

RECORD OF COMMUNICATION

  x   TELEPHONE CALL           MEETING           CONFERENCE CALL           OTHER

INFORMATION COPIED TO: D. Doll R. Robinson

TO: D. Wilson D. Doll

FROM: R. Robinson, R-V

DATE: 10/16/96

TIME:

SUBJ: OH PSD Source

SUMMARY OF COMMUNICATION:

Proposed source is in a river valley but consists of only area and volume sources. Complex terrain involved. No representative met data available.

Issues: 1. What model should they use? 2. Can they use NWS data in the model?

C/H Comments: 1. Probably can use a flat terrain model and assume that the sources are on the ground and the plume is terrain following. Candidate models would be ISC3 or SCREEN3. 2. Shouldn't use nonrepresentative data, even if it could be allowed under complex terrain rules. The first rule is to use representative data. If none are available, may need to collect, under preconstruction monitoring requirements. Alternatively, may be able use SCREEN3, but not sure how it deals with volume sources; may need to try to characterize the volume source as an area source.

FOLLOWUP ANTICIPATED:

R-V should find out the location and type of source. R-V should review the model and met data ultimately chosen for this analysis.

MODEL CLEARINGHOUSE RECORDS INFORMATION:

SOURCE NAME: OH PSD Source

LOCATION: OH

SOURCE TYPE: Unknown

POLLUTANTS: PM-10

REGULATION(S) INVOLVED: PSD

MET. DATA BASED (ON/OFF-DIE): Off

MODEL(S) USED: ISC3 SCREEN3