Facility Site Operations and Infrastructure Seismic / Substation #7 / Duct / Fans Round Sheet

Date: 1/6/14 1/12/14

Location: BLDG. 413A, AREA SUB #7, & 41-B-700 A & B & C		DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
		SHIFT	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
		REVIEWER		Original Signatures on File													
		FOT	C/O														
ITEM	MIN	NORM	MAX														
(413A) SEISMIC PANEL 413A-SMP-004-001																	
413A-SMP-004-001 / POWER ON		ON [B]		✓		✓											
AREA SUBSTATION #7 AND TRANSFORMER																	
NO ABNORMAL CONDITIONS [A]		SAT [B]		✓	—	✓	—	✓	✓	✓	—	✓	✓	✓	✓	—	✓	✓
XFMR LIQUID LEVEL	LOW	SAT [B]	HIGH	✓	—												
XFMR PRESS (kPa)	-2.5		7.5	0	0												
XFMR WINDING HIGH TEMP (`C)	RESET MONDAY		105`	50	52												
XFMR LIQUID HIGH TEMP (`C)	RESET MONDAY		105`	51	52												
UVFS DUCTWORK (NEAR BYPASS DAMPERS)																	
UVFS CONDENSATE CONTAINER LEVEL		[B] [C]	80%	✓	—	✓	—	✓	✓	✓	—	✓	✓	✓	✓	—	✓	✓
UVFS VENTILATION FAN OIL LEVELS																	
700A BRG OIL LEVELS	LOW	[B]	HIGH	✓	✓		✓		✓		✓	✓		✓		✓	
700B BRG OIL LEVELS	LOW	[B]	HIGH	✓	✓		✓		✓		✓	✓		✓		✓	
700C BRG OIL LEVELS	LOW	[B]	HIGH	✓	✓		✓		✓		✓	✓		✓		✓	

NOTES: [A] - THE PRESENCE OF LEAKS, UNUSUAL ODORS, OR NOISES CONSTITUTES AN ABNORMAL CONDITION.

[B] - IF NORMAL CONDITION EXISTS, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

[C] - WHEN CONTAINER IS 80% FULL, SUBMIT REQUEST FOR DISPOSAL (RFD)

COMMENTS:

APPROVED FOR USE/DATE: Original Signatures on File

COPY

Facility Site Operations and Infrastructure Ventilation Fans Round Sheet

DATE: 1/6/14 1/12/14

Location: 413, EXHAUST FILTER BLDG. UVFS FANS																		
		DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
		SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
		REVIEWER																
		FOT		C/O														
ITEM	MIN	NORM	MAX															
413-CP-056-01																		
CONTROL PANEL 860 FANS [A]		SAT [B]		1		1		1		1		1		1		1		1
413-CP-307-01B																		
CONTROL PANEL 700 FANS [A]		SAT [B]		2		2		2		2		2		2		2		2
413-CP-056-01C																		
860A U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY	STBY
413-CP-056-01D																		
860B U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	SEC	SEC	Sec	SEC	SEC	Sec	Sec	SEC	Sec	Sec	Sec	SEC	SEC	Sec	Sec
413-CP-056-01E																		
860C U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	SEC	SEC	Sec	SEC	Sec.	Sec	Sec	SEC	Sec	Sec	Sec	SEC	SEC	Sec	Sec
413-CP-307-01J																		
700A U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	0 (3)	0 (3)	0 (3)	0 (3)	0 (3)	0 (3)	216	215 (3)	0 (3)	0 (3)	0 (3)	0 (3)	0 (3)	0 (3)	0 (3)
413-CP-307-01K																		
700B U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG (4)	TAG (4)	TAG (4)	TAG (4)	TAG (4)	TAG (4)	TAG	TAG (4)	TAG (4)	TAG (4)	TAG (4)	TAG (4)	TAG (4)	TAG (4)	TAG (4)
413-CP-307-01H																		
700C U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	0 (5)	0 (5)	0 (5)	0 (5)	207 (5)	0 (5)	210	0 (5)	204 (5)	0 (5)	0 (5)	0 (5)	0 (5)	0 (5)	0 (5)

NOTES: [A] - CHECK THAT THE AUDIBLE ALARM SOUNDS AND THE ALARM LIGHTS ILLUMINATE. [B] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION. [C] - FLOW READINGS TAKEN AT STA. B), (NOTE: EFB HVAC FLOW INCLUDED IN STA. B READING). [D] - VENTILATION MODES (chart below)

NORMAL MODE (flow per fan l/S) -	MIN = 202	NORM = 212	MAX = 223	MBP MODE w/ 1-860/1-700 FANS (combined flow of all fans l/S) - MIN = 200 MAX = 275
ALTERNATE MODE (flow per fan l/S) -	MIN = 247	NORM = 260	MAX = 273	MBP MODE w/ 1-860/2-700 FANS (combined flow of all fans l/S) - MIN = 395 MAX = 425
MINIMUM MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/1-700 FANS (combined flow of all fans l/S) - MIN = 200 MAX = 275
REDUCED MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/2-700 FANS (combined flow of all fans l/S) - MIN = 395 MAX = 425
FILTRATION MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63	

COMMENTS: (1) ALARM OOS (AR# 1307583) (3) Out of SPEC. (AR# 1113257) (5) FLOW CAL. I/P
(2) ALARM OOS (AR# 1307584) (4) Out of SPEC. (AR# 1113255)

APPROVED FOR USE/DATE: Original Signatures on File

Original Signatures on File

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Facility Site Operations and Infrastructure Bldg 458 / 456 Round Sheet

Date: 1/6/14 1/12/14

Location:	DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
458, GUARD & SECURITY BUILDING	SHIFT	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
456, PUMPHOUSE BUILDING	REVIEWER		Original Signatures on File													
	FOT	C/O														

ITEM	MIN	NORM	MAX	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
458, GUARD & SECURITY BUILDING																		
412 ODOR ABS MOD FILTER (PDI-07)			0.5	STBY	STBY													
412 ODOR ABS CHAR FILTER (PDI-08)			0.5	↓	↓													
412 ODOR ABS MOD FILTER (PDI-09)			0.5	.02														
403 AHU LOW FILTER (PDI-03)			0.5	.20														
403 AHU MOD FILTER (PDI-04)			0.5	STBY	↓													
456-CP-010-01 CONTROL PANEL																		
DOMESTIC WATER PRESS (PIC-01)	60	65	70	65	64	64	64	66	65	65	65	65	66	66	66	66	66	66
456-FIY-010-001 WATER FLOW METER																		
RAW WATER GALLONS	RESET MONDAY [A]			61028		216995												
DOMESTIC WATER GALLONS	RESET MONDAY [A]			88796		98923												
456-FM-045-001 SEWAGE FLOW METER																		
SEWAGE FLOW GALLONS		[B]	23,000	11200 (1)		52,500		33700		93800		45500		37800		29800		31600 (1)
HACH TEST KIT																		
COLORIMETER FREE CL2 (PPM)	0.7	[C]	1.2	.90		.94		1.84 (2)		1.87 (2)		1.82 (2)		1.82 (2)		1.80 (2)		1.7 (2)

NOTES: [A] - RESET METER AFTER TAKING THE READING ON MONDAY SECOND SHIFT

[B] - REQUIRED FOR COMPLIANCE WITH NMED DISCHARGE PERMIT DP-831 -- IF MAX LIMIT OF 23,000 GPD IS EXCEEDED CONTACT FSM

[C] - ADJUST CHLORINE LEVELS BY EITHER ADDING WATER (CHLORINE ABOVE 1.2) OR ADDING CHLORINE (CHLORINE BELOW .7) TO MAINTAIN SPECIFICATIONS

COMMENTS: (1) FSM NOTIFIED (2) Add water when tank level permits.

APPROVED FOR USE/DATE: Original Signatures on File

COPY

Facility Site Operations and Infrastructure Domestic / Fire Water Round Sheet

RCRA /TSR

Date: 1/6/14 1/12/14

Location:	DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
	SHIFT	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
456, PUMPHOUSE BUILDING	REVIEWER															
	FOT	C/O														

Original Signatures on File

ITEM	MIN	NORM	MAX															
DOMESTIC WATER STORAGE TANKS																		
01A SOUTH WATER STG TNK LVL LI-01 (456-LT-006-001) [SR 4.1.1.9]	80%	[D]		96	96	96	96	96	96	96	96	96	95	96	95	94	95	95
01A VISUAL INSPECTION [A]		SAT[B][C]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
01B NORTH WATER STG TNK LVL LI-02 (456-LT-006-002)	60%			84	82	76	76	100	100	99	96	96	93	93	93	92	94	94
01B VISUAL INSPECTION [A]		SAT[B][C]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME OF INSPECTION					0900	1955	1000	2008	0912	1940	1000	1959	0832	2015	0850	2000	0905	2011

NOTES: [A] - IF NORMAL CONDITIONS EXIST, AND THE INSPECTION IS SATISFACTORY, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.
[B] - INSPECT FOR LEAKS, VISIBLE CORROSION, INSULATION INTACT, ETC.
[C] - WHEN A NOTED CONDITION IS CORRECTED, ENTER THE DATE AND NATURE OF REPAIRS; OR OTHER REMEDIAL ACTION TAKEN THAT CORRECTED THE CONDITION.
[D] - LCO REQUIREMENT: LEVEL IN FIRE WATER TANK MUST BE ≥ 105,000 GALLONS (65%). IF NOT IMMEDIATELY NOTIFY FSM. COMPLETE THE SURVEILLANCE DATA SHEET FOR LCO 3.1.1, SURVEILLANCE REQUIREMENT 4.1.1.9, FORWARD THE COMPLETED SURVEILLANCE DATA SHEET TO THE FSM.

COMMENTS: (STATE AR NUMBER SUBMITTED TO CORRECT ABNORMAL CONDITION IF/WHEN KNOWN)

APPROVED FOR USE/DATE: 030713

OPERATORS INITIALING THIS LOGSHEET SHALL COMPLETE THE FOLLOWING:

NAME (PRINT)	INITIALS	NAME (PRINT)	INITIALS	NAME (PRINT)	INITIALS

Original Signatures on File

COPY

Facility Site Operations and Infrastructure Support Bldg Substation / UPS Round Sheet **RCRA** Date: 1/6/14 1/12/14

Location: 451, ELEC. EQUIP. RM. 116 CMR		DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
		SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
		REVIEWER			Original Signatures on File													
		FOT		C/O														
ITEM	**MIN**	**NORM**	**MAX**															
45P-SWG04/1 SUPPORT BUILDING SUBSTATION																		
NO ABNORMAL CONDITIONS [A]		SAT [B]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
TR-15/1 XFMR HIGH TEMP (`C)	RESET	MONDAY	170`	60	60													
45P-UPS03/2 SUPPORT BUILDING UPS																		
NORMAL OPERATION LOAD ON UPS		[B]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
AIR CONDITIONER NORMAL OPERATION		[B] [C]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
ALTERNATE SOURCE AVAILABLE		[D]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
TIME OF INSPECTION					0800	1908	0900	1912	0841	2000	0730	1923	0721	1952	0820	1905	1905	1931
EMERGENCY PHONE CHECK		[E]		✓		✓		✓		✓		✓		✓		✓		✓

NOTES: [A] - THE PRESENCE OF LEAKS, UNUSUAL ODORS, OR NOISES CONSTITUTES AN ABNORMAL CONDITION.

[B] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

[C] - LOW HUMIDITY ALARM IS NOT AN ABNORMAL CONDITION.

[D] - 45P-MCC04/3 CB-23 IS CLOSED

[E] - VERIFY EMERGENCY PHONE LINE HAS A DIAL TONE. IF NOT, CONTACT THE FSM.

COMMENTS:

APPROVED FOR USE/DATE: Original Signatures on File

COPY

Facility Site Operations and Infrastructure RH Room D/P and HVAC Panel Round Sheet

Date: 1/6/14 1/12/14

Location:			DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
COMPUTER STATIONS			SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
CMR, FSM DESK, LOCAL			REVIEWER			Original Signatures on File													
411, WHB MECH EQUIP RM 200 & 208			FOT		C/O														
ITEM		MIN	NORM	MAX															
RH ROOM DPs																			
OPERATING GALLERY	PDD-01 "wc				-.10	-.10		-.11		-.1		-.1		-.10		-.09		-.10	
MANIP. REPAIR RM.	PDD-21A "wc				-.15	-.14		-.14		-.15		-.16		-.14		-.14		-.14	
FILTER GALLERY	PDD-21B "wc				-.09	-.09		-.10		-.1		-.09		-.09		-.09		-.09	
CASK LOADING RM.	PDD-21C "wc				-.19	-.21		-.19		-.19		-.20		-.20		-.20		-.20	
CASK TRANSFER CELL	PDD-21D "wc				-.23	-.24		-.19		-.19		-.23		-.23		-.23		-.23	
WASTE HOIST OPER RM	PDD-21G "wc				-.13	-.10		-.14		-.1		-.10		-.13		-.14		-.14	
SERVICE ROOM	PDD-21H "wc	-0.00		-0.15	-.14	-.15		-.14		-.15		-.15		-.14		-.13		-.14	
RH BAY	PDD-21F "wc	0.02		0.7	-.07	.05		.05		.04		.04		.05		.05		.052	
HOT CELL	PDT-52 "wc	-0.04		-1.1	-.59	-.60		-.60		-.6		-.6		-.59		-.60		-.60	
HVAC CONTROL PANEL CHECKS																			
411-CP-051-10	(803/805 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-11	(804/806 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-12	(878 A/B EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-058-17	(807 AHU FAN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS:

APPROVED FOR USE/DATE: Original Signatures on File

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Facility Site Operations and Infrastructure WHB CH Room D/P / HVAC / Air Dryer Round Sheet

Date: 1/6/14 1/12/14

Location:		DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
COMPUTER STATIONS		SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
CMR, FSM DESK, LOCAL		REVIEWER			Original Signatures on File													
411, WHB MECH EQUIP RM 200 & 208		FOT		C/O														
ITEM	MIN	NORM	MAX															
WHB CH ROOM DPs																		
SHIELDED STORAGE RM PDD-026A "wc				-.11	-.11		-.14		-.1		-.12		-.11		-.10		-.10	
CH AREA ROOM 103 PDD-026B "wc	-0.02			-.11	-.11		-.11		-.1		-.12		-.11		-.10		-.12	
SITE GEN WASTE RM. PDD-026C "wc				-.04	-.03		-.04		0		-.02		-.02		-.03		-.03	
EQUIP DECON RM. . PDD-026D "wc				-.09	-.09		-.10		-.08		-.08		-.08		-.09		-.09	
OVERPACK & REPAIR RM PDD-026E "wc	-0.04			-.12	-.11		-.13		-.12		-.12		-.12		-.11		-.11	
CAGE LOADING ROOM PDD-006 "wc				.23	.24		-.30		-.1		.05		.50		.50		.50	
AIRLOCK ROOM 107 PDD-007 "wc				-.08	-.07		-.10		-.08		-.08		-.07		.07		-.10	
HVAC CONTROL PANEL CHECKS																		
411-CP-052-15 (835/836 EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-063-16 (861/863 AHUS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-14 (813/817 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-13 (812/816 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
WASTE HANDLING BUILDING AIR DRYER																		
K-015 OUTLET (PSI)	95		135	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
K-015 AQUADEX INDICATOR		BLUE [A]		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
K-015 AUTO BLOWDOWNS /TEST		SAT [A]		↓		↓		↓		↓		↓		↓		↓		↓
K-015 DRYER MODE		AMLOC [A]		↓	(1)	↓	(1)	↓	↓	↓	(1)	↓	(1)	↓	(1)	↓	(1)	↓

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS: (1) TESTING I/P.

APPROVED FOR USE/DATE Original Signatures on File

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