ATTACHMENT B

May/June– 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 manufactures recommendations

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

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

NA\_\_\_\_\_37 Change oil filter(s)

NA\_\_\_\_\_38. Take oil sample and provide analysis report.

NA\_\_\_\_\_39. Take coolant sample and provide analysis report.

NA\_\_\_\_\_40. Take fuel sample and provide analysis report.

NA\_\_\_\_\_41. 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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