



attempts to verify the media and by word of mouth that they did not. Table 2.12 shows that 55.2 per cent attempted in some

These findings may be attributed to differences in the socio-economic status of radio as opposed to television audiences. The data, however, do not permit a direct testing of this assumption.

Who Made Attempts to Verify the Percentage That Received the Same Media

Method	Per Cent That Received First Warning by Media
Radio	55.2
Television	32.6
Word of Mouth	11.7
Other	--
Unverified	.5

Type of Warning

An effort was made to determine respondents' perceptions of the nature of the warning they received. As already noted, the Weather Bureau repeatedly advised people in exposed areas to evacuate. Only in Cameron Parish, however, was a general evacuation order issued, though our data make it apparent that in all sites some persons believed they had received such orders and acted in terms of that belief. Respondents were asked, "Were you at any time ordered or advised to evacuate?" The results, classified by areas, are tabulated in Table 2.14.

Table 2.14. Percentage of Respondents from Each Area Giving Various Answers to the Question, "Were You at Any Time Ordered or Advised to Evacuate?"

Area	Yes, Ordered	Yes, Advised	No, Neither	No, Answer	Total	Number
Baytown	*	6	92	2	100	504
Calhoun County	2	34	64	*	100	200
Cameron Parish	14	65	17	3	100	208
Chambers County	5	24	71	*	100	221
Galveston	3	31	63	3	100	401
Total	4	27	68	2	100	1,534

*.5 per cent or less

radio warnings first, figures suggest that 55.2 per cent made verification of the warning by radio. Table 2.13.

In all areas except Cameron Parish, the majority of respondents said they were neither ordered nor advised to evacuate. Even in Calhoun County, over which the eye of the storm passed, 64 per cent of the respondents gave this answer. Only in Cameron Parish did a significant proportion of respondents report being "ordered to evacuate" (14 per cent).

The number and proportion of people in the sample from each area who evacuated, contrasted with the number and proportion who

Method of Verification

Radio	T. V.
500	847
59	203
11.8	24

8411290069 840522
PDR ADOCK 05000352
G PDR

Report of Ann Bly
Date 5/2/84
Requester Pharmacopria Co. Inc.
In the matter of Pharmacopria Co. Inc.
Nuclear Regulatory Commission
Staff Staff
Approval Staff
Interview
Exam & MTR
Other
Generator
Requester
Date 5/2/84
Requester Pharmacopria Co. Inc.
Nuclear Regulatory Commission

said they received advice or orders to evacuate, are given in Table 2.15. A direct relationship is seen to exist between evacuation and the advice or orders to evacuate.

Table 2.15. Comparison of Evacuation Rate with Advice or Orders to Evacuate

Area	Evacuees		Ordered or Advised	
	Number	Per Cent	Number	Per Cent
Baytown	199	39.5	34	6.7
Calhoun County	178	89.0	71	35.5
Cameron Parish	201	96.6	172	79.3
Chambers County	145	65.6	63	28.5
Galveston	268	66.8	137	34.1

In order to determine whether respondents reacted to warning in terms of a systematic evacuation plan, they were asked: "So far as you know was there a local plan for evacuation?" Table 2.16 contains the distribution of responses to this question.

Table 2.16. So Far as You Know, Was There a Local Plan for Evacuation?

Area	Yes %	No %	Don't Know %	No. Ans. %	Total Per Cent	Total
						Number
Baytown	16	66	17	1	100	504
Calhoun County	29	60	10	1	100	200
Cameron Parish	61	22	17	0	100	205
Chambers County	33	55	11	1	100	221
Galveston	49	35	13	3	100	401
Total	35	49	14	2	100	1,531

are given in Table between evacuation and

evacuation vacuate

Ordered or Advised	
Number	Per Cent
34	6.7
71	35.5
172	79.3
63	28.5
137	34.1

s ed to warning were asked: "So far on?" Table 2.16 con- ion.

r. Was ion?

	Total Per Cent	Total Number
	100	504
	100	200
	100	205
	100	221
	100	401
	100	1,531

In only one area, Cameron Parish, did the majority of respondents say there was a plan for evacuation. In other areas, less than half of the respondents knew of such a plan.

Cameron Parish is unique in this respect: In that area, an elaborate plan of evacuation had been worked out shortly after Hurricane Audrey in 1957. This plan had been highly publicized. Neighborhood civil defense groups had been established and had been meeting regularly for three years. Nevertheless, 39 per cent of the respondents from Cameron Parish said that no evacuation plan existed, or that they did not know of one. It is difficult to imagine how a plan of evacuation could be more publicized and more actively prepared than that for this area. Nevertheless, a substantial proportion of the population remained unaware of it. Despite these considerations, Cameron Parish had the highest evacuation rate for Hurricane Carla. Only three per cent of the respondents who were questioned did not evacuate.

There appears to be a relationship between knowledge of, or belief in, the existence of an evacuation plan and rate of evacuation. Table 2.17 shows the rate of evacuation compared to the proportion of respondents who said there was an evacuation plan. If Calhoun County, which received the greatest impact of the hurricane, is removed from Table 2.17, the rate of evacuation and the rate of knowledge about evacuation plans are seen to be directly related.

Table 2.17. Rate of Evacuation Compared to Knowledge of Evacuation Plans

Area	Per Cent Evacuees	Per Cent That Knew of Plan
Baytown	39.5	16.1
Calhoun County	89.0	28.5
Cameron Parish	96.6	60.6
Chambers County	65.8	33.5
Galveston	66.8	48.9