

January 11, 1988

50-277/278

Mr. William M. Alden  
Engineer-In-Charge Licensing  
Philadelphia Electric Company  
2301 Market Street  
Philadelphia, Pennsylvania 19101

Dear Mr. Alden:

SUBJECT: REQUEST FOR HOURLY METEOROLOGICAL DATA TAPE AND UPDATED EVACUATION  
TIME ESTIMATES (TAC NO. 66783)

As you are aware, the Peach Bottom Atomic Power Station, Units 2 and 3 (PBAPS) is one of a set of commercial nuclear power plants currently under consideration with respect to severe accident risks as discussed in the draft NUREG-1150 report. Your assistance to the NRC staff would be very useful in the staff's ongoing activities in this area. Specifically, we request that an annual hourly meteorological data tape of PBAPS onsite observations be provided and that the most recent study containing Evacuation Time Estimates for the area around the site be provided.

The meteorological data should be in accordance with SRP Section 2.3.3 and its Appendix A (NUREG-0800, Revision 2, July 1981). The data desired consist of wind speed and direction along with a stability distribution using vertical temperature difference between two levels as used to characterize effluent dispersion modeling and onsite hourly precipitation measurements. The data tape should have the characteristics given in SRP Section 2.3.3 Appendix A.

It would greatly assist the staff's efforts if one copy of this information could be provided by the end of February 1988.

Sincerely,

8801130428 880111  
PDR ADOCK 05000277  
P PDR

/s/

Robert E. Martin, Project Manager  
Project Directorate I-2  
Division of Reactor Projects I/II

cc: Troy B. Conner, Jr.  
Morgan J. Morris, III  
Mr. Thomas S. Shaw, Jr.

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PDI-2 Reading  
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JLevine, NRR

MO'Brien  
RMartin/DClark  
OGC  
EJordan  
JPartlow  
TJohnson, (Reg. I)  
JLinville, (Reg. I)

Previously concurred\*

PDI-2/PM\*                      PDI-2/D\*  
RMartin:mr                      WButler  
1/11/88                              1/11/88

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Mr. Thomas S. Shaw, Jr.

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RMartin:mr

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WButler

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WB



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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