## NUCLEAR REGULATORY COMMISSION

### IN THE MATTLE OF:

THREE MILE ISLAND

SPECIAL INQUIRY INTERVIEWS

## INTERVIEW OF KENNETH RICHARD LAMISON

Place .Harrisburg, Pennsylvania

Date - Thursday, 20 September 1979

Pages 1-45

POOR ORIGINAL

Telephone: (202) 347-3700

ACE - FEDERAL REPORTERS, INC.

Official Reporters

444 North Capital Street Washington, D.C. 20001

NATIONWIDE COVERAGE - DAILY

8001160673

### UNITED STATES OF AMERICA

#### NUCLEAR REGULATORY COMMISSION

In the Matter of:
THREE MILE ISLAND
SPECIAL INTERVIEWS

## DEPOSITION OF KENNETH RICHARD LAMISON

Holiday Inn Town 2nd and Chestnut Streets Harrisburg, Pennsylvania

Thursday, 20 September 1979 1:25 p.m.

## APPEARANCES:

RCBERT CHIN, ESQ.
MALCOLM L. ERNST
FREDERICK HERR
ROBERT SCHAMBERGER
NRC Special Inquiry Group on TMI
6935 Arlington Road
Bethesda, Maryland

CR 7188 ree 9/20/79

## CONTENTS

	2	WITNESS		EXAMINATION
	3	Kenneth Richard La	mison	4
	4			
	5			
	6			
	7			
	8	EXHIBIT		IDENTIFIED
	9	1		3
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			
	20			
	21			
	22			
	23			
	24			
Ace-Federal Reporters,	Inc. 25			
	- 11			

# PROCEEDINGS

CR 7188 ree 9/20/79

3

5

6

8

10

11

12

13

14

15

16

17

18

19

20

21

22

23

Whereupon,

### KENNETH RICHARD LAMISON

was called as a witness and, having been first duly sworn, was examined and testified as follows:

MR. ERNST: Please be seated. State your full name and position for the record.

THE WITNESS: Kenneth Richard Lamison. I'm the Operations Officer for the Pennsylvania Emergency Management Agency.

MR. CHIN: Mr. Lamison, I show you what has been marked for identification as Exhibit 1. Is this a sopy of the letter that the NRC Special Inquiry Group sent to you regarding your deposition today under oath?

THE WITNESS: It is.

(Lamison Exhibit No. 1 identified.)

MR. CHIN: Have you read this document in full?

THE WITNESS: I have.

MR. CHIN: Do you understand the information in the letter, including the general nature of our inquiry?

THE WITNESS: I do.

MR. CHIN: Your right to have counsel if you choose?

THE WITNESS: I do.

MR. CHIN: And the fact that the information that

ce-Federal Reporters,

25

you give here today may eventually become public?

THE WITNESS: Yes. I understand it.

MR. CHIN: Mr. Lamison, are you represented by counsel today?

THE WITNESS: I am not.

MR. CHIN: I would like to note for the record the witness is not represented by counsel today.

Mr. Lamison, do you understand that at any time during this inquiry, this interview, you should feel a need for counsel or would like to have counsel present, please advise and we will adjourn this interview to allow you to make arrangements. Is this procedure all right with you?

THE WITNESS: It is.

MR. CHIN: Mr. Lamison, did you bring a resume with you today?

THE WITNESS: I did not.

MR. CHIN: Will you send us one?

THE WITNESS: I will forward one to you next week when our other witness is before you.

MR. CHIN: I would like to note for the record that Mr. Lamison will send us a resume. Thank you.

Mr. Ernst?

#### EXAMINATION

BY MR. ERNST:

Q The first question, Mr. Lamison, is a rather general

\_ 24

se-Pederal Reporters, Inc.  one. I wonder if you would describe your assigned duties at PEMA; first, the routine duties and typical day-to-day activities, and secondly, however those duties might have been altered by the Three Mile occurrence?

A On a day-to-day basis, I am routinely responsible for the provision of assistance, staff visits, the approving of plans, SOPs, and attendant Annex Es to all county operations. This extends, in some cases, down to local levels, primarily as it concerns the guidance and the direction of planning activities.

I am also responsible for the provision of guidance and assistance in the form of training exercises and tests that are conducted at the county and local level. I am also responsible for training exercises and tests conducted at the state level.

responsibility for the provision of assistance and guidance, policy and programming, human needs aspects, communications.

I am also responsible for radiological defense activities.

Those are, in general terms -- they have very broad connotations as to many of these activities.

During emergency operations, as the operations officer,

I am responsible for the conduct of the emergency operations

center to include the supervison over state agencies in the

provision of their response mechanisms furnished to us in

3

5

6

8

7

9

11

10

12

13

14

15

16

17

18

19

20

21

22

23

24

Ace-Federal Reporters, Inc.

25

meeting requirements which stem from other levels of government that may be participating is whatever the emergency may be.

With regard to guidance to counties, does that include the preparation or review or whatever of the county emergency plans?

That is correct. I have an individual responsible for that activity under my guidance and supervision, and we receive and review plans that are prepared at the county level to include their SOPs and Annex Es. Under special occasions, we could do this same, or perform this same activity at the local level. It would be sort of a special occasion.

You know, the philosophy of our activities stems from the lowest level with the capability to conduct a response, and it escalates to the higher echelons in government based upon need to supplement and resources for supervisory activities. Of course, the emergency dictates then at what level it's conducted.

We follow this same concept in our administrative activities or day-to-day operations likewise, so that you might say there's a chain of command or activities from the top to the bottom. Now, this is predicated upon who possesses the resources and authority. This then dictates the system which we have employed.

Q So your work with the other state agencies in an emergency situation is resource-dictated, which the resource needs come from the local county into yourself?

A That is correct, yes. To be specific in this area, each agency, state agency has two mechanisms to deal on a day-to-day and during-an-emergency basis. Number one, we have an emergency point of contact in every state agency, and he is the person that, on a day-to-day basis, we call to gain an insight to resources or provision to us, information or data that we need to conduct those day-to-day activities.

We also have, in each state agency, a response team and it's comprised of an individual or individuals based upon the size of the agency who, when we mobilize our EOC; report to us to perform the responsibilities assigned to that agency. Along with this team is carried the authority to act for the secretary of that particular department. It is this mechanism that I control or exercise supervision over during emergencies, when we have our EOC activated.

Now, the magnitude and the type of the emergency will dictate the number of agencies, by title or type, who are present in our EOC. There are usually some common agencies that appear who have a responsibility to be fulfilled in almost all types of emergencies, such as the Pennsylvania Department of Transportation, Department of Environmental

Ace-Federal Reporters, Inc.

Resources, Department of Military Affairs, and certainly, the state police. We usually start with those agencies and then we expand as the need dictates, as you gain better information as to what are the requirements and just what is the nature of the emergency, and then you expand accordingly.

If it's determined through our analyses at the very outset to be extremely important, if it has a very profound impact upon the community, we may start with a full-scale mobilization which is what we did on the 30th of March when we fully mobilized our emergency operations.

We didn't retain all agencies on a continuing basis, but as they were needed, we had, throughout, contacts with them. Either the call would come in individually or collectively or whatever the requirement may have dictated.

For example, the energy council was there on a continuing basis. The insurance people weren't there at the outset, though we had need to call them in. Now, I have points of contact which we maintain through telephone all the time with these people, so it's not like we're not in contact with them.

- Q So these people are designated by their department heads or the secretary or whatever --
  - A That's correct.
  - Q -- in order to act for the agency?
  - A It is our philosophy if they do not possess those

authorities to act for the agency, the secretary or the head of the agency is to be present to do so, so that we do have rapid response to meet those requirements that are requested of us.

Q And you are the de facto or formal chairman of this group?

A Yes. Of course, you must remember, I respond and react to those directives and guidance that I get from the director.

Q You mentioned a gentleman as being designated to review or whatever the Sunty plans. Would that be Mr. Crowe?

A No. The person responsible on a continuing basis is Mr. Blaisdell, who is a new employee with us.

MR. CHIN: Will you spell that name, sir?

THE WITNESS: B-l-a-i-s-d-e-l-l.

Mr. Crowe, during the Three Mile Island incident, and likewise now, is conducting he initial review of all planning activities to assure that the coordination that is essential is being provided to that activity and to those levels of government which are conducting the planning. The final approval of those plans will rest with me.

Now, I say that in reacting to the directive from the director and in his name.

Ace-Federal Raporters, Inc

BY MR. ERNST:

2

3

4

5

6

7 8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Ace-Federal Reporters, Inc.

25

Organizationally, how are you and Mr. Crowe related?

Well, we're co-equals from that standpoint. Mr. Crowe is the director of our crisis relocation NCP planning, and in the organizational structure, he is an office manager the same as I am classified.

In the order of succession, I am the third in order after the deputy.

Is there a difference in function between what Mr. Crowe is doing compared with Mr. Blaisdell?

We will review those plans from an administrative standpoint in relationship to fulfilling the responsibilities or tasks assigned by the disaster operations plan and also Annex E, which is our detailed instrument, disseminating the responsibilities. And in that light, we will review, coupled with resource requirements, we will review from that standpoint.

Mr. Crowe is more concerned, right now, with the coordination of activities to assure that there are no duplication of efforts and that there are no problem areas encountered in the planning effort, because we have several counties involved. We have several counties vying for the same resources so to speak, the use of road networks and this type of thing. These would be issues that he's concerned

	35
	11
	31
	-11
1	11: 11
- 1	
	- 51
	- 11
	31
2	
	200
	11 -
44	11
	11
	11
4	
	11
5	11
-	
	11
	11
6	
-	
	H
	18
	. 31
7	
	11
	- 11
	11
-	1
8	11
_	1
	11
	11
- 0	- 11
7	11
	15
10	1
10	11
	1
	11
4 -	11
11	11
	11
	11
-	11
12	11
-	Total Control
	11
	11
13	11
	11
	11
2 4	
14	
	11
	11
	45
15	11
	1
	11
	11
16	11
	11
	11
17	The state of the s
10	11
	41
	11
10	11
18	The second secon
	11
	1
	11
19	11
17	
	11
	1
20	1
20	
	H
21	11
21	
	11

with. He is also concerned with providing assistance where needed to get this particular aspect of planning completed which is our first priority right now.

Q You mentioned communications as one of your responsibilities. Does Mr. Kuehn then work with you?

A Yes, he does.

MR. CHIN: Could you spell that, please?

THE WITNESS: K-u-e-h-n, Mr. Kuehn. He'll be here shortly.

BY MR. ERNST:

Q You mentioned some responsibility in the area of human needs and radiological. Would you explain that a little bit?

A Well, human needs aspects are associated with welfare problems, health problems, mass care activities. This is our own internal link to all those state agencies involved in these types of responsibilities to include other organizations throughout the Commonwealth who have an interest or some association with the human needs aspect, such as aging, the blind, this type.

Q Would you describe your specific duties during the
-- well, say, the first seven days or so of the TMI
accident -- with regard to the coordination of state
agency response?

A Well, as I indicated before that all the

24 ce-Federal Reporters, Inc.

22

23

25

-

4

5

6

8

9

11

12

13

15

16

17

18

19

20

21

22

23

24 Ace-Federal Reporters, Inc.

25

requirements that stem from the echelons of government come into me for fulfillment. And we were prepared to do this.

On the 23th, we prepared ourself based upon our understanding of the problem, really, to conduct a limited operation. Right at the outset, we were led to believe that it was strictly an on-site problem. Therefore, my most important task immediately was to notify all persons with a responsibility or potential fulfillment of responsibilities under those conditions, be prepared in the event of an escalation of whether the problem may lead into something more serious. Of course, it was announced shortly after then that it had escalated, and we immediately started to fulfill those announcement and alerting responsibilities as quickly as possible in the event that we had to conduct an operation, an evacuation. At which time, we would have called together our total response mechanism to fulfill that need.

We maintained this profile for a number of days on a prepared basis until the 30th when things became more serious, when we activated our or mobilized -- I should say -- our EOC in its entirety. And again, we were prepared to conduct an operation. However, that never materialized, and we found ourself then going into a full-scale planning activity.

2.

-Federal Reporters, Inc.  This then put our response teams in a different configuration, so to speak, and they were fulfilling planning needs
and responsibilities. In many cases, they were the catalyst
or the link between ourselves and their department to get the
proper people to assist in planning or to maintain liaison
with the counties who are doing the detail planning.

And this is the posture we remained in for a number of days till things looked like they were improving to where we could sort of out bac, in some of our staff activity -- not in the planning activity, because it is being fulfilled then from the department locations rather than from our EOC.

Q You didn't have any function in the area of review or upgrading or whatever of the county plans during that time period?

A Well, I wouldn't say I had no responsibility.

Yes, this is something that I think we all get involved in in varying degrees. I was not directly responsible for the review, let me put it that way. I was still maintaining an operational posture, but I was responding to the issuance of guidance and things of this nature as a manager.

In that respect, I was involved, yes.

Q In the event of a declared emergency, which this was not -- suppose TMI had been a declared emergency, which is essentially a multi-county emergency response, who would be

in charge for the state, outside of the governor. Clearly, the governor is responsible for everything.

- A You mean at our level of operation?
- Q Who is the doer in charge?
- A Well, the operational aspect of it would be controlled and directed by our director, Colonel Henderson. He is charged with that responsibility, fulfilling the response for the council. The council would charge him with that responsibility.
  - Q It would be a designation at that time?
- A Well, that is his assigned responsibility; and during the time of an emergency, he automatically fulfills that unless he's given guidance or direction to the contrary, which would be rather hard to conceive.

Specific guidance, specific direction would be provided through him by the council, or the lieutenant governor in that case who is the chairman of the council, which he is in constant contact with during periods of emergency.

- Q At that time, I guess as I understand it the function of PEMA shifts from a coordinations role to more of a direction and coordination role; is that correct?
- A Yes, more a management role. We are in the direction business, too, based upon the guidance and those decisions made by the governor. And in those cases, they become directive in nature. Sometimes they are advisory in

Ace-Federal Reporters, Inc.

nature.

ce-Federal Reporters, Inc

Our coordination is among state agencies and in conjunction with the counties. We deal with the counties, basically, and not the subdivisions within the county. That is just a little bit voluminous when you start talking about 2600.

Q What problems were encountered, major problems, in the coordination of state agencies for the first few days?

A Well, we had no problems with state agencies. Our problem rested with the fact that we were unable to inform state agencies precisely what was going on, what were the precise conditions. We knew that they were having problems at the facility. We knew that they were trying to resolve these problems and go back on line. There were indications that in a matter of hours, up to 24 hours, that they would have their problems resolved and be back on line.

This was dispelled rather rapidly and definitely, I guess, on Friday morning when things became more serious. But this was the basic problem. We had no problems communicating with them, from that standpoint, or gaining whatever we need from them. The problem was to tell them precisely what we were about to do, it was to be prepared for the worst possible condition. It was under those conditions that we fully mobilized our EOC on Friday morning, the 30th.

8 9

-Faderal Reporters, Inc.

Q But you really had no problems with either physical communications or communicating whatever you had to communicate to people in an understandable way?

A I think we need to clarify a point. We have approximately 121 telephone lines coming into our EOC. Some of those go through our switchboard, and I think our switchboard has a drop of about eight lines. Now, those eight lines, it was practically impossible to communicate in or out on those eight drops, 8150, they were tied up all the time.

Our private telephone lines coming in there are not announced at large, and for a considerable period of time until communications became saturated going into the other agencies, we were able to communicate. And during the initial moments of this incident, both on Wednesday, on Friday, we were not hampered. But as time evolved and went on, why, it became extremely complicated. And I would dare say there were probably times when all 121 lines were busy and all 121 telephones were going.

Now, the more people we have in our EOC, the more saturated the lines become, because we have in our booths, which house our response team, several telephones. And they can receive a call off of our switchboard drops and they likewise have private lines in them that they can use. And they have a line from there back to their office which

Farteral Reporters Inc

they can use. So there are a lot of ways that we can communicate out to a period of time, and when we become saturated, why, we're just out of communication. And for a period of time, we were experiencing that, both on Wednesday and on Friday. And as time went by, why, it clarified itself.

As more information became available, as more credible information became available, which I say that word in terms of what I surmise the public was considering as credible information, the less calls we were receiving.

And as the systems came into being, as an example, right at the outset, we were receiving calls from private and public alike on all aspects of what was going on at Three Mile Island.

Well, we consider ourself not the technicians, and therefore, we shouldn't be answering technical questions as to the
facility itself. We will answer the questions associated with
our responsibilities which we are the professionals at.

Once the systems were established where the point of contact essentially became the governor's office for technical data, that's through his press secretary, and we were associated with our own responsibilities, it started to ease the problem. And that was after the counties and the governor's press secretary set up the rumor control centers. And this started to ease our problem considerably.

Ace-Federal Reporters, Inc.

And the first two days of this incident, we found ourself actually playing a big part in that role.

Q Who is -- well, let's see, I guess as I understand it, there is a desk or a booth or something for each department?

A Correct.

And with a line going back to their departments so they know exactly where they are supposed to go and everything. For example, who represented the Department of Health in the EOC, do you recall?

A They had numerous representatives. When we first called the Department of Health, Mr. Welsh accompanied his response team. I'm trying to think of the names of those people that were there.

Q It's not that important.

A But they had, they came in initially with about a team of three people which is rather a normal response mechanism. And as time went by, they changed some of those personnel. But Mr. Welsh had, just prior to TMI, joined the Department of Health. He was previously with the Department of Environmental Resources. He was sort of their emergency point of contact at the department. He was quite familiar with our activities, so he accompanied his team, as he should, for his own edification. Who were they? What were they doing? This type of thing.

1	Q Was the national guard represented in the DOC?
2	Q Was the national guard represented in the DOC?
-	A That's correct.
3	Q Were they there?
4	A Yes, they were there.
5	Q How about the Bureau of Radiation Protection
6	or DER?
7	A DER was present. Their normal response teams
8	were there.
9	Q Do you recall who that was? Were they BRP
10	personnel?
11	A No, they were not. Radiological protection
12	personnel were not there.
13	Q What are the interests of DER, major interests
14	of DER, other than radiological protection, in an incident
15	like this?
16	A Well, water control, hazardous material problems,
17	air pollution, mine subsidences and this type of thing;
18	all of which we are concerned with. And based upon the
19	type of activity, they may be playing a very lead role in
20	it.
21	Q I was thinking specifically of the TMI.
22	A Okay. TMI, actually under that circumstance, it wa
23	Radiological Protection Bureau that was playing the key role.
24	Q But they were not
1nc.	
23	A They were not present in our EOC. It was and is

Ace-Federal Reporters,

ce-Federal Reporters, inc

in our plan that under those types of conditions, those types of incidents, that they would be represented. At the outset, again, I think they probably felt like we did, that the nature of the emergency was such, at least initially related, that it was probably at low density, that it would not evolve into something as serious as it did.

And in short order, they, like we, became so involved that it was a little difficult to disengage from their environment to move them over to our EOC. However, under our current planning and directives, this situation has changed.

Q What types of problems get aired or dicussed in the EOC? What comes to mind is, apparently, there was some controversy over the distribution and possible use of potassium iodide which clearly involved the Department of Health. There was some, I guess, taking cows off the pasture and things of that nature which involved other agencies. Were some of these matters at least initially discussed in the EOC, or were decisions made elsewhere?

A Well, a little bit of both, as is normal of staff activities. We became involved at the outset because of the needed transportation upon arrival of the potassium, as to how we were going to get it -- it came in by air from the International Airport -- to wherever we were going to

I'm just curious about the function --

b

H

Ace-Federal Reporters, Inc.

dispose of it, whatever we were going to do with it.

So we became involved in that activity, although the overall responsibility for the potassium iodine was with the Department of Health. And we laid on the transportation through general services. We gave them transportation for us and coordinated it with the Department of Health so that it would be picked up at the appropriate time and delivered to the facility where they wished to store it. That was done.

The next order of business which came up was its distribution. Before that occurred, the Department of Health, after examining the product they had, wanted to assure that there were instruction for its use and that it was a reliable type of protective agent. Some of it came off the shelf, as I understand it. And I further understand that some of it was on an expedited basis, manufactured and sent into us. And they immediately went into considerations and the development of its distribution as to how it would be handled.

We were consulted on this matter. I personally had discussed it with Mr. Welsh and I believe Dr. Washington was there. We were doing this by telephone, and informing them that this was not our responsibility, it was primarily a medication so-to-speak and it was the responsibility of the Department of Health. And they should arrive at the distribution plan.

We would assist in any way that we could to help this, and once they ad their plan, we would be very happy to review the plan in coordination with them. And then we would see that its distribution requirements were fulfilled. And this was the part that we played in it and the part of the Department of Health who, again, was coordinating with the Bureau of Radiological Protection.

Q I take it you offered to do this. Did they actually provide a plan for your review, or were you supposed to participate if it had been distributed?

A We would have participated if it would have been distributed. Yes, sir.

Q In your view, what is the responsibility of PEMA with respect to the adequacy of county plans?

A Well, we're talking about a changing environment by virtue of legislation. Previously, under our old pamphlet law, we really had no assigned responsibility in approving plans. This has been changed by our recent law, Act 323 of '78, which assigns us the responsibility to review and cause changes to be sure that they are appropriate. So in that realm, we now have the responsibility for approving plans.

It was sort of an assumed tertiary type thing, really, previously. It was more of an advisory and assurance factor from a federal standpoint to permit other

Ace-Federal Reporters, Inc.

things to be fulfilled, matching funds and things of this nature, which established the requirement for counties to have certain type of documentation.

And this was the role we were fulfilling previously.

Isay, we've changed that role.

The current state plan, I understand there are some drafts of it now or updates, but the 1977 state plan is rather general. When you get down to the county level -- and perhaps you might want to comment about the state plan itself -- what degree of detail do you think is appropriate for a county plan regarding who does what to whom and when?

A Well, I'm sort of a detail guy. I'm a retired army colonel, and I've spent a large portion of my career in the planning business. Therefore, I like to see details so that any person, uninitiated, if you wish, may pick up that plan and be able to fulfill those tasks that are outlined there without wasting an awful lot of time to find out what are they talking about.

I think you will find that our revised Annex E is more detailed in the assignment of responsibilities to not only state agencies but to the counties involved, both what we referred to as those counties in the risk area or risk counties and those counties in support of those risk counties. So that there is very little question in their mind as to

4 5

Ace-Federal Reporters, Inc.

what we're expecting them to respond to and be capable of doing.

Now, if you follow that philosophy, in order for them to fulfill those tasks, their planning effort must outline and cope with each and every task that is given to them.

Anything that is assumed by them or deduced from those tasks that has to be fulfilled must be outlined by them. This is the type of detail that should be reflected there.

And we're talking about the county level who, again, are responsible for assisting in the development of plans by their political subdivisions who, again, are involved in the fulfillment; which means, in turn, their portion of the planning must be somewhat detailed. And the lower you go, the more detailed it must become. Because, eventually, somebody has to talk about an individual standing on a given street corner which has to be designated to do something. And you have to tell them what to do.

So at that level, which is at the local level, they have to be rather precise in what they do.

Q I understand there are no local plans per se, written local plans.

A Well, I can't answer that question. I can state that I have not seen a plan designed by a local level in support of Annex E or a county plan. But that doesn't say there is no plan.

Ace-Federal Reporters, Inc.

Q What responsibility does PEMA have for assuring that local plans exist?

We've assigned them this responsibility to be fulfilled.

I'm sure in the processes of this very important area, we're going to assure ourself that they do have plans. We're not going to approve them at that level, the courty is going to do that. We'll approve the county plan. We'll seek assurance that at the local level they have plans.

Now, there is another aspect to this, I think, that will lend a little credence to what I just had to say. In our training in the future, we're requiring, through our revised Annex E, for counties to participate in the training exercise at least annually, for the purpose of evaluating and taking an in-depth view of their plan, taking a look at their organization, taking a look at their systems to be sure that they can meet all of those requirements.

And a part of that directive and direction is that the local levels will participate, and that will give us an opportunity to review and to view and to comment and direct, if necessary, what changes have to be done to improve the situation.

Q How do you really accomplish that with unfunded local coordinators that have their own livelihood to watch out for?

7 8

Ace-Federal Reporters, Inc.

A With great difficulty; it is extremely difficult.

I think the communities contiguous to our nuclear fixed facilities as well as some of the other hazards which impact upon our communities significantly and frequently sense their responsibilities and they are doing more in these areas to be prepared to respond.

Regardless of the level of government, the elected officials have the responsibility for life and the protection of property. And I have never seen anything which ties that to the availability of revenues. So it's a constitutional responsibility.

More and more, we see these people fulfilling that responsibility and increasing their capabilities to respond. We will continue to have problems in that area. We recognize, probably as well as anybody else, we would like to see a subsidy so-to-speak, at least a grant or some approval of monies for these things. Hopefully, we could gain more from the federal government, but we may have to do this ourself. Right now we do not have monies for this. They are not in our programs.

Q Typically, I guess, though, your locals are members of the, maybe, police force or fire department or something like that so there is a governmental arrangement?

A That's right. They are tied to other things, there's no question about it. In some cases, the township

. .

Federal Reporters,

supervisors are the emergency management coordinators; it may be a policeman or it may be some other walk of life altogether. Many of them are duel-hatted.

Q There were dedicated lines installed during the weekend of the accident to six affected counties. And as I understand it, some three weeks or so later, these dedicated lines were removed. Would you explain why there is no longer a need for dedicated lines?

better or an assured capability that we could, by normal land line, communicate, have contact to these counties to conduct our business. The requirement for the conduct of business diminished as we returned to the state of normalcy. We were doing much of it by liaison, but we are billed on a monthly basis for communications. We were oprating in an environment, at least as far as I was concerned, without additional appropriations, which meant that whatever we did become involved with, up to a point in time, unless it was a declared emergency, we were going to have to pay out of our existing operating budget. And it is a little austere, to say the least.

On that basis, when Mr. Kuehn came to me, why, I agreed that I thought we should take them out. We could, at that particular time, provided that the jacks and the line; internally were there, it would be a matter of activating

which would only take us a few minutes to do because we were retaining instruments that were in the EOC, and it was just a matter of plugging us in. The Bell Telephone has representatives right there -- as a matter of fact, within 50 feet of me or more -- in their own office at the end of the hall, so it's just a matter of calling those people.

- Q So there is still a dedicated line from a jack?
- A Well, internally it is there. Now, they have to activate it, of course, to make it hot.
  - O But what does Bell have to do to activate it?

A I can't answer that question. I don't know whether it's to tie into our board or whether there is some place in the building they have to do something or not, but it only takes a few minutes to do it, whatever it is, not an extensive period of time. And we could activate it.

But there was just no longer a need for that type of direct communications. I think by the 30th of April was when we disconnected our hot lines.

What are you currently doing to convince the locals that they should have a plan? I guess people are more interested right now, but is there a program established, not right now, maybe some milestones, or something that's been disseminated to the local level so that you can maintain the momentum?

7 8

be-Federal Reporters, Inc.

A Well, we have placed this planning effort in priority based upon geographical location and our analysis of need for the planning effort.

For example, we had -- and we knew this based upon our review and our constant working efforts during TMI that those counties contiguous to Three Mile Island had plans that were detailed plans that, in our mind, again, would work out to 20 miles. So knowing that, we felt we better start taking a look and working with some of the other facilities in the development of their plans.

We knew also that we had five-mile plans or Peachbottom and that they were about to be upgraded and reviewed. And so we started with Beaver Valley which is a little more complicated because it has other states involved in this planning effort, like Ohio and West Virginia. Therefore, it's just a little more complicated than dealing with your own people.

So this was our first priority. Now, this doesn't say that there was no effort going on elsewhere, because there was. For example, there are revised plans right now for Peachbottom. This was going on concurrently. There is effort being conducted for Berwick, which is not on line yet, but Luzerne and Columbia County are working on plans.

Our eastern area director, under whose jurisdiction you will find Berwick, Luzerne County, is in contact with that planning

Ac Federal Reporters, Inc.

effort in assisting. And we have attended several meetings with those people.

We're also talking about and we have some limited effort from our standpoint going into Limrick. Of course, that's not going to come on line for several years. But these efforts are ongoing. We're concentrating, number one, 1 Beaver; number two, on Peachbottom; number three, on TMI. We have to take TMI 20 miles and revise those into the ten-mile criteria which we're working with right now.

And this is where our effort is going.

Now, within that, the counties are working with their municipalities in developing plans in support, one step at a time. You get the county plan working, at the same time there is some activity down in the local level, and it becomes accelerated when all the factors are known.

I am not personally involved in the detailed planning aspect of this, as I indicated before. It's under the charge of Mr. Crowe, and we have made available the state resources to permit this planning to go on with assistance.

Now, I say knowledgeable as to what's going on all the time, because I do have to participate in the conferences and things of this nature. And on occasion, I head the conference, wherever it may be, so I am knowledgeable as to what they are doing.

Have lines been installed, inactive lines but ones

-Federal Reporters, Inc.

that you could plug into, as you said, to the surrounding counties around the other nuclear facilities?

A I'm not sure whether they are into Beaver or not at this time, this point in time, but they will be.

Of course, we have a direct line out to TMI through NAWAS which has always been into TMI.

Q I was thinking of the surrounding counties more?

A The other counties are not. Now, this is a situation that involves the counties themselves with the facility to get the direct lines into those counties, but from our EOC, I don't think it is essential that we have direct lines into all those counties.

Q You would not perform the same function for the other facilities that you would have performed for TMI?

Beaver, we're going to be located out in that part of the state, geographically located. And part of our planning exercise is to select what we will call an advance CP location, which will be some place in the vicinity of the ten-mile radius from that facility. And there we will have an advance segment of our staff. There will be an advance segment of radiological protection. There will probably be other elements. Maybe some of the federal elements will be located there. I'm thinking primarily of those with the

Ace-Federal Reporters, Inc.

monitoring capability or requirement. EPA, DOE, NRC elements in there. We will probably function in support of this activity from our western area headquarters which is located in Indiana. Therefore, we want the tie to go from the facility to that advance CP. We have communications from our location here to Beaver County.

We can get in there with teletype. We have other communications which we could activate to give us voice communications in that area, too. This is probably the way we would treat it.

I would surmise that TMI is going to be treated a little differently, and more similar to the way we operated during the recent event. And it is based upon the geographical location as to how we're going to treat these activities. We will have a direct line from the facility into radiological protection. There will be a direct line from radiological protection into our CP. And we will still, regardless of where we're functioning from, our EOC in Harrisburg will be our backup and support and it will be active.

On the morning, Friday morning, March 30th, someone in PEMA apparently called Carl Abraham in Region 1,

Region 1 Public Information Officer, concerning the 1200 mr per hour reading and requested advice from the regional office regarding evacuation. Do you know who made that phone call?

derai Reporters, In

A No, I have no recollection of such a call. I wouldn't know who in PEMA would be making that call.

Apparently, also on that morning, there were two phone calls from Met Ed to PEMA about the 1200 mr. Apparently, one was from Floyd to Mr. Kuehn; and then one was from somebody to Mr. Cassidy. You wouldn't happen to know who that somebody from TMI was on the other end of the line?

A No, I don't. You know, I was aware of both of those calls simultaneously, because in front of my office are the two primary desks of my office assistants. And I just happened to be standing out there when those calls came in. And I had firsthand knowledge of those calls at that point in time.

That's rather unusual that something occurs that way, especially from the same office. I don't know who that other person was.

Again on March 30th, there was a meeting, apparently in the governor's office, shortly before noon before he made a noon press release in which he was issuing the advisory, I guess, on pregnant women and children and also making some statements about the take-cover order that had been made earlier that morning. Were you at the governor's office or was Mr. Williamson?

- A Mr. Williamson was at the governor's office.
- I just wanted to make sure it was not you.

A No.

Q I'm curices if you might have anything else for the record regarding your activities or PEMA's or your observations of what might make things better, that might help our inquiry. There's an awful lot on the record.

A I can imagine so. I think that we have learned a considerable number of lessons from this incident, and I would say that most lessons that we have acknowledged that we are doing something about, at least within our capabilities. We're talking to others of those things that need to be done beyond our capabilities such as need for legislation and this type of thing.

We have changed some of our training requirements to assure ourself of an effective state staff in recognition that personalities change rather frequently. Therefore, you just don't have time in this type of an incident to train people. You must be able to respond instantaneously, probably more so than under that normal, what we call a normal and natural disaster or emergency-type thing, which is more aligned to the normal day-to-day activity and provision of resources.

We're taking a hard look at communications. We have had this requirement for some time so that we have a communications system of both voice and hard copy which is not tied to land line services, so that we have continuous communications and we do not have to call for outside help to provide this

Ace-Federal Reporters, In

for us. That takes time.

We're looking at the local -- in this case I'm using local as county -- that level, to improve expertise through accelerated and improved training. There is a change in our law; our recent law now requires training of local levels to be conducted by the county level of government. We offer the guidance and the help to permit this to occur. We will continue to do that.

We hope to stress and emphasize the need for more competency among our leaders so to speak, more dedication, more understanding of needs and requirements and the ability to analyze hazards and their impact and how to deal with them.

We need at least an identified structure within our emergency management organizations who can be brought to bear to do planning, be brought to bear to respond. Again, the recognition that with the limitations and constraints of funding, you can't have a standby staff, one that reacts periodically.

These are the thir-s that we're looking at, and the things that we are doing to improve our capabilities along with our first priority which is this planning. And it's a total spectrum of planning to include the review and approval of it. These hopefully are going to be the things to permit us to do better and handle this type of situation

ce-Federal Reporters, I

better.

3

1

I would be the first to say that we were prepared to handle it within limitations before. We were prepared to evacuate out to five miles, and we could have done it extremely well with short notification.

6

5

In your judgment, how long do you think that might have taken?

that we're speaking of. Now, on Wednesday morning when

I received a call from the shift leader who told me that

at about 30 degrees, if I remember, would put whatever it

was in the direction of Goldsboro and Brunner Island. And

I presented this to radiological protection who in short

order came back and said, you know, we think it's only in

the neighborhood of 10 mr, but it would be advisable to

probably prepare the mechanism in the event you have to

it appeared that there was an off-site release moving

Well, I think we have to consider the time frame

7 8

9 10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

conduct an evacuation. And I called Mr. Lothrop -- I had Mr. Lothrop call to York County, and he was seated beside me. And I just happened to have two phones on my desk and he was using one and I was using the other. And there was no hesitation on the part of people. When they were told, we think this is what you should do and you should notify your municipalities involved to alert their structure and sort of standby; don't

7 8

Ace-Federal Reporters, In

do anything, but sort of get the wheels in motion in case we have to conduct an evacuation. And there was no hesitancy on the part of other people to respond to that type of thing.

This, or course, had been the second or third call they had received that morning. They had been alerted to the problem; and to reassure that everybody understood, because some people were on the way to work, we repeated those calls. And then this is the third call to some of the counties.

And likewise, when I went back to withdarw that sort of a status, put things back to normal, again there was the response to it. And we discussed this on numerous occasions, but that's a long way around to getting to answer your question.

A lot of things had happened within this geographical area. A lot of people had moved out, so we're talking about a reduced population over what we had planned for.

And instead of talking about relocating maybe 26,000 people, we were talking maybe 10,000, 13,000, 15,000.

Q That's on Friday?

A That was on Friday. We could have responded, and I would say somewhere between two and a half to three hours, we could have probably evacuated that within a five-mile radius. That's all I'm talking about, because we had no

4

5

6 7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

25

special care or special treatment that had to be given to people in that area. The population is certainly not very dense.

How about Wednesday morning, at 7:35 a.m.?

Well, first of all, it is my opinion that if there is a release of radioactivity, I question whether we're going to conduct an evacuation. We will probably issue take-cover type of thing. On a precautionary basis, leadtime sufficient so that you can effectively and efficiently get people out, that's something else. Unless we know precisely where our problem lies, I don't see hastily telling everybody to go outdoors. That's probably the worst possible condition that we could present.

Well, let me try again. Suppose that at 3:00 BRP had called down and said, We understand the problem. We've talked to NRC and the word is, Get out?

You're talking about something hastily. If there had been no uncontrolled release of material, on Wednesday morning, we probably could have made it in somewhere around three, maybe three and a half hours, in that time frame.

MR. EPNST: Any questions?

MR. CHIN: I have two guick ones.

You mentioned earlier on Friday morning, the EOC received two calls simultaneously, and that you had firsthand knowledge of those calls. What do you mean by that?

2. Sadaral Barorram In

THE WITNESS: Well, I was standing between these two desks, and they are buttressed right against each other.

And I overheard the conversation from both of them, you know;

I wasn't putting it all together, but I overheard what they were talking about and realized in short order that there was a very sensitive problem going on.

The details come in to Mr. Cassidy and not necessarily to Mr. Kuehn. Mr. Kuehn was apprised by Mr. Floyd that there was a particular problem and that he was seeking some help from radiological protection and that they were preparing to possibly get some excess or unnecessary people off-site there.

The details came in to Mr. Cassidy, and it said, you know, we have something like 1200 mr 600 feet above the stack, so much at the fence.

MR. CHIN: Did Mr. Cassidy tell you this, or you just overheard this conversation?

THE WITNESS: Well, I overheard some of it, but then he told me. I asked him, I said, you know, What was the information you had? So he told me what it was. And concurrent with that, he was writing it down. He was taking notes as it was going on.

I called Maggie Reilly and told her of the report we had received, and she inferred to me that she had had this same type of information. And that's understandable, because

Ace-Federal Reporters, I

it probably was coming in directly from the plant to them.

MR. CHIN: And subsequently, did Mr. Kuehn brief you on Mr. Floyd's call?

THE WITNESS: Yes, he did.

MR. CHIN: And did you sense that there was some difference between those two calls as to the urgency of the crisis at Three Mile Island?

Mr. Kuehn told me that there was considerable excitement in the voice of Mr. Floyd. I do not recall Mr. Cassidy relating any excitement on the part of the individual except that a determination to get the information through. Piecing them both together, you could sense very readily that there was an extreme emergency occurring that we should look at very, very carefully and immediately.

And Mr. Kuehn cited the extreme excitement on the part of Mr. Floyd.

MR. CHIN: Did you sense that there was something strange about getting two calls on the same subject matter that morning?

THE WITNESS: Not necessarily, no.

MR. CHIN: Had that happened before?

THE WITNESS: Not to my knowledge, no, not from Three Mile Island.

MR. CHIN: Did you act on each, on any one of these

7 8

ce-Federal Reporters, In

calls? Did you recommend to Mr. Henderson that we should take this matter seriously?

THE WITNESS: I don't know whether I used those precise words, but I did tell him that there was an emergency at the plant and these were the conditions that had been reported. I also informed him again of the conversation that Mr. Kuehn had with me, about the report he had received and his observations so to speak of that call.

It was only a matter of maybe ten, fifteen minutes until Maggie Reilly called me back and said that the release had been contained, had been stopped.

MR. CHIN: All right. Another question: I would like for you to describe as an example for us how the EOC functioned on the stay-indoor advisory?

THE WITNESS: How it functioned?

MR. CHIN: Who notified you of this advisory and what steps you would take to disseminate that information.

THE WITNESS: I received my report of this information from Colonel Henderson that the governor had issued a statement earlier in the morning as an advisory for people to stay indoors until noon. Now, we disseminated that information to all the counties within a ten-mile radius. I recall that was out to ten miles. And which is normal, to put this advisory out to all concerned.

7 8

ce-Federal Reporters, In

MR. CHIN: And that was the sole act taken by EOC on this particular advisory?

THE WITNESS: Well, we had notified all the agencies also, because the agencies, by that time, were in our EOC. Now, it was my understanding then and it still is that the governor issued this as a press release and was not solely relying on us to disseminate the information. Although, it was our responsibility to do that, to be sure that all of our organizations are aware of what guidance has come out.

MR. CHIN: Would the same apply to his advisory on pregnant women and preschool children?

THE WITNESS: That information was received by Colonel Henderson, and I cannot tell you who made the call to him. We disseminated that information also.

MR. CHIN: In the same manner as the other?
THE WITNESS: Yes.

MR. CHIN: And that was all that EOC needed to do?
THE WITNESS: That's correct.

Now, there were a lot of other things that went on along with that, because that meant that those counties that were involved had to open mass care centers and facilities to take care of these people, which they did. And there were some requirements that evolved from that activity.

As an example, the mass care center that was activated at the

8 9

Ace-Federal Reporters, Inc.

Hershey Sports Arena, under the control of Dauphin County, there was a requirement for cots which were delivered there. When we closed it, we picked those back up.

MR. CHIN: That's all I have.

THE WITNESS: When I say that's all we have to do, at that particular time, for dissemination, and all of the agencies were notified because the agencies were in the EOC. Now, when we have the response teams there, we announce these things to the response teams and rely on them to get it back to their departments. Now, it was effective that way because the office of administration called me, who has the responsibility, among state agencies, for notifying all state agencies of these types of things.

And in the midst of all these things going on, the office of administration called me and said, This is the advisory. I said, Thank you.

And off the record, I might state --

MR. CHIN: Off the record.

(Discussion off the record.)

THE WITNESS: It was effective, as you can see, in short order.

A lot of other things happened just about that same time after the announcement of that advisory, the warning system was activated, the siren was activated. There certainly was no intent for that to be activated, but it was caused,

e-Federal Reporters In

as best as we can relate, through a surge of power or workmen that were working on lines, this type of thing.

But those things sort of coincide with everything else that was going on; that caused a little havoc for awhile.

Many, many calls, that was a problem.

MR. ERNST: I have a couple of incidental questions. BY MR. ERNST:

Q How old a man is Mr. Cassidy? What is his background and experience?

A Well, I would say Mr. Cassidy is in his early

30s. He was with our western area headquarters for several

years, and we moved him into Harrisburg when that position

became open which was a promotion to the extent that it

brought him back to where his wife's family is located;

for personal reasons, it was more convenient for him.

He's a hard-working, dedicated individual, and he's intelligent, capable of writing and understanding. He's one of our planners.

- Q Does he have military experience?
- A I would say, based upon his age, he probably has maybe short-term military experience. I don't know specifically what it is. But I would assume so.
- Q What was the emotional state of Mr. Cassidy when relaying the information to you?

CR 7188 ree 9/20/79

-Federal Reporters, I

A He's a very calm, cool, and collected individual.

I've never seen him otherwise. He doesn't get excited; he's a very mature individual, really, for his age.

What was Mr. Kuehn's state?

MR. CHIN: I think we ought to go off the record.

(Discussion off the record.)

MR. ERNST: In conclusion, let me say this is an ongoing investigation; and although I have completed the questions that I have for you today, there is a possibility there may be a need to ask further questions. We will make every effort to avoid doing so.

For that reason, instead of closing this particular deposition, I will just recess it.

We wish to thank you for your time and the information you have provided to us. I'm sure it will be helpful.

THE WITNESS: Very good.

MR. ERNST: Thank you very much.

(Whereupon, at 2:45 p.m., the taking of the deposition was concluded.)

Kenneth Richard Lamison



## NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

September 4, 1979

In Reply Refer to: NTFTM 790904-10

Mr. Kenneth R. Lamison
Operations Officer
Pa. Emergency Management Agency
Room B-151, Transportation & Safety Bldg.
P. O. Box 3321
Harrisburg, Pa. 17105

Dear Mr. Lamison:

I am writing to confirm that your deposition under oath in connection with the accident at Three Mile Island is scheduled for September 20, 1979 at 1:30 p.m., in a meeting room at the Holiday Inn Town motel, 2nd and Chestnut Streets, Harrisburg, Pa. Please bring with you a copy of your resume and any documents in your possession or control regarding TMI-2, the accident or precursor events which you have reason to believe may not be in official NRC files, including any diar, or personal working file.

The deposition will be conducted by members of the NRC's Special Inquiry Group on Three Mile Island. This Group is being directed independently of the NRC by the law firm of Rogovin, Stern and Huge. It includes both NRC personnel who have been detailed to the Special Inquiry Staff, and outside staff and attorneys. Through a delegation of authority from the NRC under Section 161(c) of the Atomic Energy Act of 1954, as amended, the Special Inquiry Group has a broad mandate to inquire into the causes of the accident at Three Mile Island, to identify major problem areas and to make recommendations for change. At the conclusion of its investigation, the Group will issue a detailed public report setting forth its findings and recommendations.

Unless you have been served with a subpoena, your participation in the deposition is voluntary and there will be no effect on you if you decline to answer some or all of the questions asked you. However, the Special Inquiry has been given the power to subpoena witnesses to appear and testify under oath, or to appear and produce documents, or both, at any designated place. Any person deposed may have an attorney present or any other person he wishes accompany him at the deposition as his representative.

You should realize that while we will try to respect any requests for confidentiality in connection with the publication of our report, we can make no guarantees. Names of witnesses and the information they provide may eventually become public, inasmuch as the entire record of the Special Inquiry Group's investigation will be made available to the NRC for whatever uses it may deem

appropriate. In time, this information may be made available to the public voluntarily, or become available to the public through the freedom of Information Act. Moreover, other departments and agencies of government may request access to this information pursuant to the Privacy Act of 1974. The information may also be made available in whole or in part to committees or subcommittees of the U.S. Congress.

If you have testified previously with respect to the Three Mile Island accident, it would be useful if you could review any transcripts of your previous statement(s) prior to the deposition.

Thank you for your cooperation.

Sincerely,

H. tel see Rogan

Mitchell Rogovin, Director NRC/TMI Special Inquiry Group