

# OAK RIDGE NATIONAL LABORATORY

OPERATED BY

UNION CARBIDE CORPORATION

NUCLEAR DIVISION



POST OFFICE BOX X

OAK RIDGE, TENNESSEE 37830

September 9, 1980

Mr. Joseph Levine  
Meteorology Section  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Joe:

The following items are being sent to you under separate cover:

1. Your standard label tape WSZ004 containing:
  - a) File 1 with DSN=ORFAD.II.FORTRAN, the complete ORFAD program.
  - b) File 2 with DSN=EXAMPLE.JCL, an example of JCL used here for running ORFAD.
  - c) File 3 with DSN=EXAMPLE.DATA, an example of input data to ORFAD.
  - d) File 4 with DSN=NEWBRG59.MET.DATA, one year's meteorological data in the form required for ORFAD. This file is for Stewart AFB, Newburg, N.Y., 1959.
2. For reference, the tape copying job printout. On our system, DEN=3 refers to 1600 BPI.
3. A description of the meteorological data format used in ORFAD. We have found it necessary to go to a standard format because of the wide variety of formats in which data has been received.
4. A sample ORFAD input form. We find this a convenience in keeping the input data organized. You may have a previous copy; the sample is current.
5. A partial copy of the ORFAD II User's Manual. While this is not complete, or even final, it will explain the basis for the current ORFAD.
6. An example run with ORFAD using Files 1, 2, 3, and 4 above. Plots have been included for comparison in case you have the DISSPLA plotting system available.

If you have any further questions or problems, try Howard McLain if they arise after this month. I'm retiring from this rat-race as of October 1, 1980!

Sincerely,

A handwritten signature in cursive script that reads "Mel".

M. E. LaVerne

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