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 Distribution: Linehan R. Johnson  
 (Return to WM, 623-CG) \_\_\_\_\_

September 3, 1985

John J. Linehan, Section Leader  
Salt Section  
Repository Projects Branch  
Division of Waste Management, MS 623-SS  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Linehan:

SUBJECT: NRC/SRP MANAGEMENT MEETING

At the NRC/SRP Management Meeting held in Columbus on June 18, 1985, a question was raised with regard to completeness of data reports, and a specific example was given, namely the term "representative data" as used on page 17 of Unanalyzed Data Report BMI/SRP 5020 - Pump Testing and Sampling of Mansfield #1. We have determined that in this instance the subject term was used appropriately and that it does not replace the presentation of the complete data in the report itself.

The reason for this is that the original data consist of measurements taken during pump tests. These measurements were taken at intervals consisting of tens of seconds, for the several weeks that a test lasted, and were recorded on magnetic tape. Figures in the report present all of the data in graphical form, while actual numbers are presented for several representative points to further clarify and elucidate the reports.

If the NRC would like to examine the magnetic tapes we will, as we have previously, be glad to make them available to you.

Sincerely,

J.O. Neff  
Program Manager  
Salt Repository Project Office

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J. Linehan  
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Enclosure:  
As Stated

cc: R. Johnson, NRC  
T. Verma, NRC  
L. Casey, SRPO

GS# 406-85



BATTELLE Project Management Division  
505 King Avenue  
Columbus, Ohio 43201-2693

July 1, 1985

J. A. Sherwin, Chief, Site Evaluation, SRPO

THE TERM "REPRESENTATIVE DATA" AS USED IN UNANALYZED DATA REPORT  
BMI/SRP 5020 - PUMP TESTING AND SAMPLING OF MANSFIELD #1

This letter responds to your oral request of June 19, 1985, to explain the meaning of "representative data" as used on p. 17 of the subject report.

The data listed in Appendices D.1 and D.2 are representative because the length of the pumping tests was of weeks' duration and the data-sampling interval was extremely short (on the order of tens of seconds). Thus, the volume of data (collected on magnetic tape) precludes tabular inclusion in a reasonable-size document. However, graphical displays based on all the data are included in the report. The relevant information is summarized below for the two zones pump tested in Mansfield #1.

### Zone 1

Table D.1-1 is the summary of Zone 1 tests  
Figure D.1-3 is the all-data plot for Zone 1

### Zone 2

Table D.2-1 is the summary of Zone 2 tests  
Figure D.2-2 is the all-data plot for Zone 2

Stone & Webster's basis for choosing the representative numbers was judgement based on inspection of all the results after testing ended.

Should NRC desire it, a copy of the magnetic tape containing all data can be provided.

Before the current fiscal year ends, Stone & Webster will produce two additional reports that provide a detailed analysis of all the data.

J. A. Sherwin, SRPO

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July 1, 1985

These reports are:

1. Pumping Test Analysis for Mansfield & Sawyer (due in July)
2. Pumping Test Analysis for J. Friemel & Detten (due in August)

If you have any questions on this matter, please contact Dr. Newcomb on Extension 7685.

  
Wayne A. Carbiener  
Deputy Program Manager

WAC/WEN:ne

In triplicate

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