

NORTHEAST UTILITIES

THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

General Offices • Seldon Street, Berlin, Connecticut

P.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 666-6911

August 16, 1983

Docket No. 50-423
B10870

Mr. B. J. Youngblood, Chief
Division of Licensing, Branch No. 1
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

- References: (1) B. J. Youngblood letter to W. G. Council, "Request for Additional Information for Millstone Nuclear Power Station, Unit 3," dated May 3, 1983.
- (2) W. G. Council letter to B. J. Youngblood, "Response to Request for Additional Information; Question No. Q451.1," dated July 7, 1983.

Dear Mr. Youngblood:

Millstone Nuclear Power Station, Unit No. 3
Revised Response to Request for Additional Information;
Question No. Q451.1 (Section 2.3.3)

In Reference (2), we responded to your request for additional information (Q451.1) by providing you with a data tape containing meteorological information for the Millstone Nuclear Power Station for the period January 1, 1981 through December 31, 1982. Based on conversations with your meteorological staff, we are providing you with a revised data tape for the same two consecutive annual cycles. This tape replaces the tape previously submitted to you on July 7, 1983.

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PDR ADOCK 05000423
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A tape format description is attached. If you have further questions regarding this tape, please contact Mr. Joseph A. Santovasi at (203) 666-6911, Ext. 3587.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY, Et. al.

By NORTHEAST NUCLEAR ENERGY COMPANY, Their Agent

W. G. Council
W. G. Council
Senior Vice President

By: R. P. Werner
Vice President
Generation Engineering & Construction

STATE OF CONNECTICUT)
) ss. Berlin
COUNTY OF HARTFORD)

Then personally appeared before me R. P. Werner, who being duly sworn, did state that he is Vice President of Northeast Nuclear Energy Company, Applicants herein, that he is authorized to execute and file the foregoing information in the name and on behalf of the Applicants herein and that the statements contained in said information are true and correct to the best of his knowledge and belief.

Marjorie J. Bolles
Notary Public

My Commission Expires March 31, 1988

MILLSTONE NUCLEAR POWER STATION METEOROLOGICAL DATA TAPE

Tape Specifications:

9-track, No label, EBCDIC
Density = 1600 BPI
Record Length = 160
Block Size = 3200 - fixed block size
Den = 3

Date of Record: January 1, 1981 - December 31, 1982

Beginning of Tape - First five records are tape description

Each record consists of:

<u>Parameter</u>	<u>Format</u>
Identifier = 999999	I6
Year	I2
Julian Day	I3
Hour (EST)	I4
Upper measurement level (136.2m)	F5.1
Wind direction (degrees) at 136.2m	F5.1
Wind speed (m/s) at 136.2m	F5.1
Sigma theta (degrees) at 136.2m	F5.1
Ambient temperature (°C) at 136.2m	F5.1
Moisture: Dew point temperature (°C) at 136.2m	F5.1
Other: Wind direction (degrees) at 43.3m	F5.1
Intermediate Measurement Level (114.0m)	F5.1
Wind direction (degrees) at 114.0m	F5.1
Wind speed (m/s) at 114.0m	F5.1
Sigma theta (degrees) at 114.0m	F5.1
Ambient temperature (°C) at 19.5m	F5.1
Moisture: Dew point temperature (°C) at 19.5m	F5.1
Other: Wind speed (m/s) at 43.3m	F5.1
Lower Measurement Level (10.0m)	F5.1
Wind direction (degrees) at 10.0m	F5.1
Wind speed (m/s) at 10.0m	F5.1
Sigma theta (degrees) at 10.0m	F5.1
Ambient temperature (°C) at 10.0m	F5.1
Moisture: Dew point temperature (°C) at 10.0m	F5.1
Other: Sigma theta (degree) at 43.3m	F5.1
Temp. Diff. (136.2m-10.0m) (°C/100m)	F5.1
Temp. Diff. (114.0m-10.0m) (°C/100m)	F5.1
Temp. Diff. (43.3-10.0m) (°C/100m)	F5.1
Precipitation = 99999 (Missing)	F5.1

Global Solar Radiation (cal/cm ² /min)	F5.2
Visibility (Km)	F5.1
Other = Direct solar radiation (cal/cm ² /min)	F5.2
Other: Dummy = 99999 (Missing)	F5.1

Note: Missing Data = 99999

Calm=7777