

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4502

JOHN S. KEMPER  
VICE PRESIDENT  
ENGINEERING AND RESEARCH

May 15, 1984

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: Limerick Generating Station, Units 1 and 2  
Meteorological Monitoring System

REFERENCES: 1) Letter from J. S. Kemper to A. Schwencer,  
dated October 13, 1983  
2) Letter from J. S. Kemper to A. Schwencer,  
dated February 27, 1984, Tape Submittal for  
Data Collection Period October 15, 1983 to  
January 15, 1984.

FILE: GOVT 1-1 (NRC)

Dear Mr. Schwencer:

In accordance with the reference (1) letter, we are enclosing a magnetic tape containing hour-by-hour meteorological data for the period of October 15, 1983 to April 15, 1984. The data included and tape formats are described on the attached page.

These data are from the primary meteorological tower (Tower No. 1) and Satellite Tower without substitution from Tower No. 2.

The joint data recovery rates of the delta-temperature (266 minus 26 foot elevations) and each of the three elevations of wind sensors were: 97.4% for the 270-ft. level, 97.2% for the 175-ft. level, and 97.0% for the 30-ft. level. These values were calculated by the NRC JFREQ program.

Sincerely,

*John S. Kemper*

Enclosures

Copy to: (See Attached Service List)

8405180124 840515  
PDR ADDCK 05000352  
R PDR

Add:  
E. MARKEE, METB (Ltr. OK'd)  
ENCL. ADVANCED TO MARKEE

Boo 1  
111