

MEMORANDUM

Date: March 15, 1995

TO: Air Bureau Licensing & Enforcement Staff

FROM: Dennis Keschl, Director (BAQC)

**SUBJ: LICENSING IMPLEMENTATION GUIDANCE FOR MAINTENANCE,
STAND BY OR EMERGENCY USE STATIONARY INTERNAL COMBUSTION
ENGINES**

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1. In the absence of extenuating circumstances, stationary internal combustion engines (SICE) that are operated only for maintenance, stand by and emergency use shall be exempt from inclusion in any analysis for Maine ambient air quality standards (MAAQS) or increment providing:
 - a. each maintenance, stand by or emergency SICE shall not operate for more than 500 hours during any rolling 12 month period (HPY).
 - b. redundant maintenance, stand by or emergency SICE may operate not more than 500 HPY combined.
 - c. the stack emissions are vented in a manner that they will not directly affect air intakes, vents, etc., or nearby vegetation in ambient air.
 - d. the sulfur content of the fuel is less than or equal to 0.05%.
 - e. the maintenance, stand by or emergency SICE is rated at less than 12.5 MMBTU/hr.
 - f. The licensee shall keep records of the total hours of operation.
 - g. Should the operation exceed 500 hours during any rolling 12 month period the licensee shall within 4 working days notify the Department of the excess operation.
 - h. If the 500 HPY operation is exceeded the Department may require that, within 90 days of notification to so do, the licensee shall submit a modeling analysis

to demonstrate that the SICE will not cause or contribute to a violation of any MAAQS or increment.

If it is determined that a maintenance, stand by or emergency SICE is not exempt from modeling, then the Department may require a modeling analysis at receptors in ambient air at air intakes, vents, etc., and at fence line and other nearby areas of concern for short term MAAQS.

2. All SICE's shall require the use of any hour-meter to record total time of operation.
3. This guidance shall apply only to bona fide maintenance, stand by or emergency use units such as:
 - a. SICE used to power fire pumps.
 - b. SICE used to run boiler feed water pumps when utility power and source generated service power is unavailable.
 - c. SICE used to provide essential electric power when utility and source generated service power is unavailable.

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