

**Attachment 17**  
**Supplemental Environmental Projects (SEPs)**

**A. General Conditions**

1. These Supplemental Environmental Projects (SEPs) will include a schedule for development and implementation and will proceed independently, according to the planned schedule. Nucor agrees to report to EPA on a quarterly basis on the progress of its implementation of these SEPs in accordance with Section XIV of this Consent Decree (Recordkeeping and Reporting). However, Nucor agrees that it will report as soon as practicable any information obtained during development or implementation of any of these SEPs which would materially affect the success of each SEP.

2. As a component of this SEP, Nucor shall provide EPA with a summary of its continuous emissions monitoring system (CEMS) data as part of its quarterly report, unless otherwise required herein, and as required by the various provisions of this Consent Decree, accordance with Section XIV.

3. Nucor may submit a request to EPA for approval of any proposed changes to these approved SEPs, and EPA shall have fifteen (15) business days to respond to the request. Resolution of any disputes arising in the context of Nucor's SEP implementation will be handled in accordance with Section XX (Dispute Resolution) of this Consent Decree.

4. In the first quarterly report following completion of each SEP, Nucor shall submit to EPA for approval a report containing the following information:

a. a narrative description of the development and/or implementation of the SEP;

b. a certification that the SEP was installed and/or operated as required by Paragraph C(3) of this Attachment;

c. a certification that the SEP has been completed in accordance with the plans set forth in Sections B and C below, or as modified with EPA approval.

5. Each SEP must be implemented in conformance with all federal, state and local laws.

**B. Continuous Emissions Monitoring Systems (CEMS)  
Installation and Operation**

1. Within 30 days of commencement of full-time operations of the control technology system required by this Consent Decree, but in no event later than three (3) months from startup and shake-down, Nucor shall install, certify and quality assure in accordance with Appendix F, 40 CFR Part 60, and shall thereafter operate CEM on each unit subject to this Consent Decree.

2. The CEMS shall monitor the following pollutants, unless otherwise required by this Consent Decree: Nitrogen Oxides (NOx), Carbon Monoxide (CO), as well as water content and flow rate.

3. Nucor shall continue to operate these controls through the termination of this Consent Decree.

4. Where appropriate, Nucor shall incorporate the performance requirements for operation of these CEMS into each facility's Title V permit at the time it applies for its Title V permit or requests a modification to an existing Title V permit.

**C. Community Based SEPs:**

1. Within 120 days of entry of this Consent Decree, Nucor shall provide EPA with its proposed schedule for implementation of the community-based SEPs. The SEPs shall include at least three (3) of the following projects:

- a. Wind mill power generation;
- b. Solid waste recycling days;
- c. Creation of wetland "buffer zones";
- d. Emergency equipment donations;
- e. Sanitary sewer line expansion;

f. Community facility asbestos abatement projects;  
or

g. Up to \$50,000 for community-based recycling education projects.

2. Upon EPA's approval of the proposed SEPs, Nucor shall provide notification to the appropriate state and local governments.

3. Nucor shall provide EPA with certification that each of the proposed community-based SEPs has been completed in accordance with the approved schedule.