

Mid-Atlantic and Northeastern Class I Areas Consultation

Reasonable Progress Workgroup Conference Call

Draft Minutes

January 5, 2007

11:00 to 12:50 pm EST

Attendees:

- Diana Rivenburgh of New York
- Jeff Crawford of Maine
- Tom Downs of Maine
- Paul Wishinski of Vermont
- Jack Sipple of Delaware
- Andy Heltibridle of Maryland
- Ray Papalski of New Jersey
- Doug Austin of OTC
- Anna Garcia of OTC
- Ann Acheson of USFS
- Kurt Keschull of Connecticut
- Steve Dennis of Massachusetts
- Karen Slattery of Rhode Island
- Andy Bodnarik of New Hampshire
- Gary Kleiman of NESCAUM
- Dennis Lohman of EPA Region III
- Bob Kelly of EPA Region II
- Anne McWilliams of EPA Region I
- Neil Beloin of EPA Region I
- Mike Koerber of LADCO
- Pat Brewer of VISTAS
- Arthur Werner of MACTEC and other Project Staff
- Susan Wierman, Pat Davis, and Angela Crenshaw of MARAMA

Agenda Items

General Overview: The main focus of this call was reviewing the charge to the Reasonable Progress Workgroup Committee, reviewing the schedule for the Reasonable Progress Goals Project, discussing the way in which key sources and sources categories will be determined, and reviewing the modeling proposed approach including which control scenarios will be evaluated.

Draft Charge to the Reasonable Progress Goals Workgroup: Wierman noted that the MANE-VU Air Directors agreed to the idea of having a Reasonable Progress Workgroup. Wierman reviewed the Draft Charge to the Reasonable Progress Goals Workgroup document and inquired about EPA finalizing their guidance document. The guidance document had not been finalized but MANE-VU intended to follow the draft. Wierman stated that MACTEC was hired as the contractor for assessing the four statutory factors. Then the schedule for the project was reviewed and emphasis was placed on the need for a timely review of draft work products so that comments can be submitted to

MACTEC on time and the project could stay on track. For clarification Kleiman stated that the analysis should give information about important measures for improving visibility and there is no need to repeat work that has already been completed.

Determining Key Sources and Sources Categories: Davis described the list of Draft Top SO₂ Emitters list that was sent out saying that it is the top emitters based on processes (parts of units) not summed up facility totals. It was stated that Sipple, Davis, and Wishinski would work together to compile a more complete source list. MACTEC needs to document and cite the work that has already been done and then figure out the costs and other factors that go along with control measures.

It was clarified that 2002 is the baseline year. Sabo of MACTEC inquired about what should be done with sources that have put on significant controls since 2002 (such as Motiva). Koerber stated that LADCO eliminated all facilities subject to BART and all EGUs and non-EGUs that have consent agreements, this cut their list of specific sources to analyze to 10 sources. Wierman inquired if this approach was reasonable for MANE-VU. Workgroup members stated that it was reasonable.

It was stated that LADCO has a longer list of source categories compared to MANE-VU. MACTEC was tasked to look at the list of sources VISTAS and LADCO are analyzing and see if MANE-VU needs to add any additional sources to its list. Sipple stated that primary metal production should be added as a source because there is a large source located in Missouri that impacts MANE-VU. Davis stated that he would check the inventory for the source and contact CENRAP to see if it has any controls in place.

It was also agreed that ICI boilers will be broken down to individual groups (industrial, commercial, and home) for the analysis. It was stated that Bodnarik of New Hampshire would be a good source of information of MACTEC in this category.

The process for gathering information was discussed and Koerber recommended that if information is needed about a source outside MANE-VU, begin with contacting the state Air Director and that MACTEC can work with LADCO. Wierman agreed with the idea of a multi-pronged effort and that once a source list is agreed upon, MARAMA will send information to LADCO and the Air Directors and then MACTEC can contact the Air Directors directly.

Key Pollutants: Koerber stated that LADCO is looking at ammonia and asked if MANE-VU should as well. Wierman said sulfate, organic carbon, and wood smoke are significant sources according to the MANE-VU contribution assessment. It was stated that Class I areas in rural areas were the most impacted by wood smoke from residential wood combustion. It was agreed that since the contribution assessment said the dominant visibility impairing pollutants in the region are sulfate, organic carbon, and wood smoke, and organic carbon was believe to be dominated by natural sources, MANE-VU would stick with analyzing sulfate sources and wood smoke.

Control Measures: Wierman asked if any source controls not considered by OTC should be highlighted. It was agreed that a cost analysis of decreasing sulfur fuels to 15 and 500 ppm is vital to the project.

Outdoor wood boilers in the MANE-VU region were brought up and Sabo stated that he had information on the topic and NESCAUM is currently working on a model rules for outdoor wood boilers. Papalski stated that Washington and Oregon have a lower standard for fireplace inserts and woodstoves than EPA and as a group we should look into wood stove change-out programs. Papalski suggested that at a minimum, we should be looking at fireplace inserts and woodstoves in the reasonable progress analysis under the category residential wood combustion and open burning.

Modeling: Wishinski gave a review of the modeling work that has been done. There seemed to be some confusion about what sources were included so it was agreed that a short explanation document about the modeling that was done will be written along with a revised version of the top 100 sources.

NESCAUM is working on a 2018 run and a supplement BOTW-2 run which includes additional SO₂ reductions. It was stated that Kleiman will discuss the modeling proposal with the TSC. The list of which states have limits on heating oils varies, but NESCAUM has a list which will be circulated. Some states said that if it's a regional agreement they will agree to the changes as well.

Papalski stated that an analysis of the latest IPM run is needed along with a list of additional control measures. Kleiman agreed and stated that unit cost and other information is needed as well.

Next steps: The next Reasonable Progress Workgroup Call is scheduled for Friday, January 12, 2007 at 11am and it is agreed that one MACTEC representative will be on the call.

Wishinski, Sipple, and Davis will continue working on the modeling and modeling inputs so that individual sources with the most impact on Class I areas can be chosen. Davis will also do a short write-up regarding how the sources were chosen and what modeling was used.

Davis stated that he would check the inventory for the large Missouri primary metal production source and contact CENRAP to see if it has any controls in place.

MACTEC was tasked to look at the list of sources VISTAS and LADCO are analyzing and see if MANE-VU needs to add any other sources to its list.

Crenshaw will type up a summary and circulate it before it is posted on the MARAMA website. Crenshaw will also contact NESCAUM for a list of state heating oil limits.