressure: NA

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 140

Pump Suction Pressure: 15 Pump Discharge pressure: 150

Stop time: 150 Total time running 10

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: ✓
Starting hour meter: 128.5	Start time: 155
Oil pressure start: 1	Oil Pressure finish: 40
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 201	
Stop time: 205 Stop hour meter: 178.6 Total run time: 10	January 1st hour meter: Total YTD hours:

Comments: High air cooler range 570192

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 12 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 2.7 gal/h approximately.

There is no limit on engine operation for emergency use. Title 17 CCR 93115.6(a)(4)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☒ Beta ☐	Date:
Operator: Isaiah Arguelles	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☐ Maintenance ☐ Emergency _	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165

Pump Suction Pressure: 15 Pump Discharge pressure: 162

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: ~~165~~ 145

Start time: 106

Pump Suction Pressure: ~~15~~ 15 Pump Discharge pressure: ~~162~~ 150

Stop time: Total time running

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: ✓
Starting hour meter: 1283	Start time: 119
Oil pressure start: 16 PSI	Oil Pressure finish: 39
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 199	
Stop time: 133 Stop hour meter: 1285 Total run time: 14	January 1st hour meter: Total YTD hours:

Comments: Charge air cooler range

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR §93115.6(a)(3))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 10-21-22.
Operator: Isaol	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure:

Pump Suction Pressure: Pump Discharge pressure:

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 241

Pump Suction Pressure: 15 Pump Discharge pressure: 150

Stop time: 251 Total time running 10

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 25 Battery volt Crank 2: 26	Battery Condition: ✓
Starting hour meter: 132.4	Start time: 254
Oil pressure start: 1	Oil Pressure finish: 35
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 198	
Stop time: 1553 Stop hour meter: 132.5 Total run time: 10	January 1st hour meter: Total YTD hours:

Comments: Charge air cooler temp High range

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel-drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 100 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There's no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ Date: 10-16-23

Operator: Caleb Sowards *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☑ Emergency ☑

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: ~~130~~ 155

Discharge Pressure: 170

Pump Suction Pressure: 15 Pump Discharge pressure: 170

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0355

Pump Suction Pressure: 15 Pump Discharge pressure: 161

Stop time: 0405 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 27 Battery volt Crank 2: 26 Battery Condition: good

Starting hour meter: 132.2 Start time: ~~0400~~ 0405

Oil pressure start: 65 Oil Pressure finish: 54

Pump Suction Pressure: 15 Pump Discharge pressure: 155

Coolant temperature after 30 minutes running: 204

Stop time: 0420 Stop hour meter: 132.4 Total run time: 15 January 1st hour meter: Total YTD hours:

Comments:

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or drop in low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 12 hours per year for initial start-up testing and compliance demonstrations. Additionally this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards one of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 10/21/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	✓O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	160	✓O/C	✓	Y☑ N☐	
3	Reheaters B1-3	160	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	160	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	160	✓O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	155	✓O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	155	✓O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	160	✓O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	155	✓O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	160	✓O/C	✓	Y☑ N☐	
11	Turbine Pedestals B1-11	160	✓O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	165	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	✓O/C	✓	Y☑ N☐	
2	Ullage Area B2-2	165	✓O/C	✓	Y☑ N☐	
3	Ullage Structure B2-11	160	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-5	160	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	160	✓O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	160	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	160	✓O/C	✓	Y☑ N☐	
9	Over flow AFFF B2-8	155	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-3	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓O/C	✓	Y☑ N☐	
2	Offices B4-3	165	✓O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	160	✓O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	Open	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	✓O/C			
2	Maintenance Shop Drive Way #8	✓O/C			
3	West Side Power Block by VS-3 # 9	✓O/C			
4	West Side Power Block by VS-1 # 10	✓O/C			
5	West Side Cooling Tower by VS-4 # 11	✓O/C			
6	West side Cooling Tower by VS-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	✓O/C			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 3	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 6	✓O/C			
12	Between MP-444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 10/14/23 Operator Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	O/C	✓	Y ☑ N ☐
2	SG Unit 2	B1-2	155	O/C	✓	Y ☑ N ☐
3	Reheaters	B1-3	160	O/C	✓	Y ☑ N ☐
4	Rack 2 West HTF	B1-4	160	O/C	✓	Y ☑ N ☐
5	Rack 2 East HTF	B1-5	155	O/C	✓	Y ☑ N ☐
6	North Steel Pro	B1-6	155	O/C	✓	Y ☑ N ☐
7	HTF Pumps	B1-7	155	O/C	✓	Y ☑ N ☐
8	HTF Heaters	B1-8	155	O/C	✓	Y ☑ N ☐
9	South Steel Pro	B1-9	160	O/C	✓	Y ☑ N ☐
10	Lube Oil	B1-10	160	O/C	✓	Y ☑ N ☐
11	Turbine Hose Stations	B1-11	160	O/C	✓	Y ☑ N ☐
12	Turbine Bearings	B1-12	160	O/C	✓	Y ☑ N ☐

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	O/C	✓	Y ☑ N ☐
2	Ullage Area	B2-2	160	O/C	✓	Y ☑ N ☐
3	Ullage Structure	B2-11	155	O/C	✓	Y ☑ N ☐
4	Rack 1 Middle Area	B2-5	155	O/C	✓	Y ☑ N ☐
5	Overflow Tanks	B2-9	155	O/C	✓	Y ☑ N ☐
6	Rack 1 South Area	B2-6	155	O/C	✓	Y ☑ N ☐
7	Rack 1 West	B2-7	160	O/C	✓	Y ☑ N ☐
8	Rack 1 North Area	B2-4	160	O/C	✓	Y ☑ N ☐
9	Over flow AFFF	B2-8	155	O/C	✓	Y ☑ N ☐
10	Expansion Vessel AFFF	B2-3	155	O/C	✓	Y ☑ N ☐

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	O/C	✓	✓	Y ☑ N ☐
2	Transformer Main	155	O/C	✓	✓	Y ☑ N ☐

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	0/S	O/C		Y ☐ N ☐	Valved out

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	O/C		Y ☐ N ☐	
2	Offices	B4-3	O/C		Y ☐ N ☐	
3	Electrical Room	B4-4	O/C		Y ☐ N ☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☑ N ☐	O/C	
3	Bearing 4	Y ☑ N ☐	O/C	
4	Bearing 5	Y ☑ N ☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☑ N ☐	O/C	
2	MP-200A	Y ☑ N ☐	O/C	
3	MP-200B	Y ☑ N ☐	O/C	
4	MP-200C	Y ☑ N ☐	O/C	
5	MP-200D	Y ☑ N ☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	Open	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-2 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 10/7/23

Operator: Diego Rodriguez | *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency _

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 160 psi

Pump Suction Pressure: N/A | Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145psi

Start time: 1948

Pump Suction Pressure: 10psi | Pump Discharge pressure: 150 psi

Stop time: 1958 | Total time running 10mins

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ | Monthly Fuel Consumption: N/A

Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7 | Battery Condition: Good/need cleaning

Starting hour meter: 128.1 | Start time: 2000

Oil pressure start: 64 psi | Oil Pressure finish: ~~94 psi~~ 40 psi

Pump Suction Pressure: 15psi | Pump Discharge pressure: 165 psi

Coolant temperature after 30 minutes running: 205 °F

Stop time: 2014 Stop hour meter: 128.3 Total run time: 14 mins January 1st hour meter: Total YTD hours:

Comments: High Temp ALARM.

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition this engine shall be operated no more than 30 minutes in any one hour and no more than 100 hours per year for initial start-up testing and compliance demonstrations. Additionally this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. Title 17 CCR 93115.6(a)(2)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 10/1/23
Operator: VM	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure: 155 PSI

Discharge Pressure: 165 PSI

Pump Suction Pressure: 20 PSI Pump Discharge pressure: 166 PSI

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Start the pump on pressure drop. Start up pressure: 145 PSI

Start time: 19:48

Pump Suction Pressure: 20 PSI Pump Discharge pressure: 150 PSI

Stop time: Total time running 10 min.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26.6 Battery volt Crank 2: 26.6	Battery Condition: Good
Starting hour meter: 127.9	Start time: 20:02
Oil pressure start: 58 PSI	Oil Pressure finish: 41 PSI
Pump Suction Pressure: 21 PSI	Pump Discharge pressure: 161 PSI

Coolant temperature after 30 minutes running: 205 F after 14 minutes running

Stop time: 2026 Stop hour meter: 128.1 Total run time: 14min January 1st hour meter: Total YTD hours:

Comments: High Temp Alarm

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

Is new diesel-drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 12 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/hr approximately

There is no limit on engine operation for emergency use. Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ Date: 10-8-23

Operator: Caleb Sowards *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 170

Pump Suction Pressure: 15 Pump Discharge pressure: 170

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 347

Pump Suction Pressure: 15 Pump Discharge pressure: 167

Stop time: 357 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 27 Battery volt Crank 2: 26 Battery Condition: good

Starting hour meter: 132.0 Start time: 0358

Oil pressure start: 62 Oil Pressure finish: 36

Pump Suction Pressure: 15 Pump Discharge pressure: 155

Coolant temperature after 30 minutes running: 208

Stop time: 408 Stop hour meter: 132.1 Total run time: 10min January 1st hour meter: Total YTD hours:

Comments: High temp.

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new directive" fire pump engine shall be limited to use for emergency fire suppression, defined as a response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/H approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 94115(g)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 10/8/23 Operator PAT

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	162	O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters B1-3	163	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	161	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	159	O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	158	O/C	✓	Y☐ N☑	
7	HTF Pumps B1-7	156	O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	159	O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	166	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations B1-11	162	O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	165	O/C	✓	Y☐ N☑	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	163	O/C	✓	Y☑ N☐	
2	Ullage Area B2-2	164	O/C	✓	Y☑ N☐	
3	Ullage Structure B2-11	164	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-5	160	O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	162	O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	163	O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	162	O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	165	O/C	✓	Y☑ N☐	
9	Over flow AFFF B2-8	170	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-3	172	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	171	O/C	✓	Y☑ N☐	
2	Transformer Main	170	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	N/A	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5		O/C		Y☐ N☐	LOCKED
2	Offices B4-3		O/C		Y☐ N☐	
3	Electrical Room B4-4		O/C		Y☐ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☐ N☑	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☐ N☑	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	181	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-3 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	