

## Reporting Guidance for the NO<sub>x</sub> Budget Program

June 2003

### Background

In 2003, many sources affected by the NO<sub>x</sub> Budget Program will report NO<sub>x</sub> mass emissions and heat input data to EPA for the first time. Some of these sources are required to report these data on a year-round basis (e.g., Acid Rain Program units), and others will elect to report year-round. In 2003, EPA anticipates that some of these first-time reporters who have completed their monitor certifications early (i.e., prior to the May 1, 2003 deadline) will begin reporting NO<sub>x</sub> mass and heat input data in the first quarter of the year. Other sources may wait until the second quarter of 2003 to begin reporting NO<sub>x</sub> mass and heat input—and among these sources, some may start reporting in April, 2003, while others will wait until May 1, 2003 when the ozone season begins. In view of this, special reporting instructions are needed in 2003 for EDR record type 307 (“Cumulative NO<sub>x</sub> Mass Emissions Data”), as it pertains to year-round reporters. These instructions are presented below. In addition, a summary of the compliance requirements for NO<sub>x</sub> Budget sources in 2003 through 2005 is provided.

### Special Instructions for EDR Record Type 307 (Year-Round Reporters)

For non Acid-Rain, Subpart H affected sources that report on a quarterly (i.e., year-round) basis and begin to report hourly NO<sub>x</sub> tons and heat input data in the first quarter of 2003 in order to have a complete data record for 2003, follow the EDR version 2.1 or 2.2 Reporting Instructions to determine the appropriate “reporting period”, “cumulative ozone season” and “cumulative annual” values of NO<sub>x</sub> tons, heat input and operating hours to report in columns 18 through 87 of RT 307. That is:

- C For the 1st quarter report, populate the reporting period and cumulative annual fields for NO<sub>x</sub> tons, heat input (unless exempted by State SIP), and total operating hours according to the EDR Instructions. Leave all cumulative ozone season fields in RT 307 blank.
- C For the second and third quarter reports, populate all of the reporting period, cumulative ozone season, and cumulative annual fields (except for heat input, if exempted by State SIP) according to the EDR Instructions.
- C For the fourth quarter report, populate all reporting period and cumulative annual fields (except for heat input, if exempted by State SIP) according to the EDR Instructions. The cumulative ozone season fields will contain the same values that were reported in the 3rd quarter RT 307.

For Subpart H affected sources (this includes Subpart H-only units as well as existing Acid Rain Program units) that report on a quarterly (year-round) basis but do not begin reporting NO<sub>x</sub> mass emissions and heat input data until the second quarter of 2003:

- C For the second and third quarter reports:
- (a) If the unit is Acid Rain-affected, populate all of the reporting period, cumulative ozone season, and cumulative annual fields in RT 307, except for columns 77 and 87, as follows:
    - (1) For the operating hours fields (columns 58 and 62), heat input fields (columns 38 and 48), and the cumulative ozone season NO<sub>x</sub> tons field (column 28) follow the EDR Instructions.
    - (2) For the cumulative annual NO<sub>x</sub> tons field (column 67), report only the total NO<sub>x</sub> mass emissions from the date on which NO<sub>x</sub> mass was first reported.(note that some sources may begin reporting data in April and others may begin on May 1).
  - (b) If the unit is not Acid Rain-affected, populate all of the reporting period, cumulative ozone season, and cumulative annual fields in RT 307 (except for heat input fields, if exempted by the SIP), as follows:
    - (1) In the second quarter report, reckon the reporting period values of NO<sub>x</sub> tons, heat input and operating hours (columns 18, 38 and 58) from the date and hour on which these data were first reported.
    - (2) In the third quarter report, follow the EDR Instructions for all reporting period values (columns 18, 38 and 58).
    - (3) In both the second and third quarters, follow the EDR Instructions for the cumulative ozone season fields (columns 28, 48 and 62).
    - (4) In both the second and third quarter reports, reckon the appropriate values for the cumulative annual fields (column 67 and (if applicable) columns 77 and 87) from the date and hour on which NO<sub>x</sub> mass, heat input and operating data were first reported.
- C For the fourth quarter report, follow the EDR Instructions for all reporting period values and cumulative ozone season values. Once again, reckon the appropriate values for the cumulative annual fields (columns 67, 77 and 87) from the date and hour on which NO<sub>x</sub> mass, heat input and operating data were first reported.

Compliance with allowance holding requirements for the NO<sub>x</sub> Budget Trading Program will be determined in 2003 only for the units that are located in a State that was part of the OTC NO<sub>x</sub> Budget Trading Program (see list below.)

#### NO<sub>x</sub> Compliance in 2004

Compliance with allowance holding requirements for the NO<sub>x</sub> Budget Trading Program will be determined for all affected units in 2004. However, there are slight differences in the compliance period for this year, for units that are located in States that were not part of the OTC NO<sub>x</sub> Budget Trading Program. For sources in these States, the compliance period in 2004 is May 31<sup>st</sup> through September 30<sup>th</sup>. Sources in States that were part of the OTC NO<sub>x</sub> Budget Trading Program have a compliance period of May 1<sup>st</sup> through September 30<sup>th</sup> (see list below) in 2004.

To ensure that the differences in compliance periods are handled with minimal impact upon both the affected sources and the Emissions Tracking System (ETS), a new field will be added to the feedback table for the 2004 compliance period that indicates the values to be used for compliance. Sources should continue to report hourly and cumulative (both ozone season and annual) NO<sub>x</sub> tons and Heat Input as indicated in the EDR Reporting Instructions. However, ETS will calculate and present in the feedback an EPA accepted value based upon the State-specific compliance period.

#### NO<sub>x</sub> Compliance in 2005

Beginning in 2005, all sources will have a compliance period of May 1<sup>st</sup> through September 30<sup>th</sup>.

### **2003 State Compliance Periods**

#### May 1<sup>st</sup> through September 30<sup>th</sup>

Connecticut  
District of Columbia  
Delaware  
Maryland  
Massachusetts  
New Jersey  
New York  
Pennsylvania  
Rhode Island

### **2004 State Compliance Periods**

May 1<sup>st</sup> through September 30<sup>th</sup>

Connecticut  
District of Columbia  
Delaware  
Maryland  
Massachusetts  
New Jersey  
New York  
Pennsylvania  
Rhode Island

May 31<sup>st</sup> through September 30<sup>th</sup>

Alabama  
Illinois  
Indiana  
Kentucky  
Michigan  
North Carolina  
Ohio  
South Carolina  
Tennessee  
Virginia  
West Virginia

**2005 State Compliance Periods**

May 1<sup>st</sup> through September 30<sup>th</sup>

All SIP-affected sources in all states