

- "urban" ISC
- receptor resolution (12 receptor only) - over water
- plant fence line
- support for background

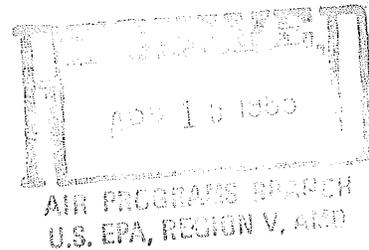
April 10, 1985

MEMORANDUM

SUBJECT: Niagara Frontier Modeling Protocol

FROM: Joseph A. Tikvart, Chief
Source Receptor Analysis Branch

TO: Raymond Werner, Chief
Impact Assessment Section, Region II



The Model Clearinghouse has reviewed the detailed modeling procedure proposed by NYSDEC for Section 2(e) of the December 26, 1984 protocol. We find that NYSDEC has performed a satisfactory analysis to define the days that need to be modeled with all sources in ISCST. Thus, from a modeling standpoint, we see no reason for not proceeding as they have proposed.

There are a few related issues which need to be addressed but we are not sure at what point in time they should be resolved.

1. As was discussed at the February 5, 1985 meeting with Region II and NYSDEC, there may be some emission inventory questions which still need to be resolved. I understand that you are aware of these issues and will be working with the Control Programs Operation Branch (CPOB) on their resolution.

2. Also at the February 5 meeting, NYSDEC raised the possibility that the model may predict a "compliance case" violation of the annual mean. We assume that this issue has been resolved or that additional analyses are planned.

3. Region II needs to be satisfied that the $36 \mu\text{g}/\text{m}^3$ 24-hour background value is substantiated.

4. If it turns out that Section 2(g) of the December 26, 1984, protocol needs to be executed, then we (with CPOB) need to discuss the details and the basis for the assumptions.

Unless you have further questions, this completes our responses to both Mr. Baker's December 26, 1984, and your March 28, 1985, requests.

cc: W. Baker
R. Rhoads

bcc: Modeling Contact, Regions I, III-X