FIRE SPRINKLER SYSTEM INSPECTIONS

SAND2012-4575P

BUILDING: 894

Quarterly Inspection: ☒

Annual Inspection: ☐

INSPECTOR(S): RC/SM COMPLETION DATE: 5/08 Maintenance Zone: 2

BUILDING 894 - ELECTRICAL CHECKLIST

Transmitter: 0894 Area: TA1 MAXIMO #: 1109841 Maint. Zone: 2 **NO ACTION Phone #: 284-9649**
Building(s): 894 FACP: EST QS4-12 Configuration: Addressable

DISABLING FACP INPUTS/OUTPUTS

NACs: SW1 - NAC Disable

Waterflow Devices: Disable M128, M130, M145, M158, M180, M189, M193, M199

Tampers: Disable M129, M131, M136, M181, M190, M194, M196, M200

SPECIAL INSTRUCTIONS

ALM = ALARM SPV = SUPERVISORY TBL = TROUBLE NAC = BELLS/STROBES ACTIVATED

Fire alarm signals generated during tests are received and documented in the fire alarm monitoring station's software.

Sprinkler Water Flow Detection

INPUT ID	POINT/ZONE DESCRIPTOR	FIELD DEVICES	PHOENIX SIGNAL	ZONE	ALM	SPV	TBL	NAC
M128	M128 North Mech 100 Flow	CT2, WFS	Sprinkler Flow	128	✓	XXX	XXX	✓
M130	M130 North Mech 100 Flow	CT2, WFS	Sprinkler Flow	130	✓	XXX	XXX	✓
M146 ~~M145~~	M145 112 Dry Rm Sprinkler Press Sw	CT2, WPS	Sprinkler Flow	145	✓	XXX	XXX	✓
M180	M180 Parachute Lab 145 Flow	CT2, WFS	Sprinkler Flow	180	✓	XXX	XXX	✓
M189	M189 Shipping 133K Flow	CT2, WFS	Sprinkler Flow	189	✓	XXX	XXX	✓
M193	M193 Print Shop 126 Flow	CT2, WFS	Sprinkler Flow	193	✓	XXX	XXX	✓
M199	M199 Room 152 Pressure Switch	CT2, WPS	Sprinkler Flow	199	✓	XXX	XXX	✓

Sprinkler Supervisories

INPUT ID	POINT/ZONE DESCRIPTOR	FIELD DEVICES	PHOENIX SIGNAL	ZONE	ALM	SPV	TBL	NAC
M129	M129 North Mech 100 Tamper	CT2, TS	Valve Tamper	129	XXX		XXX	XXX
M131	M131 North Mech 100 Tamper	CT2, TS	Valve Tamper	131	XXX		XXX	XXX
M136	M136 112 Dry Rm Sprinkler OS&Y	CT1, TS	Valve Tamper	136	XXX		XXX	XXX
M145 2 M147 ~~M146~~	M146 112 Dry Rm Sprinkler Low Pr	CT2, APS	Low Pressure	146	XXX		XXX	XXX
M181	M181 Parachute Lab 145 Tamper	CT2, TS	Valve Tamper	181	XXX		XXX	XXX
M190	M190 Shipping 133K Tamper	CT2, TS	Valve Tamper	190	XXX		XXX	XXX
M194	M194 Print Shop 126 Tamper	CT2, TS	Valve Tamper	194	XXX		XXX	XXX
M196	M196 112 Dry Rm Sprinkler OS&Y	CT2, TS	Valve Tamper	196	XXX		XXX	XXX
M200	M200 Room 152 Tamper	CT2, TS	Valve Tamper	200	XXX		XXX	XXX

BUILDING 894 - MECHANICAL CHECKLIST

MECHANICAL INSPECTION TASK LEGEND

1 = Open
2 = Shut
3 = Locked / Sealed
4 = Valve to Alarm Open
5 = Pressure Above Valve (psi)
6 = Pressure Below Valve (psi)
7 = Inspector Test Trip Time (sec.)
8 = Water Motor Gong OK
9 = Pressure 2" Drain Open *
10 = Inspect Sprinklers for Corrosion, etc.
11 = Fully Close each Valve & Record # of Turns
12 = Fully Open each Valve & Record # of Turns

* Perform 2" drain test annually for systems without backflow preventors.

F.A. INPUT ID			QUARTERLY									ANNUAL		
MAXIMO #	LOCATION	TYPE	1	2	3	4	5	6	7	8	9	10	11	12
M128	N.E. Equip. Rm., FS	Riser ~~#~~ 6	XXX	XXX	XXX	✓	99	96	35	/	\		XXX	XXX
1007959														

M193 *1007960*	126 / E. print shop	Riser #2	XXX	XXX	XXX	✓	120	92	42	✓			XXX	XXX
M189 *1007961*	133K / S.E.	Riser #3	XXX	XXX	XXX	✓	105	100	20	✓			XXX	XXX
M180 *1007962*	145 / E.Center	Riser #4	XXX	XXX	XXX	✓	109	95	20	✓			XXX	XXX
M199 *1007963*	152 / S.E.	Riser #5	XXX	XXX	XXX	✓	100	94	37	✓			XXX	XXX
M130 *1007964*	N.E. Equip. Rm., FS	Riser #~~8~~ #1	XXX	XXX	XXX	✓	104	100	45	✓			XXX	XXX
M145 *1121801*	Rm 114 Mech Rm	Riser #7	XXX	XXX	XXX	✓	100	100	15	✓			XXX	XXX
M129 *1007872*	E. Inside	OS&Y #1	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
M194 *1007873*	E. Inside	OS&Y #2	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
M190 *1110875*	E. Inside	OS&Y #3	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
M181 *1007876*	E. Inside	OS&Y #4	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
M200 *1007875*	E. Inside	OS&Y #5	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
M131 *1007917*	N.E. Inside	OS&Y #6	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
1121803	Rm 114 Mech Rm	Valve	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
1007870	S. Pit / 2 Valves	Valve	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
1007874	Center Bay RM. 132	Valve - NC		✓	✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
1007871	N.E. Inside Rm. 138	Valve - NC		✓	✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
1086835	N.E. Inside RM. 134C Riser 3	AF Valve				XXX	XXX	XXX	XXX	XXX	XXX	XXX		
1086832	N.E. Inside RM. 137 Riser 3	AF Valve	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
1086834	N.E. Inside RM. 140D	AF Valve	✓		✓	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
	Standpipe #1	Standpipe	XXX	XXX	XXX								XXX	XXX
	Standpipe #2	Standpipe	XXX	XXX	XXX								XXX	XXX
	Standpipe #3	Standpipe	XXX	XXX	XXX								XXX	XXX
	Standpipe #4	Standpipe	XXX	XXX	XXX								XXX	XXX
	Standpipe #5	Standpipe	XXX	XXX	XXX								XXX	XXX
	Standpipe #6	Standpipe	XXX	XXX	XXX								XXX	XXX

OBSTRUCTION INVESTIGATION AND PREVENTION

An obstruction investigation shall be conducted for system or yard main piping wherever any of the following conditions exist.

	OK	BAD	N/A
1. Defective intake for fire pumps taking suction from open bodies of water.			Note 1
2. The discharge of obstructive material during routine water tests.	____	____	____
3. Foreign materials in fire pumps, in dry pipe valves, or in check valves.	____	____	____
4. Foreign material in water during drain tests or plugging of inspector's test connections(s).	____	____	____
5. Plugged sprinklers.	____	____	____
6. Plugged piping in sprinkler systems dismanteled during building alterations.	____	____	____
7. Failure to flush yard piping or surrounding public mains following new installations or repairs.	____	____	____
8. A record of broken public mains in the vincinity.	____	____	____
9. Abnormally frequent false tripping of a dry pipe valve(s).	____	____	____
10. A system that is returned to service after an extended shutdown (greater than 1 year).	____	____	____
11. There is reason to believe that the sprinkler system contains sodium silicate or highly corrosive fluxes in copper systems.			Note 1
12. A system has been supplied with raw water via the fire department connection.			Note 1
13. Pinhole leaks.	____	____	____
14. A 50% increase in the time it takes water to travel to the inspector's test connection from the time the valve trips during a full flow trip test of a dry pipe sprinkler system when compared to the original system acceptance test.	____	____	____

NOTE 1: These conditions do not apply at SNL-NM for water-based fire protection systems.

COMMENTS: