

15A NCAC 2D .1422 COMPLIANCE SUPPLEMENT POOL CREDITS

(a) Purpose. The purpose of this Rule is to regulate North Carolina's eligibility for and use of the Compliance Supplement Pool under 40 CFR 51.121(e)(3).

(b) Eligibility. Sources covered under Rule .1416 of this Section may earn Compliance Supplement Pool Credits for those nitrogen oxide emissions reductions required by Rule .1416 of this Section that are achieved during the ozone season after September 30, 1999 and are demonstrated using baseline and current emissions determined according to 40 CFR Part 75 before May 1, 2003, and are beyond the total emission reductions required under 40 CFR Part 76 or any other provision of the federal Clean Air Act.

(c) Credits. The Compliance Supplement Pool Credits earned under this Rule shall be tabulated in tons of nitrogen oxides reduced per ozone season. The control device, modification, or change in operational practice that enables the combustion source or sources to achieve the emissions reductions shall be permitted. The facility shall provide the Division of Air Quality with written notification certifying the installation and operation of the control device or the modification or change in operational practice that enables the combustion source or sources to achieve the emissions reduction. Only emission reductions that are beyond emission reductions required under 40 CFR Part 76 or any other provision of the federal Clean Air Act are creditable Compliance Supplement Pool Credits. Credits are counted in successive seasons through May 1, 2003. Seasonal credits shall be recorded in a Division of Air Quality database and will accumulate in this database until May 1, 2003. At that point a cumulative total of all the Compliance Supplement Pool Credits earned during the entire period shall be tabulated. These credits will then be available for use by the State of North Carolina to achieve compliance with the State ozone season NOx budget.

(d) Requesting credits. In order to earn Compliance Supplement Pool Credits, the owner or operator of the facility shall provide the following written documentation to the Director before January 1, 2003.

- (1) the combustion source or sources involved in the emissions reduction;
- (2) the start date of the emissions reduction;
- (3) a description of the add-on control device, modification, or change in operational practice that enables the combustion source or sources to achieve the emissions reduction;
- (4) the current and baseline emissions of nitrogen oxides of the combustion source or sources involved in this reduction in terms of tons of nitrogen oxides per season;
- (5) the amount of reduction of emissions of nitrogen oxides achieved by this action in tons of nitrogen oxides per season per combustion source involved;
- (6) the total reduction of nitrogen oxides achieved by this action in tons of nitrogen oxides per season for all the combustion sources involved;
- (7) a demonstration that the proposed action has reduced the emissions of nitrogen oxides from the combustion sources involved by the amount specified in Subparagraphs (d)(5) and (d)(6) of this Rule; and
- (8) a description of the monitoring, recordkeeping, and reporting plan used to ensure continued compliance with the proposed emissions reduction activity; continuous emissions monitors shall be used to monitor emissions.

(e) Approving requests. Before any Compliance Supplement Pool Credits can be allocated, the Director shall have to approve them. The Director shall approve credits if he finds that:

- (1) early emissions reductions are demonstrated using baseline and current emissions determined according to 40 CFR Part 75 to be beyond the reductions required under 40 CFR Part 76, Acid Rain Nitrogen Oxides Emission Reduction Program and any other requirement of the federal Clean Air Act;
- (2) the emission reductions are achieved after September 30, 1999, and before May 1, 2003, and
- (3) all the information and documentation required under Paragraph (d) of this Rule have been submitted.

The Director shall notify the owner or operator of the source and EPA of his approval or disapproval of a request and of the amount of Compliance Supplement Pool Credits approved. If the Director disapproves a request or part of a request, he shall explain in writing to the owner or operator of the source the reasons for disapproval.

(f) Compliance supplement pool. The Director shall verify that the Compliance Supplement Pool Credits do not exceed a statewide total of 10,737 tons for all the ozone seasons of the years 2003, 2004, and 2005.

(g) Interim report. The owner or operators of the facility shall submit to the Director by January 1, 2001 and January 1, 2002 an interim report that contains the information in Paragraph (d) of this Rule for the previous ozone season.

(h) Recording credits. Based on the interim reports submitted under Paragraph (g) of this Rule, the Division shall record the Compliance Supplement Pool Credits earned under this Rule in a central database. The Division of Air Quality shall maintain this database. These credits shall be recorded in tons of emissions of nitrogen oxides reduced per season with the actual start date of the reduction activity. Based on the final formal request submitted under Paragraph (d) of this Rule

as approved under Paragraph (e) of this Rule, the Director shall finalize the Compliance Supplement Pool Credits earned and record the final earned credits in the Division's database. .

(i) Use of credits. Final earned Compliance Supplement Pool Credits shall be available for Carolina Power & Light Co. and Duke Power Co. to use in 2003. The allocations of Carolina Power & Light Co.'s sources and Duke Power Co.'s sources in Rule .1416 of this Section shall be reduced for 2004 or 2005 by the amount of Compliance Supplement Pool Credits used in 2003 using the procedures in Paragraph (k) of this Rule. Compliance Supplement Pool Credits not used in 2003 shall be available for use by the Director of the Division of Air Quality to offset excess emissions of nitrogen oxides in order to achieve compliance with the North Carolina ozone season NOx budget after May 30, 2004, but no later than September 30, 2005. The credits shall be used on a one for one basis, that is, one ton per season of credit can be used to offset one ton, or less, per season of excess emissions to achieve compliance with the requirements of Rule .1416 or .1417 of this Section. All credits shall expire and will no longer be available for use after November 30, 2005.

(j) Reporting. The Director shall report:

- (1) to the EPA, Carolina Power & Light Co. and Duke Power Co. by:
 - (A) March 1, 2003 the Compliance Supplement Pool Credits earned by Carolina Power & Light Co. and by Duke Power Co.; and
 - (B) March 1, 2004 the reductions in allocations calculated under Paragraphs (k) and (l) of this Rule; and
- (2) to the EPA by:
 - (A) December 1, 2003, the Compliance Supplement Pool Credits used beginning May 1 through September 30, 2003;
 - (B) December 1, 2004, the Compliance Supplement Pool Credits used beginning May 31 through September 30, 2004; and
 - (C) December 1, 2005, the Compliance Supplement Pool Credits used beginning May 1 through September 30, 2005.

(k) Using Compliance Supplement Pool Credits in 2003. Carolina Power & Light Co. and Duke Power Co. may use Compliance Supplement Pool Credits in 2003. If they do use Compliance Supplement Pool Credits in 2003, then the allocations for their sources in Rule .1416 of this Section shall be reduced for 2004 or 2005 by the amount of Compliance Supplement Pool Credits used in 2003. Before the Director approves the use of Compliance Supplement Pool Credits in 2003, the company shall identify the sources whose allocations are to be reduced to offset the Compliance Supplement Pool Credits requested for 2003 and the year (2004 or 2005) in which the allocation is reduced. The Director shall approve no more than 4,295 tons for Carolina Power & Light Co. and no more than 6,442 tons for Duke Power Co. The Director shall approve no more than 5,771 tons being offset by reductions in allocations in 2004 and no more than 4,966 tons being offset by reductions in allocations in 2005.

(l) Failure to receive sufficient credits. If the sum of Compliance Supplement Pool Credits received by Carolina Power & Light Co. and Duke Power Co. are less than 10,737 tons, the following procedure shall be used to reduce the allocations in Rule .1416 of this Section:

- (1) If the Compliance Supplement Pool Credits received by Carolina Power & Light Co. are less than 4,295 tons, and the Compliance Supplement Pool Credits received by Duke Power Co. are greater than or equal to 6,442 tons, the allocation for Carolina Power & Light Co.'s sources shall be reduced by the amount obtained by subtracting from 10,737 tons the sum of Compliance Supplement Pool Credits received by Carolina Power & Light Co. and Duke Power Co. The allocations of Carolina Power & Light Co.'s sources shall be reduced using the procedure in Subparagraph (4) of this Paragraph.
- (2) If the Compliance Supplement Pool Credits received by Duke Power Co. are less than 6,442 tons, and the Compliance Supplement Pool Credits received by Carolina Power & Light Co. are greater than or equal to 4,295 tons, the allocation for Duke Power Co.'s sources shall be reduced by the amount obtained by subtracting from 10,737 tons the sum of Compliance Supplement Pool Credits received by Carolina Power & Light Co. and Duke Power Co. The allocations of Duke Power Co.'s sources shall be reduced using the procedure in Subparagraph (4) of this Paragraph.
- (3) If the Compliance Supplement Pool Credits received by Carolina Power & Light Co. are less than 4,295 tons, and the Compliance Supplement Pool Credits received by Duke Power Co. are less than 6,442 tons:
 - (A) The allocation for Carolina Power & Light Co.'s sources shall be reduced by the amount obtained by subtracting from 4,295 tons the Compliance Supplement Pool Credits received by Carolina Power & Light Co. The allocations of Carolina Power & Light Co.'s sources shall be reduced using the procedure in Subparagraph (4) of this Paragraph; and

- (B) The allocation for Duke Power Co.'s sources shall be reduced by the amount obtained by subtracting from 6,442 tons the Compliance Supplement Pool Credits received by Duke Power Co. The allocations of Duke Power Co.'s sources shall be reduced using the procedure in Subparagraph (4) of this Paragraph.
- (4) When the allocations in Rule .1416 of this Section for Carolina Power & Light Co.'s sources or for Duke Power Co.'s sources are required to be reduced, the following procedure shall be used:
 - (A) If the reduction required is less than or equal to 4,966 tons, then following procedure shall be used:
 - (i) The allocation of all sources listed in Rule .1416 of this Section for 2005 for Carolina Power & Light Co. or Duke Power Co. are summed.
 - (ii) The reduction required under Subparagraph (1), (2), or (3) of this Paragraph is subtracted from the sum computed under Subpart (i) of this Part.
 - (iii) The allocation of each source listed in Rule .1416 of this Section for 2005 for Carolina Power & Light Co. or Duke Power Co. is multiplied by the value computed under Subpart (ii) of this Part and divided by the value computed under Subpart (i) of this Part. The result is the revised allocation for that source.
 - (B) If the reduction required is more than 4,966 tons, then the following procedure shall be used:
 - (i) The reduction for the allocations for 2005 is determined using the procedure under Part (A) of this Subparagraph and substituting 4,966 as the reduction required under Subpart (A)(ii) of this Subparagraph.
 - (ii) The reduction for the allocations for 2004 shall be determined using the following procedure:
 - (I) The reduction required under Subparagraph (1), (2), or (3) of this Paragraph is subtracted from 4,966.
 - (II) The allocations of all sources listed in Rule .1416 of this Section for 2004 for Carolina Power & Light Co. or Duke Power Co. for 2004 are summed.
 - (III) The allocation of each source listed in Rule .1416 of this Section for 2004 for Carolina Power & Light Co. or Duke Power Co. is multiplied by the value computed under Sub-Subpart (I) of this Subpart and divided by the value computed Sub-Subpart (II) of this Subpart. The result is the revised allocation for that source
- (m) If allocations are reduced in 2004 or 2005 for Carolina Power & Light Co. or Duke Power Co. under Paragraph (k) or (l) of this Rule, the company whose allocations are reduced shall reduce its allocations by returning allowances through the use of allowance transfers to the State following the procedures in 40 CFR Part 96. These allowances shall be retired.

*History Note: Authority G.S. 143-215.3(a)(1);143-215.65; 143-215.66; 143-215.107(a)(5), (7), (10);
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