

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES
STATION MANAGER

April 4, 1985

TELEPHONE
(714) 492-7700

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596-5368

Attention: Mr. Greg Yuhas

Dear Sir:

Subject: Docket Nos. 50-206, 50-361 and 50-362
Magnetic Tapes of SONGS Meteorological Data for
January 1, 1984 to December 31, 1984
San Onofre Nuclear Generating Station, Units 1, 2 and 3

In accordance with your March 5, 1985 telephone discussion with Mr. K. S. Helm of the Chemistry Department, enclosed are the requested magnetic tapes containing the final SONGS meteorological data for 1984. You requested these tapes in order that they can be used by the NRC staff in Washington in an intercomparison study between several plants.

These tapes (#379 and 593) are written in standard ANSI Level 3 format with one file on each tape. They are labeled 9-track, 1600 bpi magnetic tapes written in ASCII. Each file on the tapes is blocked 4000 characters with each record 80 characters in length. The format of the data contained in each file is presented in Enclosure 1.

When you have completed your study and no longer require use of these tapes we request that they be returned to our Compliance Division. They can be sent Attention: P. A. Croy.

If you require any additional information, please so advise.

Sincerely,

B504180492 B50404
PDR ADOCK 05000206
P PDR

Enclosures

cc: F. R. Huey (USNRC Senior Resident Inspector, Units 1, 2 and 3)
A. J. D'Angelo (USNRC Resident Inspector, Unit 1)
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

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IE-28

ENCLOSURE 1

FORMAT OF TAPE FILES

DAYHR	WS10	WD10	PRECP	DEWP	WS40	WD40	AT	AT _p	AT _s	T	σ_0	Tape or Chart Value	YR
28204	5.8	1.0	0.01	14.0	3.2	1.0	1.10	.80	.80	16.0	9.6	TTTTTTTTT	76
28205	3.8	1.0	0.01	14.0	3.2	4.0	.50	.20	.30	17.0	8.0	TTTTTTTTT	76
28206	4.2	1.0	0.02	16.0	5.0	1.0	.10	0.00	0.00	18.0	9.2	TTTTTTTTT	76

FORMAT (I5,1X,2F5.1,F5.2,3F5.1,3F5.2,F5.1,F4.1,1X,11A1,I2)

DAY - given in Julian Day (Jan 1 is day 01)
 HR - hour of the day, hour 00 is from 11 p.m. to midnight
 WS10 - wind speed at 10 meters (mph)
 WD10* - wind direction at 10 meters (degrees, 360° is due North, 090° is due East, i.e., wind blowing from the east)
 PRECP - precipitation (inches)
 DEWP - dew point at 10 meters (°C)
 WS40 - wind speed at 40 meters
 WD40* - wind direction at 40 meters
 AT - differential temperature between 20 and 120 feet (6.5 and 36 meters) (±°C)
 AT_p - differential temperature from primary sensors at 10 and 40 meters (±°C)
 AT_s - differential temperature from secondary sensors at 10 and 40 meters (±°C)
 T - ambient temperature at 10 meters (°C)
 σ_0 - variation of wind direction at 10 meters (degrees)
 YR - last two digits of the year of the data

The latter columns contain either a T or C which corresponds respectively to the eleven parameters for the given hour. T indicates that the parameter is an hourly average of one minute digital values. C indicates that the parameter is an hourly average reduced from analog strip charts. Chart values are necessary when digital values are missing or invalid.

*If the wind direction is a chart value, it is coded as wind sector. A sector is 22.5° centered 11.25° on each side of 360°, 22.5°, 45°, 67.5°, 90°, etc. Sector 01 is from 11.25° to 33.75°; sectors progress clockwise.

NOTE: All missing or invalid data, except wind direction, are indicated as a series of 9's (e.g., 99.9 or 999.9). Missing or invalid wind direction data are indicated as 99.0.