

1347

LAW OFFICES

CONNER & WETTERHAHN, P.C.

1747 PENNSYLVANIA AVENUE, N.W.

WASHINGTON, D.C. 20006

RELATED CORRESPONDENCE

DOCKETED  
USNRC

84 MAY 29 11:54

TROY B. CONNER, JR.  
MARK J. WETTERHAHN  
ROBERT M. RADER  
INGRID M. OLSON

ARCH A. MOORE, JR.\*  
ROBERT H. PURL  
OF COUNSEL

\* NOT ADMITTED IN D.C.

May 25, 1984

OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH

(202) 833-3500

CABLE ADDRESS: ATOMLAW

Lawrence Brenner, Esq.  
Atomic Safety and  
Licensing Board  
U.S. Nuclear Regulatory  
Commission  
Washington, D.C. 20555

Dr. Richard F. Cole  
Atomic Safety and  
Licensing Board  
U.S. Nuclear Regulatory  
Commission  
Washington, D.C. 20555

Dr. Peter A. Morris  
Atomic Safety and  
Licensing Board  
U.S. Nuclear Regulatory  
Commission  
Washington, D.C. 20555

In the Matter of  
Philadelphia Electric Company  
(Limerick Generating Station, Units 1 and 2)  
Docket Nos. 50-352 and 50-353 OC

Gentlemen:

Enclosed for the information of the Atomic Safety and Licensing Board and the parties involved in the litigation of the severe accident risk assessment issues, are several pages from the draft evacuation time study which is being submitted to PEMA. The pages are those which, as the result of a very brief review, I consider to be most related to the issues presently being litigated. The entire document is being reproduced and will be provided to the parties involved with the severe accident issues next week. The draft document will be put in final form following the emergency planning exercise on July 25 and the receipt of any comments from PEMA and the counties. It is Applicant's position that

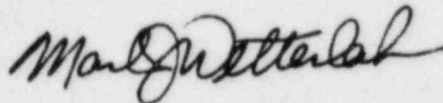
8405300219 840525  
PDR ADDCK 05000352  
PDR

D503

Lawrence Brenner, Esq.  
Dr. Richard F. Cole  
Dr. Peter A. Morris  
May 25, 1984  
Page 2

no part of the draft study is litigable in conjunction with  
any of the severe accident contentions.

Sincerely,



Mark J. Wetterhahn  
Counsel for the Applicant

MJW/dlf  
Enclosure  
cc: Service List

Federal Express  
Martha W. Bush, Esq.  
Charles W. Elliott, Esq.

Hand Delivery (on May 29, 1984)  
Lawrence Brenner, Esq.  
Dr. Richard F. Cole  
Dr. Peter A. Morris  
Ann Hodgdon, Esq. (on May 25, 1984)

TABLE 6.1  
EVACUATION TIME ESTIMATE SUMMARY

Analysis Area			General Evacuation Time <sup>(1)</sup>									
									Winter <sup>(2)</sup>		Summer <sup>(3)</sup>	
			Winter		Winter		Summer		Week Day		Weekend	
			Week Day		Week Night		Weekend		Adverse		Adverse	
			Fair Weather		Fair Weather		Fair Weather		Weather		Weather	
			HRS	MINS	HRS	MINS	HRS	MINS	HRS	MINS	HRS	MINS
1	0-2 N	Lower Pottsgrove and Limerick	2	55	2	45	2	50	3	45	3	15
2	0-2 S	East Coventry	2	50	2	50	2	50	3	30	3	10
3	0-5 NW	Upper Pottsgrove, Lower Pottsgrove, Pottstown and New Hanover	4	30	4	15	4	25	6	10	5	25
4	0-5 E	Limerick, Royersford	3	30	3	10	2	55	4	45	3	25
5	0-5 SW	East Coventry, North Coventry, and South Coventry	2	50	2	50	2	50	3	55	3	10
6	0-5 S	Spring City, East Vincent	3	45	3	15	3	15	5	10	3	50
7	0-10 NW	Analysis Area 3, West Pottsgrove, Washington, Colebrookdale, Douglass-Berks, Douglass-Montgomery, Boyertown, Earl, Amity, Union	4	45	4	15	4	30	6	30	5	30
8	0-10 E	Analysis Area 4, Upper Providence, Skippack, Perkiomen, Schwenksville, Upper Salford, Green Lane, Lower Providence, Trappe, Collegeville, Upper Frederick, Lower Frederick, Marlborough, Lower Salford	4	50	4	00	4	45	6	45	5	50
9	0-10 SW	Analysis Area 5, East Nantmeal, Warwick	3	00	2	50	2	50	4	05	3	15
10	0-10 S	Analysis Area 6, West Vincent, Upper Uwchlan, West Pikeland, Phoenixville, Uwchlan, East Pikeland, Schuylkill, Charlestown	4	30	3	30	3	50	6	15	4	40
11		Montgomery County	4	50	4	15	4	45	6	45	5	50
12		Chester County	4	30	3	30	3	50	6	15	4	40
13		Berks County	4	05	2	50	2	45	5	35	3	15
14		Entire EPZ	4	50	4	15	4	45	6	45	5	50

- 1 All residents, transients and special facilities within the analysis area would be evacuated. Time estimates are rounded to the nearest 5-minute period.  
2 Snowstorm adverse weather.  
3 Rainstorm adverse weather.

# NOTIFICATION/PREPARATION/MOBILIZATION TIME DISTRIBUTIONS

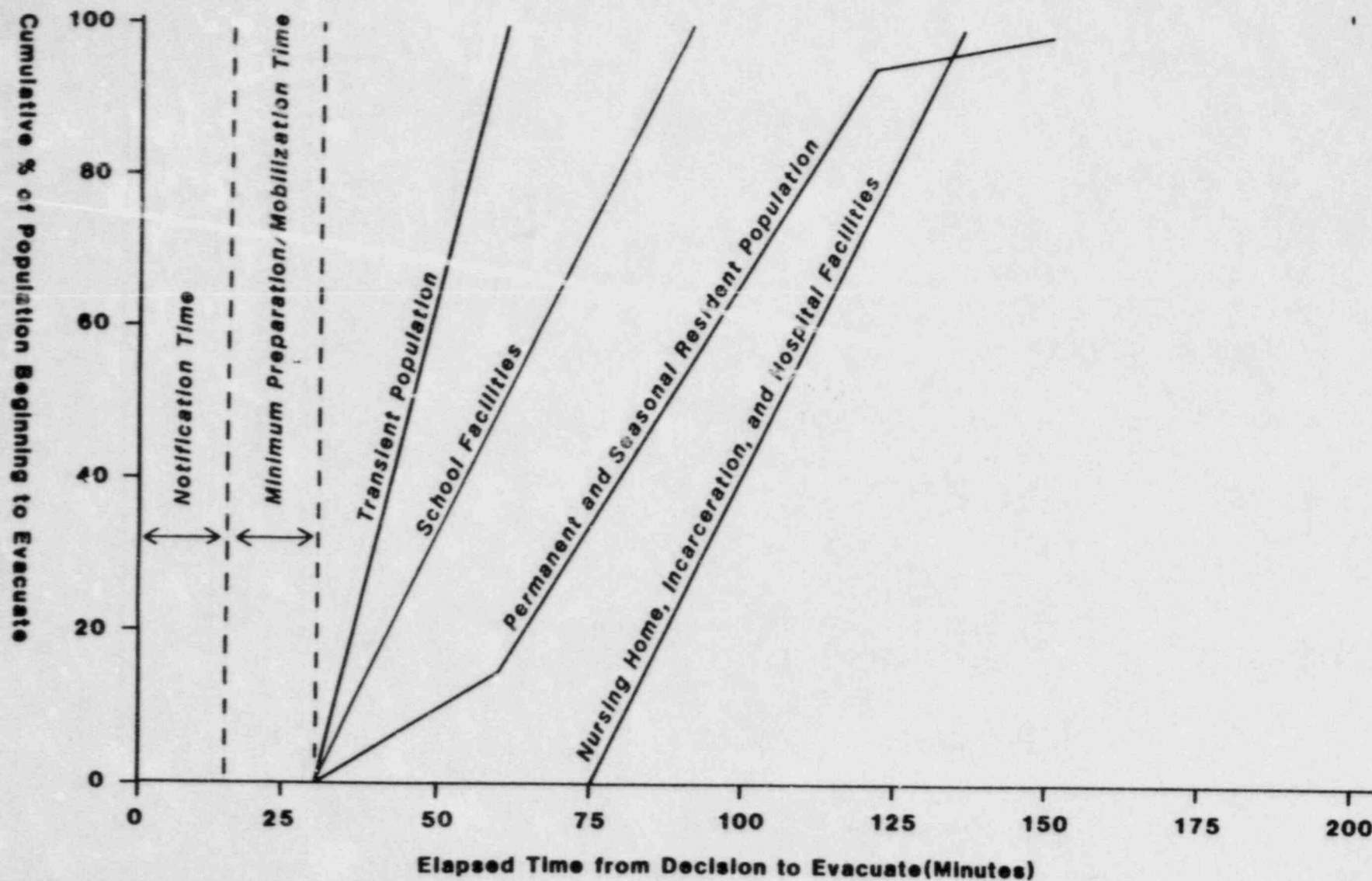


FIGURE 5.1 - NOTIFICATION/PREPARATION/MOBILIZATION TIME DISTRIBUTIONS

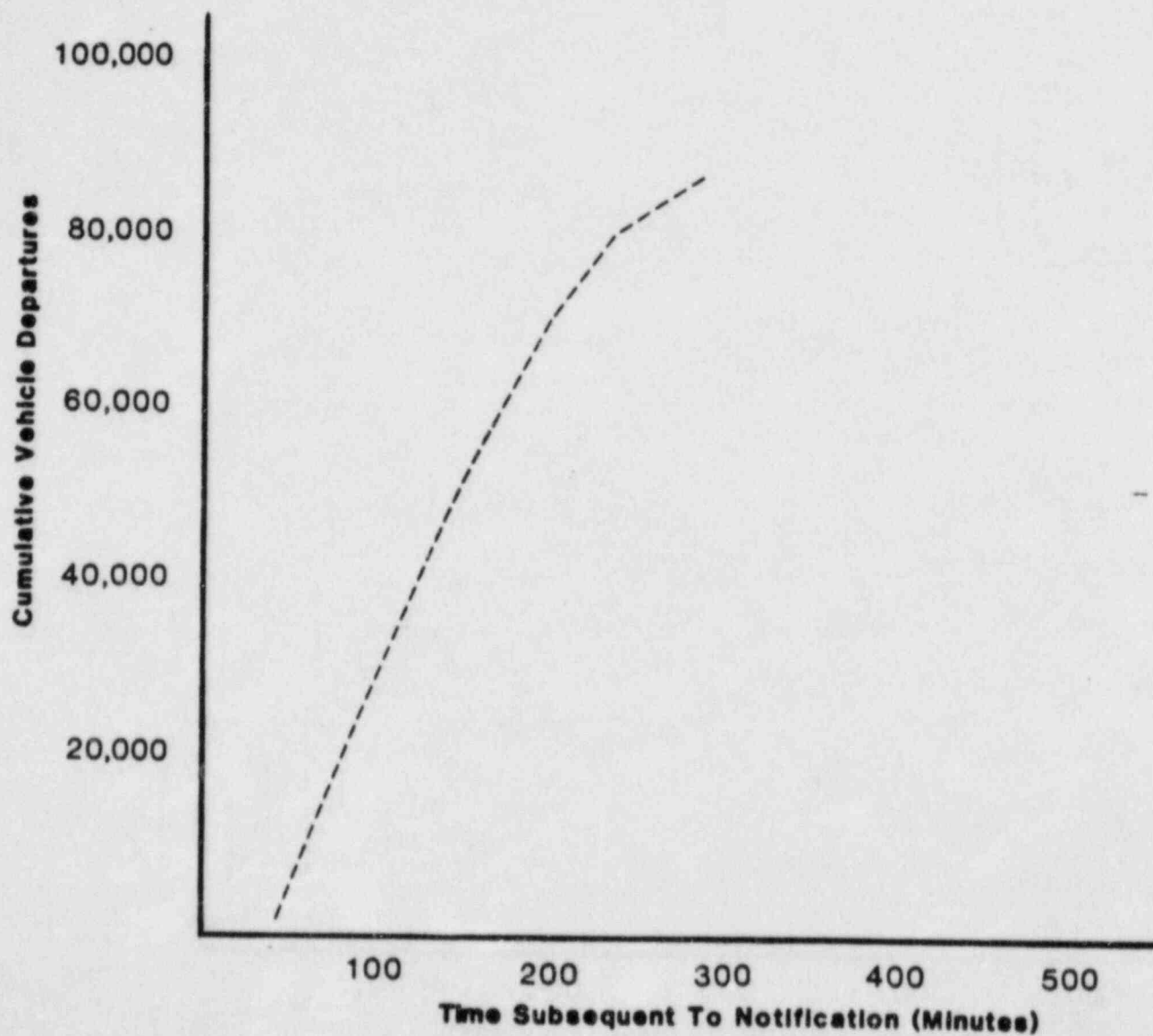


FIGURE 6.1 CUMULATIVE VEHICLE DEPARTURES FROM THE LIMERICK GENERATING STATION EPZ, WINTER WEEKDAY FAIR WEATHER CONDITION



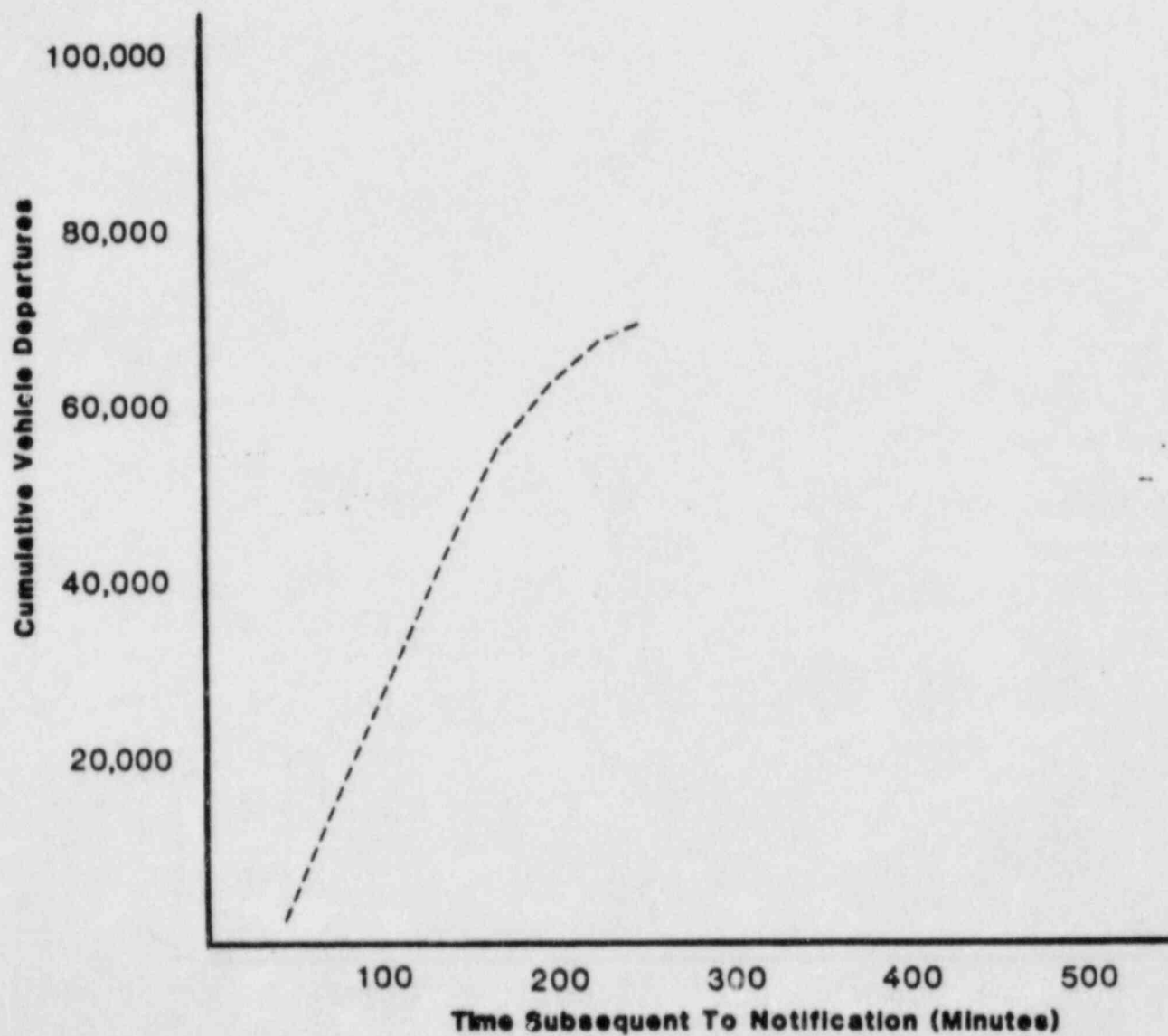


FIGURE 6.2 CUMULATIVE VEHICLE DEPARTURES FROM THE LIMERICK GENERATING STATION EPZ, WINTER WEEKNIGHT FAIR WEATHER CONDITION

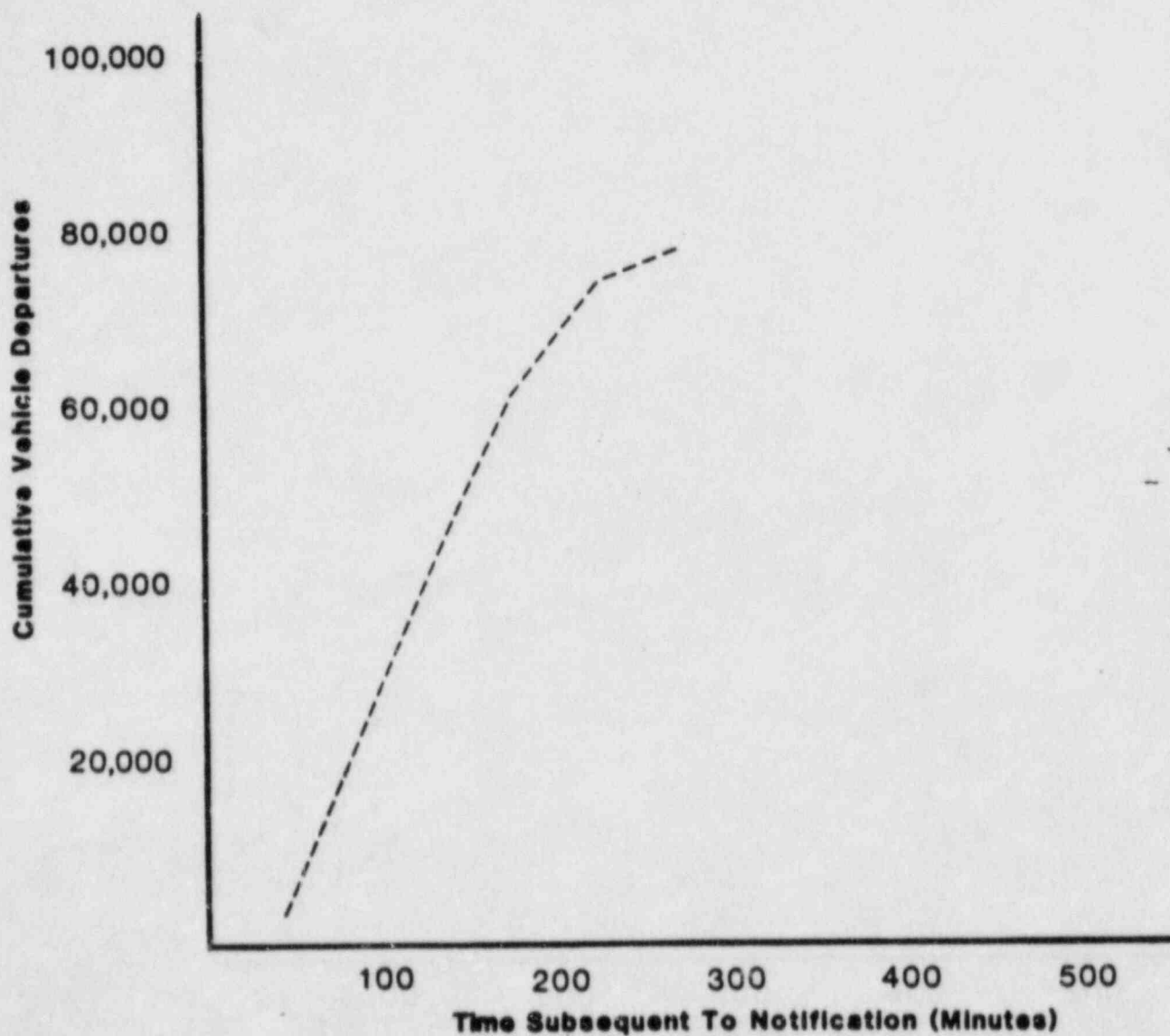


FIGURE 6.3 CUMULATIVE VEHICLE DEPARTURES FROM THE LIMERICK GENERATING STATION EPZ, SUMMER WEEKEND FAIR WEATHER CONDITION

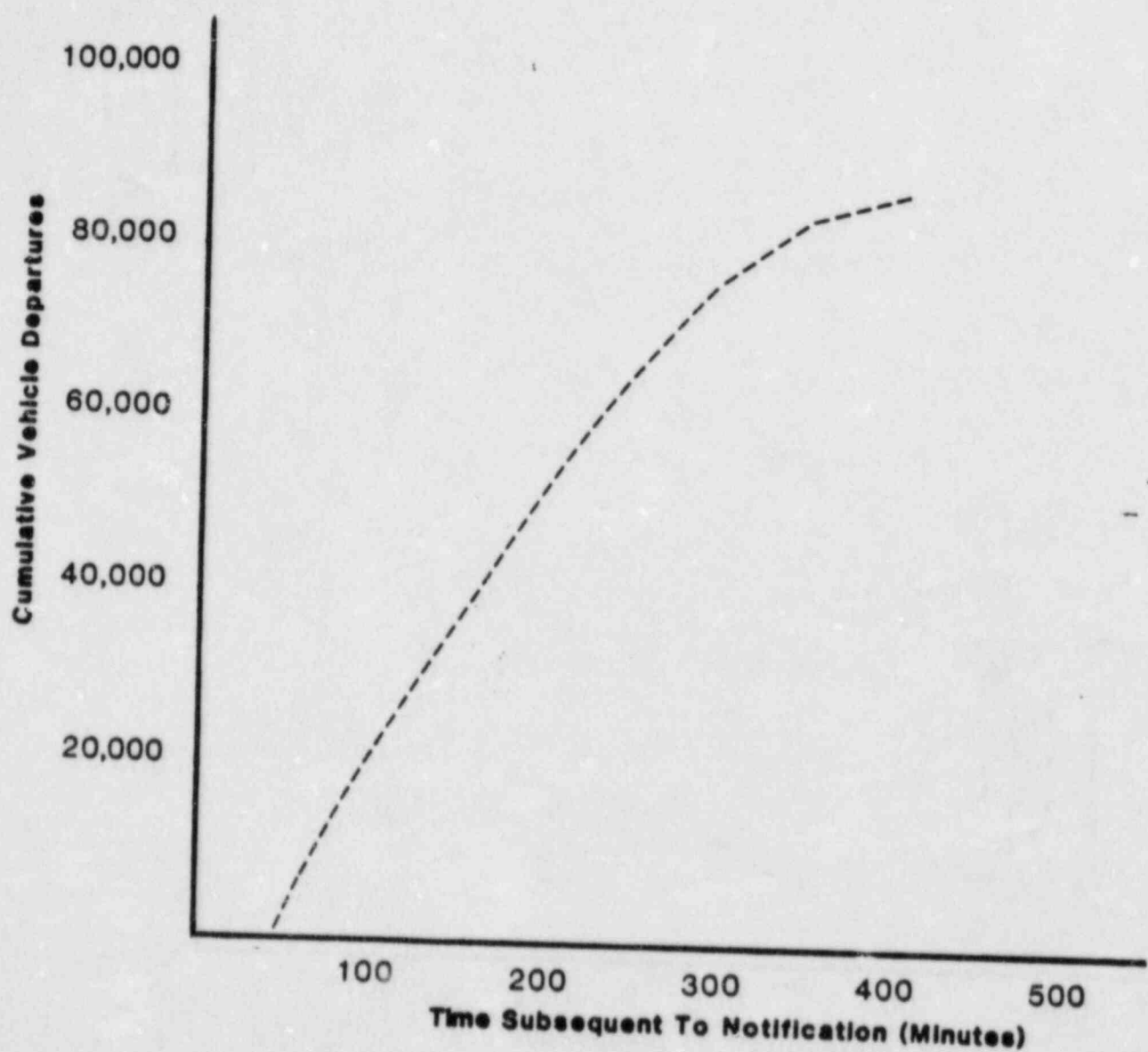


FIGURE 6.4 CUMULATIVE VEHICLE DEPARTURES FROM THE LIMERICK GENERATING STATION EPZ, WINTER WEEKDAY ADVERSE WEATHER CONDITION



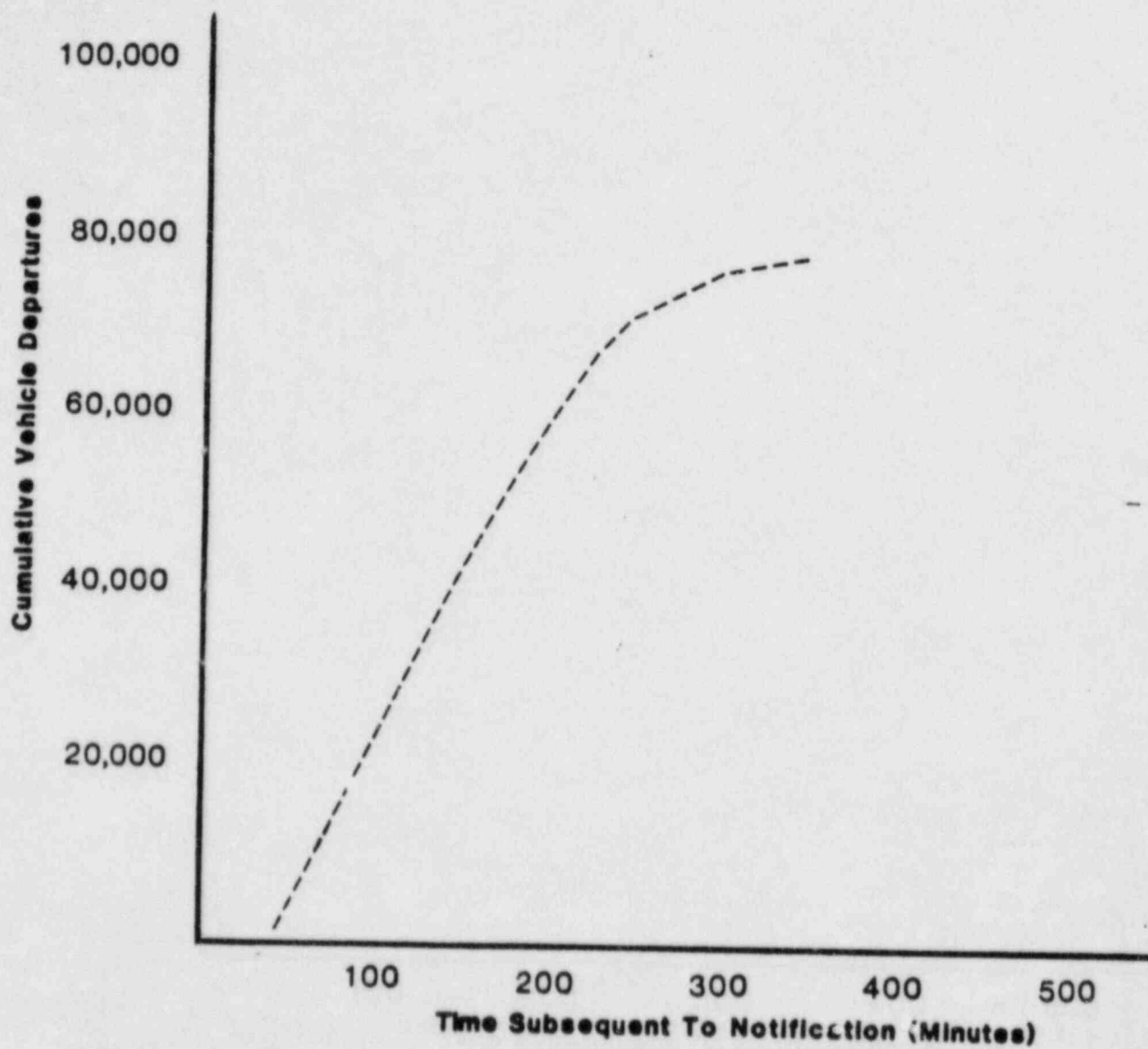


FIGURE 6.5 CUMULATIVE VEHICLE DEPARTURES FROM THE LIMERICK GENERATING STATION EPZ, SUMMER WEEKEND ADVERSE WEATHER CONDITION