

Model Clearinghouse Information Storage and Retrieval System

Record Information Report

Record Number: 99-IV -02 Fiscal Year: 1999 Region: 04 Last Update:
Name: Region 4 Source-May 99 06/13/99

State(s): Unspecified
Pollutant(s): SO2
Regulation(s): Not Relevant
Source(s): Unspecified Stationary Source
Model(s): UNSPECIFIED
Subject(s): Representativeness of Meteorological Data
Urban/Rural: Rural Only
Oral/Written: Oral
Terrain: Low Terrain (below stack height)
Guideline: Guideline
Database: Off-site
Involvement: Review and Comment
Record Comments:

Issue:

A source has emission points that are subject to complex terrain when modeled. There is no current on-site met data. However, an airport was located in the company's vicinity several decades ago before it was moved. Meteorology data is available from 1959-1963. If this data can be determined representative, could it be used in ISC3? The new site of the met monitor is not such that representativeness can be made. It would be a stretch, but maybe one could say that this data is the most recent available data representative for the source. Are there some concerns on how the data were collected back then that would raise concerns? Has such an ancient set of data been used recently? From: deanw@mindspring.com <deanw@mindspring.com>

C/H Comment: Just because the data is old is not a reason for not using it. We usually have more problems in representativeness than in the age of the data. You probably want to check to see that it meets the PSD data recovery requirements; 90 percent valid data recovery is one. Is it an NWS station that just got moved? If so, the data are probably pretty good. The only thing you might check is to see if they used one of those old aerovanes with a high starting threshold, which could lead to a lot of calms. If the data is not NWS, I would look at the Q/A more closely.

Date: 06/13/99

Page: 1