

DOCKET
93-AFC-2

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REPORT OF CONVERSATION

DATE: JAN 14 1994

Procter & Gamble

RECD: JAN 14 1994

Meeting/Location

Telephone

Meeting/Location

NAME Neil Wheeler DATE 1/14/94 TIME 7:45 am

WITH ARB PHONE 324-7167
area code/number

ADDRESS _____

SUBJECT(s) Urban Air Shed Model - interpollutant trading ratio

COMMENTS:

Neil Wheeler works in Ranzieri's (324-4069) group. Mr Wheeler is preparing the urban air shed model for ozone for the local air basin. ARB is planning to have all the control runs done by March 1994. A preliminary data release to the local air district is scheduled for 1/18/94, however, ARB is delaying the release due to errors; they have not rescheduled the release date for the preliminary data.

ARB is using a three step approach in the modeling:

1. They try to replicate historical data (the pollutant levels of a day) to verify the model.
2. They use uniform, cross-the-board cuts (from Benicia to Nevada City) in ROG and NO_x in all categories (e.g., mobil, stationary, and process) to see how the atmosphere responds. They alternate cutting ROG and NO_x which may lead to a the relative benefit of reductions of the two pollutants. These runs should provide the districts the isopleths (plots of constant ozone concentrations) and the interpollutant trading ratio. However, since these isopleths are derived from uniform cuts across the air shed, they may not be applicable to a specific project and specific proposed cuts.
3. They consider potential regulations to see what can be controlled (e.g., targeting mobil sources reduces ROG and NO_x in specific areas of the air shed, not uniformly over the air shed) to see how the atmosphere responds.

Mr Wheeler cautioned that the relative benefits of reducing ROG or NO_x are not uniform across the air shed since ambient pollutant concentrations vary. ARB believes the model results should be used to define an overall air shed strategy, not to evaluate specific projects.

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cc: Chris Tooker
Darrel Woo ✓
Magdy Badr

Signed *MAT*
Name Matt Layton