NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF:

THREE MILE ISLAND SPECIAL INTERVIEWS

DEPOSITION OF CRAIG A. WILLIAMSON

Place - Harrisburg, Pennsylvania

Date - Friday, September 28, 1979

Pages 1 - 49

Telephone: (202) 347-3700

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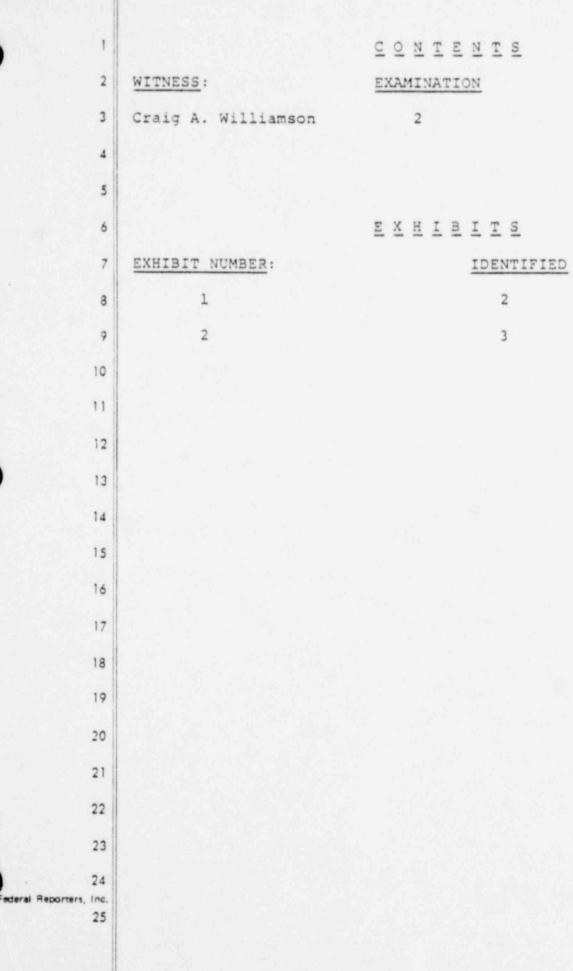
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	1	UNITED STATES OF AMERICA
	2	NUCLEAR REGULATORY COMMISSION
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	4	In the Matter of: :
	5	THREE MILE ISLAND : SPECIAL INTERVIEWS :
	6	SPECIAL INTERVIEWS :
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	8	DEPOSITION OF CRAIG A. WILLIAMSON
	9	Holiday Inn Town Motel
	10	2nd and Chestnut Streets Harrisburg, Pennsylvania
	11 12	Friday, September 28, 1979 10:00 a.m.
	13	BEFORE:
	14	For the Nuclear Regulatory Commission:
	15	MALCOLM ERNST FREDERICK HERR
	16	PETER SICILIA, JR.
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	4	(1J:00 a.m.)
	3	AR. ERNST: On the record.
		inereupon.
	5	CRAIG A. WILLIAMSON
	2	was called as a witness and, having open first suly sworn,
	1	was examined and testified as follows:
	4	EXAMINATION
	,	SY MR. ER.IST:
	15	. State your name and position for the record.
	1i	A 4/ full name is Craig A. Milliamson. I am deputy
	12	director of the Pennsylvania Emergency Management.
	13	In. Williamson, have you received a letter from us
	14	providing cartain important information concerning this
	15	aeposition? That's this letter here.
	15	A Yes, I have.
	17	. This letter is marked as Exhibit 1.
	13	(Exnioit identified.)
	17	BY MR. ERNST:
	20	. This is a photocopy of a letter that was sent to
	21	you?
	22	A That's correct.
	23	Inis confirms that your deposition here will be
	24	under oath.
	20	A That's correct.
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' -LAN	1	All Have you read the document in full?
	2	A Yas.
	з	Jo you understand the information set forth in the
	4	letter including the general nature of the inquiry, your
		right to have an attorney present and the fact that
	5	information you provide here may eventually become public?
	-	A I do.
	3	. Mr. Williamson, is counsel representing you
	1	personally?
	10	A .do.
	П	. I would like to note for the record that the
	12	witness is not represented by counsel today.
	13	If at any time during the course of this interview you
	14	feel like you would like to be represented by counsel and
	15	have counsel present, pleses advise me and we will adjourn
	15	these proceedings to afford you the opportunity of obtaining
	17	counsel. Is this agreeable?
	16	A Agreeable.
	19	Q You brought a copy of your resume to this
	20	deposition. This is that copy?
	21	A That is correct.
	22	MR. ERNST: I would like to enter that as Exhibit
	23	2.
	.+	(Exhibit 2 identified.)
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L'SLRA	1	BY MP. ERNST:
	2	. The document is entitled at the top "Biographical
	5	Sketch of Graig A. Williamson." It's one page. Does this
	4	accurately summarize your educational and employment
	5	packground?
	5	A Ic does.
	1	J Mr. Williamson, I wonder if you would describe for
	ż	ne your assigned, regular duties at PEMA.
	¥	A As deputy director, I am responsible for assisting
	10	the director of state, county, and local emergency
	11	management programs and to assure their coordination with
	12	like programs in other states and with the
	13	Federal Government.
	14	G So your basic responsibility is not coordinating
	ذا	inside Pennsylvania but coordinating with other
	15	governments other state governments and the Federal
	1.	Government?
	13	A No. It's coordination of state, county, and local
	19	plans within the Commonwealth with those like plans of other
	20	states and the Federal Government agencies.
	21	Q I see. So to that extent, your reasonably
	22	familiar with existing county plans and local plans?
	23	A That's correct.
	24	Q How did these duties change during the Three Mile
	25	Island accident? Like the first week or so. What were your

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principal duties during this period of time?

A By principal duties for the first several weeks in the FMI incident were those of assisting the director in the conduct of emergency operations associated with the FMI incident. In that respect, not greatly unlike my day to day responsitivities as fast as my relationship with the director and the duties and responsibilities of the agency.

3 Q A difference — I'm postulating now — might have y been that you were on essentially 24-hour emergency call so you were short of sharing the directing responsibilities?

A Not really on call but there all the time, assisting the director in things that had to be done in the agency and working in conjunction with the Governor's office and the Lieutenant Governor's office.

A Mat responsibility does PEMA have for assuring 15 the existence of county and local plans in correspondence 15 with the public law of 1978 in that such plans and staffing 11 are adequate and plans are capable of being implemented? 13 A The Pennsylvania Emergency Management Services Act 17 of 1978 establishes that responsibility with PEMA, and those 20 responsibilities are legally established for the agency. 21 As I understand it, is it true that all local 22 emergency coordinators were appointed at the time of the TWI 23 incident, recording that some were being replaced and in 24

the statule sing approved at that time, out that there

1 oLRo	i	were and that all county plans were written amergency
	4	plans were formulated, at least to the extent of the six
	3	councies involved in the TMI incident. There were county
	4	plans that had been reviewed by PEMA and were effective at
	ذ	that time?
	c	A Prior to TWI?
	1	. Yas.
	3	A The plans reviewed by PEAA were limited to the
	ý	counties of Dauphin, Lancaster, and York. At that time we
	15	were working with the five-mile radius evacuation plans and
	11	they only included those three counties I mentioned. When
	12	we want out to 10, we picked up Labanon and Cumperland, out
	13	to 20. Perry, to come up to your total of six.
	14	Let me clarify one point of a previous question I
	15	nad to make sure that the record is clear.
	15	The previous question, I also talked about local plans.
	17	Does PEHA have a responsibility for assuring the existence
	13	and adequacy of local emergancy plans? Not the county plans
	1¥	out the local.
	20	A Iney don't. The county coordinators have that
	21	responsibility under the state plan program. Did I
	22	understand your initial question to deal with local
	23	coordinators? You started off by asking about local
	24	coordinators?
	25	I did ask a question whether, to your knowledge,
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all of the coordinators had been designated, recognizing a
few were in the process of being replaced. I think your
answar was that they - the local coordinators were in
existence, designated at the time.

A That's correct. We have some 2200 local coordinators of record, duly appointed emergency management coordinators, out of approximately 2500 political subjictions. So there are a few who have not recommended an appointment and, therefore, are without the services of a duly appointed, at least, local coordinator. What physical planning, administrative, operational and other duties were assigned to the director

13 of PEMA by the Pennsylvania Emergency Management council in 14 correspondence with the Public Law 323 of 1978?

A The formal assignment of duties and
responsibilities for the director position are those
contained in the position description for that
classification. I am not in a position to recite them out
that would be the only formal setting out of duties and
responsibilities that I am personally aware of.

21 J During the TMI emergency response, what one might 22 describe as a de facto command center was apparently 23 established in the Governor's office, which consisted of 24 mayoe a half a dozen people who were relied upon by the 25 Governor in making recommendations.

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How did you relate to this function or how did PEMA relate to it?

A From time to time, Colonel Henderson, I believe, met with the group, either individually or collectively, and on several occasions I had contact with this group, as we will describe them. On one occasion, I had a lengthy conversation with Secretary Wilburn of the Office of Budget Administration concerning the adequacy of the then o-mile plans.

10 On another occasion prior to the Governor's announcement 11 of his recommendation involving pregnant women and 12 pre-school-age children, I was in the presence of the group as 13 they were discussing some of the ramifications of that 14 decision. That's the only two occasions that I was directly 15 involved with them. I was aware of the existence of those 16 supporting the Governor.

17 Q On these two instances, do you recall the 18 approximate time frame of this involvement?

A My conversation with Secretary Wilburn was on Saturday morning. That would have been March 31. The occasion of the meeting with the group in the Governor's office was in the morning, Friday the 30th.

23 Q Do you recall who was present at these two 24 meetings?

A The first meeting I described was limited to

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IDLR. Jr. Hilburn. The second meeting, I recall in addition to 1 the Jovernor, Mr. Gerusky, Press Secretary Critchlow, and Jay Maldman and others who I at the moment can't recall. 4 4 Do you recall some of the information sources that this group was relving upon at that time? 3 A In my conversation with Dr. Wilburn, I was 3 providing the information. On the other occasion, the 1 3 decision had been made before I arrived in the Governor's office as to what the announcement would be, so there wasn't 7 a great deal of discussion associated with what led to 10 11 making that decision. 12 When I left our emergency operations center, we had

received the telephone call from Mr. Collins recommending 13 evacuation but to 10 miles. Of course, we had the two 14 15 preceding calls from the plant. As I left on my way to the Governor's office, I encountered Mr. Dornsife, who is an 15 11 employee of the Bureau of Radiation Protection, and he 13 indicated to me as I was en route to the Governor's office 14 that he did not consider the NRC recommendation for evacuation out to 10 miles to be a valid one based on the 20 21 data that he had received from the plant. 22 He also indicated that the Bureau of Radiation Protection

had been attempting to reach our headquarters and couldn't because of the overload on the Commonwealth telephone system at that time and he was coming to personally deliver the

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So when I left for the Governor's office, I was not aware ć. of calls that I subsequently learned had been made to Commissioner Hendrie and conversations between the Governor and dr. Gerusky and these things that led to the decision and the Governor's announcement. My arrival at the i Governor's office was the first that I knew that Colonel Henderson's recommendation to the Governor was not coing to be accepted.

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1 oLRA	4	0 So your arrival was after Colonel Henuerson had
	2	gone to the Governor's office.
	3	A Talked with the Governor on the telephone, yes.
	4	It was subsequent to that conversation.
	c	So the PEMA - or Colonel Henderson's -
	С	recommendations were by telephone and not in person?
	ı	A That's correct. By telephone.
	э	G Then you were the personal representative
	*	subsequent to that time in the Governor's office?
	10	A That's correct.
	н	The conversations with Mr. Hilburn on Saturday,
	12	what was it that was discussed? You mentioned, as I recall,
	13	on the record some appraisal or evaluation of the apenuacy
	14	of five-mile plans. What specifically was discussed and how
	15	did Mr. Wilburn discharge his assignment?
	15	A' He was interested and I assume had been
	17	assigned the responsibility by the Governor to look into the
	13	matter and evaluate the effectiveness or the capacility of
	IJ.	the counties to evacuate if called upon to do so.
	20	So I explained to him initially the proceedings of the
	21	previous day, Friday the 30th, when we went from 5 to 10 to
	22	20, and indicated to him that we had no plans for the
	23	current 20 although we had been working all night in
	24	conjunction with the now six counties to develop them.
	25	He was interested in my evaluation of their ability to
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perfor, or carry off an evacuation even in the absence of 1 ustailed plans at that point. That conversation lau into a discussion about the adequacy of the written plans that we 4 aid nave, the five-mile plans.

What was your evaluation at that time? They were adequate for the circumstances A associated with an evacuation in the five-mile zone, where i. we ware dealing with something in the neighborhood of 26,000 3 people, and the evacuees would be taken care of in the 7 10 county in which they resided. Under those circumstances, it 11 was an adequate plan.

12 2 Here there any weaknesses identified at that time 13 that were surprising?

14 A No. not really.

10 what were the plans for taking care of some of the 2 15 more difficult evacuees, such as hospitals and nursing 17 homes?

13 A Well, the state Department of Health, working in conjunction with local health authorities - this was a very 14 2) large part of the preparation of an evacuation plan for the 21 20 mile area - they were busily engaged in that from 22 midnight Friday on until they completed it, utilizing the 23 emergency medical system people in the county, the county 24 medical society, authorities from the hospitals, nursing 25 homes. A team effort to get in place.

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The county planning effort would ultimately reflect a 1 deficiency in their resources to do what they wanted to do. 2 This would be relayed to us and we would attempt to resolve 3 4 the matter from other resources outside the area. When sufficient resources to do this were not available, then we ŝ would place a requirement on the Federal Government in the ć person of Bob Adamcik, the then Region II director of the 7 3 Federal Disaster Assistance Administration who had been designated as the coordinator of federal activities in 7 10 support of the Commonwealth.

11 Q Ware these resources required for hospital or 12 nursing home evacuation for the five-mile plan adequate at 13 that time?

14 Yes. Mainly because there are no hospitals A 15 involved, for example, in the five-mile evacuation zone. I 15 believe two nursing homes. Then, when we moved out to 10 11 and then to 20, which would include the cities of Harrispurg 13 and York, we picked up a total of 12 hospitals and something 19 in the neighborhood of 65 to 70 nursing homes, plus State Correctional Institution and six or seven other prisons. We 20 21 had a lot of special handling problems that didn't exist 22 with the five-mile treatment.

23 Q Was Mr. Wilburn also looking at the adequacy of 24 the current planning activities for the 10- and 20-mile 25 evacuations or was he only interested in the five-mile?

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DLI 4	i	A He was interested in discussing this out I had
	4	nothing to show him at that point in time other than some of
	3	the preliminary route assignments that had open made, so
	4	that was principally a discussion and a reporting to him on
	د	what we were doing and how we were joing it, which included
	ċ	at that point, we had assigned additional state people and
		additional federal people to assist the county authorities in
	э	their planning efforts.
	7	A Mare you aware of any other activities by
	10	Wr. Wilburn at that time in his evaluation?
	11	A No.
	12	Were any other groups or people requested by the
	13	Governor, or perhaps somebody else, to also assess the
	14	adequacy of planning?
	١ŏ	A Mr. McConnell John McConnell from the Defense
	15	Civil Preparechess Agency - had been designated to assist
	17	us in our evacuation planning, I celieve representing the
	19	White House, and it was our understanding that we do also
	19	utilize the experience of Mr. Adamcik and his outlet to the
	20	other federal agency people.
	21	Mr. McConnell visited, I believe, all of the counties.
	22	Pardon me, in the period of propably Saturday through Monday,
	23	in that time frame, he personally visited the six counties
	24	and I believe he reported back to the Governor on the
	25	adequacy of their planning affort as he viewed it.
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OLRI I Are you aware of afforts of the white House to evaluate plans on Sunday, parhaps, of Mr. Eidenburg or 4 Jessica Matchews or anyone of that nature? 5 4 A No. You're not aware of any plans that they might have 3 evaluated of anything like that. 3 1 A I am not. The only association that I would make with the White House was the presence of Mr. McConnell. 3 3 Here any recommendations made by Mr. (cConnell or + 13 by Mr. Wilburn as a result of their evaluations? 11 A As I recall, Secretary Milourn had no specific suggestions other than the povious suggestion that where in 12 13 14 most. we tried to direct our pest people there. 15 Mr. McConnell's report - it would be more of a report 15 than a recommendation - would treat generally now the 11 planning effort was proceeding, and if there were things 13 that needed to he bolstered or strengthened, he would 17 suggest that. There was no formal recommendation and I 20 can't recall offhand anything that he specifically suggested, 21 but there were things that you would expect. We reacted to 22 that. 23 G From the previous questions and answers, I would assume, then, that Mr. Wilburn was looking at the existing 24

five-mile plans for the three counties?

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A Inat's correct.

fou mentioned federal assistance for the necessary
 resources to conduct an evacuation. I think you said that
 such resources would not be necessary for the five-mile
 plan, that there were sufficient Commonwealth resources to
 do that evacuation?

A Not necessarily Commonwealth resources, out 1 resources within the Commonwealth, within Pennsylvania. 3 I infer from that, then, that federal resources 4 10 would have been required for a 10- or 20-mile evacuation? 11 A That's correct, principally in the areas of 12 additional doctors and nurses, additional amoulances, and 13 cots and plankets, and a neonatal airborne unit that we knew 14 of as being available for evacuating incubator infant 15 proplems.

Inose are the ones that come immediately to my mind as
 being the most critical ones. There were others out those were
 the most critical.

17 Q Where would resources like this come from and what 20 kind of time frame was necessary for response?

A Avil, the American Red Cross- there were a number of federal agencies that could provide some resources in terms of eduitional doctors and nurses, but the assistance offered to Ar. Adamcik by the imprican Red Gross was the most promising.

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1 is I recall, we were talking about something in the neighborhood of 150 to 200 nurses and 50 to 100 doctors. 2 I'm not sure of the figure. They said they could provide 3 that, I believe, within a matter of 12 hours. Located at 4 the Letterkenney ordnance depot in Champersourg, which is 2 about 45 miles from here, there were 100 or something close Ó. 1 to 100 ambulances and I believe the selivery time, if you 1.4.1 will, on that was something in the neighborhood of four nours because of their need to muster drivers, principally. ¥ 10 The equipment was ready to go.

II from there were additional resources, but then you got into a time frame that was considerably greater than the hours that we were looking for.

14 2 daat kind of additional resources would have been 15 needed?

A Well, at that point we needed more ambulances than the 100 at Letterkenney. I forgot the details of where they were. Perhaps at Meade or something like that, but they were talking about a lear ime in hours that would have made it extremely difficult working with the two- to eight-hour kind of advance warning that we had been told we were working with at that time.

23 2 What was the source of this two- to eight-hour
24 advance warning?

25 A As far as I'm concerned, Colonel Henderson picked

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this up at one of his meetings or oriefings with the NRC
 people and the Governor. On one of the occusions when he
 attended those sessions.

Considering the necessary resources, what was your reasonable estimate to conduct a 10-mile and a 20-mile evacuation at the time that you were first advised that you nad to start preparing for a 10- or 20-mile, before you had started the process of working on plans and getting things in motion?

A I don't really believe that — if you're talking 15 of the period, say, midnight Friday hight, how long would it 11 have taken us to conduct a 10- or 20-mile evacuation. I 12 13 don't really have any sophisticated guesses as to what that time element might be. He did compute with the 14 10 circumstances we were dealing with on Sunday, April 1, that we could conduct a 10-mile evacuation in seven hours, a 15 11 20-mile in 10 hours. Assuming that we did not have any unusual problem associated with the special handling cases, 13 nospitals, nursing homes. 14

20 1 How was this computation made?

A This was made in conjunction with the Department of Transportation as far as traffic flow was concerned, and consultation with the state Department of Health and Public Welfare emergency response members working with us in the EDC.

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(ou are seating with Chuck Crows later on today. He can give you more detail on Penn JOF's involvement in the computation of traffic flow.
1 I think I recall somewhere on the record that this computation might have been an assumption of maybe 30 miles per nour for cars and three occupants per car or something

of that nature.

A fnat's correct.

J Maybe half the people left in the area that have
to get out by automobile and a few things like chat.
A I don't believe we used that high a factor on
voluntary evacuation. I think it was less than half. I
think it was a third or something.

14 A third left or a third that he evacuated?

A No, that figure — those figures of 7 and 10 hours were on total evacuation of the area. As I recall, the was not taking into consideration any voluntary evacuation. At that point, we were generally aware that there had been such a thing, but we didn't have any good intelligence on the degree of it.

Now, this was predicated on the situation as it existed then. The patient load in all of the hospitals had been reduced to about 25 percent of what was normal by the hospital authorities and everybody was leaning forward, if you will, in anticipation of having to do something. Of course, the

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had been alarted. As I recall, the patient load was something in the neighborhood of 4000 and subsequently was reduced to 1000. ÷ ¥. N ý 2) POOR ORIGINAL

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Q I know it's difficult to make a judgment, but I would 1 like to pursue the point one more time. Considering seven 2 hours and 10 hours for a 10- and 20-mile evacuation on Sunday, 3 what would be your professional judgment -- realizing the 4 inaccuracies of the judgment -- of a 10- or 20-mile evacuation 5 at midnight Friday? 6 Clearly, I am not asking to the nearest hour or anything 7 like that. Would it be a factor of two or three higher; what, 8 generally? 9 I believe it would be reasonable to add a 10- to 12-10 A hour period to those figures. 11 12 0 There were a number of meetings with the Governor and Lieutenant Governor, a number of press conferences, and 13 things of this nature. How often were you a representative 14 from PEMA at meetings of this nature, say, through Sunday? 15 16 A I attended or participated in several press conferences and meetings with the Governor and Lieutenant Governor 17 on Wednesday, the 28th and Thursday the 29th. I participated 18 19 in the single meeting and press conference in the Governor's Office on Friday morning. Those are the only press conferences 20 or meetings that I personally attended during the period. 21 Was PEMA represented -- by "PEMA," I mean the staff, 22 0 not the Lieutenant Governor or the counsel -- was the PEMA 23

staff, yourself, Colonel Henderson, or some other staff member

present at all or most of the meetings with the Governor,

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Lieutenant Governor, at press conferences and things of this
 nature through Sunday?

3	A I would say nost of them in the period Wednesday
4	through Sunday. I attended one additional session, which
5	relates to your previous question, that just comes to mind, I
6	believe Sunday evening. The Governor had a briefing for members
7	of the General Assembly in the vicinity of the area, at the
8	Mansion. Colonel Henderson and I both attended that function.
9	Q There was quite a bit of information presented at
0	these meetings, technically, after Mr. Denton was a participant
11	at the meetings. What did PEMA do with the information gathered
12	at these meetings?
13	A When the agency was represented at one of the meet-
14	ings, it was Colonel Henderson that represented the agency, and
15	I would bring back to the staff those pieces of information
16	that were of interest to our evacuation planning effort.
17	Q This was for use by the PEMA staff?
18	A Right. There were a number of those meetings and a
19	number of associated press conferences that we weren't included
20	in. We didn't know of their occurring.
21	Q I am a little confused. Would you clarify, please?
22	I thought you answered a previous question saying PEMA was
23	represented at most, if not all, meetings and press conferences
24	through Sunday.
25	Now, it seems like there were a number

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A Let me clarify that. I am now talking about the 1 period subsequent to Sunday, April 1. There were a number of 2 meetings, particularly those between the Governor and 3 Mr. Denton, that we waren't included in. 4 0 Okay. Getting back to the time frame Wednesday 5 through Sunday, this was the time of interest for this particu-6 lar question, which was: What did PEMA do with the information 7

9 Your answer there was: The information that was pertinent to
10 emergency planning was disseminated by either yourself or
11 Colonel Henderson to the PEMA staff.

obtained at these meetings Wednesday through Sunday?

12 A That's correct, and then to the field. If it had 13 something of application to our PEMA assigned to the counties, 14 we gave it to them with the instructions they were to share 15 it with the counties.

16 Q Is it true that another function of PEMA, other than 17 planning, is one of information dissemination?

18 A That's correct.

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19 Q Again, sir, there was considerable concern expressed 20 by the counties that they weren't getting timely information 21 regarding the status of events and the status of the plant and 22 what might happen next. Why wasn't PEMA routinely disseminat-23 ing information of this nature that they obtained at press 24 conferences and so forth to the counties?

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The information that was obtained at these meetings

was provided to the County Directors. Our principal source
 of technical information, of course, according to the plan of
 the Commonwealth, is the Bureau of Radiation Protection.

The bulk of the information and guidance we were getting from them was such that it was a no-change situation, about the same, this kind of thing, which really didn't give us a great deal to impart to our field people.

Q That's a fair statement for Wednesday, Thursday, and
9 Friday morning; but what about Friday, Saturday, and Sunday,
10 which was, I think, the time frame of most concern expressed
11 by the counties, to our knowledge anyway?

A As I indicated in previous testimony, we attended --Colonel Henderson attended most of these conferences. He didn't attend all of them. The information that had anything to do with our role as we then believed it to be, that of purely preparing evacuation plans, was given to the counties.

Everything that we had they got, but Tuesday or Wednesday, 17 which would be early April, we learned of the daily reports 18 that were prepared by the Nuclear Regulatory Commission, 19 20 learned of them indirectly through some source -- the Federal Disaster Assistance Agency had a copy of one -- and then, when 21 we managed to get on the distribution list for that, then we 22 23 had a little bit more to provide the counties with, and we did 24 that regularly, with the information we could get from any other sources -- authoritative sources. 25

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O As I understood it, these NRC announcements or brief-1 2 ing papers, or however you want to describe them, were distributed to the press at every press conference -- at least once 3 they started to be distributed. 4 Are you aware of when these NRC releases first were made at 5 these press conferences, what day they first were started to 6 be distributed to the press conferences? 7 A Yes. I can't recall the date, but when we learned 8 of the availability of the report and when we got on the dis-9 tribution list, we also asked for past copies and these were 10 11 telecopied to us and covered the previous -- it must have been 12 five or six days. Whenever that process started, when we learned of it, we were about six or seven behind. 13 Was there ever a formal or informal instruction 14 0 15 to state agencies that the Governor's press office would be 16 the sole source of information on TMI? 17 I: was our understanding that that was the A 18 Governor's desire, that Mr. Critchlow, his press secretary, 19 would be the source of information relating to the incident. Q Was this a contributing factor to PEMA's distribu-20 tion of only planning information to the counties instead of 21 22 status information? Yes. 23 A Q On March 28th, at about 2:00 to 3:00 o'clock in the 24

afternoon, Mr. Miller, Mr. Herbine of Met Ed, briefed

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	1	Lieutenant Governor Scranton. Were you or a PEMA representa-
	2	·tive present at that particular meeting?
	3	A I was not. I don't believe any representative of our
	4	agency was. But I am not absolutely certain of that because I
	5	was not present.
	6	Q Are you aware of the meeting at all or who may have
	7	been there?
	8	A No.
	9	Q As I understood it, you were on duty when the two
	10	phone calls came in from Met Ed on Friday morning.
	11	A Yes.
	12	Q One was a Mr. Floyd, calling Mr. Kuehn; and another
	13	one was someone from Met Ed, calling Mr. Cassidy. Are you aware
	14	of who made the second call, the one to Mr. Cassidy?
	15	A No, I am not.
	16	Q Could you please describe the calls or how you
	17	became aware of these two calls?
	18	A I became aware of the two calls as a result of being
	19	advised of them by, I believe, our operations supervisor some
	20	minutes after the conclusion of the individual telephone
	21	conversations.
	22	Q So this was secondhand, either Mr. Kuehn or
	23	Mr. Cassidy talked to you directly about these.
Federal Reporters,	24	A That's correct.
	25	Q How did PEMA decide to recommend evacuation

1 following these calls and the ones from Mr. Collins. 2 Please state that drain. A 3 Rephrased: After these calls, these two calls, 0 4 combined with some telephone calls from Mr. Collins of the 5 NRC, Colonel Henderson recommended to the Governor a five-mile, 6 360 degree evacuation. I was curious about the discussions 7 within PEMA prior to Colonel Henderson's recommendation and 8 what was discussed, and how was it decided that this recommenda-9 tion should be made. 10 Following Mr. Collins' conversations with A 11 Colonel Henderson, I subsequently reported the gist of the 12 conversation to Mr. Gerusky and asked him to get back to us 13 with their recommendation. At that point, or shortly thereafter, we had 14 a second call from Mr. Collins, indicating that his previous 15 recommendation had the support of the -- I forget the exact 16 words -- the brass or the Commission -- or the Commission, 17 something -- and there was a very limited discussion among the 18 management element of the agency because so many different 19 things were going on at the same time and we were doing so 20 many things simultaneously. 21 What we did -- shortly thereafter, the Governor called 22 Colonel Henderson and asked for an analysis of Mr. Collins and 23 asked him what his recommendation was, and we had a hasty conversation 24 prior to Colonel Henderson talking with the Governor. Inc.

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Under the circumstances that we had at the moment -- the two

calls from Mr. Collins, two calls from the plant, one of which
 was identified as a very excited kind of conversation -- we
 felt that we had no other prudent position than recommending
 a 5-mile evacuation.

5 In the absence of any information to the contrary, that 6 seemed to be the prudent thing to do.

Q Was there a telephone call from Colonel Henderson
or perhaps yourself to the Governor's office after the TMI
calls but prior to the telephone call from Mr. Collins?
A There was a telephone conversation between Colonel
Henderson and the Lieutenant Governor. I don't believe there
was a conversation between Colonel Henderson and the Governor
during that time frame.

Q And the purpose of that was just to advise the
Lieutenant Governor of the TMI telephone calls?

A Right. And a similar call was made following
Mr. Collins' initial call.

Q Which counties were called by PEMA on the morning
of March 30 regarding a possible evacuation; that is, Friday?
A Dauphin, Lancaster, and York Counties were informed
of the calls and were told to stand by and that evacuation was
a possibility.

Q Do you recall who made each of these calls?
A I believe Colonel Henderson made them. I don't know.
I believe Colonel Henderson did.

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1 Q At the Governor's meeting Friday morning, you 2 indicated that you weren't present at the decisionmaking 3 process -- during the decisionmaking process. Could you 4 describe to me what was decided? 5 When I entered the room, I noted Mr. Gerusky lament-A 6 ing the fact that the announcement was going to be made. He didn't believe that that kind of action was indicated. But 7 8 he indicated to me that he understood that the Governor had to 9 do that in light of what had been recommended by NRC. 10 There were a number of questions addressed to me by the Governor . 11 and others in the group as to numbers of schools involved and 12 where would the people go and these type of things. Then most 13 everyone left the session except the Governor, myself, and, I 14 believe, Mr. Waldman. 15 The discussion then had to do with the upcoming press con-16 ference, arrangements that were being made to carry that. 17 0 There was one discrepancy that we seem to have run 18 into in these advisories that went out. Let me describe to 19 you the problem. At noon on March 30th PEMA sent a teletype to 20 all affected counties lifting the "stay indoors" advisory. 21 You are aware of that teletype? 22 A Yes, sir. 23 However, also about noon, the Governor held a press 0

conference at which, in answer to a question, he said that the

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advisory still remained in effect.

Then subsequently, at a 10:00 p.m. news conference on 1 Friday, the Governor officially lifted this advisory, effective 2 immediately. We were just unclear as to the circumstances 3 regarding this apparent disrepancy. 4 It would appear to me that it's a discrepancy. I 5 A was not present in the headquarters when the teletype message 6 was transmitted to the counties. I learned of it later. It 7 appears to me that it was a misunderstanding between PEMA and 8 9 the Governor's office as to that item. 10 Do you know where PEMA headquarters got its informa-0 11 tion to support the teletype? 12 No, I don't. A 13 Do you recall the nature of the original advisory 0 that was to "take cover" at 10:00 o'clock? Was the nature of 14 15 that the two-hour advisory or an open-ended advisory? 16 A It was until noon, as I recall. 17 The original one. 0 18 The original one, the one that was issued mid-A 19 morning. 20 0 We are a little curious as to how there could be a 21 teletype out to the affected counties saying one thing and then the Governor at a press conference saying something else, and 22 23 the public not reacting to whether or not they should still 24 take cover. Is there any explanation of why this went 25 unnoticed by the public?

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1	A The teletype message is directed to the County
2	Emergency Management Coordinators. At this period, and con-
3	tinuing, we were doing our best to keep the counties informed
4	of decisions that were being made, press conferences that were
5	being held, and announcements that were being made as a matter
6	of information to the emergency system. We didn't we
7	weren't providing that for them to notify the public, because
8	in most instances it was after-the-fact kind of information
9	which frustrated us, but we kept plugging along.
10	Q So you would not have expected the county organiza-
11	tion to do anything with regard to notifying the public based
12	on the teletype?
13	A No, because the pross conference and the Governor's
14	announcement had already been made at the time that that was
15	transmitted.
16	Ideally, we would like to get this kind of information to
17	them ahead of the fact so they have it and don't have to hear
18	it from some other source, but even under those circumstances,
19	we would not expect them to make any public announcement
20	unless we requested them to do so.
21	If this was necessary or desired, we would so indicate in
22	the body of the message.
23	Q During your meeting with the Governor at 10:00

Q During your meeting with the Governor at 10:00 o'clock or thereabouts on Friday morning, what was your opinion to the Governor regarding the state of readiness for a

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five-mile evacuation?

A I wasn't asked that question.

Q As I understand it, for nuclear power or fixed-fault kinds of accidents, PEMA relies on BRP for technical evaluations and recommendations regarding protective measures and things of this nature.

However, the emergency response to implement a protective measure such as evacuation again, as I understand it, it is the responsibility of PEMA as far as coordinating, directing, things of this nature, what are the peacetime, radiological exposure criteria for emergency doses and lifesaving doses for PEMA personnel and other people who would be critical to a successful evaluation such as the State Police and National Guard?

14AI can't answer that. That information we would15expect to be provided by the Bureau of Radiation Protection.16QBut there are no criteria existing. This would be

17 an ad hoc determination?

18 A It has been established, and it's part of our plan.
 19 I can't personally quote the numbers.

20 Q What are the consequences of an evaluation? Clearly, 21 an evaluation is taken to protect public health and safety from 22 some potential or actual hazard, but what are the consequences 23 of an evaluation? It clearly is not a consequence-free 24 measure.

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Well, you are disrupting the lives and exposing them

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to certain dangers which are an inherent part of any evacua-1 tion. We attempt to minimize those in doing our best to 2 effect an orderly evacuation with the kind of traffic control 3 and the kind of assistance that are required under those circumstances. 5

The consequences of some of the special-handling kind of 6 evacuees is quite a decisic . If you are moving aged or infirm, 7 ill people, the gamble there is you are going to lose some if 8 you move them. 9

The consequences of particularly that group who have medical 10 11 problems, some of the consequences are quite difficult. You're damned if you do, and damned if you don't, that kind of thing. 12 How strongly do these consequences enter into your 13 14 decisional process for making recommendations regarding 15 whether or not to evacuate?

Well, some of the later consequences that I described 16 A are more appropriately applied to movement plans for a special 17 18 group as contrasted to an evacuation of a large area. Maybe under one set of circumstances it would be better to let the 19 residents of a nursing home or hospital, a certain segment of 20 the hospital patients, remain there even though the area 21 22 generally would be evacuated.

A number of these kinds of special considerations would be treated perhaps independent from the general decision to evacuate an area.

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1	Q The Dauphin County emergency plan, dated April 6,
2	1979, which was put together after the TMI incident and was a
3	planning document for 5-, 10-, and 20-mile evacuation, states
4	that "After evacuation of hospitals, PEMA will provide
5	emergency services in the evacuated area." We were curious
6	what this type of statement means. Generally, how would an
7	injured person or someone within the evacuated area, after the
8	hospitals are no longer functional, what would PEMA do about
9	this kind of situation? Is it PEMA's responsibility? What
10	would they do?
11	A Are you talking about someone that was injured as
12	part of the evacuation?
13	Q Perhaps.
14	A I don't understand your question.
15	Q Perhaps. The statement basically indicates to me
16	that somehow PEMA picks up the responsibility for somebody who
17	is injured within the evacuation area, but after the hospitals
18	and facilities are not longer functional
19	A I don't know that that is meant in that manner.
20	As far as the Dauphin County plan is concerned, those ser-
21	vices provided outside of Dauphin County are the responsibility
22	of PEMA. Medical assistance would be provided in the support
23	counties through available medical facilities, just like it
24 rs, Inc.	would for any other resident of that parti lar county utiliz-
25	ing available medical resources, perhaps augmented where the

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	1	support county has indicated a deficiency.
	2	Q Augmented by FEMA actions?
	3	A That's correct.
	4	Q To what extent i: _eliance placed on the State Police
	5	during an evacuation?
	6	A Well, they are the principal traffic control element
	7	associated with this kind of planned evacuation. This is their
	8	set and assigned role.
	9	Q As I understand it, the State Police was on a four-
	10	hour white alert during this time period. Would that affect
	11	their ability to respond in case an evacuation had been
	12	necessary?
	13	A I believe it was the National Guard that was on a
	14	four-hour white alert.
	15	Q If they had been on an alert status, would that
	16	substantially affect the ability to evacuate?
	17	A It would increase the mobilization time. If I
	18	understand your question correctly, it would increase the
	19	mobilization time by that number of hours that it would take
	20	for them to muster sufficient forces in the area to effectively
	21	control an evacuation. I think it's important to understand
	22	that our understanding of our mission, following the TMI
	23	incident, was to proceed with your evacuation planning. But
anderal Banarray	24	we understood very clearly, and accepted and supported the
centroeran neborters,	25	Governor's desire to play this down as much as possible, so
	1	

things that we would have done normally had we been anticipat-ing some other kind of emergency or disaster, we didn't do in this instance because of the effect that it would have on the public.

This includes the mobilization of State Police. You don't move a lot of troopers into an area without arousing somebody's curiosity.

The same thing is true of the Pennsylvania Nat al Guard. We would normally move some of our stockpile facilities, resources, in closer to where we plan for their possible use.

These things weren't done because of the effect it would have.

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() elros	4	. Ine Jauphin County emergency plan of April *73.
	2	which is the one in effect at the time of the TWI accident,
	3	anticipates that a representative from DRP will be at the
	4	county emergency operations center, if possible, to assist
	2	in the evaluation of incoming information.
	2	Also, as I recall, during the TVI accident, there was an
	4	aumitted shortcoming in either PEMA or understanding the
	3	proclems, that BRP would have perhaps been more sole to
	1	effectively communicate with PEMA had they had a
	10	representative in your emergency operations center.
	11	A Right.
	12	In your view, how important is this direct
	13	interface with BRP at the state level and at the county
•	14	lavel in a situation like this?
-	15	A I think it's extremely important that rad
	15	protection of capable and competent personnel in the state
	17	emergency operations center to give direct technical advice
	13	to the council and the agency and the emergency response
	12	teams.
	20	I don't believe it's necessary for them to be directly
	21	represented in any one county. We have the means of getting
	22	that information to the counties when it's made available to
	23	us.
	24	I assume that the reason that that was included in the
	25	Jauphin County plan is that they were given some
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i encouragement to include that as a planning assumption pased
2 on the if possible kind of --

I local emergency coordinators, and clearly in my mind there should be a difference as to what is contained in the various emergency plans as you go from the state level down to the local level.

Would you please give me your observations as to what
 level of detail should be contained in state plans, county
 plans and local plans? what you might expect to find to
 have the most effective reasonable plan.

13 A In my view, the state emergency operations plan 14 should be a guide for state, county and local energency 15 forces to conduct disaster operations. As you do down from 15 the state plan to county plans and to local plans, more and 1, more detail should be provided down to the point where you 13 have telephone numbers and intersections and assignments and individual's named and that type of thing. That is the kind 14 20 of detail that belongs in the local plan.

A certain amount of specific detail, less than that contained in the state plan -- more than that contained in the state plan but less than that contained in most local plans, should be what is found in county plans. Now, there is some variation as to the method of

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ros	1	planning in several counties in the Commonwealth. Some
	2	county organizations rely more heavily on the county
	3	organization to conduct emergency operations with less
	•	involvement on the part of local organizations. There is a
		bit of flexibility in that across the Commonwealth.
	э	Now, the individual Commonwealth departments and agencies
	1	should have plans in considerable detail associated with
	з	their duties and responsibilities associated with
	,	emergencies, all under the umbrella of the Pennsylvania
	15	Disaster Operations Plan.
	11	Now, generally that's our approach to planning in the
	12	Commonwealth. Under most circumstances, it seems to track
	13	well. The one possible exception has been planning
	14	associated with fixed nuclear facilities.
	12	We are providing more detailed guide answer in Annex E.
	15	for example, than we would normally for some other kind of
	17	disaster, out we feel we have to so this.
	13	Q Why? In what areas?
	19	A Mainly because emergency plans essociated with
	20	fixed nuclear facility incidents are scrutinized by people
	21	who, for one reason or another, either don't have our
	22	disaster operations plan available to them or don't take the
	23	time to wade through it, it being a document of considerable
	24	size. So we have attempted to have our emergency planning
	25	for fixed nuclear sites be not so dependent on our

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Aros	1	umprella plan as we do in other I don't know if that
	2	makas any sanse or not.
	3	I Taking the Dauphin County plan of April 5th as an
	4	example for discussion purposes, this particular plan
	c	contained a fair amount of Jatail, as I recall, in the area
	3	of coutes and placement of signs and people and cars and
	1	buses and things of this nature. So I guess it would be
	3	fair to characterize that as a compination county/local
	¥	plan.
	10	A Yes.
	11	a That is, in essence, I guess, how it was
	12	developea?
	13	A Right.
	14	Is this the kind of detail that you feel is
	15	necessary for local plans?
	15	A In support of county plans, yes. Since that
	17	April 6th date, in this vicinity, a number of local plans
	13	have been developed by subdivisions in the immediate area
	17	that strengthen, if you will, the county plan and flow with
	20	it.
	21	A How often would such plans have to be updated,
	22	since they are so very specific?
	23	A Our current instructions are at least annually.
	24	Q Is it a fair statement that existing county plans
	25	at the time of TMI had virtually no detail in them except
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i notification requirements?

A Limited detail.

J It's also fair to say that there were no -- or
 + essentially no -- local plans in existence at that time?

A There were few local plans in existence. A There were few local plans in existence. A Then we seem to have a disagreement of what pernaps yourself or maybe PEMA in general feels is necessary For adequate planning on the one hand, as opposed to what was in existence on the other hand. Is that a fair

10 statement?

11 A do. I think that's based on the assumption that 12 if you don't have a written plan you can't possibly react to 13 an emergency. I don't believe that's a valid assumption. 14 We find in our dealings with county and local emergency 15 organizations that written plans are not their strong point. 15 but they can implement their plans -- they have organizations who we have confidence in as a result of 11 working with them that can implement and get the job done 13 17 without volumes of writt n plans.

Now, we would like to have many more written plans of the type that we are all comfortable with, out getting them is something else. One of the problems that we have following an incident, for example, like TMI is to convince or somehow interpret for someone who is not familiar with the county emergency organization, for example, the fact that they

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nave the capacility to implement their plan, even though the
plan is not written or if it is written, it's in less than
desirable form in substance.

Then you would characterize an emergency plan -- a detailed emergency plan as desirable but not necessary?

Enat's correct. Highly desirable.

a Anat about plans for federal coordination? Is it
 clear that everyoody knows who the actors are and what the
 state-federal interface is and who you go to in an emergency
 quickly and how fast the response can be? And are these
 procedures and definitions of responsibilities clearly set
 forth?

A I believe they are clearly set forth and understood by employees of Pennsylvania Emergency Hanagement Agency, yes. Now, some of the relationship between federal agencies and other Commonwealth departments and agencies sometimes is not that clearly known to us.

16 We are generally familiar with the kinds of emergency 19 assistance available from all federal agencies but the 20 intricate detail of some of it is contained by individuals 21 in that state agency. They know more about their federal 22 counterpart than we do.

23 J Okay, is it fair then, to rephrase that that you
24 are intimately familiar with those agencies providing
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J sirest support to things like evacuation, such as OSPA and FUAA, out Ar. Gerusky would be more familiar with those kinds of responses necessary from DUE and radiological monitoring?

A Fnat's correct. We are generally familiar that
that kind of assistance is generally available, and
generally who can provide them, but the Eureau of Radiation
Protection knows specifically what kind of assistance is
available and how to obtain it.

10 The same condition exists, for example, with US 11 Department of Agriculture. We are familiar with many of their disaster programs because we are in and out of them 12 13 almost on a daily casis. There are other kinds of 14 assistance that is availably to a state through USDA that we 15 don't have that much occasion to become involved in, but the 15 State Department of Agriculture knows these avenues and we 17 look to them and their emergency response team members to 13 provide the missing link.

17 Q That's about all I have in the way of questions.
20 Do you have anything else you would like to state for the
21 record at this time regarding any aspect that might help our
22 inquiry?

A I don't believe so. I can't think of anything.
In those instances where there has been something that I
thought I could add that would better describe the

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substance being talked about: I have done that.

2 Lit me ask you one more question, I quess to try 3 and wrap up this local plan aspect.

4 I think you previously said that PEWA has no responsibility for the existence or adequacy of local 3 piers. But you have also said that detailed local plans, at ŝ. least in your view -- and I assume in PEMA's view -- are х. highly desirable. It would appear to me that PEMA would be 5 interested in trying to assure that such plans exist, and I ÷ 10 wonder if you could tell me to what extent PEMA might carry 11 this interest?

12 A I don't know that -- if I indicated we have no 13 responsibility for the preparation of local emergency plans. 14 Legally or technically, that's so. But we are constantly working with county directors in the development of model 15 15 local plans and continuing to pressure them, if you will, to 11 get but and work with their locals and develop the kind of 13 plans, detailed plans, that are essential and will make an 14 emergency operation go that much more smoothly. 2) is do a lot of this. This is the kind of day-to-day 21 assistance that we provide counties. We are constantly

24 after them to improve and update their own planning effort 23 and to get in and pitch and help the local folks develop and 24 update their plans.

MR. ERNST: Mr. Harr?

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3/ 17. HERR:

I have several areas where I would like to the up some loose ends. You mentioned at the start that when the evacuation planning went out from five to 10 miles -- I oblieve it was Friday -- that this expanded the number of counties from three to five. I think you said Lebanon and Cumperland counties were included.

A That's correct.

J To your knowledge, was Lebanon County advised to
 begin a 10-nile evacuation plan on Friday?

I would have to answer that by I assume sp. I
Jidn't personally speak with Lebanon County concerning that
out I assume that someone else on the staff did.

14 J Do you know when the notification went out to the 15 counties to begin 10-mile planning?

A No. It happened in that period from mid-morning to noon, while I was in the Governor's office, but I assume it occurred during that period, but I don't know that as a matter of fact because I was not in headquarters. That would be my educated guess, that we notified them during that period.

24 J Okay. You mentioned also that there are somewhere 23 around 2200 localities within the state that have local 24 coordinators and I believe you said at the time of the 25 accident there were a few localities that did not have local

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10530	1	coordinators?
	4	A fast's correct.
	ŝ) Ware any of those within the 20-mile zone
	+	surrounding 141?
	2	A I couldn't tell you that. I could get that
	3	information for you out I don't have it at my fingertips.
	1	I would appreciate if you could provide that
	3	information to us.
	¥	A Fine.
	15	You mentioned that a PEMA representative was
	11	present at most of the meetings or priefings in the
	14	Governor's office through Sunday. However, you weren't
	15	present after Sunday. I believe the Lieutenant Governor was
	1.4	present in most of those meetings and he serves as chairman
	15	of the council, Emergency Management Council.
	15	Was PEMA receiving priefing or information from the

Lieutenant Governor following Sunday as to what was taking Jolace at these meetings and priefings in the Governor's office?

A I would like to qualify my previous statement
about we were present at most of the meetings during this
period from Friday to Sunday by adding that I am eware of.
I'm sure there were meetings conducted that we were not
aware of. How many they might add up to, I really don't
know but I'm sure there were meetings conducted during the

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O DLRS	i	Friday to Sunday pariod we did not show about. We ware
-	4	invited to post of the ones we knew about.
	3	. Let me clarify my question a bit. I quess I am
	4	interested primarily in the meeting preceding the Governor's
	3	press conference, the joint press conferences between Herold
	5	Janton and the Governor which I believe took place almost
		every evening, and there was a meeting preceding those press
	З	conferences.
	2	A Colonel Henderson was present at only a very few
	10	of those.
	11	a Until Sunday. After Sunday he was not present at
	12	any?
	13	A That's correct.
•	14	J Mas PEWA receiving information from the Lieutenant
-	15	Governor, or any other person that was present for that
	15	matter.
	17	A Colonel Henderson was receiving some information
	15	from the Lieutenant Governor Screnton, information that
	1×	Lieutenant Governor Scranton considered to be of some value
	20	to our evacuation planning affort.
	21	a was PEWA notified when these meetings were taking
	22	place or when the press conferences were going to be held so
	23	you could at least listen to the radio, that kind of thing?
	2+	A Frequently we would hear of them from somepody
	25	outside. We would attempt to keep our television and radio

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SLRA	1	equipment in our emergency center tuned to local stations
	۷	but very frequently we would hear about announcements from
	s	some outsiders.
	4	a Okay. One final question. I celieve you said
	2	that you were present in the Governor's office Friday
	з	morning shortly before noon, before the press conference.
		Juring the meeting preceding the press conference, was the
	5	lifting of the stay indoors advisory discussed?
		A do.
	10	It was not discussed at all?
	11	A No.
	12	As far as you wara concerned, the advisory which
	13	went into effect at noon excuse me, the advisory that
	14	went into effect at 10:00 of clock and was at that time to
	15	last two hours was to expire at noon as originally planned?
	15	A That was my - this was not discussed specifically
	17	in the discussion ahead of the press conference. The emphasis
	13	of that discussion was on the pregnant women and pre-school
	17	children and closing schools and problems associated with
	20	those three things.
	21	Jo to your knowledge, the Governor's response to
	22	the reporter's question during the press conference as to
	23	whether the stay indoors advisory would remain in effect or
	24	would be lifted was a personal decision made by him without
	25	any input from you or
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and the second se			
oLas	i	А	Anything that I was aware of, yes.
	- 2		A. HERR: I have nothing else.
	3		of MR. ERAST:
	4	2	I would like to ask one clarifying question and
	2	mayoe one	a additional. If you talk about datail in emergency
	ŝ	plans, fr	rom what I have heard before there could be two
	, r - 1	types of	detail. One type of detail could be a listing of
	э	availabl	e resources or resources that might be tapped or
	1	might be	available.
	10	A sec	ond type of detail might be a specific evacuation
	1 i	route, sp	pecific things that specific people do and at what
	12	time they	y do them and who they pick up and things of that
	13	nature.	
	14	Jo you	u perceive any difference in these two types of
	15	uetail?	Which one would be more advantageous than the
	15	other?	
	17	A	The resource inventory, which is something that we
	13	have lon.	g advocated that county and local emergency
	12	coordina	tors have and constantly update, is not really a
	25	plan in :	my mind. It does not qualify as a plan.
	21	Your	second description would more closely agree with my
	22	impressio	on of a plan. However, many peorle in the amergancy
	23	system wi	ill point to their resource inventory as "my plan"
(24	and there	ein lies the basis for my comment about the kind of
	د2	detailed	planning that approval planners are looking for.

211 05 05 lold 1 You know, when there is a scarcity of this, they won't think an organization could possible respond yet that fellow with his resource inventory in his hip bocket, sometimes ŝ. it's amazing, you know, an operator, a porn operator, with 1 something like that can get an awful lot done in almost a 3 complete absence of written plans. 3 in your knowleade, did such resource inventories ÷ exist at the county and local levels at the time of the I'll 3 acciuent? 1 10 A fray existed at the county level. I would not know about the local level. 11 12 2 Inis is separate from the plan. 1.3 A Lat's correct. 14 Have you personally reviewed some of these files 15 and so forth to get a feel as to the extent that the counties know about their resources? 15 17 A well, this is something that we constantly pursue 14 at our annual seminars. I have reviewed them on those 14 occasions when I have been visiting a county coordinator. 20 Others in the agency regularly review these for accuracy and 21 update them. 22 It's something we put considerable effort into oscause 23 it's a very necessary and useful device in the conduct of emergency operations. If you don't know where your 24 22 resources are, you're sort of lost.

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	oLas	•	In conclusion, I would like to say that you will
		4	get a copy of this upposition for any corrections you feel
		5	niçat be warrantad.
		4	I would also like to say this is an ongoing investigation
		۲.	and although I have completed the guestions I have for you
		J	today, it's possible we might need to pring you back for
			furcher questions - I doubt it and will certainly take
		3	avery effort not to Lo so - out for that reason only. I
		*	will recess this deposition rather than close it, but I do
		10	wish to thank you for your time and your help in our
		П	inquiry.
		12	(Ameraupon, the taking of the deposition was
		15	adjourned at li:55 a.m.)
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