

NEW YORK STATE ELECTRIC & GAS CORPORATION

BINGHAMTON, NEW YORK 13902

January 10, 1979

NYNRC - E002
File No. B.1.2

Mr. R. S. Boyd, Director
Division of Project Management
Nuclear Regulatory Commission
1717 H Street, N.W.
Washington, D.C. 20555

SUBJECT: NYSEG 1 and 2
Transmittal of Air Quality and Meteorology Data

Dear Mr. Boyd:

This letter will serve to transmit a data tape containing meteorological and air quality data used in the impact analysis performed for the New Haven Site. This tape is being submitted to fulfill the requirements of Regulatory Guide 1.70 Section 2.3.3.

The tape is 9 track, 1600 BPI, and is standard Honeywell GFRC (with label). The tape contains one file as follows:

File 1 - NH12MT-Validated M/QA data from TRC monitoring program at New Haven.

The format description for the data included in File 1 is contained in Attachment 1. To assist in reading this tape, a hard copy printout is also being transmitted which contains a partial dump.

Very truly yours,

A. E. Kintigh
A. E. Kintigh
Vice President - Generation

AEK/ms
attachment
cc: M. J. Ray
A. F. Zallnick

(3)

416 109

Boo!
SE
1/11
MAG TAPE & TO
PRINTOUT TO
HYDRO-METEOR
GR

7901160176

ATTACHMENT 1

TRC DATA FORMAT - NEW HAVEN

The symbolic description for the New Haven site is as follows:

NHYYMMDDHHMMWD1WD2WD3WD4WD5WS1WS2WS3WS4WS5WV1WV2
WV3WV4WV5DTT1DTT2ATT1ATT2ATT3DPP1DPP2DPP3DPP4PP1S21
S22S23NX1NX2NX3NO1NO2NO3N21N22N23

Where:

NH	Site identification - New Haven
YY	Year
MM	Month
DD	Day
HHMM	Hour and minute of last scan of data used in average (MM=0)
WD1	Lower Level (10m) Wind Direction in degrees
WD2	Middle Level (61m) Wind Direction in degrees
WD3	Upper Level (100m) Wind Direction in degrees
WD4	Station C (10m) Wind Direction in degrees
WD5	Station E (10m) Wind Direction in degrees
WS1	Lower Level (10m) Wind Speed to nearest tenth mph X 10
WS2	Middle Level (61m) Wind Speed to nearest tenth mph X 10
WS3	Upper Level (100m) Wind Speed to nearest tenth mph X 10
WS4	Station C (10m) Wind Speed to nearest tenth mph X 10
WS5	Station E (10m) Wind Speed to nearest tenth mph X 10
WV1	Lower Level (10m) standard deviation of wind dir. to nearest tenth X 10
WV2	Middle Level (61m) standard deviation of wind dir. to nearest tenth X 10
WV3	Upper Level (100m) standard deviation of wind dir. to nearest tenth X 10
WV4	Station C (10m) standard deviation of wind dir. to nearest tenth X 10
WV5	Station E (10m) standard deviation of wind dir. to nearest tenth X 10
DTT1	Lower Temperature Difference (61-10m) to nearest one-hundredth °F X 100
DTT2	Upper Temperature Difference (100-10m) to nearest one-hundredth °F X 100
ATT1	Lower Level (10m) Air Temperature to nearest tenth °F X 10
ATT2	Station C (10m) Air Temperature to nearest tenth °F X 10
ATT3	Station E (10m) Air Temperature to nearest tenth °F X 10
DPP1	Lower Level (10m) Dewpoint to nearest tenth °F X 10
DPP2	Upper Level (100m) Dewpoint to nearest tenth °F X 10
DPP3	Station C (10m) Dewpoint to nearest tenth °F X 10
DPP4	Station E (10m) Dewpoint to nearest tenth °F X 10
PP1	Precipitation to nearest one-hundredth of inch X 100
S21	Station B Sulfur dioxide to nearest PPB
S22	Station C Sulfur dioxide to nearest PPB
S23	Station D Sulfur dioxide to nearest PPB
NX1	Station B Total oxides of nitrogen to nearest PPB
NX2	Station C Total oxides of nitrogen to nearest PPB
NX3	Station D Total oxides of nitrogen to nearest PPB
NO1	Station B Nitric oxide to nearest PPB
NO2	Station C Nitric oxide to nearest PPB

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ATTACHMENT 1 CONTINUED

N03 Station D Nitric oxide to nearest PPB
N21 Station B Nitrogen dioxide to nearest PPB
N22 Station C Nitrogen dioxide to nearest PPB
N23 Station D Nitrogen dioxide to nearest PPB

Code for missing is 9's in field.

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