ATTACMENT A

October/November – PREVENTIVE and MAINTENANCE INSPECTION REPORT

EMERGENCY GENERATOR SETS - FORT MEADE AND HOT SPRINGS VA MEDICAL CENTERs

FORT MEADE AND HOT SPRINGS, SD

Equipment Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date of Inspection: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Engine: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ EE ID #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Generator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour Meter Reading: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inspection Data Code

X=Checked Okay

A=Additional Work Required

R=Required Adjustment or Repair

C=Critical Repair Required

N/A=Not Applicable

\_\_\_\_\_\_ 1. Check and adjust as required, mechanical fasteners, mounts, braces, and

 safety devices.

\_\_\_\_\_\_ 2. Inspect engine and generator mounts.

\_\_\_\_\_\_ 3. Examine all duct work and louvers.

\_\_\_\_\_\_ 4. Checked condition of hoses and tighten clamps.

\_\_\_\_\_\_ 5. Check engine coolant pump and coolant leaks.

\_\_\_\_\_\_ 6. Check engine antifreeze solution \_\_\_\_\_\_degrees.

\_\_\_\_\_\_ 7. Check engine block heater.

\_\_\_\_\_\_ 8. Check for fuel or oil leaks.

\_\_\_\_\_\_ 9. Check and adjust drive belts.

\_\_\_\_\_\_10. Check all fluid levels.

\_\_\_\_\_\_ 11. Inspect engine condition.

\_\_\_\_\_\_ 12. Check crankcase breather.

\_\_\_\_\_\_ 13. Check governor sensitivity and droop.

\_\_\_\_\_\_ 14. Check all linkage and ball joints on governor.

\_\_\_\_\_\_ 15. General inspection of all governor components.

\_\_\_\_\_\_ 16. Lubricate all grease fittings.

\_\_\_\_\_\_ 17. Inspect starter motor and check solenoid.

\_\_\_\_\_\_ 18. Clean/inspect battery terminals, read gravity, and provide reading \_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_ 19. Check battery charger for proper operation.

\_\_\_\_\_\_ 20. Complete general inspection of exhaust system.

\_\_\_\_\_\_ 21. Check for wet stacking.

\_\_\_\_\_\_ 22. Check all safety shutdown and alarm circuits.

\_\_\_\_\_\_ 23. Inspect generator condition.

\_\_\_\_\_\_ 24. Inspect generator end bearing.

\_\_\_\_\_\_ 25. Check condition of electrical wiring, secure in holder where broken or loose.

\_\_\_\_\_\_ 26. Test transfer switch.

\_\_\_\_\_\_ 27. Check day tank operation.

\_\_\_\_\_\_ 28. During exercise operation, check for any unusual vibration or noise.

\_\_\_\_\_\_ 29. Blow out any accumulation of dust in generator and ATS with clean, dry

 Compressed air.

\_\_\_\_\_\_ 30. Clean exterior of radiator.

\_\_\_\_\_\_\_31. Take megger reading of main rotor winding and record \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_32. Take megger reading of main stator winding and record \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_33. Take megger reading of exciter rotor and record \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_34. \*Change oil per manufacturer’s recommendations

\_\_\_\_\_\_\_35. Change fuel filter(s)

\_\_\_\_\_\_\_36. Change air filter(s)

\_\_\_\_\_\_\_37. Change oil filters(s)

\_\_\_\_\_\_\_37. Take oil sample and provide analysis report.

\_\_\_\_\_\_\_38. Take coolant sample and provide analysis report.

\_\_\_\_\_\_\_39. Take fuel sample and provide analysis report.

\_\_\_\_\_\_\_40. Load bank test annually per requirements and provide test report.

\*Oil changes will be addressed and scheduled based on hour meter readings and will be addressed outside the scope of this contract. Contact FM.HS POC’s for approval before commencement of this work.

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Report Completed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Submit report with recommendations, actions taken, etc. to Facility POC within 30 days of completion of inspection.