

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary

Box 7921  
101 South Webster Street  
Madison, Wisconsin 53707-7921  
TELEPHONE 608-266-2621  
FAX 608-267-3579  
TDD 608-267-6897

STATE OF WISCONSIN )  
 )  
DEPARTMENT OF NATURAL RESOURCES ) SS



TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, George E. Meyer, Secretary of the Department of Natural Resources and custodian of the official records of said Department, do hereby certify that the annexed copy of Natural Resources Board Order No. AM-45-95 was duly approved and adopted by this Department on February 28, 1996. I further certify that said copy has been compared by me with the original on file in this Department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department at the Natural Resources Building in the City of Madison, this 29th day of April, 1996.

*George E. Meyer*  
\_\_\_\_\_  
George E. Meyer, Secretary

(SEAL)

*part 7-1-96*  
*part 8-1-96*



ORDER OF THE STATE OF WISCONSIN  
NATURAL RESOURCES BOARD  
REPEALING, RENUMBERING, RENUMBERING AND AMENDING,  
AMENDING, REPEALING AND RECREATING AND CREATING RULES

The Wisconsin Natural Resources Board adopts an order to repeal NR 405.02(3)(a) and (b), 407.10(2)(e), 409.02(6), 419.07(4)(e)3., 420.03(5)(b)2., 420.04(2)(c)2., 421.06(2)(a)1. to 3., 422.02(24), 422.15(3)(a), 423.03(8)(b)1.a. to d., 436.05(2)(b) and (bm), 484.10(11), 499.02(9), 499.06(3), 499.07(3), 499.08(2)(c) and 499.09(3)(b); to renumber NR 400.02(100)(w), 406.02(6) and (10m), 407.02(13), (16), (20), (31), (32) and (35), 417.025, 499.08(2)(d) and (f) and 499.09(3)(a); to renumber and amend NR 405.07(4)(b) and (c), 407.02(3), (17) and (22), 499.07(4) and 499.08(2)(e); to amend NR 400.02(43e), (53s) Note and (80e)(a)(intro.), 404.04(8)(b)(intro.), 404.08(1), 405.02(3)(intro.), (7), (9)(intro.), (21)(b)2., 3., 8. and 9.(intro.), (22m)(b)1., (24)(b)(intro.) and 1., (24m)(intro.), (25g) and (25m)(a), 405.04(1)(intro.), (a) and (b) and (4)(c)(intro.), 405.05(3)(intro.) and (c) and (4)(intro.), 405.07(3), (5) and (8)(intro.) and (a)6., 8. and 12., 405.09(intro.), 405.12(3)(intro.), 405.14(7), 405.17(2)(intro.) and (d)(intro.) and (3)(intro.), 406.04(1)(g), (i)1.(intro.), (m)9. and (n)(intro.) and 2., (2)(i), (3)(c), (4)(a)4., 5. and 6., (5)(a)(intro.) and (6)(intro.), 406.11(1)(intro.), 407.03(1)(g) and (sm)9., 407.04(3)(b)1.b., 407.09(2)(b), 407.10(2)(intro.), 407.12(4)(b), 407.15(intro.), 408.02(1)(b) and (c), (4), (6), (8)(intro.), (20)(e)2., 3., 8. and 9.(intro.), (21)(b)1.a., (e)29., (23)(b)(intro.) and 1., (24)(a), (b)1., (25), (29), 408.03(5), 408.05(1), 408.06(1)(d) Note, (4)(intro.) and (a) and (5), 408.07(intro.), 408.08(3), 408.10(4), 409.02(2)(a)2.a., 409.06(8)(intro.) and (d), 409.11(2)(a), 410.02(6), 410.03(1)(a)2., 415.02(9), 417.07(8)(d)(intro.), 418.05(1)(intro.), 419.07(2)(c)(intro.) and 1. to 3., 420.02(41), 420.03(1)(a), (3)(b)(intro.), (4)(b)(intro.) and (5)(b)(intro.) and 1., 420.03(5)(b)7.(intro.) and (6)(b)(intro.), 420.04(1)(b)(intro.) and (f)(intro.) and 1., (2)(b) and (c)(intro.) and 1., (2)(d)(intro.), (3)(f)(intro.) and (g)(intro.) and (4)(b)4.b., 420.05(1)(b)(intro.), (2)(b)(intro.), (3)(b)(intro.), (4)(b)1.(intro.), (c)4.(intro.) and (e)(intro.), 421.04(3)(a)(intro.) and (c)1., 421.05(1)(b), (2)(a)(intro.) and 1. and (3)(a), 421.06(1)(b) and (2)(a)(intro.), (3)(a), 422.02(89), 422.142(2)(c)1.(intro.), 423.03(1)(intro.), (2)(intro.), (a)(intro.) and (b)(intro.), (3)(intro.), (b)(intro.), (g)(intro.) and (h)(intro.), (4)(g)(intro.), (5)(f)(intro.), (6)(a)(intro.), (7)(intro.) and (8)(b)1.(intro.), 423.04(3)(intro.) and (a)(intro.), 423.05(1) and (3)(a), 424.03(3)(intro.), 424.04(1)(b) and (3)(a), 424.05(1)(a), 425.03(7m), (11)(b)(intro.), (13)(b)2.(intro.), 425.05(1)(a)(intro.), (b)(intro.), (d)(intro.) and (e)(intro.), (2)(a)(intro.) and (b)(intro.) and (3)(c)(intro.), 431.07(2)(a)(intro.), 436.05(2)(c) and (4)(intro.), 436.06(1)(intro.), (3)(b)(intro.) and (4)(b)(intro.) and 2., 438.03(5)(a), 439.055(1)(d) and (g) and (3)(a), 439.075(4)(a)1.(intro.), 439.08(1)(b), (c), (d), (e) and (g), 439.095(5)(a)2.(intro.), 440.17(2)(f)1. and (g)1., 440.59(5)(f) Note, 440.62(4)(b)2.f. Note, 445.01(1)(a), 445.02(1), 445.04 Table 5, 445.05(6)(a)2.(intro.) and 3.(intro.), (bm)3.a. and 4.a., (e)2. and (8)(c)2., 447.16(2), 449.12(3)(b)6.(intro.), 468.01(1), 484.04(27), 484.05(1) and (8), 484.06(1), 484.10(1) and (2), (12), (17), (23), (24), (26), (29) to (31), (34), (40), (43) to (46), (53), (55) and (56), 484.11(5), 485.04(9)(b), 485.07(3)(c)(intro.), 488.03(3)(intro.), 488.04(1), 488.05(1)(intro.), 488.07(1)(intro.), 488.11(1)(d)(intro.) and 1., 489.02(12), (17) and (22), 489.03(1) and (2)(a), 493.04(2), 499.04(2)(b)1., (c) and Note, 499.06(intro.) and (1)(c), 499.09(1)(a)1. and (2)(a) and (b), 499.12(1); to repeal and recreate NR 447.18(1) Note; and to create NR 400.02(100)(w), relating to revision of the definition of VOC and updating, clarification and corrective changes throughout the NR 400 series.

AM-45-95

Analysis Prepared by the Department of Natural Resources

Authorizing statutes: ss. 144.31(1)(a) and 227.11(2)(a), Stats.

Statutes interpreted: s. 144.31(1)(f), Stats. The State Implementation Plan developed under that provision is revised.

These rule changes affect Wisconsin's existing air pollution control rules. The changes revise the definition of volatile organic compounds in accord with a recent change in EPA's definition, simplify the operator certification examination procedure for incinerator operators at solid waste treatment facilities and eliminate the certification level of "interim shift operator" for these facilities. The changes in incinerator operator requirements reflect the fact that fewer new operators now need to be trained. Eligibility for variances from reasonably available control technology requirements is also expanded.

Other minor changes renumber the definitions in 2 chapters, add references to rural transport ozone nonattainment areas (the classification applied to Door County) where appropriate, raise the ambient concentrations which trigger PSD monitoring requirements for hydrogen sulfide and beryllium to match the federal levels, add U.S. Code citations, update the citations of several documents incorporated by reference and make style changes in accord with directions from the Revisor of Statutes Bureau and Legislative Council Staff. These changes are of an updating and cleanup nature, and are intended to correct errors and improve consistency and clarity.

The consent of the Attorney General and the Revisor of Statutes will be sought for the incorporation by reference of a number of updated ASTM standards containing test methods.

---

SECTION 1. NR 400.02(43e), (53s) Note and (80e)(a)(intro.) are amended to read:

NR 400.02(43e) "Heat input" means the total gross calorific value per unit of time of all fuels being burned, where gross calorific value of a fuel is measured by ASTM Method D240-92, ~~D1826-88~~ D1826-94 or ~~D2015-93~~ D2015-94, incorporated by reference in s. NR 484.10. Where the test method gives a higher and a lower heating value, heat input is calculated in Btu per hour using the higher heating value of the fuel.

(53s) Note: Definitions for "major source" which apply in different situations are given in ss. NR 405.02(22), 407.02(~~17~~)(4), 408.02(21), 411.02(5) and 468.20(2)(l).

(80e)(a)(intro.) For a corporation, one of the following:

SECTION 2. NR 400.02(100)(w) is renumbered 400.02(100)(x).

SECTION 3. NR 400.02(100)(w) is created to read:

NR 400.02(100)(w) Acetone.

SECTION 4. NR 404.04(8)(b)(intro.) is amended to read:

NR 404.04(8)(b)(intro.) The PM<sub>10</sub> standards are attained when all of the following are met:

SECTION 5. NR 404.08(1) is amended to read:

NR 404.08(1) LIMITATIONS ON LOCAL PROGRAMS. No local programs may grant variances or construction or ~~operating~~ operation permits in conflict with the implementation plan for that region.

SECTION 6. NR 405.02(3)(intro.) is amended to read:

NR 405.02(3)(intro.) "Baseline area" means any intrastate area, and every part thereof, designated as attainment or unclassifiable under section 107(d)(1)(D) or (E) of the act (42 USC 7407(d)(1)(D) or (E)) in which the major source or major modification establishing the minor source baseline date would construct or would have an air quality impact equal to or greater than 1 µg/m<sup>3</sup> (annual average) of the air contaminant for which the minor source baseline date is established. Area redesignations under section 107(d)(1)(D) or (E) of the act cannot intersect or be smaller than the area of impact of any major stationary source or major modification which: either establishes a minor source baseline date or is subject to this chapter.

SECTION 7. NR 405.02(3)(a) and (b) are repealed.

SECTION 8. NR 405.02(7), (9)(intro.), (21)(b)2., 3., 8. and 9.(intro.), (22m)(b)1., (24)(b)(intro.) and 1., (24m)(intro.), (25g) and (25m)(a) are amended to read:

NR 405.02(7) "Best available control technology" or "BACT" means an emissions limitation, including a visible emissions standard, based on the maximum degree of reduction for each air contaminant subject to regulation under the act which would be emitted from any proposed major stationary source or major modification which the department, on a case-by-case basis, taking into account energy, environmental, and economic impacts, and other costs, determines is achievable for such source or modification through application of production processes or available methods, systems, and techniques, including clean fuels, fuel cleaning or treatment or innovative fuel combination techniques for control of the air contaminant. In no event may

application of best available control technology result in emissions of any air contaminant which would exceed the emissions allowed by any applicable standard under chs. NR 440 and 445 to 449 and under sections 111 and 112 of the act (42 USC 7411 and 7412). Emissions from any source utilizing clean fuels or any other means to comply with this subsection may not be allowed to increase above the levels that would have been required under this subsection as it existed prior to enactment of the 1990 clean air act amendments on November 15, 1990. If the department determines that technological or economic limitations on the application of measurement methodology to a particular emissions unit would make the imposition of an emissions standard infeasible, a design, equipment, work practice, operational standard or combination thereof, may be prescribed instead to satisfy the requirement for the application of best available control technology. The standard shall, to the degree possible, set forth the emissions reduction achievable by implementation of such design, equipment, work practice or operation, and shall provide for compliance by means which achieve equivalent results.

(9)(intro.) "Commence" as applied to construction of a major stationary source or major modification means that the owner or operator has all necessary preconstruction approvals or permits and ~~either~~ has done one of the following:

(21)(b)2. Use of an alternative fuel or raw material by reason of any order under sections 2(a) and (b) of the energy supply and environmental coordination act of 1974 (~~or any superseding legislation~~) (15 USC 791 to 798) or by reason of a natural gas curtailment plan pursuant to the federal power act (16 USC 791a to 828c).

3. Use of an alternative fuel by reason of an order or rule under section 125 of the act (42 USC 7425).

8. The addition, replacement or use of a pollution control project at an existing electric utility steam generating unit, unless the department determines that the addition, replacement or use renders the unit less environmentally beneficial, or except when the department determines both of the following:

a. ~~When the department has~~ There is reason to believe that the pollution control project would result in a significant net increase in representative actual annual emissions of any pollutant for which a national ambient air quality standard has been adopted over levels used for that source in the most recent air quality impact analysis in the area conducted for the purpose of title I of the act (42 USC 7401 to 7515), if any; ~~and~~.

b. ~~The department determines that the~~ increase will cause or contribute to a violation of any national ambient air quality standard or air quality increment, or visibility limitation.

9.(intro.) The installation, operation, cessation or removal of a temporary clean coal technology demonstration project, provided that the project complies with both of the following:

(22m)(b)1. The area in which the proposed source or modification would construct is designated as attainment or unclassifiable under section 107(d)(1)(D) or (E) of the act (42 USC 7407(d)(1)(D) or (E)) for the air contaminant on the date of its complete application under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166.

(24)(b)(intro.) An increase or decrease in actual emissions is contemporaneous with the increase from the particular change only if it occurs between the following:

1. The date 5 years before construction on the particular change commences ~~and~~.

(24m)(intro.) "Pollution control project" means any activity or project undertaken at an existing electric utility steam generating unit for purposes of reducing emissions from ~~such~~ the unit. ~~Such activities~~ Activities or projects are limited to the following:

(25g) "Reactivation of a very clean coal-fired electric utility steam generating unit" means any physical change or change in the method of operation associated with the commencement of commercial operations by a coal-fired utility unit after a period of discontinued operation where the unit meets all of the following criteria:

(a) ~~Has~~ It has not been in operation for the 2-year period prior to the enactment of the clean air act amendments of 1990 on November 15, 1990, and the emissions from ~~such~~ the unit continue to be carried in the department's emissions inventory at the time of enactment;

(b) ~~Was~~ It was equipped prior to shutdown with a continuous system of emissions control that achieves a removal efficiency for sulfur dioxide of no less than 85% and a removal efficiency for particulates of no less than 98%;

(c) ~~Is~~ It is equipped with low-NO<sub>x</sub> burners prior to the time of commencement of operations following reactivation; ~~and~~.

(d) ~~Is~~ It is otherwise in compliance with the requirements of the act.

(25m)(a) "Repowering" means replacement of an existing coal-fired boiler with one of the following clean coal technologies: atmospheric or pressurized fluidized bed combustion, integrated gasification combined cycle, magnetohydrodynamics, direct and indirect coal-fired turbines, integrated gasification fuel cells, or as

determined by the administrator, in consultation with the federal secretary of energy, a derivative of one or more of these technologies, and any other technology capable of controlling multiple combustion emissions simultaneously with improved boiler or generation efficiency and with significantly greater waste reduction relative to the performance of technology in widespread commercial use as of November 15, 1990.

SECTION 9. NR 405.04(1)(intro.), (a) and (b) and (4)(c)(intro.) are amended to read:

NR 405.04(1)(intro.) ~~The~~ All of the following concentrations shall be excluded in determining compliance with a maximum allowable increase:

(a) Concentrations attributable to the increase in emissions from stationary sources which have converted from the use of petroleum products, natural gas, or both by reason of an order in effect under sections 2 (a) and (b) of the energy supply and environmental coordination act of 1974, ~~or any superseding legislation,~~ (15 USC 791 to 798) over the emissions from such sources before the effective date of such an order.

(b) Concentrations attributable to the increase in emissions from sources which have converted from using natural gas by reason of a natural gas curtailment plan in effect pursuant to the federal power act (16 USC 791a to 828c) over the emissions from such sources before the effective date of ~~such~~ the plan.

(4)(c)(intro.) Allows no emissions increase from a stationary source which would do either of the following:

SECTION 10. NR 405.05(3)(intro.) and (c) and (4)(intro.) are amended to read:

NR 405.05(3)(intro.) Any area other than an area to which s. NR 405.03 refers may be redesignated as Class III if the following criteria are met:

(c) The redesignation ~~may~~ does not cause, or contribute to, a concentration of any air contaminant which exceeds any maximum allowable increase permitted under the classification of any other area or any national ambient air quality standard; ~~and,~~

(4)(intro.) Lands within the exterior boundaries of Indian reservations may be redesignated only by the appropriate Indian governing body. The appropriate Indian governing body may submit to the administrator a proposal to redesignate areas Class I, Class II, or Class III provided that the following conditions are met:

SECTION 11. NR 405.07(3) is amended to read:

NR 405.07(3) The requirements of ss. NR 405.08 to 405.11 apply only to any major stationary source or major modification that would be constructed in an area which is designated as attainment or unclassifiable under section 107(a)(1)(D) or (E) of the act (42 USC 7407(a)(1)(D) or (E)).

SECTION 12. NR 405.07(4)(b) and (c) are renumbered 405.07(4)(a) and (b) and 405.07(4)(a)27. and (b)(intro.), as renumbered, are amended to read:

NR 405.07(4)(a)27. Any other stationary source category which, as of August 7, 1980, is being regulated under section 111 or 112 of the act (42 USC 7411 or 7412).

(b)(intro.) The major source or major modification is a portable stationary source which has previously received a permit under requirements ~~set forth~~ in ss. NR 405.08 to 405.16 ~~if~~ and all of the following conditions are met:

SECTION 13. NR 405.07(5) and (8)(intro.) and (a)6., 8. and 12. are amended to read:

NR 405.07(5) The requirements of ss. NR 405.08 to 405.16 do not apply to a major stationary source or major modification with respect to a particular air contaminant if the owner or operator demonstrates that, as to that air contaminant, the source or modification is located in an area designated as nonattainment under section 107 of the act (42 USC 7407).

(8)(intro.) The department may exempt a proposed major stationary source or major modification from the requirements of s. NR 405.11 with respect to monitoring for a particular air contaminant if one of the following applies:

- (a)6. Lead - ~~0.1~~ 0.10  $\mu\text{g}/\text{m}^3$ , ~~24-hour~~ 3-month average.
- 8. Beryllium - ~~0.0005~~ 0.0010  $\mu\text{g}/\text{m}^3$ , 24-hour average.
- 12. Hydrogen sulfide - ~~0.04~~ 0.20  $\mu\text{g}/\text{m}^3$ , 1-hour average.

SECTION 14. NR 405.09(intro.) is amended to read:



NR 405.09 SOURCE IMPACT ANALYSIS. (intro.) The owner or operator of the proposed major source or major modification shall demonstrate that allowable emission increases from the proposed major source or major modification, in conjunction with all other applicable emissions increases or reduction (including secondary emissions), would not cause or contribute to air pollution in violation of either of the following:

SECTION 15. NR 405.12(3)(intro.) is amended to read:

NR 405.12(3)(intro.) The owner or operator shall also provide information on all of the following:

SECTION 16. NR 405.14(7) is amended to read:

NR 405.14(7) EMISSION LIMITATIONS FOR PRESIDENTIAL DENIAL OR DEPARTMENTAL VARIANCE. In the case of a permit issued under procedures developed pursuant to sub. (5) or (6), the major source or major modification shall comply with emission limitations as may be necessary to assure that emissions of sulfur dioxide from the major source or major modification would not (during any day on which the otherwise applicable maximum allowable increases are exceeded), cause or contribute to concentrations which would exceed the following maximum allowable increases over the baseline concentration and to assure that such emissions would not cause or contribute to concentrations which exceed the otherwise applicable maximum allowable increase for periods of exposure of 24 hours or less for more than 18 days, not necessarily consecutive, during any annual period.

Period of exposure	MAXIMUM ALLOWABLE SO <sub>2</sub> INCREASE <del>(Micrograms per cubic meter)</del> ( $\mu\text{g}/\text{m}^3$ )	
	Terrain areas Low	High
24-hour maximum	36	62
3-hour maximum	130	221

SECTION 17. NR 405.17(2)(intro.) and (d)(intro.) and (3)(intro.) are amended to read:

NR 405.17(2)(intro.) The department may, with the consent of the ~~governor(s)~~ governor of any other affected ~~state(s)~~ state, determine that the major source or major modification may employ a system of innovative control technology if all of the following conditions are met:

(d)(intro.) The major source or major modification would not before the date specified do any of the following:

(3)(intro.) The department shall withdraw any approval to employ a system of innovative control technology made under this section, if any of the following occurs:

SECTION 18. NR 406.02(6) and (10m) are renumbered 406.02(1) and (2).

SECTION 19. NR 406.04(1)(g), (i)1.(intro.), (m)9. and (n)(intro.) and 2., (2)(i), (3)(c), (4)(a)4., 5. and 6., (5)(a)(intro.) and (6)(intro.) are amended to read:

NR 406.04(1)(g) Painting or coating operations, including associated cleaning operations, which emit or will emit not more than 1666 pounds of volatile organic compounds per month, which are measured prior to entering any emission control devices unless the emissions of any single hazardous air pollutant as listed under section 112(b) of the act (42 USC 7412(b)) equal or exceed 10 tons per year or the cumulative emissions of hazardous air pollutants listed under section 112(b) of the act equal or exceed 25 tons per year.

(i)1.(intro.) Equipment used or to be used for the purpose of testing or research provided that all of the following requirements are met:

(m)9. Installation and use of any technique or device to remediate soil or water contaminated with organic compounds as part of actions taken by EPA under the authority of the comprehensive environmental response compensation and liability act of 1980, 42 USC 9601 ~~et seq.~~ to 9675, by the department under the authority of s. 144.442 or 144.76, Stats., or by a responsible party in compliance with the requirements of an administrative order, consent decree or contract issued pursuant to the comprehensive environmental response compensation and liability act of 1980, ~~42 USC 9601 et seq.~~, or s. 144.442 or 144.76, Stats.

(n)(intro.) Renovation or demolition operations involving friable asbestos containing material provided that the provisions of subd. 1. or 2. are met:

2. If the amount of asbestos containing material is at least 260 linear feet on pipes or at least 160 square feet on other facility components, all of the following conditions are met:

(2)(i) The source is not subject to any standard or regulation under section 111 or 112 of the act (42 USC 7411 or 7412).

(3)(c) For the purpose of determining emissions under sub. (2)(f), the owner or operator of a source is not required to consider indoor fugitive emissions in calculating emissions of any substance in Table 1, 2 ~~or~~ 4 or 5 of s. NR 445.04.

(4)(a)4. The use will not result in a net emissions increase of a hazardous air contaminant above the threshold amount listed for the contaminant in Tables 1 to 4 5 of ch. NR 445 or the product of the following ~~equation terms~~ is equal to or less than 1.0:

$$\frac{\text{TLV (old substance)}}{\text{TLV (new substance)}} \times \frac{\text{Emissions (proposed new substance)}}{\text{Emissions (permitted old substance)}} = \leq 1.0$$

5. The use will not result in a violation of any emission limit in chs. NR 405, 408, 409 and 415 to ~~436; and.~~

6. The use will not subject the source to any standard or regulation under section 112 of the act (42 USC 7412).

(5)(a)(intro.) In addition to the approved relocated sources which are exempt from the need for an additional permit under s. 144.391(5), Stats., and the relocation of an emissions unit within the contiguous property of an attainment area major source, no construction permit is required for the relocation of an emissions unit within the contiguous property of a minor source or a nonattainment area major source if all of the following conditions are met:

(6)(intro.) EXEMPT REPLACEMENTS. No construction permit is required for the replacement of a source if all of the following conditions are met:

SECTION 20. NR 406.11(1)(intro.) is amended to read:

NR 406.11(1)(intro.) After providing 21 days written notice to the permit holder and to the persons listed under s. 144.392 (5)(a)2. to 5., Stats., the department may revise, suspend or revoke a construction permit, part of that permit or the conditions of that permit if there is or was any of the following:

SECTION 21. NR 407.02(3) is renumbered 407.02(1) and amended to read:

NR 407.02(1) "Affected state" means either of the following:

SECTION 22. NR 407.02(13) and (16) are renumbered 407.02(2) and (3).

SECTION 23. NR 407.02(17) is renumbered 407.02(4) and 407.02(4)(c)1. is amended to read:

NR 407.02(4)(c)1. For ozone nonattainment areas, sources with the potential to emit 100 tpy or more of volatile organic compounds or oxides of nitrogen in areas classified as "rural transport", "marginal" or "moderate", 50 tpy or more in areas classified as "serious", 25 tpy or more in areas classified as "severe", and 10 tpy or more in areas classified as "extreme"; except that the references in this paragraph to 100, 50, 25 and 10 tpy of nitrogen oxides do not apply with respect to any source for which the administrator has made a finding, under section 182(f)(1) or (2) of the act (42 USC 7511a(f)(1) or (2)), that requirements under section 182(f) of the act (42 USC 7511a(f)) do not apply.

SECTION 24. NR 407.02(20) is renumbered 407.02(5).

SECTION 25. NR 407.02(22) is renumbered 407.02(6) and 407.02(6)(b)(intro.) is amended to read:

NR 407.02(6)(b)(intro.) Notwithstanding par. (a), all sources listed in par. (a)2. or 3. are not part 70 sources unless they are one of the following:

SECTION 26. NR 407.02(31), (32) and (35) are renumbered 407.02(7) to (9).

SECTION 27. NR 407.03(1)(g) and (sm)9. are amended to read:

NR 407.03(1)(g) Painting or coating operations, including associated quality assurance laboratories and cleaning operations which emit or will emit not more than 1,666 pounds of volatile organic compounds per month, which are measured prior to entering any emission control devices unless the emissions of any single hazardous air pollutant as listed under section 112(b) of the act (42 USC 7412(b)) equal or exceed 10 tons per year or the cumulative emissions of hazardous air pollutants listed under section 112(b) of the act equal or exceed 25 tons per year.

(sm)9. Installation and use of any technique or device to remediate soil or water contaminated with organic compounds as part of actions taken by EPA under the authority of the comprehensive environmental response compensation and liability act of 1980, (42 USC 9601 et seq. to 9675), by the department under the authority of s. 144.442 or 144.76, Stats., or by a responsible party in compliance with the requirements of an administrative order, consent decree or contract issued pursuant to the comprehensive environmental response compensation and liability act of 1980, ~~42 USC 9601 et seq.~~, or s. 144.442 or 144.76, Stats.

SECTION 28. NR 407.04(3)(b)1.b. is amended to read:

NR 407.04(3)(b)1.b. Submit information to show that the actual emissions of each air contaminant emitted by the source for the 2 most recent years prior to the submittal of the application for an operation permit were less than the corresponding thresholds for being classified a major source under s. NR 407.02~~(17)~~(4). If available, actual emissions, as reported to the department pursuant to ch. NR 438, shall be submitted.

SECTION 29. NR 407.09(2)(b) is amended to read:

NR 407.09(2)(b) For those stationary sources which identify reasonably anticipated alternate operating scenerios in their applications, terms and conditions covering reasonably anticipated alternate operating scenarios that are approved by the department. The terms and conditions shall require all of the following:

1. ~~Shall require the~~ The permittee, contemporaneously with making a change from one operating scenario to another, ~~to shall~~ record in a log at the permitted facility a record of the scenario under which it is operating; ~~and~~.

2. ~~Shall require the~~ The source ~~to shall~~ comply with all applicable requirements for each alternate operating scenario.

SECTION 30. NR 407.10(2)(intro.) is amended to read:

NR 407.10(2)(intro.) Categories of stationary sources which may be covered by a general operation permit are those categories which the department determines are more appropriately regulated under a general operation permit than under individual operation permits and which:

SECTION 31. NR 407.10(2)(e) is repealed.

SECTION 32. NR 407.12(4)(b) is amended to read:

NR 407.12(4)(b) The department may not act on a request for a minor permit revision until 45 days after providing notice of the requested revision to EPA or until EPA has notified the department that EPA will not object to issuance of the minor permit revision, whichever is first. Within 90 days of the department's receipt of a complete request for a minor permit revision or 15 days after the end of EPA's 45-day review period, whichever is later, the department shall ~~either~~ do one of the following:

SECTION 33. NR 407.15(intro.) is amended to read:

NR 407.15 AIR POLLUTION CONTROL OPERATION PERMIT SUSPENSION AND

REVOCAION. (intro.) After providing 21 days written notice to the permittee and to the persons listed in s. 144.3925(3)(b)2. to 7., Stats., the department may suspend or revoke an operation permit, part of that permit or the conditions of that permit if there is or was any of the following:

SECTION 34. NR 408.02(1)(b) and (c), (4), (6), (8)(intro.), (20)(e)2., 3., 8. and 9.(intro.), (21)(b)1.a., (e)29., (23)(b)(intro.) and 1., (24)(a), (b)1., (25), (29) are amended to read:

NR 408.02(1)(b) For any emissions unit, other than an electric utility steam generating unit as specified in par. (c), which has not begun normal operations on the particular date, actual emissions shall equal the potential to emit of the unit on that date.

(c) For an electric utility steam generating unit, other than a new unit or the replacement of an existing unit, actual emissions of the unit following ~~the~~ a physical or operational change shall equal the representative actual annual emissions of the unit, provided the source owner or operator maintains and submits to the department, on an annual basis for a period of 5 years from the date the unit resumes regular operation, information demonstrating that the physical or operational change did not result in an emissions increase. A longer period, not to exceed 10 years, may be required by the department if it determines a period to be more representative of normal source post-change operations.

(4) "Best available control technology" or "BACT" means an emissions limitation, including a visible emissions standard, based on the maximum degree of reduction for each air contaminant subject to regulation under the ~~federal clean air act~~ (42 USC 7401 to 7671q) which would be emitted from any proposed major source or major modification which the department, on a case-by-case basis, taking into account energy, environmental and economic impacts and other costs, determines is achievable for such source or modification through application of production processes or available methods, systems and techniques, including clean fuels, fuel cleaning or treatment or innovative fuel combination techniques for control of the air contaminant. In no event may application of best available control technology result in emissions of any air contaminant which would exceed the emissions allowed by any applicable standard under chs. NR 440 and 446 to 449. Emissions from any source utilizing clean fuels or any other means to comply with this subsection may not be allowed to increase above the levels that would have been required prior to enactment of the 1990 ~~federal clean air act~~ amendments on November 15, 1990. If the department determines that technological or economic limitations on the application of measurement methodology to a particular emissions unit would make the imposition of an emissions standard infeasible, a design, equipment, work practice, operational standard or combination thereof, may be prescribed instead to satisfy the requirement for the application of best available control technology.

The standard shall, to the degree possible, set forth the emissions reduction achievable by implementation of a design, equipment, work practice or operation, and shall provide for compliance by means which achieve equivalent results.

(6) "Clean coal technology" means any technology, including technologies applied at the precombustion, combustion or post combustion stage, at a new or existing facility which will achieve significant reductions in air emissions of sulfur dioxide or oxides of nitrogen associated with the utilization of coal in the generation of electricity or process steam which was not in widespread use as of November 15, 1990.

(8)(intro.) "Commence" as applied to construction of a major source or major modification means that the owner or operator has all necessary preconstruction approvals or permits and ~~either~~ has done one of the following:

(20)(e)2. Use of an alternative fuel or raw material by reason of an order under ~~s. section 2(a) and (b) of the federal energy supply and environmental coordination act of 1974, or any superseding legislation (15 USC 791 to 798)~~, or by reason of a natural gas curtailment plan pursuant to the federal power act (16 USC 791a to 828c).

3. Use of an alternative fuel by reason of an order or rule under section 125 of the ~~federal clean air act (42 USC 7425)~~.

8. The addition, replacement or use of a pollution control project at an existing electric utility steam generating unit, unless the department determines that the addition, replacement or use renders the unit less environmentally beneficial, or except when the department determines both of the following:

a. ~~When the department has~~ There is reason to believe that the pollution control project would result in a significant net increase in representative actual annual emissions of any air contaminant over levels used for that source in the most recent air quality impact analysis in the area conducted for the purpose of title I of the ~~federal clean air act (42 USC 7401 to 7515), if any; and.~~

b. ~~The department determines that the~~ increase will cause or contribute to a violation of any ambient air quality standard or air quality increment, or visibility limitation.

9.(intro.) The installation, operation, cessation or removal of a temporary clean coal technology demonstration project, provided that the project complies with both of the following:



(21)(b)1.a. Any ozone nonattainment area classified as rural transport, marginal or moderate;

(e)29. Any other stationary source category regulated under section 111 or 112 of the ~~federal clean air act~~ (42 USC 7411 or 7412) before November 15, 1990.

(23)(b)(intro.) An increase or decrease in actual emissions is contemporaneous with the increase from the particular change only if it occurs between the following:

1. The date 5 years before construction on the particular change commences, ~~and~~.

(24)(a) "Nonattainment area" means any area that does not meet the primary or secondary ambient air quality standard for a pollutant and that is designated nonattainment with respect to that pollutant by the administrator of the ~~U.S. environmental protection agency~~ pursuant to section 107(d) of the ~~federal clean air act~~ (42 USC 7407(d)) or by the department pursuant to s. 144.371(2), Stats.

(b)1. For ozone: rural transport, marginal, moderate, serious, severe and extreme;

(25) "Ozone transport region" means any interstate transport region which has been established for ozone pursuant to section 176A of the ~~federal clean air act~~ (42 USC 7506a).

(29) "Reasonable further progress" means annual incremental reductions in emissions of the relevant air pollutant required by part D of title I of the ~~federal clean air act~~ (42 USC 7501 to 7515) or may reasonably be required by the department or the administrator of the ~~U.S. environmental protection agency~~ for the purpose of ensuring attainment of the applicable national ambient air quality standards in an area by the applicable statutory deadline.

SECTION 35. NR 408.03(5) is amended to read:

NR 408.03(5) The requirements of ss. NR 408.04 to 408.10 applicable for new major sources or major modifications of VOC shall apply to nitrogen oxides emissions from new major sources or major modifications of nitrogen oxides, except that the requirements do not apply if the administrator of the ~~U.S. environmental protection agency~~ determines, when the administrator approves a plan, plan revision or petition under provisions of section 182(f) of the ~~federal clean air act~~ (42 USC 7511a(f)), that the statutory requirements of section 182(f) do not apply.

SECTION 36. NR 408.05(1) is amended to read:

NR 408.05(1) By the time the proposed major source or major modification is to commence operation, sufficient offsetting emissions shall be in effect such that the total emissions from existing sources in the area, from new or modified sources which are not major sources and from the proposed source will be sufficiently less than total emissions from existing sources prior to the application for the permit to construct or modify so as to represent, when considered together with the plan provisions required under section 172 of the ~~federal clean air~~ act (42 USC 7502), reasonable further progress.

SECTION 37. NR 408.06(1)(d) Note is amended to read:

NR 408.06(1)(d) Note: The term "net air quality benefit" will be interpreted based on U.S. EPA's December 4, 1986 Emission Trading Policy Statement, incorporated by reference in s. NR 484.06, until revised by ~~the U.S.~~ EPA or until the term is defined by the department.

SECTION 38. NR 408.06(4)(intro.) and (a) and (5) are amended to read:

NR 408.06(4)(intro.) In meeting the requirements of sub. (3) for ozone nonattainment areas classified under section 182 of the ~~federal clean air~~ act (42 USC 7511a), the ratio of total actual emission reductions of VOCs, and nitrogen oxides where applicable, to the net emissions increase for the same air contaminant class shall be as follows:

(a) In any rural transport or marginal nonattainment area for ozone: at least 1.1 to 1 $\frac{1}{2}$ .

(5) Within an ozone transport region, for any area designated ~~for~~ as ozone attainment, unclassifiable, or rural transport or marginal nonattainment, the ratio of total actual emissions reductions of VOCs, and nitrogen oxides where applicable, to the net emissions increase for the same air contaminant class shall be at least 1.15 to 1.

SECTION 39. NR 408.07(intro.) is amended to read:

NR 408.07 SOURCE IMPACT ANALYSIS. (intro.) The applicant for a permit under this chapter shall demonstrate to the satisfaction of the department that all of the following conditions are met:

SECTION 40. NR 408.08(3) is amended to read:

NR 408.08(3) The administrator ~~of the U.S. environmental protection agency~~ has not determined that the applicable implementation plan is not being adequately implemented for the nonattainment area in which the proposed stationary source or modification is to be constructed in accordance with the requirements of part D of title I of the federal clean air act (42 USC 7501 to 7515).

SECTION 41. NR 408.10(4) is amended to read:

NR 408.10(4) At the time that a particular source or modification becomes a major source or major modification solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of ss. NR 408.04 to ~~408.10~~ 408.09 and this section shall apply to the source or modification as though construction had not yet commenced on the source or modification.

SECTION 42. NR 409.02(2)(a)2.a. is amended to read:

NR 409.02(2)(a)2.a. By allowances allocated by the administrator pursuant to sections 403 ~~(42 USC 7651b)~~, 405 (a)(2) and (3), (b)(2), (c)(4), (d)(3) and (h)(2) ~~(42 USC 7651d)~~ and 406 of the act (42 USC 7651b, 7651d and 7651e);

SECTION 43. NR 409.02(6) is repealed.

SECTION 44. NR 409.06(8)(intro.) and (d) are amended to read:

NR 409.06(8)(intro.) EFFECT ON OTHER AUTHORITIES. No provision of the acid rain program, an acid rain portion of an operation permit application, an acid rain portion of an operation permit or a written exemption under s. NR 409.04 or 409.05 may be construed as doing any of the following:

(d) Modifying the federal power act (16 USC 791a ~~et seq.~~ to 828c) or affecting the authority of the federal energy regulatory commission under the federal power act; ~~or.~~

SECTION 45. NR 409.11(2)(a) is amended to read:

NR 409.11(2)(a) Appeals of the acid rain portion of an operation permit issued by the department that do not challenge or involve decisions or actions of the administrator under 40 CFR parts 72, 73, 75, 77 and 78 and regulations implementing sections 407 and 410 of the act (42 USC 7651f and 7651i) ~~of the act~~ shall be conducted according to the procedures in ch. NR 407 and ss. 144.31 (2)(a), 144.403 and 227.40 to 227.60, Stats. The permit shield under s. NR 409.10(2) shall continue to be in effect during the appeal process. Appeals of the acid rain portion of a permit that challenge or involve decisions or actions of the administrator shall follow the procedures under 40 CFR part 78 and section 307 of the act (42 USC 7607). Decisions or actions include, but are not limited to, allowance allocations, determinations concerning alternative monitoring systems and determinations of whether a technology is a qualifying repowering technology.

SECTION 46. NR 410.02(6) is amended to read:

NR 410.02(6) "Minor source" means any direct source which is not a major source as defined in s. NR 407.02(17)(4).

SECTION 47. NR 410.03(1)(a)2. is amended to read:

NR 410.03(1)(a)2. \$3,300 if the permit application is not for a major modification as defined in s. NR 405.02(21) or 408.02(20) and the permit is for an emissions unit to be located at a major source as defined in s. NR 407.02(17)(4).

SECTION 48. NR 415.02(9) is amended to read:

NR 415.02(9) "Silt content" means that portion by weight of a particulate material which will pass through a no. 200 (75  $\mu$ m) wire sieve as determined by the dry method in ASTM ~~C136-92~~ C136-93, incorporated by reference in s. NR 484.10, or other method approved by the department.

SECTION 49. NR 417.025 is renumbered 417.03.

SECTION 50. NR 417.07(8)(d)(intro.) is amended to read:

NR 417.07(8)(d)(intro.) The department may, after notice and opportunity for hearing, revoke or modify any variance ~~if~~ for any of the following reasons:

SECTION 51. NR 418.05(1)(intro.) is amended to read:

NR 418.05(1)(intro.) No person may cause, allow or permit sulfur dioxide to be emitted to the ambient air within the corporate boundaries of the cities of Green Bay and DePere, Brown county, from any direct source on which construction or modification was commenced prior to February 1, 1984 in amounts greater than ~~those specified in this subsection and sub. (2).~~ the following:

SECTION 52. NR 419.07(2)(c)(intro.) and 1. to 3. are amended to read:

NR 419.07(2)(c)(intro.) The remediation may commence if the requirements in par. (a) are met and if the remediation project meets all of the following conditions:

1. ~~Meets~~ The project meets the emission limits in sub. (4) and the requirements in sub. (5);
2. ~~Will~~ The project will not cause emissions in such quantity, concentration or duration as to be injurious to human health; ~~and.~~
3. ~~Will~~ The project will not cause emissions in quantities which will substantially contribute to the exceeding of an ambient air quality standard or ambient air increment or cause air pollution.

SECTION 53. NR 419.07(4)(e)3. is repealed.

SECTION 54. NR 420.02(41) is amended to read:

NR 420.02(41) "Waxy, heavy pour crude petroleum" means a crude petroleum with a pour point of 10°C (50°F) or higher as determined by ASTM ~~D97-87~~ D97-93, incorporated by reference in s. NR 484.10.

SECTION 55. NR 420.03(1)(a), (3)(b)(intro.), (4)(b)(intro.) and (5)(b)(intro.) and 1. are amended to read:

NR 420.03(1)(a) Storage vessels being used for number 2 through number 6 fuel oils as specified in ASTM D396-92, gas turbine fuel oils numbers 2-GT through 4-GT as specified in ASTM ~~D2880-89~~ D2880-92, or diesel fuel oils numbers 2-D and 4-D as specified in ASTM D975-92a. These ASTM standards are incorporated by reference in s. NR 484.10.

(3)(b)(intro.) Vapor pressure dependent records. The owner or operator of any storage vessel to which this section applies shall, for each ~~such~~ storage vessel, determine and record the average monthly storage temperature and true vapor pressure of the petroleum liquid stored at ~~such~~ that temperature if one of the following applies:

(4)(b)(intro.) Requirements. No person may place, hold or store in a storage vessel any petroleum liquid which has a true vapor pressure as stored greater than 10.5 kPa (1.52 psia) unless all of the following requirements are met:

(5)(b)(intro.) Storage requirements. No owner or operator of a fixed roof storage vessel to which this subsection applies may permit ~~such~~ the storage vessel to be used for storing any petroleum liquid which has a true vapor pressure as stored greater than 10.5 kPa (1.52 psia), unless all of the following requirements are met:

1. The vessel has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and the tank wall<sub>2</sub>, or with equally effective alternative controls approved by the department.

SECTION 56. NR 420.03(5)(b)2. is repealed.

SECTION 57. NR 420.03(5)(b)7.(intro.) and (6)(b)(intro.) are amended to read:

NR 420.03(5)(b)7.(intro.) Records are maintained and retained for a minimum of 2 years that shall include both of the following:

(6)(b)(intro.) Storage requirements. No owner or operator of a storage vessel equipped with an external floating roof to which this subsection applies may permit such storage vessel to be used for storing any petroleum liquid unless all of the following requirements are met:

SECTION 58. NR 420.04(1)(b)(intro.) and (f)(intro.) and 1., (2)(b) and (c)(intro.) and 1. are amended to read:

NR 420.04(1)(b)(intro.) Vapor control system. No person may load gasoline into any tank trucks or trailers from any bulk gasoline terminal unless all of the following requirements are met:

(f) Precautions. Sources to which this subsection applies may not do either of the following:

1. Allow gasoline to be discarded in sewers or stored in open containers, s. NR 419.04

~~notwithstanding; or.~~

(2)(b) Equipment requirements for bulk plants. No owner or operator of a bulk gasoline plant may permit stationary storage tanks to load or unload gasoline unless each tank is equipped with a vapor balance system as described under par. (e) and approved by the department; ~~and~~ with one of the following:

1. ~~Each tank is equipped with a~~ A submerged fill pipe approved by the department; ~~or.~~

2. ~~Each tank is equipped with a~~ A fill line whose discharge opening is flush with or near the bottom of the tank.

(c)(intro.) Equipment requirements for delivery vessels. No owner or operator of a bulk gasoline plant or delivery vessel may permit the gasoline transfer operations regulated under this subsection unless each delivery vessel involved in such operations is equipped with a vapor balance system as described under par. (e) and approved by the department; ~~and~~ the following conditions are met:

1. Equipment is available at the bulk gasoline plant to provide for the submerged filling of each delivery vessel; ~~or~~ each delivery vessel is equipped for bottom filling.

SECTION 59. NR 420.04(2)(c)2. is repealed.

SECTION 60. NR 420.04(2)(d)(intro.), (3)(f)(intro.) and (g)(intro.) and (4)(b)4.b. are amended to read:

NR 420.04(2)(d)(intro.) Transfer requirements. No owner or operator of a bulk gasoline plant or delivery vessel may permit the transfer of gasoline unless all of the following requirements are met:

(3)(f)(intro.) Delivery vessel refilling. During the ozone season, vapor-laden delivery vessels shall be refilled in ~~Wisconsin~~ this state only at one of the following:

(g)(intro.) Control equipment installation and maintenance. Each owner of a gasoline storage tank or delivery vessel shall do all of the following:

(4)(b)4.b. The vessel may not ~~sustain~~ undergo a pressure change of more than 0.75 kPa (3 inches of H<sub>2</sub>O) in 5 minutes when pressurized to a gauge pressure of 4.5 kPa (18 inches of H<sub>2</sub>O) or evacuated to a gauge pressure of 1.5 kPa (6 inches of H<sub>2</sub>O) during the test required in subd. 4. a.; ~~and~~

SECTION 61. NR 420.05(1)(b)(intro.), (2)(b)(intro.), (3)(b)(intro.), (4)(b)1.(intro.), (c)4.(intro.) and (e)(intro.) are amended to read:

NR 420.05(1)(b)(intro.) Requirements. The owner or operator of any vacuum producing systems at a petroleum refinery may not permit the emission of any noncondensable VOC, from the condensers or accumulators of the system. The control required by this paragraph shall be achieved by one of the following:

(2)(b)(intro.) Requirements. The owner or operator of any wastewater (oil-water) separators at petroleum refinery shall do both of the following:

(3)(b)(intro.) Requirements. The owner or operator of a petroleum refinery shall develop and submit to the department for approval a detailed procedure for minimizing VOC emissions during process unit turnaround. At a minimum, the procedure shall provide for all of the following:

(4)(b)1.(intro.) Install a valve at the end of a pipe or line containing VOCs unless one of the following applies:

(c)4.(intro.) Upon detection of a leaking component which is producing a VOC concentration in excess of 10,000 ppm at any point accessible to the monitoring device do all of the following:

(e)(intro.) Recordkeeping. The owner or operator of a petroleum refinery shall maintain a leaking component monitoring log, for a period of 3 years from the recording date, containing at a minimum all of the following:

SECTION 62. NR 421.04(3)(a)(intro.) and (c)1. are amended to read:

NR 421.04(3)(a)(intro.) For all undertread cementing, tread end cementing and bead dipping operations install and operate one of the following:



(c)1. Industrial Ventilation: A Manual of Recommended Practice, 20th ed., incorporated by reference in s. NR 484.11, ~~and~~.

SECTION 63. NR 421.05(1)(b), (2)(a)(intro.) and 1. and (3)(a) are amended to read:

NR 421.05(1)(b) Effective January 1, 1994, this section applies to reaction tanks, thinning tanks, blending tanks and other process vessels used in any synthetic resin manufacturing facility which has maximum theoretical emissions of VOCs from the processes greater than or equal to one of the following:

1. ~~Has maximum theoretical emissions of VOCs from the processes greater than or equal to 25 tons per year and which is for a facility~~ located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha, ~~or~~.

2. ~~Has maximum theoretical emissions of VOCs from the processes greater than or equal to 100 tons per year and which is for a facility~~ located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth.

(2)(a)(intro.) Equip each vent from reaction tanks, and all blending tanks and thinning tanks, with an emission control system which meets one of the conditions listed in this paragraph. Any equally effective control method or equivalent system approved by the department under this paragraph shall be submitted to, and will not become effective for federal purposes until approved by, the administrator or designee as a source-specific revision to the department's state implementation plan for ozone. The emission control system shall be one of the following:

1. A surface condenser, or equally effective control device approved by the department, and a vapor recovery or control system that reduces emissions from the surface condenser or equally effective device by ~~85%, or~~.

(3)(a) This subsection applies only to a synthetic resin manufacturing facility which is in existence on January 1, 1994 and which is meets one of the following criteria:

1. ~~Located~~ The facility is located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth, ~~or~~.

2. ~~Located~~ The facility is located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha and ~~which~~ was not subject to this section prior January 1, 1994.

SECTION 64. NR 421.06(1)(b) and (2)(a)(intro.) are amended to read:

NR 421.06(1)(b) Effective January 1, 1994, this section applies to pigment dispersion chambers, thinning tanks, tinting, straining, blending tanks and other process vessels used in any coatings manufacturing facility which has maximum theoretical emissions of VOCs from the processes greater than or equal to one of the following:

1. ~~Has maximum theoretical emissions of VOCs from the processes greater than or equal to 25 tons of VOCs per year and is~~ for a facility located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha, ~~or.~~

2. ~~Has maximum theoretical emissions of VOCs from the processes greater than or equal to 100 tons of VOCs per year and is~~ for a facility located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth.

(2)(a)(intro.) Keep all portable mixing vats covered with lids, except to add ingredients or to take samples. The lids shall extend at least ½ inch beyond the outer rim of the vat or be attached to the rim of the vat and shall be maintained in good condition such that, when in place, they maintain contact with the rim for at least 90% of the circumference of the rim of the vat. The lids may have a slit to allow clearance for insertion of a mixer shaft. The slit shall be covered after insertion of the mixer, except to allow safe clearance for the mixer shaft.

SECTION 65. NR 421.06(2)(a)1. to 3. are repealed.

SECTION 66. NR 421.06(3)(a) is amended to read:

NR 421.06(3)(a) This subsection applies only to a coatings manufacturing facility which is in existence on January 1, 1994 and which is meets one of the following criteria:

1. ~~Located~~ The facility is located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth, ~~or~~.

2. ~~Located~~ The facility is located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha and ~~which~~ was not subject to this section prior to January 1, 1994.

SECTION 67. NR 422.02(24) is repealed.

SECTION 68. NR 422.02(89) is amended to read:

NR 422.02(89) "Specialty coatings" means, for the purpose of motor vehicle refinishing operations, coatings used only for discrete portions of the vehicle, such as bumpers or spot repairs, which are necessary due to unusual coating performance requirements. Specialty coatings include, but are not limited to, adhesion promoters, uniform finish blenders, elastomeric coatings, gloss flatteners, bright metal trim repair and antiglare/safety coatings.

SECTION 69. NR 422.142(2)(c)1.(intro.) is amended to read:

NR 422.142(2)(c)1.(intro.) Except as provided in subd. 2., any person who owns or operates any lithographic printing press shall use blanket or roller wash which, as applied, has one of the following:

SECTION 70. NR 422.15(3)(a) is repealed.

SECTION 71. NR 423.03(1)(intro.), (2)(intro.), (a)(intro.) and (b)(intro.), (3)(intro.), (b)(intro.), (g)(intro.) and (h)(intro.), (4)(g)(intro.), (5)(f)(intro.), (6)(a)(intro.), (7)(intro.) and (8)(b)1.(intro.) are amended to read:

NR 423.03(1) APPLICABILITY. (intro.) Except as provided in sub. (8), this section applies, with a final compliance deadline of May 1, 1980, or as provided by a compliance schedule issued or approved pursuant to s. NR 425.03(5), to cold cleaning, open top vapor degreasing and conveyORIZED vapor degreasing operations. This section also applies, with a final compliance schedule provided pursuant to sub. (6) deadline of May 1,

1988, except as provided in sub. (8), to conveyorized non-vapor degreasing operations and, under the compliance provisions of sub. (8)(c), to wipe cleaning operations.

(2)(intro.) EXEMPTIONS. The owner or operator of any facility located in Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington or Waukesha county and which claims to be exempt under this subsection from any requirement of subs. (3) to (7) shall comply with the recordkeeping requirements of sub. (10). The following exemptions apply to the source categories indicated:

(a)(intro.) This section does not apply to individual cold cleaners to which not more than 5.7 liters (1.5 gallons) of solvent is added per day, or to individual open top vapor, conveyorized vapor or conveyorized non-vapor degreasers whose emissions of VOCs are not more than 6.8 kilograms (15 pounds) in any one day provided the following conditions are met:

(b)(intro.) This section also does not apply to sources used exclusively for chemical or physical analysis or determination of product quality and commercial acceptance where all of the following conditions are met:

(3)(intro.) COLD CLEANERS. Except as provided under sub. (2)(a), (b), (c) and (h), the owner or operator of a cold cleaning facility shall do all of the following:

(b)(intro.) Design the cover so that it can be easily operated with one hand if any of the following applies:

(g)(intro.) Provide supervision or instruction adequate to ensure that the operation is conducted in accord with all of the following:

(h)(intro.) Design the cover so that it is either a roll-top cover, a canvas curtain cover, a guillotine (biparting) cover, or any other type of cover that slides off the degreaser in a horizontal motion and is designed such that it can be opened or closed without disturbing the vapor layer or the solvent surface if any of the following applies:

(4)(g)(intro.) Minimize solvent carryout by doing all of the following:

(5)(f)(intro.) Minimize carryout emissions by doing all of the following:

(6)(a)(intro.) Control requirements. Except as provided under sub. (2)(a), (b), (f) and (h), the owner or operator of a conveyorized non-vapor degreaser shall do all of the following:

(7)(intro.) WIPE CLEANING. Except as provided under sub. (2)(b), (g) and (h), the owner or operator of a wipe cleaning operation shall do all of the following:

(8)(b)1.(intro.) This paragraph applies only to a facility which is in existence on September 1, 1994 and which is subject to requirements under sub. (3)(b) to (g), (4)(c), (5)(c) or (6)(a)2. as of September 1, 1994 and which prior to September 1, 1994 was exempt from the requirements of sub. (3)(b) to (g) under sub. (2)(c), from the requirements of sub. (4)(c) under sub. (2)(d), from the requirements of sub. (5)(c) under sub. (2)(e), or from the requirements of sub. (6)(a)2. under sub. (2)(f).

SECTION 72. NR 423.03(8)(b)1.a. to d. are repealed.

SECTION 73. NR 423.04(3)(intro.) and (a)(intro.) are amended to read:

NR 423.04(3)(intro.) REQUIREMENTS. Except as provided under sub. (2), the owner or operator of a perchloroethylene dry cleaning facility shall do all of the following:

(a)(intro.) Vent the entire dryer exhaust through one of the following:

SECTION 74. NR 423.05(1) and (3)(a) are amended to read:

NR 423.05(1) APPLICABILITY. This section applies, subject to the provisions of s. NR 425.03, to petroleum liquid solvent washers, dryers, solvent filters, settling tanks, vacuum stills, piping, ductwork, pumps, storage tanks, and other containers and conveyors of petroleum liquid solvent that are used in a petroleum liquid solvent dry cleaning facility which has maximum theoretical emissions of VOCs from the facility greater than or equal to one of the following:

(a) ~~Has maximum theoretical emissions of VOCs from the facility greater than or equal to 25 tons per year and for a facility~~ which is located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha, ~~or~~.

(b) ~~Has maximum theoretical emissions of VOCs from the facility greater than or equal to 100 tons per year and for a facility~~ which is located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth.

(3)(a) This subsection applies only to a petroleum liquid dry cleaning facility in existence on January 1, 1994 ~~and to which one of the following applies:~~

1. ~~Located~~ The facility is located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth, ~~or.~~

2. ~~Located~~ The facility is located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha and ~~which~~ was not subject to this section prior to January 1, 1994.

SECTION 75. NR 424.03(3)(intro.) is amended to read:

NR 424.03(3)(intro.) ELECTION. Surface coating and printing processes subject to the requirements of this section may instead elect, with the approval of the department, to meet the emission limitations of ~~s-~~ss. NR 422.01 to 422.155, notwithstanding ss. NR 422.03(1), (2), (3) or (4) and 425.03, provided that all of the following requirements are met:

SECTION 76. NR 424.04(1)(b) and (3)(a) are amended to read:

NR 424.04(1)(b) Effective January 1, 1994, this section applies to any aerosol can filling facility which has maximum theoretical emissions of VOCs from the facility greater than or equal to one of the following:

1. ~~Has maximum theoretical emissions of VOCs greater than or equal to 25 tons per year and is for a~~ facility located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha, ~~or.~~
2. ~~Has maximum theoretical emissions of VOCs greater than or equal to 100 tons per year and is for a~~ facility located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth.

(3)(a) This subsection applies only to an aerosol can filling facility which is in existence on January 1, 1994 and which is meets one of the following criteria:

1. ~~Located~~ The facility is located in the county of Door, Kewaunee, Manitowoc, Sheboygan or Walworth, ~~or.~~

2. ~~Located~~ The facility is located in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha and ~~which~~ was not subject to this section prior to January 1, 1994.

SECTION 77. NR 424.05(1)(a) is amended to read:

NR 424.05(1)(a) This section applies to any yeast manufacturing facility which is has maximum theoretical emissions of VOCs from the facility greater than or equal to one of the following:

1. ~~Located 25 tons per year for a facility located~~ in the county of Kenosha, Milwaukee, Ozaukee, Racine, Washington or Waukesha ~~and which has maximum theoretical emissions of VOCs greater than or equal to 25 tons per year, or,~~

2. ~~Located 100 tons per year for a facility located~~ in the county of Kewaunee, Manitowoc or Sheboygan ~~and which has maximum theoretical emissions of VOCs greater than or equal to 100 tons per year.~~

SECTION 78. NR 425.03(7m), (11)(b)(intro.), (13)(b)2.(intro.) are amended to read:

NR 425.03(7m)(intro.) COMPLIANCE SCHEDULE DELAYS. Notwithstanding any compliance schedule approved or issued under this section, the department may approved a new compliance schedule which provides additional time for achieving compliance, provided that all of the following conditions are met:

(a) ~~That the~~ The owner or operator of the source is able to document to the department's satisfaction that the source is unable to meet the applicable deadline under this section due to circumstances beyond the owner or operator's control which could not reasonably have been avoided by using all prudent planning;

(b) ~~That~~ The final compliance for sources covered under ss. NR 420.03(5), 420.04(1)(b), (c) and (f), (2)(b), (c)1. and 2., (d), (e) and (h), (3)(b)1. and 2., (c), (e), (f), (g)1. and 2., (h) and (i), 420.05(1) to (3), 422.05 to 422.08, 422.10 to 422.12 and 423.03 (3) to (5) is not later than December 31, 1982; ~~and,~~

(c) ~~That~~ The final compliance for sources covered under ss. NR 420.03(6), 420.04(1)(d), (e) and (g), (2)(c)3., (f) and (g), (3)(b)3., (d) and (g)3., 420.05(4), 421.03(1) to (3), 421.04, 422.13 to 422.15 and 423.04 is not later than that required in this section.

(11)(b)(intro.) The owner or operator of any bulk gasoline plant subject to the requirements of s. NR 420.04(2) shall do all of the following:

(13)(b)2.(intro.) No later than January 1, 1995, do one of the following:

SECTION 79. NR 425.05(1)(a)(intro.), (b)(intro.), (d)(intro.) and (e)(intro.), (2)(a)(intro.) and (b)(intro.) and (3)(c)(intro.) are amended to read:

NR 425.05(1)(a)(intro.) Eligibility. The department may, by order issued under s. 144.31(2)(b), Stats., approve an application made under this subsection only if all of the following conditions are met:

(b)(intro.) Approval criteria. Any department approval of an application made under this subsection shall, at a minimum, do all of the following:

(d)(intro.) Additional requirements. Any internal offset approved under this subsection may not become effective for federal purposes until it has met the following requirements:

(e)(intro.) Relocated lines. Notwithstanding par. (a)1., any coating or printing line which is relocated to another facility may comply with the emission limitations in ss. NR 422.05 to 422.15 through an internal offset if the following conditions are met:

(2)(a)(intro.) Eligibility. The department may, by order issued under s. 144.31(2)(b), Stats., approve an application made under this subsection only if all of the following conditions are met:

(b)(intro.) Approval criteria. Any department approval of an application made under this subsection shall, at a minimum, do all of the following:

(3)(c)(intro.) Federal approval. Any compliance extension authorization under par. (a) may not become effective for federal purposes until it has met the following requirements:

SECTION 80. NR 431.07(2)(a)(intro.) is amended to read:

NR 431.07(2)(a)(intro.) The source owner or operator shall notify the department in writing of its request to establish an alternate opacity limit at least 45 days prior to the performance of any testing for the purpose of establishing an alternate opacity limit. This notice shall include both of the following:

SECTION 81. NR 436.05(2)(b) and (bm) are repealed.

SECTION 82. NR 436.05(2)(c) and (4)(intro.) are amended to read:



NR 436.05(2)(c) The owner or operator of the air contaminant source for which a revision is requested demonstrates that all other direct or portable sources owned or operated in the state by ~~such~~ the person are in compliance with all applicable requirements of chs. NR 400 to 499 or are on a schedule for compliance with ~~such~~ the requirements.

(4)(intro.) REVOCATION AND MODIFICATION OF VARIANCES. The department may, after notice and opportunity for hearing, revoke or modify any revision when any of the following applies:

SECTION 83. NR 436.06(1)(intro.), (3)(b)(intro.) and (4)(b)(intro.) and 2. are amended to read:

NR 436.06(1)(intro.) If the department of administration, division of energy and intergovernmental relations has certified that a switch from the fuel regularly used by the applicant to an alternate fuel which would cause an emission limitation to be exceeded is needed to protect public health, safety or welfare in the applicant's part of the state, the department may grant a temporary variance from ~~such~~ the requirements provided that all of the following conditions are met:

(3)(b)(intro.) Prior to granting a variance extension which expires on a date more than 45 days after the date the variance was originally granted, the department shall do all of the following:

(4)(b)(intro.) Prior to granting a variance extension which expires on a date more than 60 days after the date the variance was originally granted, the department shall do both of the following:

2. Evaluate through ambient air monitoring ~~and/or~~ dispersion modeling or both the air quality impact of granting the variance. If the evaluation indicates the maintenance of the air standards is not being endangered, an extension may be granted. If the evaluation indicates that a secondary air standard has been or may be violated, the procedure ~~set forth~~ in sub. (3)(b) shall apply.

SECTION 84. NR 438.03(5)(a) is amended to read:

NR 438.03(5)(a) Based on the throughput or emissions information submitted pursuant to ss. NR 438.03 and 438.04, the department shall determine each facility's annual actual emissions and typical ozone season day emissions based on emission factors contained in Compilation of Air Pollutant Emission Factors, AP-42, Volume 1: Stationary Point and Area Sources, USEPA-OAQPS, ~~September 1991~~ January 1995, or Toxic Air Pollutant Emission Factors — A Compilation for Selected Air Toxic Compounds and Sources, Second Edition, USEPA-OAQPS, ~~EPA-450/2-90-011~~, October 1990, both incorporated by reference in s. NR 484.05. Other emission factors or methods, including, but not limited to, mass balance or other use reporting, consumption and analytical methodologies, or continuous emissions monitoring data, if applicable, may be used by the department.

SECTION 85. NR 439.055(1)(d) and (g) and (3)(a) are amended to read:

NR 439.055(1)(d) Incinerators - temperature in the primary chamber and the afterburner in degrees Fahrenheit or ~~centigrade~~ Celsius (centigrade).

(g) Adsorption equipment - pressure drop across the adsorber and prefilter in inches of water, and temperature within the adsorber in degrees Fahrenheit or ~~centigrade~~ Celsius (centigrade).

(3)(a) The temperature monitoring device shall have an accuracy of 0.5% of the temperature being measured in degrees Fahrenheit or  $\pm 5^{\circ}\text{F}$  of the temperature being measured, or the equivalent in degrees ~~centigrade~~ Celsius (centigrade), whichever is greater.

SECTION 86. NR 439.075(4)(a)1.(intro.) is amended to read:

NR 439.075(4)(a)1.(intro.) The department may grant a written waiver of a scheduled test if any of the following applies:

SECTION 87. NR 439.08(1)(b), (c), (d), (e) and (g) are amended to read:

NR 439.08(1)(b) Preparing coal for analysis. Preparation of a coal sample for analysis shall be performed according to ASTM D2013-86 (1994), Standard Method of Preparing Coal Samples for Analysis, incorporated by reference in s. NR 484.10.

(c) Sulfur content in coal. The sulfur content of a coal sample shall be determined according to ASTM D3177-89 (1993), Standard Test Methods for Total Sulfur in the Analysis Sample of Coal and Coke, or ~~ASTM D4239-93~~ D4239-94, Standard Test Methods for Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods, both incorporated by reference in s. NR 484.10.

(d) Heat content in coal. The heat content of a coal sample shall be determined according to ~~ASTM D1989-92~~ D1989-93, Standard Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeters, or ~~ASTM D2015-93~~ D2015-94, Standard Test Method for Gross Calorific Value of Coal and Coke by the Adiabatic Bomb Calorimeter, both incorporated by reference in s. NR 484.10.

(e) Ash content in coal. The ash content of a coal sample shall be determined according to ASTM ~~D3174-89~~ D3174-93, Standard Test Method for Ash in the Analysis Sample of Coal and Coke from Coal, incorporated by reference in s. NR 484.10.

(g) Ultimate analysis of coal. The ultimate analysis of a coal sample shall be determined according to ASTM D3176-89 (1993), Standard Practice for Ultimate Analysis of Coal and Coke, incorporated by reference in s. NR 484.10.

SECTION 88. NR 439.095(5)(a)2.(intro.) is amended to read:

NR 439.095(5)(a)2.(intro.) 'Sulfur dioxide'. The owner or operator of any steam generating facility shall install, calibrate, maintain and operate a continuous monitoring system for the measurement of sulfur dioxide which meets the performance specifications of sub. (6) if one of the following applies:

SECTION 89. NR 440.17(2)(f)1. and (g)1. are amended to read:

NR 440.17(2)(f)1. UL 103, Sixth Edition revised as of September 3, 1986, Standard for Chimneys, Factory-built, Residential Type and Building Heating Appliance, for 40 CFR part 60, Appendix A, Method 28.

(g)1. West Coast Lumber Standard Grading Rules No. 16, pages 5-21 and 90 and 91, September 3, 1970, revised 1984, for 40 CFR part 60, Appendix A, Method 28.

SECTION 90. NR 440.59(5)(f) Note is amended to read:

NR 440.59(5)(f) Note: Under 40 CFR 60.474(g), if fuel oil is to be used to fire an afterburner used to control emissions from a blowing still, the owner or operator may petition the administrator in accordance with 40 CFR 60.11(e) to establish an opacity standard for the blowing still that will be the opacity standard when fuel oil is used to fire the afterburner. To obtain this opacity standard, the owner or operator must request the administrator to determine opacity during an initial, or subsequent, performance test when fuel oil is used to fire the afterburner. Upon receipt of the results of the performance test, the administrator will make a finding concerning compliance with the mass standard for the blowing still. If the administrator finds that the facility was in compliance with the mass standard during the performance test but failed to meet the zero opacity standard, the administrator will establish and promulgate in the Federal Register an opacity standard for the blowing still that will be the opacity standard when fuel oil is used to fire the afterburner. When the afterburner is fired with natural gas, the zero percent opacity remains the applicable opacity standard.

SECTION 91. NR 440.62(4)(b)2.f. Note is amended to read:

NR 440.62(4)(b)2.f. Note: Under 40 CFR 60.484, each owner or operator subject to the provisions of this section may apply to the administrator for determination of equivalence for any means of emission limitation that achieves a reduction in emissions of VOC at least equivalent to the reduction in emissions of VOC achieved by the controls required in this section. Manufacturers of equipment used to control equipment leaks of VOC may apply to the administrator for determination of equivalence for any equivalent means of emission limitation that achieves a reduction in emissions of VOC at least equivalent to the reduction in emissions of VOC achieved by the equipment, design and operational requirements of this section. The administrator will make an equivalence determination according to the provisions of 40 CFR 60.484 (b), (c), (d) and (e).

SECTION 92. NR 445.01(1)(a) is amended to read:

NR 445.01(1)(a) This chapter applies to all air contaminant sources which may emit hazardous pollutants and to their owners and operators. The emission limitations and control requirements of this chapter do not apply to a source of a hazardous air contaminant regulated under chs. NR 446 to 449 for the specific hazardous air contaminants regulated under those chapters or to a source which must meet a national emission standard for a hazardous air pollutant promulgated under section 112 of the ~~federal clean air act~~ (42 USC 7412) for the specific air pollutant regulated under that standard.

SECTION 93. NR 445.02(1) is amended to read:

NR 445.02(1) "Approved material safety data sheet" means a material safety data sheet which meets the reporting requirements of the superfund amendments reauthorization act of 1986 (42 USC 9671- to 9675) or regulations of the occupational safety and health act of 1970 (29 USC 660) administration under 29 CFR 1910.1200(g), as in effect on the effective date of this subsection .... [revisor inserts date].

SECTION 94. NR 445.04 Table 5 is amended to read:

Table 5  
Hazardous Air Contaminants With Acceptable Ambient  
Concentrations Based on the U.S. Environmental Protection Agency's  
Reference Concentration Methodology

Contaminant	CAS Number	Emission Rate in lbs/yr with emission points		Reference Concentration (micrograms per cubic meter)	Total Uncertainty Factor	Date of last revision to Ws. Adm. Code
		<25 ft.	≥25 ft.			
Ammonia	7664-41-7	21,039	91,264	100	30	January 1, 1995
Bromomethane	74-83-9	631,174	2,737,907	3000	100	January 1, 1995
1,2-Dichloropropane (PDC)	78-87-5	842	3651	4	300	January 1, 1995
1,3-Dichloropropene	542-75-6	4208	18,253	20	30	January 1, 1995
Diesel engine emissions		1052 <sup>1</sup>	4563 <sup>1</sup>	5	30	January 1, 1995
N,N-Dimethylformamide	68-12-2	6312	27,380	30	300	January 1, 1995
Epichlorohydrin	106-89-8	210	913	1	300	January 1, 1995
Ethyl chloride	75-00-3	2,103,914	9,126,358	10,000	300	January 1, 1995
Ethyl benzene	100-41-4	210,391	912,636	1000	300	January 1, 1995
n-Hexane	110-54-3	42,078	182,527	200	300	January 1, 1995
Mercury (inorganic)	7439-97-6	63	274	0.3	30	January 1, 1995
Methyl tert-butyl ether	1634-04-4	631,174	2,737,907	3000	100	January 1, 1995
Propylene glycol monomethyl ether	107-98-2	420,783	1,825,272	2000	300	January 1, 1995
Propylene oxide	75-56-9	6312	27,380	30	100	January 1, 1995
Styrene	100-42-5	210,391	912,636	1000	30	January 1, 1995
Toluene	108-88-3	84,157	365,054	400	300	January 1, 1995
Vinyl acetate	108-05-4	42,078	182,527	200	30	January 1, 1995

<sup>1</sup> As measured by federal test procedures for particulate diesel engine emissions.

SECTION 95. NR 445.05(6)(a)2.(intro.) and 3.(intro.), (bm)3.a. and 4.a., (e)2. and (8)(c)2. are amended to read:

NR 445.05(6)(a)2.(intro.) Except as provided for in par. (am), the owner or operator of any facility whose actual emissions for calendar year 1986 of volatile organic compounds and of particulate matter were less than 100 tons for each of the 2 air contaminants, but whose annual allowable emissions of any air contaminant for which an ambient air quality standard has been promulgated under section 109 of the ~~federal clean air act~~ (42 USC 7409) exceeds 100 tons, shall:

3.(intro.) Except as provided for in par. (am), the owner or operator of any facility whose annual allowable emissions of each air contaminant for which an ambient air quality standard has been promulgated under section 109 of the ~~federal clean air act~~ (42 USC 7409) is 100 tons or less shall:

(bm)3.a. For a facility which is included in a single category identified in 40 CFR part 63 with a schedule deadline of November 15, 1994, submit the compliance plan for all emissions units at the facility within 12 months after the effective date for a national emission standard applicable to the source under section 112(d) of the act (42 USC 7412(d)), but no later than May 15, 1996.

4.a. For a facility which is included in a single category identified in 40 CFR part 63 with a schedule deadline of November 15, 1994, achieve compliance by the final compliance deadline set by a national emission standard applicable to the source under section 112(d) of the act (42 USC 7412(d)), but no later than May 15, 1999.

(e)2. The owner or operator of a source which has achieved compliance with sub. (4r)(a) may not be required to meet additional requirements under this section if the reference concentration, as listed in Table 5 of s. NR 445.04, is amended after the effective date of a national emission standard applicable to the source which is promulgated under section 112 of the act (42 USC 7412) for that hazardous air contaminant.

(8)(c)2. The emission ~~limit~~ limitation from which variance is sought is technologically or economically infeasible to meet due to conditions or special circumstances at the source, including adverse environmental or energy impacts.

SECTION 96. NR 447.16(2) is amended to read:

NR 447.16(2) The information required by sub. (1) shall accompany the information required by 40 CFR 61.10 as in effect on the effective date of this subsection .... [revisor inserts date]. Active waste disposal sites subject to s. NR 447.17 shall also comply with this provision. Roadways, demolition and renovation, spraying, and insulating materials are exempted from the requirements of 40 CFR 61.10(a). The information described in this section shall be reported using the format of Appendix A of 40 CFR part 61, incorporated by reference in s. NR 484.04, as a guide.

SECTION 97. NR 447.18(1) Note is repealed and recreated to read:

NR 447.18(1) Note: The information which must be submitted to obtain approval of the administrator is specified in 40 CFR 61.155(a). This includes the performance test protocol, including provisions for obtaining information required under sub. (2).

SECTION 98. NR 449.12(3)(b)6.(intro.) is amended to read:

NR 449.12(3)(b)6.(intro.) Records of all data needed to furnish the information required by subd. 5. shall be retained at the source and made available for inspection by a department representative for a minimum of ~~2~~ 3 years. The records shall contain:

SECTION 99. NR 468.01(1) is amended to read:

NR 468.01(1) APPLICABILITY. This chapter applies to miscellaneous sources of hazardous air pollutants including perchloroethylene dry cleaning, petroleum solvent dry cleaning, sterilization facilities, chromic acid anodizing, decorative chromium electroplating, hard chromium electroplating, halogenated solvent cleaners, plywood and particle board manufacturing, industrial process cooling towers and pulp and paper production, and to their owners and operators.

SECTION 100. NR 484.04(27) is amended to read:

CFR Appendix Referenced	Title	Incorporated by Reference For
NR 484.04(27) 40 CFR part 763 Subpart F Appendix A, Section 1	Polarized Light Microscopy	NR 447.02(1) NR 447.02(16) NR 447.02(27) NR 447.02(36) NR 447.09(1)(a)

SECTION 101. NR 484.05(1) and (8) are amended to read:

Document Reference	Document Title	Incorporated by Reference For
NR 484.05(1) NTIS Order No. PB 87-100012	Standard Industrial Classification Manual, 1987	NR 400.02(47m) NR 400.02(51m) NR 400.02(91) NR 405.02(8) NR 407.02(47)(4)(intro.) NR 407.05(4)(b) NR 408.02(5) NR 410.02(4) NR 421.02(3) NR 421.02(17) NR 422.02(112) NR 422.095(1) NR 422.15(1)(intro.) NR 438.02(1)
(8) EPA, OAQPS, AP-42	Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point And Area Sources, <del>as amended by Supplement B in September, 1989, Supplement C in September, 1990, and Supplement D in September, 1994</del> <u>Fifth Edition, January 1995</u>	NR 438.03(5)(a) NR 489.09(2)(b)

SECTION 102. NR 484.06(1) is amended to read:

NR 484.06(1) The following is a document published in the federal register.

Note: Copies can be made for personal use from the federal register on microfiche, which is available at the department of natural resources library.



TABLE 4A  
FEDERAL REGISTER DOCUMENT REFERENCE

Citation	Title	Incorporated by Reference For
51 FR 43814, Dec. 4, 1986	Emissions Trading Policy Statement; General Principles for Creation, Banking, and Use of Emission Reduction Credits	<u>NR 408.06(1)(d)Note</u> NR 425.05(1)(b)2.

SECTION 103. NR 484.10(1) and (2) are amended to read:

Standard Number	Standard Title	Incorporated by Reference For
NR 484.10(1) <del>AST M C136-92</del> <u>C136-93</u>	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates	NR 415.02(9)
(2) <del>ASTM D97-87</del> <u>D97-93</u>	Standard Test Methods for Pour Point of Petroleum Oils	NR 420.02(41)

SECTION 104. NR 484.10(11) is repealed.

SECTION 105. NR 484.10(12), (17), (23), (24), (26), (29) to (31), (34), (40), (43) to (46), (53), (55) and (56) are amended to read:

Standard Number	Standard Title	Incorporated by Reference For
NR 484.10(12) <del>ASTM D968-81 (1991)</del> <u>D968-93</u>	Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive	ANSI/AHA A135.5-1988
(17) <del>ASTM D1217-91</del> <u>D1217-93</u>	Standard Test Method for Density and Relative Density (Specific Gravity) of Liquids by Bingham Pycnometer	40 CFR part 75 Appendix D
(23) <del>ASTM D1480-91</del> <u>D1480-93</u>	Standard Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Bingham Pycnometer	40 CFR part 75 Appendix D

- |      |  |  |  |
|------|--|--|--|
| (24) | ASTM <del>D1481-94</del> <u>D1481-93</u> | Standard Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Lipkin Bicapillary Pycnometer | 40 CFR part 75 Appendix D  |
| (26) | ASTM <del>D1826-88</del> <u>D1826-94</u> | Standard Test Method for Calorific Value of Gases in Natural Gas Range by Continuous Recording Calorimeter                     | 40 CFR part 60 Appendix A, Method 19<br><br>40 CFR part 75 Appendices E and F<br><br>NR 400.02(43e)                          |
| (29) | ASTM <del>D1989-92</del> <u>D1989-93</u> | Standard Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeters           | NR 439.08(1)(d)  |
| (30) | ASTM D2013-86 (1994)                     | Standard Method of Preparing Coal Samples for Analysis   | 40 CFR part 60 Appendix A, Method 19<br><br>40 CFR part 75 Appendix F<br><br>NR 439.08(1)(b)                                 |
| (31) | ASTM <del>D2015-93</del> <u>D2015-94</u> | Standard Test Method for Gross Calorific Value of Coal and Coke by the Adiabatic Bomb Calorimeter                              | 40 CFR part 60 Appendix A, Method 19<br><br>40 CFR part 75 Appendices A, D, E and F<br><br>NR 400.02(43e)<br>NR 439.08(1)(d) |
| (34) | ASTM <del>D2369-92</del> <u>D2369-93</u> | Standard Test Method for Volatile Content of Coatings  | 40 CFR part 60 Appendix A, Method 24, par. 2.2   |
| (40) | ASTM <del>D2880-89</del> <u>D2880-92</u> | Standard Specification for Gas Turbine Fuel Oils   | NR 420.03(1)(a)  |
| (43) | ASTM <del>D3174-89</del> <u>D3174-93</u> | Standard Test Method for Ash in the Analysis Sample of Coal and Coke from Coal   | 40 CFR part 75 Appendix G<br><br>NR 439.08(1)(e)   |
| (44) | ASTM D3176-89 (1993)                     | Standard Practice for Ultimate Analysis of Coal and Coke   | 40 CFR part 75 Appendices A and F<br><br>NR 439.08(1)(g)   |
| (45) | ASTM D3177-89 (1993)                     | Standard Test Methods for Total Sulfur in the Analysis Sample of Coal and Coke   | 40 CFR part 60 Appendix A, Method 19<br><br>40 CFR part 75 Appendix A<br><br>NR 439.08(1)(c)                                 |

- (46) ASTM D3178-89 (1993) Standard Test Methods for Carbon and Hydrogen in the Analysis Sample of Coal and Coke 40 CFR part 75 Appendix G
- (53) ASTM ~~D4239-93~~ D4239-94 Standard Test Methods for Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods 40 CFR part 60 Appendix A, Method 19  
40 CFR part 75 Appendix A  
NR 439.08(1)(c)
- (55) ASTM ~~E84-91a~~ E84-94 Standard Test Method for Surface Burning Characteristics of Building Materials ANSI/AHA A135.5-1988
- (56) ASTM ~~G23-92~~ G23-93 Standard Practice for Operating Light-Exposure Apparatus (Carbon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials ANSI/AHA A135.5-1988

SECTION 106. NR 484.11(5) is amended to read:

NR 484.11(5) The following is a document from the architectural aluminum manufacturer's association (AAMA).

Note: Copies may be purchased for personal use from:

Architectural Aluminum Manufacturer's Association  
2700 River Road Suite 118  
Des Plaines IL 60018

TABLE 6E  
AAMA DOCUMENT REFERENCE

Document No.	Title	Incorporated by Reference For
AAMA 605.2-85	<del>Architectural Aluminum Manufacturer's Association Publication Number AAMA 605.2-1985</del> <u>Voluntary Specification For High Performance Organic Coatings On Architectural Extrusions and Panels</u>	NR 422.02(41)

SECTION 107. NR 485.04(9)(b) is amended to read:

NR 485.04(9)(b) EPA waiver. Notwithstanding par. (a), the emission limitations for oxides of nitrogen in subs. (2)(c) and (7)(a)3. do not apply if the inspection is conducted in an ozone nonattainment area for which

the administrator has determined, under section 182(b)(1)(A)(i) or (f)(1) of the act (42 USC 7511a(1)(A)(i) or (f)(1)), that oxides of nitrogen emission reductions in the ozone nonattainment area would not contribute to attainment of the ozone ambient air quality standard.

SECTION 108. NR 485.07(3)(c)(intro.) is amended to read:

NR 485.07(3)(c)(intro.) Full tampering inspections may also include a test for the presence of lead deposits in the tailpipe if the vehicle is required to use unleaded gasoline. Evidence of the use of leaded fuel in vehicles requiring the use of unleaded fuel as shown by the presence of lead in the tailpipe, the presence of leaded fuel in the gas tank or evidence of current or previous tampering with the fuel inlet restricter shall constitute tampering with the catalytic converter and the exhaust oxygen sensor if the vehicle originally had that equipment. When evidence of fuel inlet tampering is found, and a tailpipe lead test indicates the absence of lead deposits, DOT or its designee may waive the requirement to repair, replace, or restore the catalytic converter and oxygen sensor equipment, if the following conditions are met:

SECTION 109. NR 488.03(3)(intro.) is amended to read:

NR 488.03(3)(intro.) No person may salvage or dismantle any refrigeration equipment unless all the following conditions are met:

SECTION 110. NR 488.04(1) is amended to read:

NR 488.04(1) REGISTRATION. In order to obtain an annual registration of certification to salvage or dismantle refrigeration equipment, as required under s. NR 488.03 (3) (a), a person shall submit an application on forms supplied by the department along with the fee required under s. NR 488.11, and certify both of the following to the department ~~that:~~

(a) ~~Remaining~~ That remaining ozone-depleting refrigerants will be transferred from each piece of refrigeration equipment into storage tanks using approved refrigerant recovery equipment and procedures which will minimize the release of ozone-depleting refrigerants to the environment; ~~and,~~

(b) ~~Individuals~~ That individuals who use the approved refrigerant recovery equipment have, or are working under the direct supervision of individuals who have, the qualifications required under s. NR 488.08.

SECTION 111. NR 488.05(1)(intro.) is amended to read:

NR 488.05(1)(intro.) CONVEYANCE TO A SCRAP METAL PROCESSOR. Any person who sells, gives or transports refrigeration equipment to a scrap metal processor shall do all of the following:

SECTION 112. NR 488.07(1)(intro.) is amended to read:

NR 488.07(1)(intro.) The department may approve refrigerant recovery equipment if all of the following conditions are met:

SECTION 113. NR 488.11(1)(d)(intro.) and 1. are amended to read:

NR 488.11(1)(d)(intro.) Persons certifying safe transport of refrigeration equipment for the purposes of salvaging or dismantling under s. NR 488.10 shall submit both of the following:

1. An annual, nonrefundable fee of \$75.00, ~~and~~.

SECTION 114. NR 489.02(12), (17) and (22) are amended to read:

NR 489.02(12) "Federal action" means any activity engaged in by a department, agency or instrumentality of the federal government, or any activity that a department, agency or instrumentality of the federal government supports in any way, provides financial assistance for, licenses, permits or approves, other than activities related to transportation plans, programs and projects developed, funded or approved under title 23 USC or the federal transit act (49 USC 1601 ~~et seq.~~ to 1625). Where the federal action is a permit, license or other approval for some aspect of a non-federal undertaking, the relevant activity is the part, portion or phase of the non-federal undertaking that requires the federal permit, license or approval.

(17) "Maintenance area" means any geographic region of the United States previously designated nonattainment pursuant to the 1990 amendments of the act, which took effect November 15, 1990, and

subsequently redesignated to attainment subject to the requirement to develop a maintenance plan under section 175A of the act (42 USC 7505a).

(22) "NEPA" means the national environmental policy act of 1969 (42 USC 4321 ~~et seq.~~ to 4347) as in effect on October 1, 1995.

SECTION 115. NR 489.03(1) and (2)(a) are amended to read:

NR 489.03(1) Conformity determinations for federal actions related to transportation plans, programs and projects developed, funded or approved under title 23 USC or the federal transit act, 49 USC 1601 ~~et seq.~~ to 1625, shall meet the procedures and criteria of the state implementation plan provision adopted under 40 CFR part 51 subpart T in lieu of the procedures ~~set forth~~ in this chapter.

(2)(a) For purposes of this subsection, the following rates apply in nonattainment areas:

	<u>Tons/year</u>
Ozone (VOC or NO <sub>x</sub> )	
Serious nonattainment areas	50
Severe nonattainment areas	25
Extreme nonattainment areas	10
Other ozone nonattainment areas outside an ozone transport region	100
<u>Marginal Rural transport, marginal and moderate nonattainment areas inside an ozone transport region</u>	
VOC	50
NO <sub>x</sub>	100
Carbon monoxide	
All nonattainment areas	100
SO <sub>2</sub> or NO <sub>2</sub>	
All nonattainment areas	100
PM <sub>10</sub>	
Moderate nonattainment areas	100
Serious nonattainment areas	70
Pb	
All nonattainment areas	25

SECTION 116. NR 493.04(2) is amended to read:

NR 493.04(2) Emission control action programs as required under sub. (1) shall be in writing and show the source of air contamination, the approximate amount of reduction of contaminants, the approximate time

required to ~~effect~~ put the program into effect, a brief description of the manner in which the reduction will be achieved during each stage of an air pollution episode declared under s. NR 493.03(2), and such other information as the department deems pertinent.

SECTION 117. NR 499.02(9) is repealed.

SECTION 118. NR 499.04(2)(b)1., (c) and Note are amended to read:

NR 499.04(2)(b)1. Any facility that does not have an air pollution control device shall employ at least one shift operator ~~or interim shift operator~~.

(c) The owner shall notify the department in writing of the appointment of an interim chief facility operator within 10 business days of the appointment. This appointment is valid for 6 months and ~~maybe~~ may be renewed. Any request for renewing an interim chief facility operator appointment shall be in writing and filed with the department at least 30 days prior to expiration of the 6 month period. The department may deny a request for renewal if the department determines that inadequate attempts have been made to hire a permanent chief facility operator.

Note: All submissions under this chapter shall be mailed to the:

Department of Natural Resources  
Office of Technical Services, Operator Certification  
PO Box 7921  
Madison WI 53707-7921

All ~~applications~~ application forms required under this chapter may be obtained from this address.

SECTION 119. NR 499.06(intro.) and (1)(c) are amended to read:

NR 499.06 CERTIFICATION LEVELS. (intro.) There are ~~32~~ different certification levels established under this chapter, namely: chief facility operator, and shift operator ~~and interim shift operator~~. The duties and responsibilities of these persons or positions for the purpose of determining the level of certification required for these persons are as follows:

(1)(c) Ensuring that shift operators ~~and interim shift operators~~ are trained and certified as required under this chapter, and are familiar with applicable federal, state and local environmental regulations.

SECTION 120. NR 499.06(3) is repealed.

SECTION 121. NR 499.07(3) is repealed.

SECTION 122. NR 499.07(4) is renumbered 499.07(3) and amended to read:

NR 499.07(3) REPORTING. Within 30 days of the end of an approved training program the department shall be notified of all those who completed the approved training program ~~and their examination scores.~~

SECTION 123. NR 499.08(2)(c) is repealed.

SECTION 124. NR 499.08(2)(d) is renumbered 499.08(2)(c).

SECTION 125. NR 499.08(2)(e) is renumbered 499.08(2)(d) and amended to read:

NR 499.08(2)(e) A procedure for reporting as specified in s. NR 499.07(4)(3).

SECTION 126. NR 499.08(2)(f) is renumbered 499.08(2)(e).

SECTION 127. NR 499.09(1)(a)1. and (2)(a) and (b) are amended to read:

NR 499.09(1)(a)1. Complete an approved training program ~~within one year prior to the date of application for the written examination.~~

(2)(a) Written examinations shall be ~~conducted weekdays at least 3 times annually at 2 different locations in the state~~ administered at the conclusion of approved training programs or at other times set by the department.



(b) Written examinations may not be given to persons who did not apply at least 30 days prior to the examination date, who fail to identify themselves on request, who fail to pay the required fees, or who fail to complete an approved training program within one year prior to ~~applying for the written examination date.~~

SECTION 128. NR 499.09(3)(a) is renumbered 499.09(3).

SECTION 129. NR 499.09(3)(b) is repealed.

SECTION 130. NR 499.12(1) is amended to read:

NR 499.12(1) The department may suspend or revoke any operator's certificate if the department finds that the operator failed to comply with any of the following:

- (a) ~~Failed to comply with~~ With ss. 144.30 to 144.426, Stats., or rules promulgated under those sections;  
or
- (b) ~~Failed to comply with~~ With conditions of operation made applicable to a facility by the department.

#### SECTION 131. TERMINOLOGY CHANGES.

Wherever the term "administrator of the U.S. environmental protection agency" appears in the following sections of the code, the term "administrator" is substituted: NR 400.02(39m), 408.03(4), 408.05(2)(a), 419.05(2), 420.03(8), 420.04(3)(c)2., 422.04(1)(c), (2)(d) and (3)(c), 422.14(2)(c)3., 423.04(2), 424.04(2), 425.03(13)(c)1., 2. and 3., 425.04(4), 425.05(1)(c), (d)1. and (3)(c)1., 436.04(2)(e) and (g)5. and 439.06(intro.).

Wherever the term "federal clean air act" or "clean air act" appears in the following sections of the code, the term "act" is substituted: NR 404.05(3)(intro.) and (4)(intro.), 408.02(13), (20)(intro.) and (e)8.a., (21)(b)1.c., (24)(b)(intro.), (30)(a), (31), 408.03(7), 408.06(9), 408.08(1), 409.12(4)(a)6.b. and 445.05(6)(a)2.(intro.) and 3.(intro.).

Wherever the term "; and" or the term "; or" appears at the end of a rule subunit in the following sections of the code a period is substituted: NR 404.04(8)(b)1. and 2., 405.02(2)(b), (9)(a), (21)(b)9.a., (22)(a)2., (24)(a)1. and (f)2., (24m)(c), 405.03(3)(a), 405.04(4)(c)1., 405.05(2)(d) and (4)(a), 405.07(4)(c)1., 2. and 3. and (8)(a)13. and (b), 405.09(1), 405.12(3)(a), 405.14(5)(b) and (6)(b), 405.17(2)(d)2. and 3. and (3)(a) and (b), 406.04(1)(a)4., (i)1.a., (m)8., (n)1. and 2.b., (4)(d)3. and (e)1., (5)(a)3. and (6)(b), 406.11(1)(e), 407.02(22)(b)3., 407.03(2)(f), 407.09(4)(a)3.d. and (5)(b)3., 407.10(2)(d) and (6)(a)1. and (d), 407.12(1)(c) and (d)1. and (4)(b)2., 407.15(6), 408.02(8)(a), (19)(a), (20)(e)9.a., (21)(a)2., (23)(a)1. and (e)2., (24)(b)2., (27)(c), (30)(a), 408.07(2), 409.08(2)(d), 409.09(2)(a)1.b. and (d)4.f., 409.10(1)(a)2., 409.12(2)(a)2. and (b)3., (4)(a)9., (5)(a) and (6)(b)2., 417.07(8)(d)2., 420.03(3)(b)1., (4)(b)1. and 2., (5)(b)3., 4.a., b. and

c., 5., 6. and 7.a., (6)(b)1., 2.b. and c., 3.a. and b., 4., 5., 6., 7., 8., and 9.a., 420.04(1)(b)1.a. and b., 2. and 3., (2)(d)1., 2., 3., and 4., (3)(c)1., (f)1., (g)1. and (i)1., 2., 3. and 4. and (4)(b)6.a., 420.045(1)(d)1.b. and 2.c., (3)(c), (4)(b)10., (5)(a)5., (6)(a)3., (7)(a)1.a. and 2.a. and (b)1.a., (8)(b)4. and (e)3. and 4. and (10)(a), 420.05(1)(b)1., (2)(b)1., (3)(b)1., 2., and 3.a., (4)(b)1.a., (c)1.b., 2.b., 3.c. and 4.c. and (e)9., 421.04(3)(a)2. and (b)3., 423.03(2)(a)1. and (b)1. and 2., (3)(a), (b)1., 2. and 3., (c), (d)1., 2. and 3., (e), (f), (g)1., 2., 3. and 4., (h)1., 2. and 3. and (i), (4)(g)1., 2., 3. and 4., (5)(f)1. and 2., (6)(a)6., 7. and 8., (7)(a), (b), (c) and (d)3., 423.04(3)(a)2. and (f), 424.03(3)(a), 425.03(3)(c)3., (11)(b)1. and (13)(b)2.a. and b., 425.035(2)(e) and (3)(e)2., 425.05(1)(a)1.a. and b., 2. and 3., (b)1. and 2., (d)1. and (e)1. and (2)(a)1. and 2. and (b)1. and 2., (3)(c)1., 431.07(2)(a)1., 436.05(4)(b), 436.06(1)(a), (b), (c), (d), (e) and (f), (3)(b)1. and 2. and (4)(b)1., 439.04(1)(c), (4)(d), (5)(b)1., (c)2., (d)1.a. and (e)8., 439.075(4)(a)1.a., b. and c., 439.095(5)(a)2.a., 485.07(3)(c)1., 488.03(3)(b), 488.05(1)(a), 488.06(1)(c), 488.07(1)(b) and 488.10(2)(a).

---

The foregoing rule was approved and adopted by the State of Wisconsin Natural Resources Board on February 28, 1996.

Sections 1 through 3 shall take effect on July 1, 1996. Sections 4 through 131 shall take effect the first day of the month following publication in the Wisconsin administrative register as provided in s. 227.22(2) (intro.), Stats.

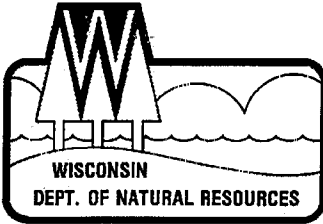
Dated at Madison, Wisconsin

*April 2nd, 1996*

STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES

By *George E. Meyer*  
George E. Meyer, Secretary

(SEAL)



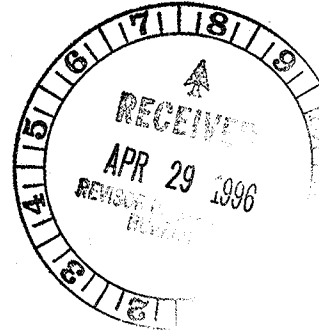
State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary

Box 7921  
101 South Webster Street  
Madison, Wisconsin 53707-7921  
TELEPHONE 608-266-2621  
FAX 608-267-3579  
TDD 608-267-6897

April 22, 1996

Mr. Gary L. Poulson  
Assistant Revisor of Statutes  
131 West Wilson Street - Suite 800  
Madison, WI



Dear Mr. Poulson:

Enclosed are two copies, including one certified copy, of State of Wisconsin Natural Resources Board Order No. AM-45-95. These rules were reviewed by the Assembly Committee on Environment and Utilities and the Senate Committee on Environment and Energy pursuant to s. 227.19, Stats. Summaries of the final regulatory flexibility analysis and comments of the legislative review committees are also enclosed.

You will note that this order takes effect following publication. Kindly publish it in the Administrative Code accordingly.

Sincerely,

George E. Meyer  
Secretary

Enc.