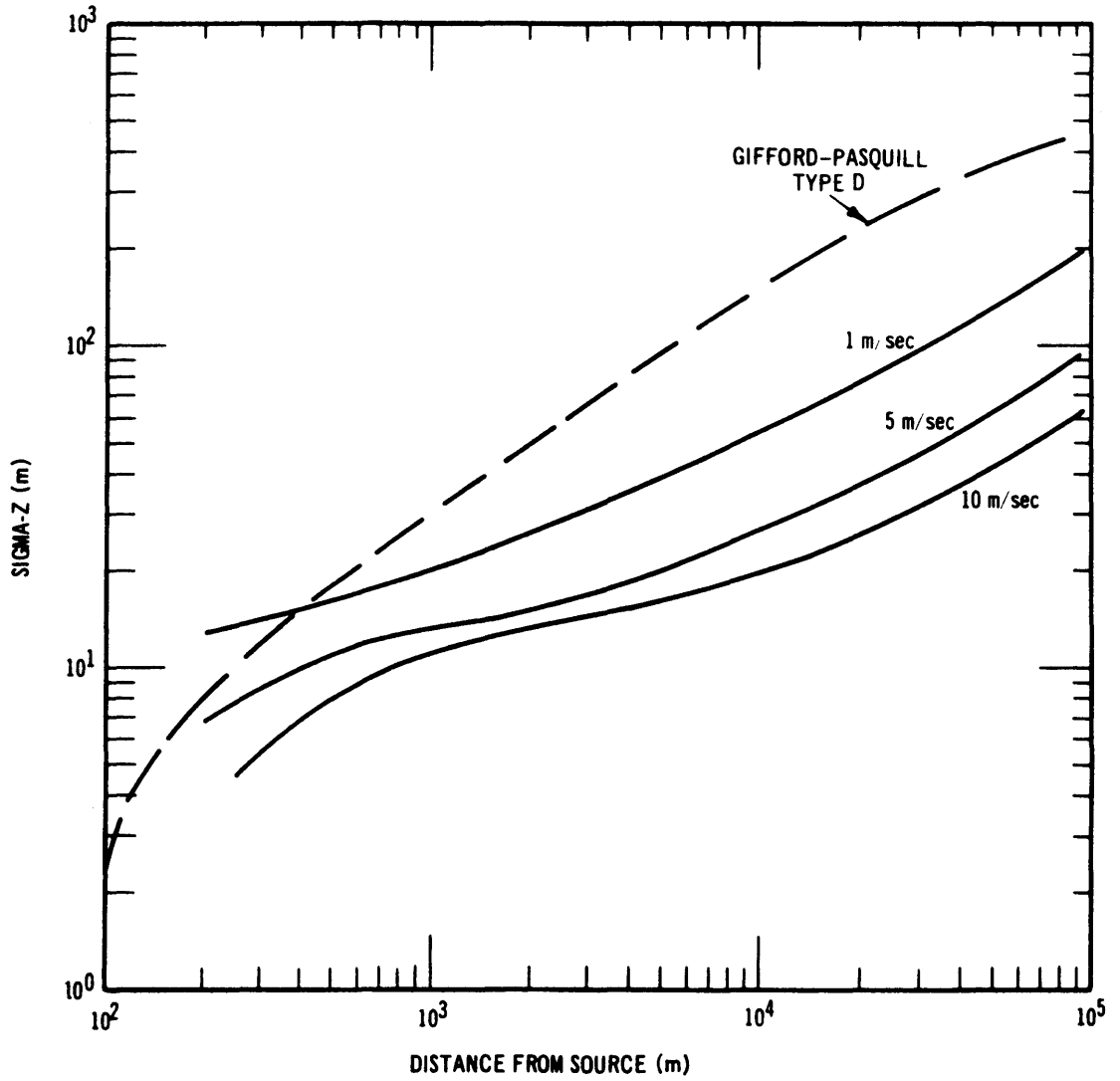


**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
UPDATED FINAL SAFETY ANALYSIS REPORT**

**VERTICAL CLOUD WIDTH  
VERSUS DISTANCE —  
VERY STABLE**

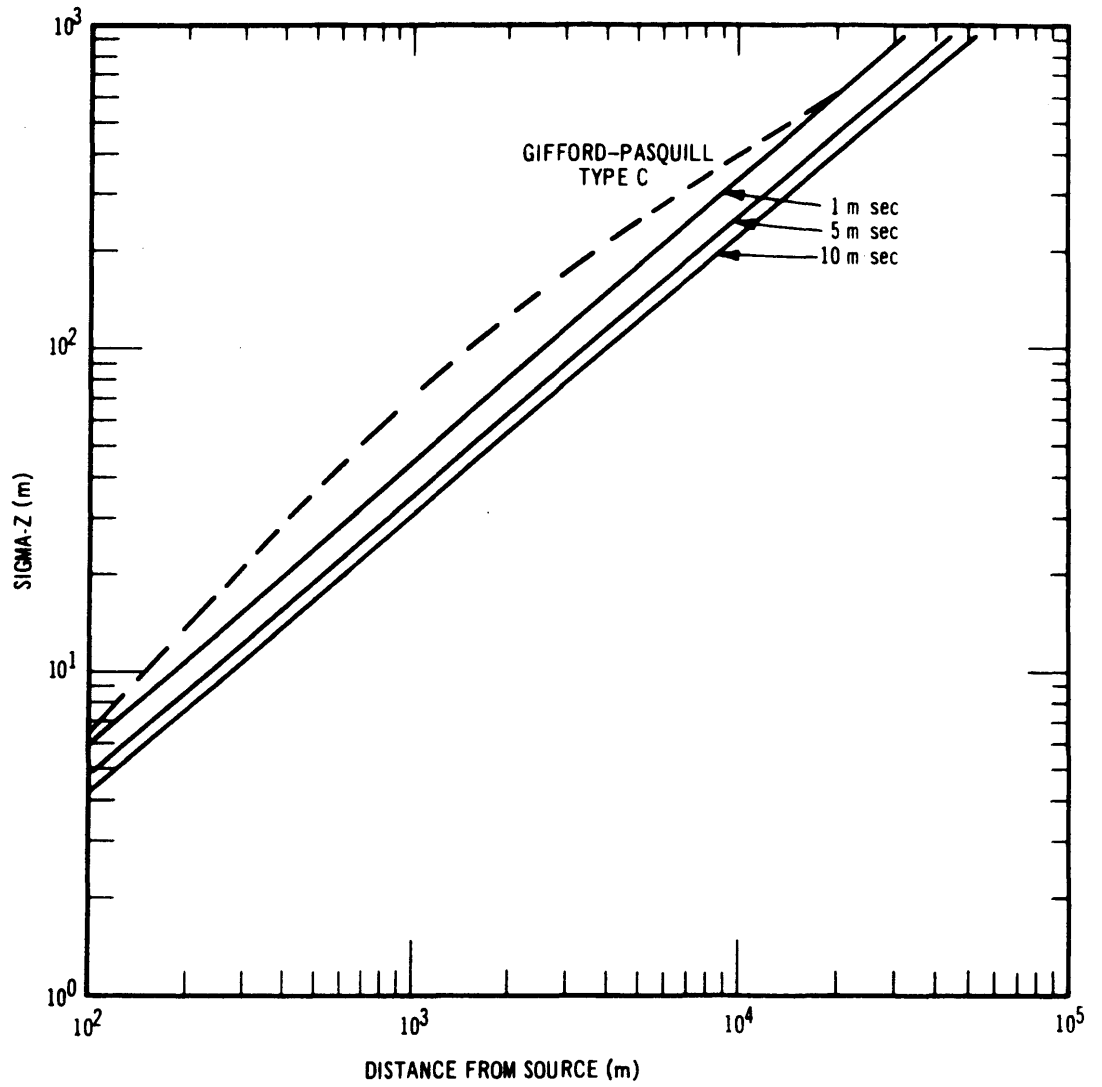
**FIGURE E.1.1**



**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
UPDATED FINAL SAFETY ANALYSIS REPORT**

**VERTICAL CLOUD WIDTH  
VERSUS DISTANCE –  
MODERATELY STABLE**

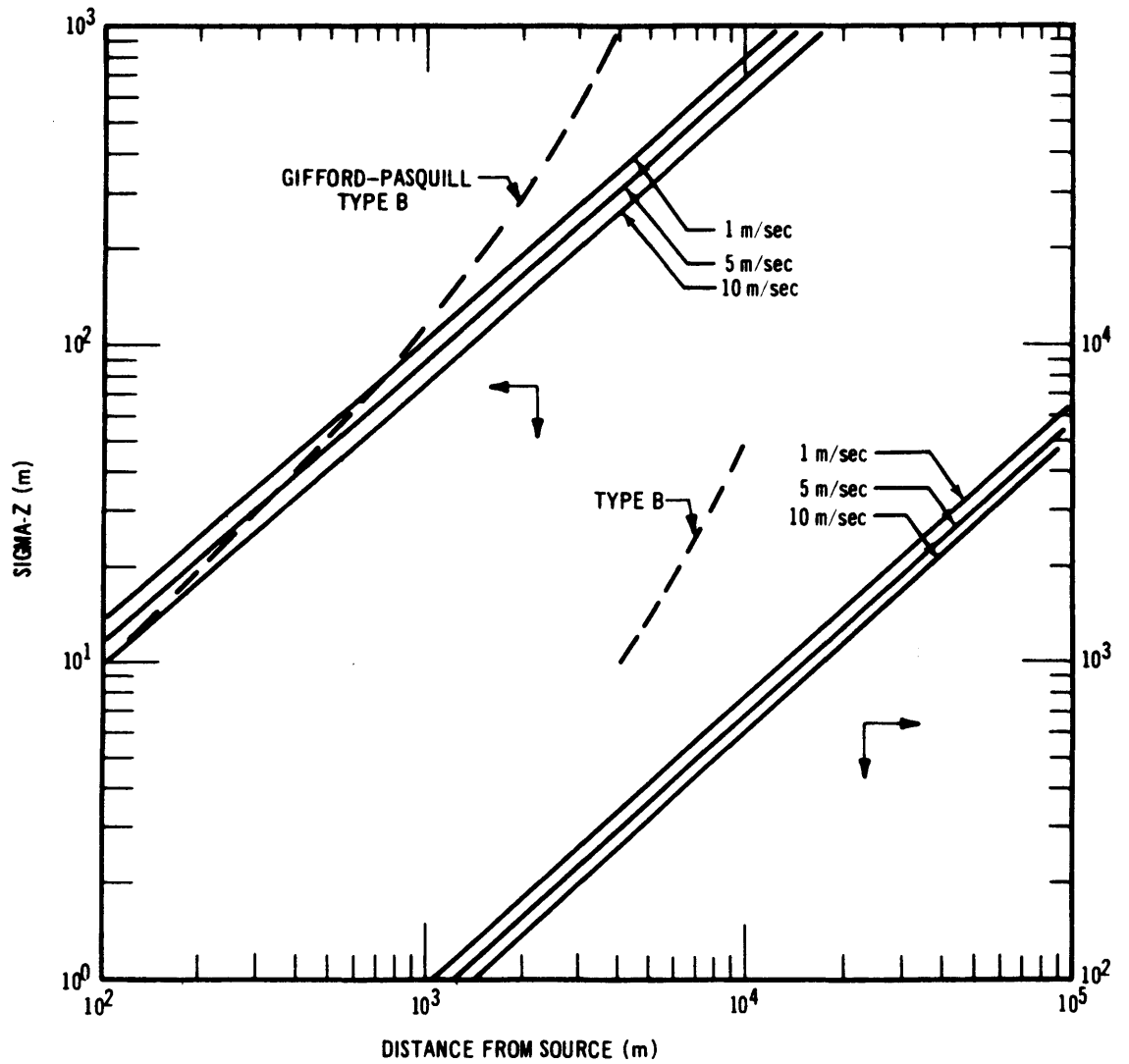
**FIGURE E.1.2**



**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
UPDATED FINAL SAFETY ANALYSIS REPORT**

**VERTICAL CLOUD WIDTH  
VERSUS DISTANCE —  
NEUTRAL**

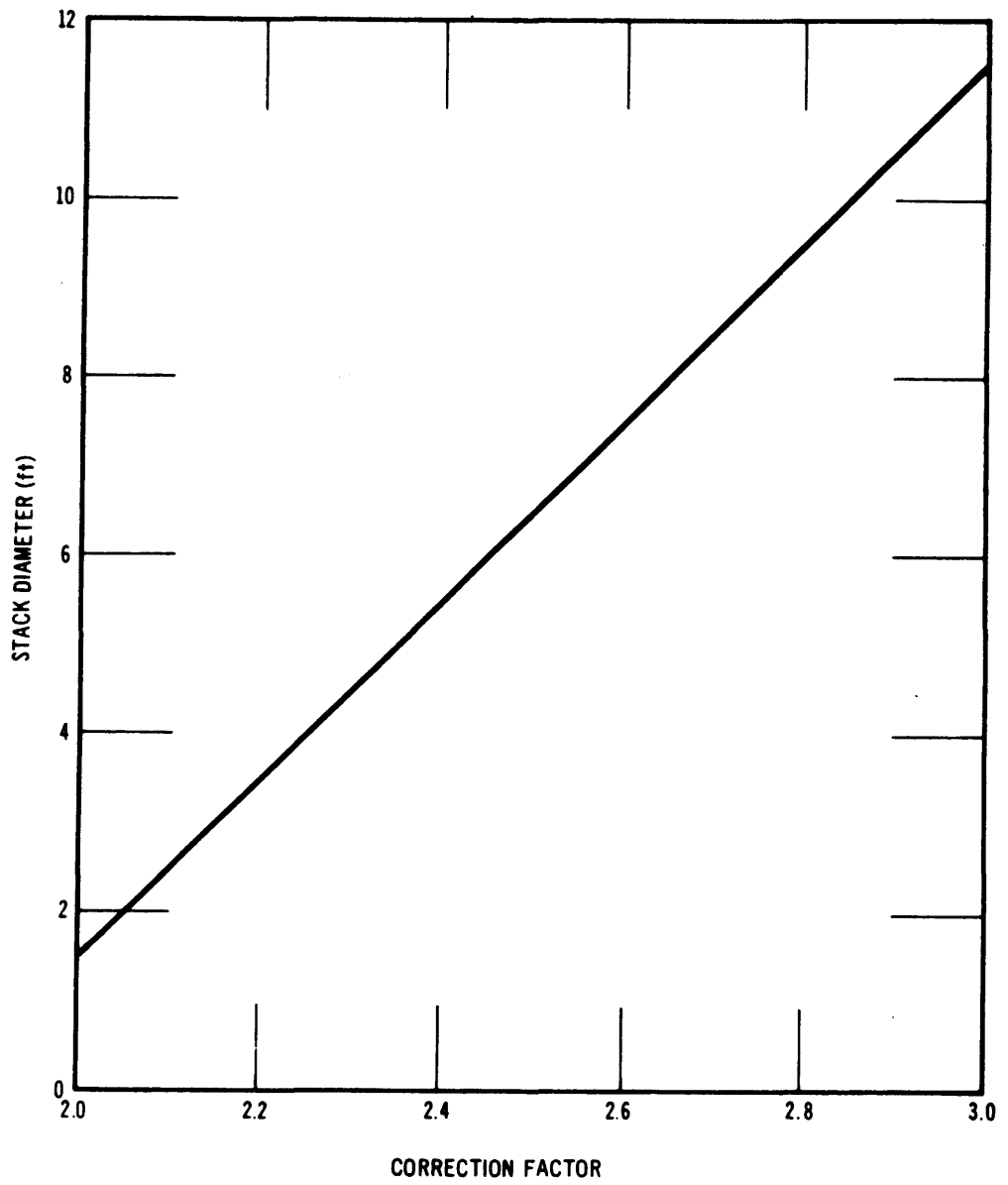
**FIGURE E.1.3**



**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
UPDATED FINAL SAFETY ANALYSIS REPORT**

**VERTICAL CLOUD WIDTH  
VERSUS DISTANCE —  
UNSTABLE**

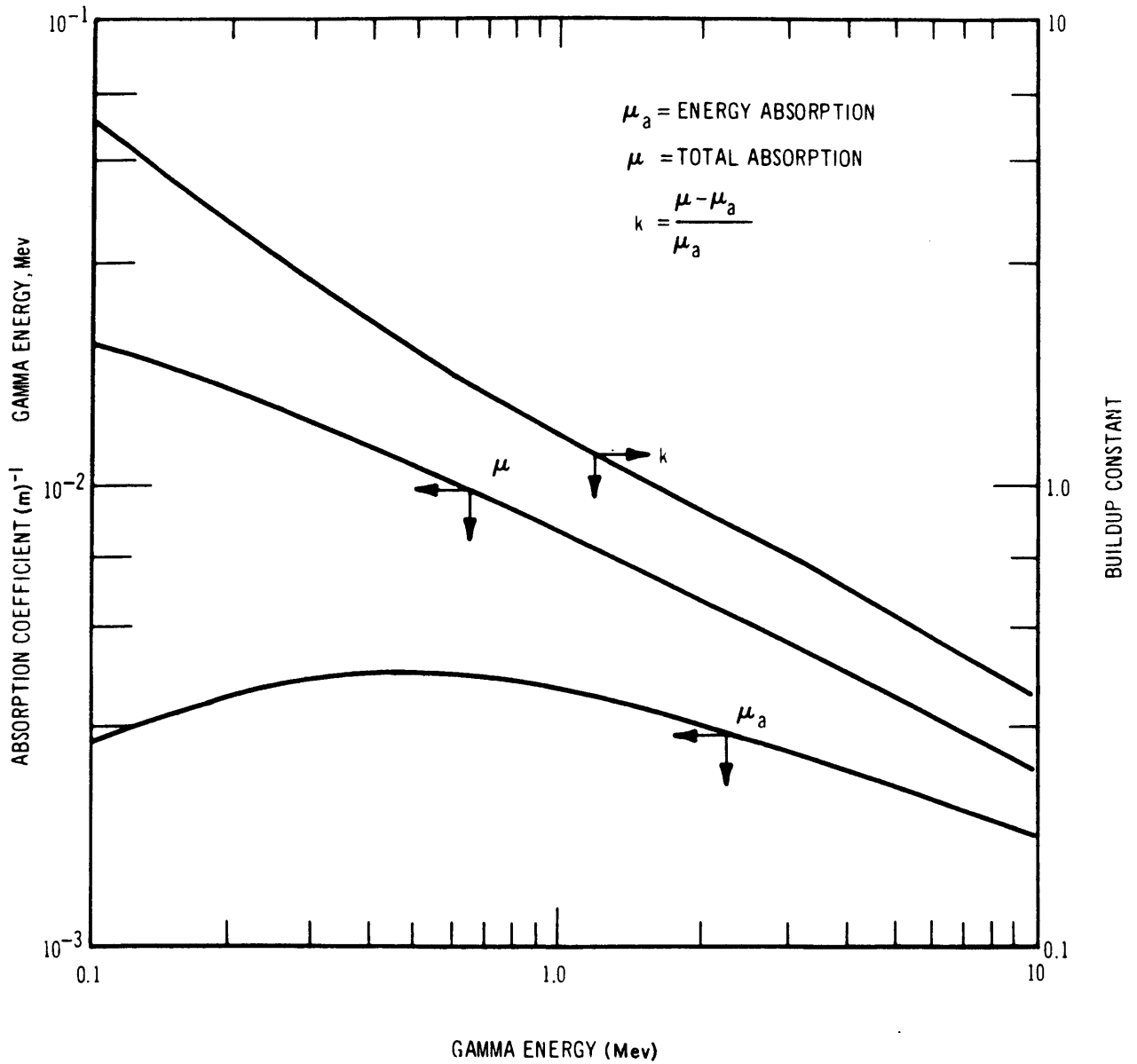
**FIGURE E.1.4**



**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
UPDATED FINAL SAFETY ANALYSIS REPORT**

**HOLLAND PLUME RISE  
CORRECTION FACTOR**

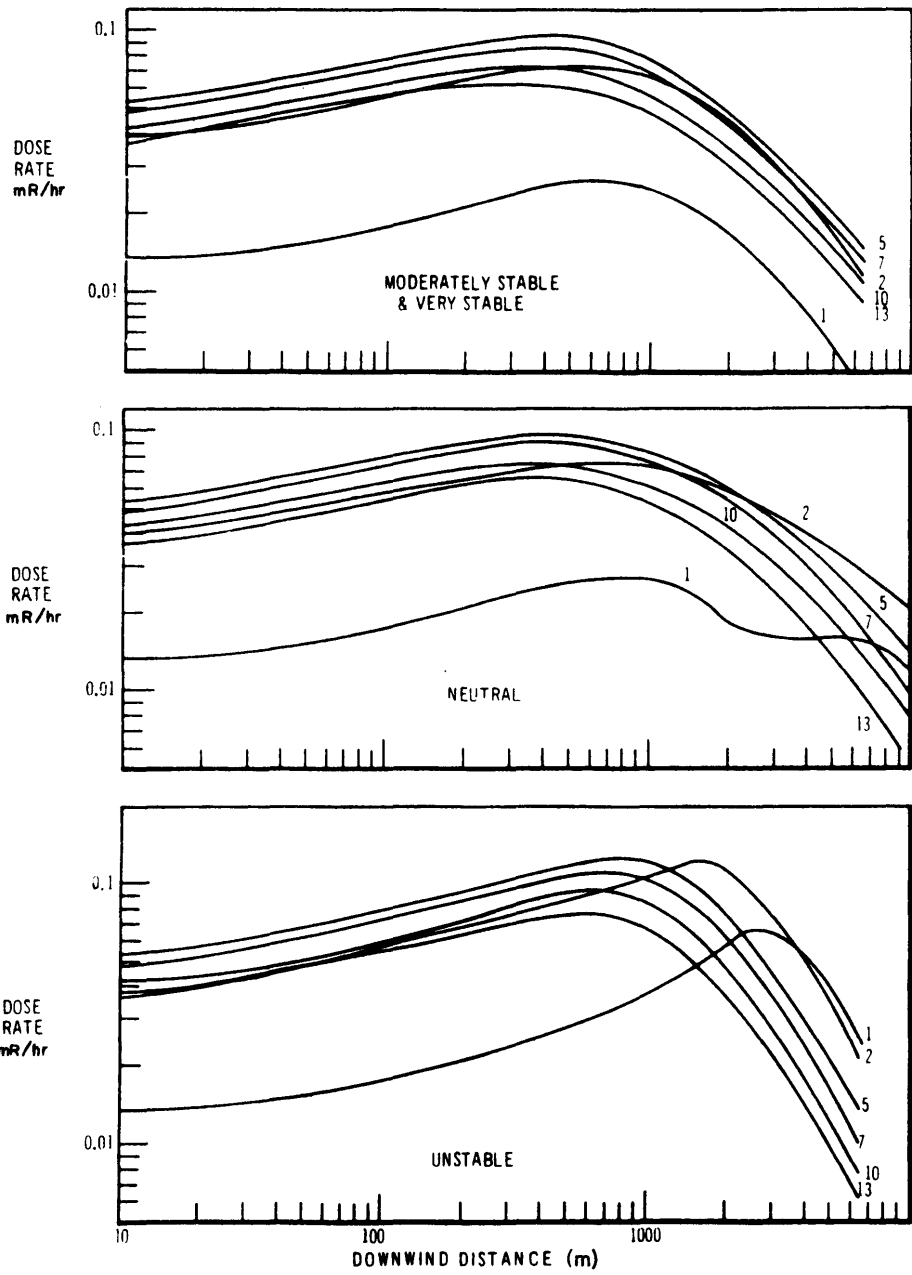
**FIGURE E.1.5**



**PHILADELPHIA ELECTRIC COMPANY  
 PEACH BOTTOM ATOMIC POWER STATION  
 UNITS 2 AND 3  
 UPDATED FINAL SAFETY ANALYSIS REPORT**

**GAMMA RADIATION ABSORPTION  
 COEFFICIENTS AND BUILDUP  
 CONSTANTS FOR AIR, STP**

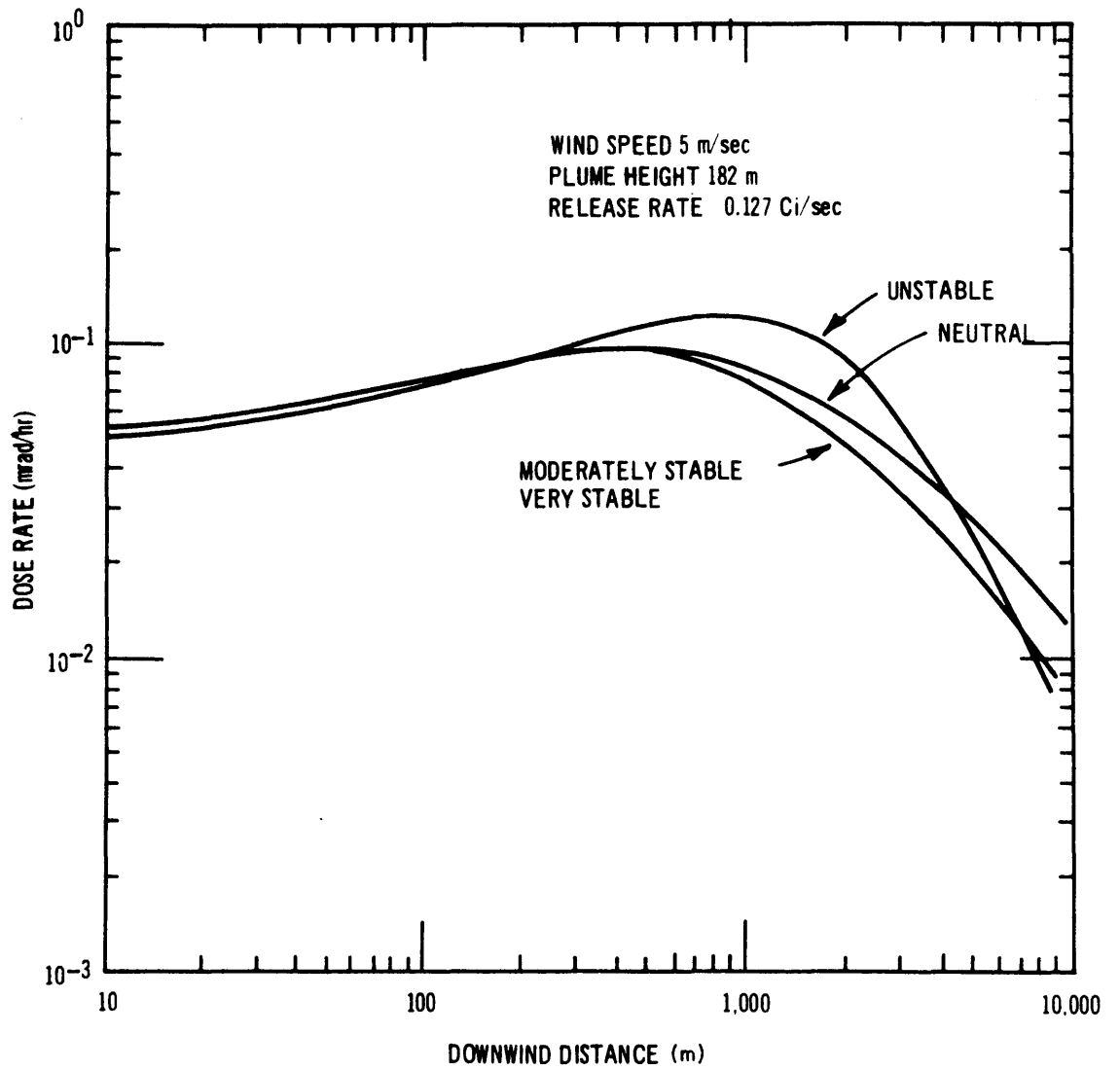
**FIGURE E.1.6**



**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
UPDATED FINAL SAFETY ANALYSIS REPORT**

**GAMMA DOSE RATE FOR VARIOUS  
WIND SPEEDS AND STABILITIES  
FOR BGRR STACK  
(RELEASE RATE 0.127 Ci/sec)**

**FIGURE E.2.1**

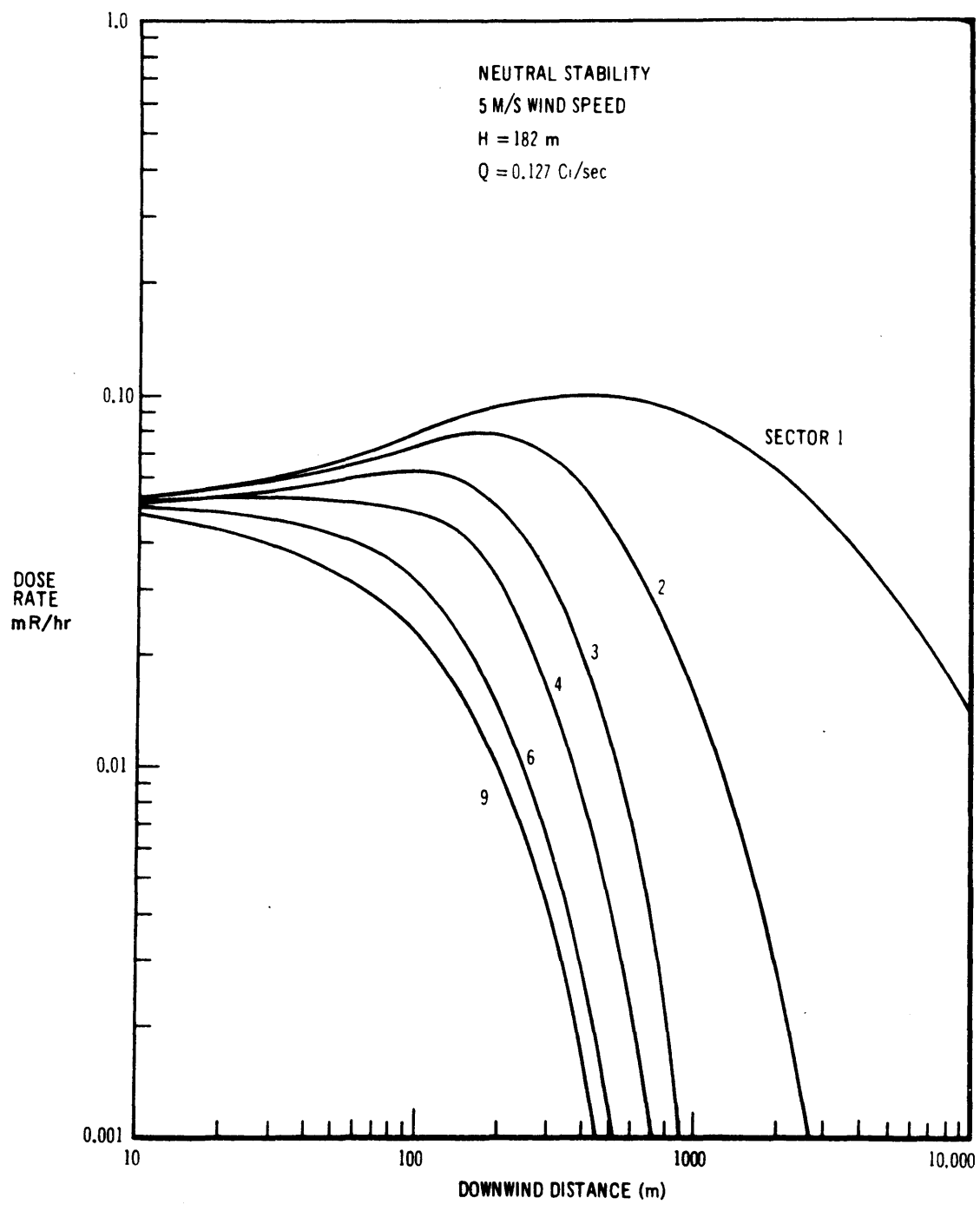


**PHILADELPHIA ELECTRIC COMPANY  
 PEACH BOTTOM ATOMIC POWER STATION  
 UNITS 2 AND 3  
 UPDATED FINAL SAFETY ANALYSIS REPORT**

**GAMMA DOSE RATE IN AIR FOR  
 VARIOUS STABILITY CONDITIONS**

**FIGURE E.2.2**

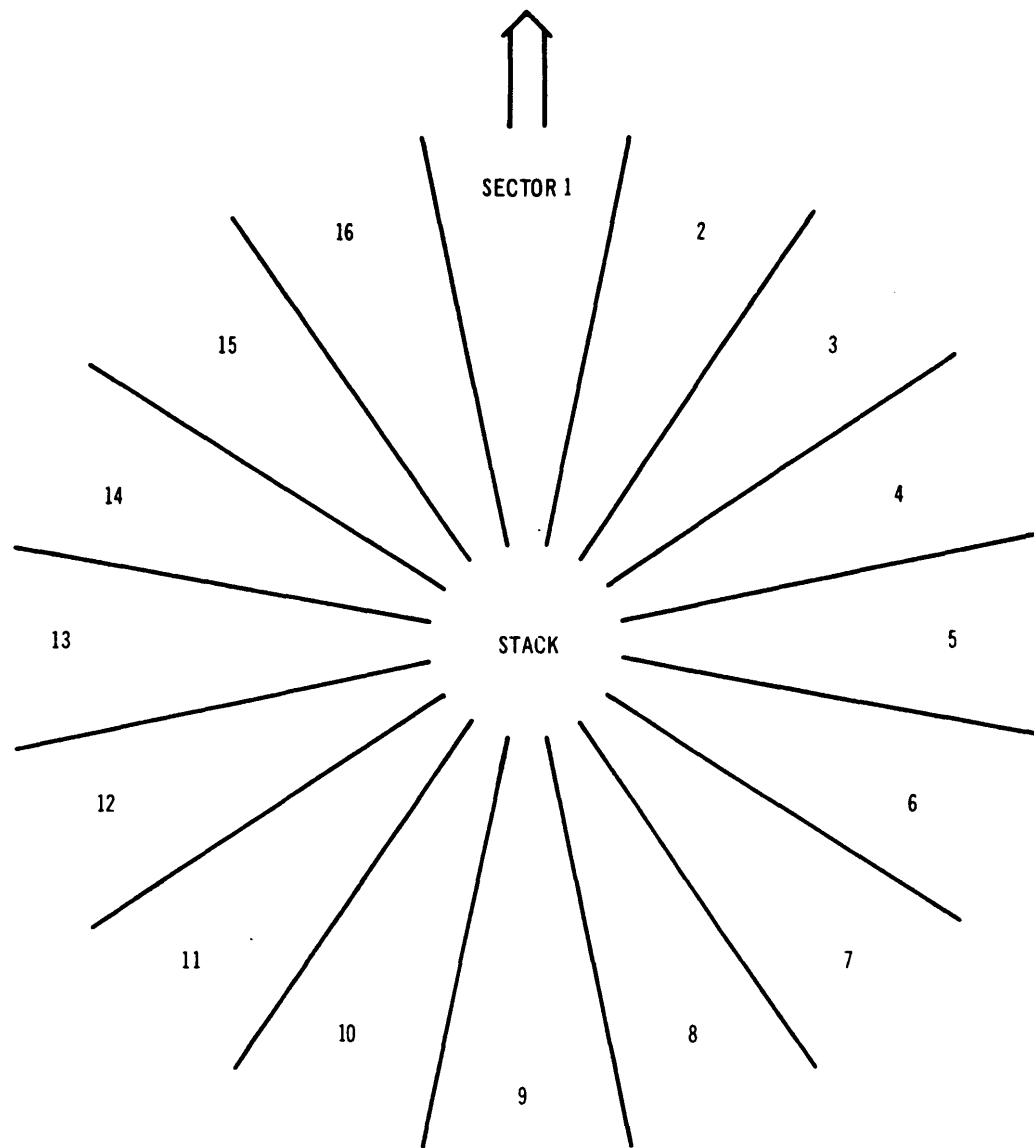




**PHILADELPHIA ELECTRIC COMPANY  
 PEACH BOTTOM ATOMIC POWER STATION  
 UNITS 2 AND 3  
 UPDATED FINAL SAFETY ANALYSIS REPORT**

**DOSE RATE IN EACH SECTOR**

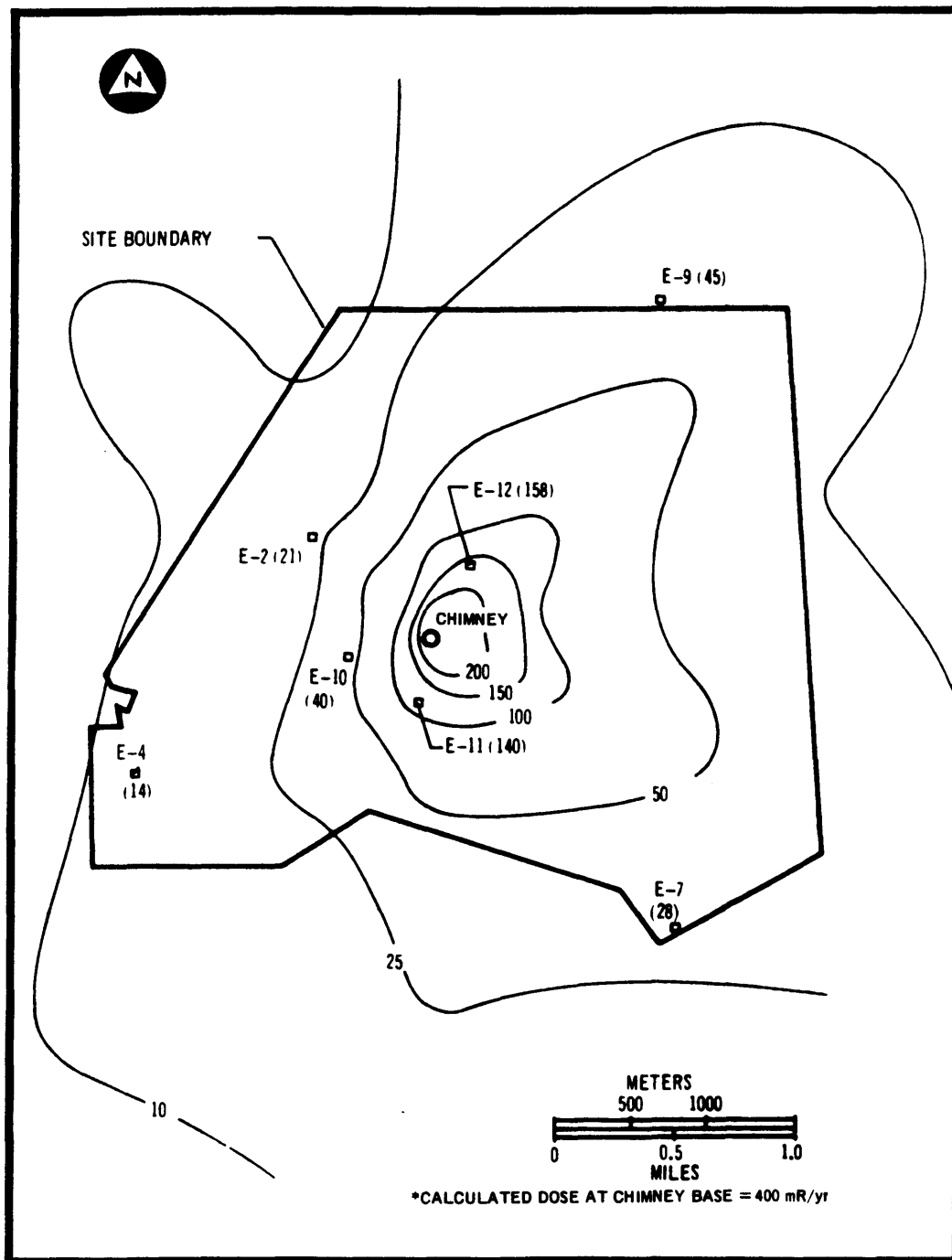
**FIGURE E.2.3**



**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
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**NOMENCLATURE OF SECTORS  
USED FOR AVERAGING**

**FIGURE E.2.4**



**PHILADELPHIA ELECTRIC COMPANY  
PEACH BOTTOM ATOMIC POWER STATION  
UNITS 2 AND 3  
UPDATED FINAL SAFETY ANALYSIS REPORT**

**WHOLE-BODY GAMMA DOSE (mR/yr)  
PATTERN AROUND BGRR STACK**

**FIGURE E.2.5**