

PUBLIC ENTITY PAK EXPOSURE SURVEY ELECTRIC UTILITY MECHANICAL BREAKDOWN

Named Insured: _____ State: _____

If the insured has electrical generating equipment, answer questions 1-20. If the insured only has switchgear, substations, power lines and transformers, answer questions 12-20.

1. Please provide the number of engines and type (diesel internal combustion, gas turbine, etc.) _____

2. Please provide the size of each engine, manufacturer's name, and year built. _____

3. Does each engine at the facility carry a similar load? Yes No. And if not, what is the percentage of demand on each? _____
4. Are any engines at the facility kept in a standby status while other engines are running (spares)? Yes No
5. Is the facility manned? Yes No. And if so, what percentage of the day, weekends, and holidays? _____

6. If a station is not continuously manned, are the engines connected to a central monitoring station that is continuously manned? Yes No
7. Is there a program for vibration monitoring? Yes No.
Is it designed to shut down the engine at a specified threshold? Yes No
Please describe. _____
8. Describe the maintenance practices for engines, and the frequency of each. _____

9. Are the generators subject to insulation resistance or other types of testing? Yes No.
Please describe along with the frequency. _____

10. Describe any engine/generator breakdowns in the last 5 years. _____
11. What contingencies are documented should a breakdown of an engine occur? _____
12. What are the age, manufacturer, and size (amps) of the switchgear? _____
13. Describe any protective relays (type, function and date last calibrated). _____
14. Is electrical equipment subject to infrared testing by a qualified concern? Yes No.
Which equipment? _____
At what frequency? _____
Are reports available? Yes No
15. What is the age, manufacturer, type (oil filled, air-cooled) and size (kva) of electrical transformers at the facility? _____

16. Are oil-filled transformers subject to gas in oil analysis by a qualified concern? Yes No.
At what frequency? _____
Are reports available? Yes No
17. Is underground electrical cable present at the facility? Yes No.
If so, please describe the length, containment (concrete vault, gravel, soil) and surface covering the cable (asphalt, concrete, gravel, soil). _____
18. Has any piece of electrical equipment contained PCB materials (including equipment retro-filled with another material)? Yes No
19. Describe any transformers/switchgear breakdowns in the last 5 years _____
20. Describe any documented contingencies or spares addressing transformers and switchgear. _____
