

Model Clearinghouse Information Storage and Retrieval System

Record Information Report

Record Number: 99-IV -07 Fiscal Year: 1999 Region: 04 Last Update:
Name: Duke Power Cliffside-Sept 99 12/20/99

State goes along with the scheme, except that they don't believe that it is appropriate to eliminate the background data for the 90 degree downwind sector because of the distance to the monitor. The NC 20 technique will be used to determine which background sources will be explicitly modeled.

Issue 1: Is it appropriate to use this monitor as a background monitor?

Discussion. All parties agreed that it is important to determine what the purpose

of this monitor is. The State agreed that there is a purpose for the monitor, i.e.

to measure the effects of some source. The State will find out the purpose of the monitor.

C/H & Region IV comment: Unless the State search turns up something unexpected we would agree that the monitor is representative.

Issue 2: Is the scheme proposed by the source & State for calculating the background value appropriate.

Discussion: The C/H and Region pointed out that by zeroing in on the HSH day (3-hour) one is assuming that there will not be a higher background on some other day making a different day (or 3-hour) the design day.

C/H & Region IV comment: The source really should add in an background for each modeled hour in order to assure the proper design value. The State agreed that this is reasonable and will go back to the source on that one. It probably will require the source to write a postprocessor.

Issue 3: The source/State propose to use 1987-91 Charlotte surface met data together with 1997 background data. They argue that this is the latest data on SCRAM and that later data would entail the use of automated weather data.

Discussion: Region IV recollects that we had agreed at the last national modelers meeting that the so called HUSWO data can be used. There still is a question as to

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whether it should be required as the latest readily available data.

C/ H comment: The C/H agreed to talk the AQMG personnel on this one.

FOLLOW UP ANTICIPATED: NC will follow up with the source on the hour-by-hour background. The C/H will follow up with AQMG on the HUSWO data.

MODEL CLEARINGHOUSE RECORDS INFORMATION:

SOURCE NAME: Duke Power/ Cliffside

LOCATION: NC Piedmont

SOURCE TYPE: PP

POLLUTANTS: SO2

REGULATION(S) INVOLVED: Enforcement with likely a SIP revision follow up

MET. DATA BASES (ON/OFF-SITE): Off

MODEL(S) USED: ISC3

Follow Up Results

RECORD OF COMMUNICATION

Date: 12/20/99

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