ML-Morris County Fair Housing Council V. Boanton Twp (Morris Canty)

examination of David Zimmerman,

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SUPERIOR COURT OF NEW JERSEY LAW DIVISION: MORRIS COUNTY DOCKET NO. L-6001-78 P.W.

MORRIS COUNTY PAIR HOUSING COUNCIL,:

Plaintiffs,

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CIVIL ACTION

BOONTON TOWNSHIP, et al,

: Deposition of:

Defendants.

P. DAVID ZIMMERMAN

TRANSCRIPT of the stenographic notes of the proceedings in the above-entitled matter, as taken by and before JO-ANN KANNON, a Shorthand Reporter and Notary Public of the State of New Jersey, held at the offices of THE MORRIS TOWNSHIP MUNICIPAL BUILDING, Convent Station, New Jersey, on Tuesday, November 13, 1979, commencing at 10:00 A.M.

APPEARANCES:

STANLEY C. VAN NESS, PUBLIC ADVOCATE BY: CARL BISGAIER, ESQ., Attorney for the Plaintiff

SUPERIOR COURT MORRIS COUNTY, FILED

MESSRS. VOGEL, CHAIT & ROETTGER
BY: HERBERT A. VOGEL, ESQ.,
Attorney for Common Defense Committee

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LAW DIVISION : MORRIS COUNTY 2 DOCKET NO. L-6001-78 P.W. TE COUNTY FAIR HOUSING COUNCIL,: Plaintiffs, 5 CIVIL ACTION : 6 BOONTON TOWNSHIP, et al, Deposition of: : P.DAVID ZIMMERMAN 7 Defendants. 8 9 TRANSCRIPT of the stenographic notes of the 10 proceedings in the above-entitled matter, as taken by and 11 before JO-ANN KANNON, a Shorthand Reporter and Notare 12 of the State of New Jersey, held at the offices of 13 MORRIS TOWNSHIP MUNICIPAL BUILDING, Convent Station, New Jersey, on Tuesday, November 13, 1979, commencing at 14 10:00 A.M. 15 APPEARANCES: 16 STANLEY C. VAN NESS, PUBLIC ADVOCATE 17 BY: CARL BISGAIER, ESQ., 18 Attorney for the Plaintiff 19 MESSRS. VOGEL, CHAIT & ROETTGER BY: HERBERT A. VOGEL, ESQ., y for Common Defense Committee Reporting Services through: 22 ROSENBERG & ASSOCIATES 769 Northfield Avenue 23

SUPERIOR COURT OF NEW JERSEY

West Orange, New Jersey 07052 (201) 678-5650

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APPEARANCES (Contid):

SHANLEY & FISHER, ESCS.,

GLENN PANTEL, ESC., AND CHARLES A. REED, ESC.,

The property of Harding Township

HAS THE ENT:

LINDA HURD, ESQ. ASSISTANT DEPUTY PUBLIC ADVOCATE

SUSAN GRUEL





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DAVID ZIMMERMAN, sworn. 2 CAMINATION BY MR. BISGAIER: Mr. Zimmerman, have you ever taken a deposition fiven sworn testimony? 5 Yes. 6 My responsibility under the law is to ask you 7 the questions and yours is to basically answer them truth-8 fully. 9 If you have any questions about what I'm asking, 10 any doubts or feel you do not understand, just kind of let 11 me know and we'll try to nail this conversation.

You raised at the beginning of the deposition a fees question. Our understanding is that we will pay -- under the rules, we are obligated to pay any reasonable fee. We will pay what your fee is to the Common Defense Fund based on the time that you spend in the depositions. Now, what is that fee?

Herb will help out to clarify whenever possible.

That's sixty dollars an hour. What about the fee the time for preparation of this, in terms of rereading

No, we do not pay for that. We just pay for Q the time you spend in the deposition.

> MR. VOGEL: Assuming, I think Mr. Bisgaier is correct on the rule, and assuming that it is

consistent with the rule, any time that is spent in preparation will be billed to the Common Defense Fund.

Any time in deposition hearing or traveling to and from the deposition hearing --

MR. BISGAIER: We are specifically asked to take the depositions in the office of the specific witness in order to avoid having to pay for travel time. It was not our choice.

MR. VOGEL: Travel time is insignificant in this case. Mr. Zimmerman is from Monnistown

MR. BISGAIER: Is that satisface everybody?

Q Mr. Zimmerman, let me show you a document that has been previously marked as Z-1, and could you identify that document for purposes of the record?

A This is a document that I prepared which can best be titled "Preliminary Report Relating to the Morris 27 Litigation," dated October 5, 1979.

And this document represents your work product?

That's correct.

Q Did you produce any of the documents that were requested as a result of the subpoens that was mailed to you, personally, and served on a Roger Clapp?

A I'm not aware of any subpoena.

MR. VOGEL: Nor am I.

MR. BISGAIER: Off the record.

(A discussion was held off the record.)

In view of the fact that apprently you have not received a copy of the subpoena, Mr. Clapp hasn't forwarded it to you, we'll postpone the production of such documents as such time we reconvene for depositions or other arrangements are made.

This document, Z-1 for the purpose of identification, have you done any further work with regard to this case other than what is reflected in Z-1?

A Yes.

Q And what would that be?

A We are in the process of gathering data in several areas. One is, we are doing a sample survey of the market prices that are paid for housing in select municipalities in Morris County, and we are also gathering data relating to the wages paid to covered employees for 1977 for several counties in New Jersey.



Did you intend to do any further work other

A Yes.

Q What do you intend to do?

A I intend to continue to analyze housing in Morris
County to ascertain it to what extent the current housing

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That's correct.

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supply satisfies the needs for low and moderate income housing, and to what extent to the normal development of the in the normal housing market in Morris County, in regional fair share housing.

Second, I am developing another allocation method which will, hopefully, relate the relationship of housing choice and employment, and what I would consider a little more sophisticated way that has hitherto been done, namely, I am going to try and correlate the location of specific job types and specific jobs by income to the housing choices that people hypothetically would make, given that and that job at "x" location or "y" location in

We're in the process of gathering the data for this now and I would say that I'll have preliminary results before the end of the year.

When did you anticipate doing this?

- Is this a model that you intend to adopt as your own or is this a model that you intend to put forward as one which you think is the appropriate model for fair ing purposes as opposed to what is contained in
- How would you characterize your analysis in Z-1 as compared to the analysis that you intend to put forward in this new model as to the merits of different

allocation plans discussed?

MR. VOGEL: I'm going to note an objection. I don't know that he can characterize the merits of the study which he hasn't yet completed and contrast it to a study which he has completed, but he can answer.

MR. BISGAIER: We have put on the record that there is just general waiver of objections, things like that. Is that satisfactory to you?

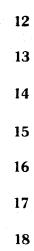
MR. VOGEL: It is but there are times when I think an objection is appropriate.

MR. BISGAIER: You won't be able interposing.

MR. VOGEL: I would like to put on the record that Mr. Pantel is here and I neglected to mention that Mr. Pantel or somebody from that office had called me this morning and they did want to make some kind of a statement for the record qualifying their position, with respect to Mr. Zimmerman.

MR. PANTEL: That's P-a-n-t-e-1.

For the record, we do want to state that
we reserve the right to retain our own experts
with respect to the subject matter of Mr.
Zimmerman's testimony and that we don't consider



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ourselves bound by it now as our expert. And the appearance, as for Harding Township, it's Harding Township's position as the position I have just outlined.

MR. VOGEL: Just go backward, my appearance is on behalf of the Common Defense Committee and my name is Herbert A. Vogel of the law firm of Vogel, Chait and Roettger, R-o-e-t-t-ge-r.

Why don't you answer the question that was posed, if you can?

Maybe it would serve everyone, including May to have the question reread, if you don't mind?

> MR. BISGAIER: Fine. Please read the last question back.

> (Whereupon the reporter read back the last question as follows:

"Question: How would you characterize your analysis in Z-1 as compared to the analysis that you intend to put forward in this new model as to the merits of the different allocation plans discussed?"

As you may be aware, the document Z-1 was essentially broken down into several parts, one of which was an analysis of the means utilized by the Department of Community

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Affairs to allocate low and moderate income housing in regions throughout New Jersey. And I think in my report I presented that analysis or that means and also analyzed what DCA's approach to the situation was, as a reasonable alternative to the assumptions made by DCA.

My report contains other parameters, as I call them, or other assumptions regarding the growth of population, the size of households, the treatment of vacant developable lands as examples. Also my report talks about four-county regions as opposed to the eight-county regions willized by DCA.

Utilizing the parameters that I thought were more reasonable and also a region which, again, I thought was more reasonable than employed by DCA, different figures were generated for low and moderate income housing for Morris County.

A second approach to the problem was also presented in my report whereby the growth of the employment was analyzed and using that method the two figures were generated for low and moderate income housing for Morris County. Now, what I propose to do, as I've indicated earlier, is to see if it's possible to contrive the demand for housing given the type of jobs that have developed in Morris County with particular reference to the income that's generated by those jobs and their location, recognizing that there is a

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close relationship between employment and housing choice.

Now, I don't know if that attempt will be successful. through the literature on housing allocations. She been of my information is that it has not been attempted or if it has been attempted, it hasn't been published.

Why are you attempting it?

Because I think that it essentially makes more sense to me to do it that way. I think the approach used by DCA is basically a formula and there is much in the literature that, depending on what area of the county -- what area of the country you are dealing with, that author -particular author feels is most important. varieties of formulas developed to allocate housing.

However, I was looking at the problem and, as I see it, there's another way to deal with it and to analyze the relationship between housing and where people live and where they work, etcetera, and I think that employment is a key factor and I think what we're essentially dealing with is attempting to come up with some figures that would where people would live, give absent land use con-I think that the method that we are trying to develop, hopefully, will give us those answers.

Are you dissatisfied with the various methodologies that were reflected in Z-1?

I'm not dissatisfied with them.

1	Q Do you consider them unreasonable methodologies?
2	A No.
3	You're seeking a better alternative then? One
4	that you are more confident with, as a planner?
5	A I would say a better alternative.
6	Q Is your opinion then that the employment
7	records on the allocation that you used in Z-1 is not satis-
8	factory?
9	A No, I think it's quite satisfactory. I think it can
10	be utilized and I think that it's a valid method.
11	Q Would you have a different opinion about the
12	DCA method or the adjusted DCA method that you used
13	A No, I think they are all reasonable. I think I
14	indicated, in my report. that I think there are some
15	problems with the DCA method and that's why the report
16	contains what you've characterized as adjusted DCA method.
17	Q Well, let me ask you this. How would you feel
18	about the court if a court chose to and I say would you
19	feel, as a professional planner, if the court chose to
20	sapt expense of the three methods just discussed in your
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22	A Well, I don't have any feelings about it. I mean
23	that's up to the court to decide.
24	Q What would your opinion, as a professional
25	planner, would you think the court was acting unreason-

ably if it adopted DCA or if it adopted the adjusted DCA plan or adopted an employment method that you have set

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MR. VOGEL: I'm going to object to his giving any opinion as to whether or not -- as to the court acting unreasonably. If you want to know his opinion, ask him. But, certainly as to whether or not the court is going to act unreasonably if they go one way or the other --

As a professional planner, would you consider it unreasonable for someone, whether it is a court or anyone, to adopt any one of the three methods just discussion in your report, as a professional planner?

I would characterize each methodology as being reasonable in terms of it's being well thought out and having a logic to it. However, as I indicated earlier,

I feel that there are some problems, as I indicated in my report, with the DCA methodology and I don't think I'm -- let's just say the best that can be done.

Is that a difference of opinion in terms of the proper planning methodology would be or is it your feeling that what was done was unjustified or unreasonable in some way capricious or arbitrary?

Do you understand the distinction I'm making or should I try to go at this a different way?

A	Well, I would suggest that if anyone were to absorb	
whol	eheartedly the DCA methodology that they were essential	L-
	to trilizing the best means at their disposal to	
TH	en the questions addressed to the issue, just like using	æ
you	know, an inferior tool to accomplish a job.	

Q Are there aspects of the DCA methodology -now, I'm talking about as opposed to the specific way in
which they implemented that methodology which you feel are
arbitrary and unreasonable?

A I deal in my report with the definition of the region and I think that that is one area which I feel it's unreasonable or less reasonable than it should be

Q So you think that if somebody adopted and utilized an eight-county region, they would be acting unreasonably in this context as opposed to having a different opinion as a planner?

A Yes.

A There is an assumption in the DCA report which deals with the 1990 population of the counties throughout New Jersey. Again, this is a figure that I don't think is the best tool as I've mentioned earlier to be utilized. Recog-

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nizing that that figure was generated several years ago and that other agencies have come out with information that is, in an opinion, more valid than what DCA produced and that there is a constant revision of population figures and I wouldn't be surprised if DCA, themselves, were not in the process of revising their own population estimates.

Remembering that the DCA method and the DCA report itself is a revision from what was published several years earlier, and they may be in the process themselves, of revising the revision so that there is a constant critical examination of material that's produced by planners and by any experts, and I think it is incumbent upon us the information which is most valid and most current and if you are not, I think you are unreasonable.

Q You think -- you don't think it's unreasonable to utilize the 1990 population projection for fair share planning purposes. You feel it's unreasonable to use the particular one that DCA used?

A That's correct.

Is there anything else in the report that you would remaider unreasonable as opposed to a reasonable difference as to agreements among planners in terms of the methodology?

A The size of the household that is utilized by the DCA is significantly smaller than figures used by others,

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Zimmerman-direct

such as the Tri-state or RPA or other agencies which have equal stature or status to DCA.

act, I would submit that, while not constant in report, most socialogical information or analyses of demography point to increasing of household size and increasing of the birth rate so that I'm confident that the figures that were introduced by other agencies have validity and that the figures used by DCA are not reasonable in light of this information.

What else about the DCA methodology is unreasonable as opposed to the difference among planners? The DCA report introduces a figure of four units per acre upon which housing should be built thro out the region. I think this is an unreasonable statistic to use.

You don't have to tell me why you think that it's unreasonable. What else do you think is unreasonable? The assumption that all developable land is equally --I'm sorry -- all vacant developable land is equally prone to full comment and thereby -- or prone to development as recognizing that certain areas may be more developable than others. In fact, other areas may not be developable as a matter of public policy as enunciated in the Development Guide Plan of the State of New Jersey which identified vacant areas of the State but also identified

di d	Zimmerman-direct 15					
1	a public policy or suggests that there should be a public					
2	policy whereby certain areas should not be developed until					
•	erter have year 2000 and other areas should be.					
4	Other than its potential conflicts with the					
5	State Development Guide, did you feel that the plan was					
6	unreasonable in that regard?					
7	A Well, I think that is indicative of the DCA's					
8	approach to vacant land whereby all vacant land, excluding					
9	twelve percent wet lands, farm lands, etcetera, is equally					
10	adaptable to development.					
11	Q Do you feel that the Housing Allocation Plan					
12	is in conflict with the State Development Guide?					
13	A Yes.					

Is it your opinion that the DCA feels that it's in conflict with the State Development Guide?

I don't know what DCA's opinion is. I think the facts speak for themselves that they are in conflict.

And the case in which you see that they are not in conflict is the treatment of the limited growth see a development area?

ink they are in conflict. I didn't say they are not in conflict.

Yes, and the way you see they are in conflict is the treatment of the limited growth area and growth area in the Development Guide Plan's treatment of the

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vacant development lands in housing?

That's correct.

Are there any other aspects of the methodology that you consider unreasonable?

Basically, there are two other areas. One relates to the way in which the DCA reports factors in job growth as opposed to jobs in absolute numbers. The DCA report introduces as one of their information factors, the growth of jobs, I think, between 1969 and 1976 and subsequently would allocate low and moderate income housing to those areas where the job growth is greatest.

You would go so far as to say your di Q of opinion there is more a difference of what is or not?

Right. I think it's unreasonable for them to do that. I think it's statistically unreasonable. Essentially, what they are saying, if there's one job in the area and the job is an additional job introduced, then the increase in jobs is a hundred percent and thereby the allocations somewhat distorted by that statistic. I think fairer approach or the more reasonable approach would be as we've suggested to deal with absolute jobs rather than percent of job increase.

Do you know of any fair share plan that does that besides yours?

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1 I don't know whether they have or they haven't. 2 There are some fair share plans that don't deal with employment et ell. Do you know of any fair share plan other than 5 yours which allocates prospective housing needs on the 6 basis of the existing job location as opposed to respective 7 job location? 8 Well, I don't know. DCA didn't generate a plan based 9 on prospective job location, new jobs or present jobs. 10 My employment model or my employment work, in my report, deals with prospective jobs, but DCA doesn keeps 11 with prospective jobs. Now, some models do and some des 12 13 Do you know of any models which evaluate 14 prospective needs, keeping in mind that DCA considered prospective housing needs, any needs generated after 1970. 15 Do you know any model which evaluated where prospective 16 housing needs should be located by utilizing where existing 17 jobs were, the totality of the existing jobs? 18 I don't know of any that did or likewise I don't 19 that didn't. your point of view that our planners have done? 22

It's something that you haven't evaluated from

I just don't remember. You know, I examined a good number of housing allocation plans and methods and I just don't remember offhand which ones did what and which ones

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A Well, let me answer the question. I don't know if it's reasonable or unreasonable because we don't know if the conditions have changed between 1960 and 1970 such

that the assumptions made in 1960 about dilapidated housing

units and income are valid.

Q What would lead you to believe that they are

I think there is a general trend nationally and also in this area of improvement in housing conditions so that the number of dilapidated units, for example, in 1940 is significantly less than in 1960. All literature seems to indicate that the condition of housing nationally is improving.

What literature or reports or any analysis that you have would indicate to you that the Department of Cammunity Affairs' assessment of what it considered to present housing need as of 1970, the low and moderate people, was too large that they overestimated the present housing needs as of 1970 -- first of all is that your opinion that they overestimated present housing meds in the State as of 1970?

A I would say that I, at this point, don't have an opinion in that regard. You may have noted in my report that't deal with the in-place housing need and essential.

However, that doesn't mean that I don't feel that figure is a hundred percent valid and that we're in the process of analyzing that at the present time. I don't know what we would come up with.

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need figure that DCA utilized for 1970 present housing?

So, it's safe to characterize your present opinion as that you essentially have no opinion of it. DCA has produced a document reflecting 1970 present housing needs and you have no opinion as to whether that's high, low, accurate? You just have no opinion whatsoever about it?

A Where I am on this figure is that up to this point I've not questioned this figure. However, we are in the process

How are you intending to analyze the present

Q You might even find that it's low in which the you would tell us it should be higher?

of doing that and we may find that it's a reasonal

A It may be higher.

valid figure to use.

Q What is your opinion about the Department of Community Affairs failing to utilize in its assessment of the present housing needs that category or class of people who were paying too much of their income for housing under the corrulations of that concept? Do you understand the time ion?

A I think I do. Your question, if I can paraphrase it to see if I can understand it, is that in the earlier report the DCA presented, their figures for low and moderate income housing based upon financial housing national guide

1 2	Zimmerman-direct 21 says or identifies that there were people paying more than
	says or identifies that there were people paying more than
2	
	twenty-five percent of their income for housing and that
*	that item was not included in the later revised report by
4	EUA. 3
5	Q What do you think of that?
6	MR. VOGEL: I am going to object to that.
7	I have some difficulty with your position of
8	attempting to expand upon the expert reports
9	that you have submitted through this expert and
10	you can ask him, you know, opinions of where
11	he's going and how he analyzes it but
12	bound by your own expert reports. But a
13	answer the question.
14	A I don't recall how I dealt with that.

Well, I'm asking you, as a planner, what do you Q feel -- do you feel that that is a category of people who are experiencing a present housing need?

Yes.

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How do you feel or how do you feel as a planner malysis that is done of present housing needs the fails to calculate in that analysis that class of people?

> MR. VOGEL: Same objection that I had before.

Well, that class of people may be accounted for through A

other statistics which I think is what DCA did.

Q You feel there may be an overlap?

and, obviously, we don't want to count poor people twice.

Do you have any other reason for thinking that it was appropriate not to consider that category of people in assessing present housing needs?

A Well, I think that that category of people has to be accounted for and DCA essentially made the choice on how they were going to do it. I didn't make that choice

Q Yes. I'm just asking you --

A And I'm, at this point, I -- I haven't weighed the merits of the DCA's choice of using dilapidated, overcrowding and vacancies as their criteria versus deteriorated, dilapidated, and financial factors.

Q So, essentially as of today, in any event, you do not know how you personally would choose to assess present housing needs.

Passynally or professionally?
Professionally.

MR. VOGEL: Just let me interpose another objection to the same line of questioning. You've got the DCA report and their approach which is what you submitted or the Pablic Advocate submit-

ted and you've got Mr. Zimmerman's reports and you've got anything that Mr. Zimmerman said he's working on. It is beyond the scope of his report and you're asking him for an opinion about something which neither your expert nor he has put It's beyond the scope of Mr. Zimmerman's testimony here.

I think your questions ought to be directed to his reports and what his knowledge of your reports is and that's something the DCA failed to do.

MR. BISGAIER: You won't instru to answer my questions?

MR. VOGEL: No.

MR. BISGAIER: Thank you.

Would you repeat the question.

MR. BISGATER: Will you read back the last question please?

(Whereupon the last question was read back as follows:

"Question: So, essentially as of today, in any event, you do not know how you personally would choose to assess present housing needs?"

Yes.

Q In evaluating the Department of Community Affairs'

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housing allocation plan, what documents did you review? 1 Now, I mean of the Department of Community Affairs, to nar-2 viewed, essentially, as I recall, three documents. 5

One was an analysis of the low and moderate income housing needs in New Jersey published in 1975, and I analyzed a report entitled "A Revised Statewide Housing Allocation Report" from New Jersey published in 1978, and a State Preliminary Draft Development Guide Plan, if I have it titled correctly.

The Housing Allocation Plan you're referring to is it 1978?

Yes.

Did you also review the 1976 Housing AT Plan done by DCA or any other documents of the Department? I'd have to see the specific document that you're referring to to know if I have reviewed it or not.

The '76 document has a green cover. The '78 has a blue cover. I'm just asking what the basis of your analysis --

> Ink it was '75 but maybe it was '76, the green was reviewed by myself.

> > MR. BISGAIER: Off the record.

(A discussion was held off the record.)

Just so I can clarify this, the totality of the documents that you reviewed from the -- produced by the

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	Zimmerman-direct 25
1	Department of Community Affairs and evaluated and to under-
2	stand what the Department of Community Affairs did was the
8	were great Guide, whatever its appropriate title is, the
ī	178 Marking Allocation Plan, the 1976 Housing Allocation
5	Plan, and, I believe, you stated the one other the analy-
6	sis of low and moderate income needs that was done by the
7	Department?
8	A There are other materials. I think I took an example
9	there are two executive government orders
10	Q Executive Orders 46 and 35?

- 35, I think. There may be others but those mind immediately at this time.
- Did you discuss the DCA report with off the Department or people who, either working there now, or had worked there, that had worked on the Housing Allocation Plan or the Development Guide?
- I've discussed the Development Guide Plan but -- yes.
- But you have not discussed the Housing Allocation Plan?

correct.

With whom did you discuss the Development Guide?

As I recall, it was Richard Girman. A

What was the nature of that conversation, to the best of your recollection?

The nature of that conversation revolved around a dis-

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1	cussion of the plan in relationship to its development of a
2	area of Somerset County.
3°	Did you discuss the Development Guide in the
4.	Estate Lilocation Plan visa vie Morris County at any time?
5	A Well, at that meeting that I had with Mr. Ginman, the
6	plan was discussed in general.
7	Q Where was that meeting?
8	A That meeting was in Trenton.
9	Q Where in Trenton?
10	A In Ginman's office.
11	Q Do you have any notes that you took on the
12	meeting?
13	A I doubt it.
14	Q If you do, would you make those available when
15	you make available your other documents that we have request
16	ed?
17	A Certainly.
18	Q Do you recall any opinions expressed by Mr. Gin-
19	man with regard to either Development Guide or the Housing
	Plan?
2/2	lmost certain there were no opinions by Mr. Ginman
22	dealing with the Housing Allocation Plan. We discussed the
23	Guide Plan.
24	I don't know what else to add. It's just a general
٥٣	discussion.

1	Q Do you recall any opinion with Mr. Ginman
2	regarding the Guide Plan?
	recall, he felt it was a good plan, a good policy
	The fature development of New Jersey.
5	Q Did he feel it was inconsistent with the Housing
6	Allocation Plan?
7	A As I indicated the Housing Allocation Plan did not
8	come up in the conversation.
9	Q What specific municipality were you discussing
10	with Mr. Ginman?
11	A We were talking about Peapack-Gladstone.
12	Q What was the context or the purpose of
13	cussion?
	A Well, Peapack-Gladstone was a municipality into which
14	
15	Beneficial Finance wanted to place their corporate headquart
16	ers and Mr. Ginman indicated that that move was contrary to
17	the State Development Guide Plan.
18	Q Why were you discussing that With him?
19	A I was retained by Beneficial as a planner for several
	take several projects relative or several studies
	their relocation, and during the course of my
22	working with Beneficial, we received correspondence from Mr.
23	Ginman relating, as I stated, to his opinion that the devel-
24	opment of the corporate office headquarters in Peapack-Glad-
25	stone was, on its face, contrary to the Development Guide

1	Plan.
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1. Yes, it's currently being built now.

Did the State of New Jersey or Mr. Girman take any action to prohibit it or try to inhibit its being built?

A Well, I don't know how you characterize their action as inhibiting but they did indicate in a letter that their initial analysis was that the development was contrary to the State Development Guide Plan.

I would feel it's safe to say that after discussing with them various issues concerning his letter and what we were attempting to do, I think his position was missing

- Q Did he change his mind as to its --
- As I said, I think he mitigated his position, yes.
 - Q To what?

A I think he could see that what we were attempting to do may not come on its face, may have been contrary to the State Development Guide Plan as was initially stated.

Q Why do you think it was contrary to the State

recall, his letter indicated that it was -- the office headquarters were being built in an area of New Jersey that was being designated for no growth.

Q No growth as opposed to limited growth?

A Yes.

	Zimmelman-direct	
1	Q What was your opinion about that designation?	
2	A Well, there were a series of factors to which I broug	zb
	Mr. Sman's attention. One of which related to the fac	ct
	it was true the office headquarters was going in	at
5	an area that was indicated for, I forget what it was limite	øđ
6	or no growth, that the character of the area would be main-	•
7	tained as a rural environment due to the extensive acreage	l
8	that was being purchased by Beneficial.	
9	Q How many employees did that project generate?	
10	Would it generate at full employment?	
11	A Most of the employees were being relecated from the	
1	la contra de la companya de la comp	

Q Did you do any studies or reports regading that development?

offices in Morristown and other smaller sites to

site and it would amount to a thousand employees.

A I generated correspondence regarding that development specifically to Mr. Ginman.

Q Would you produce that correspondence --

A I'll have to get approval to distribute that from



MR. VOGEL: If it was part of his work product for another client, I think there is a limitation that must be imposed upon your request.

MR. BISGAIER: Why don't we see if there is a problem and we'll worry about how to deal

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with it.

MR. VOGEL: That is the position we're putting forth on the record.

MR. BISGAIER: We will take a five minute break.

(A short recess was then taken.)

- Q Have you ever rendered an opinion with regard to the State Development Guide other than what's contained in Z-1?
- A No, I don't think so.
- Q To the best of your knowledge of not well other publications where you have referred to the Development Guide or utilized it or rendered an opinion about it?
- A I don't think so.
- Q What about the State Housing Allocation Plan?

 Same question other than as contained in Z-1, have you ever utilized or evaluated it, rendered anappinion about it in any publication or writing of yourself?

't think so.

Have you ever professionally done an analysis of

- 22 a housing allocation plan?
- 23 A I don't think so.
- Q Why do you hesitate to answer that yes or no?

 MR. VOGEL: He was thinking.

A Well --



MR. VOGEL: Just a moment. You asked a question of have you ever. That's a long time, Mr. Bisgaier. I mean, Mr. Zimmerman is a contemplative thinking person. He paused for perhaps five seconds. I don't think that's a long time.

MR. BISGAIER: I don't mean to say he took a long time -- Mr. Zimmerman took a long time to answer the question. I'm curious to a yes or no answer ultimately.

A I have read many Housing Allocation Plans thinking whether, in the course of reading and reviews them, I had written anything or made any notes about them and I don't think I did.

Q Those readings were solely in the context of the work that you've done in this case?

A No.

Q What would have occasioned you to read them or ousing evaluation plans previous to that case?

Well, I feel it's part of my growth as a professional to be aware of what's being written in the field that I'm particularly interested in. There are towns that I'm interested in, some of those municipalities had housing

1	allocation plans generated for them.
2	Q By whom?
	ous planning consultants and housing experts.
	What towns are those?
5	A One in particular that comes to mind is Chester Town-
6	ship.
7	Q Any other?
8	A There are others. I just don't recall at the moment.
9	Q Have you ever evaluated this may be repetitive
10	It's only because I'm getting bored. I can't remember what
11	I've said before.
12	Have you ever done a written evaluation or
13	of Housing Allocation Plans other than the DCA plan!
14	A No, I have not written a report or analysis of an
15	allocation plan other than DCA, to the best of my knowledge
16	the best of my memory, I should say.
17	Q Did you ever render an opinion with regard to
18	the Chester Housing Allocation Plan either orally if not
19	written?
	MR. VOGEL: What do you mean by the "Ches-
	ter Housing Allocation Plan"? Would you identi-
22	fy the plan that you are referring to?
23	Q What plan were you referring to, Mr. Zimmerman?
24	A There are about two housing allocation plans prepared
25	for Chester Township by individual planning consultants.

	Zimmerman-direct 33
1	Q Who were they?
2	A Peter Graham and Malcolm Kasler.
	And did you review those plans or read them?
	I did.
5	Q Did you ever render an oral opinion regarding
6	them?
7	A I doubt it.
8	Q Do you recall what your opinion of them was or
9	is now?
10	A I recall what my opinion was at the time.
11	Q What was it?
12	A I didn't think too highly of them.
13	Q Why?
14	A I don't recall at that time, you know, I just I
15	forget whether it was that they used unreasonable factors to
16	generate the housing allocation or their figures were not
17	accurate or whatever. I just
18	Q Did you think that they were unreasonable plans
19	A Yes.
	Have you reviewed any other Housing Allocation has been produced by any person relative to this
22	case?

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A Well, I have reviewed -- by your side? Your side or anybody?

Q Other than as contained in Z-1, have you reviewed

1	any other Housing Allocation Plan relative to this case?
2	A I reviewed the work the report and deposition of ch. Is that all?
5	A I think so, yes.
6	Q So, if a Housing Allocation Plan was done by a
7	planner or by anyone for that matter for any of the defendant
8	municipalities in this case, you have not seen it?
9	A I don't think so.
10	Q Have you discussed your methodology or housing
11	allocation planning, per se, in the context of the
12	lar case with anyone?
13	MR. VOGEL: Well, I'm going to Interpolate
14	an objection to the extent that it involves
15	discussions with the attorneys for the defendants
16	because, oppriously, it's a matter of the attor-
17	neys! work product and not discoverable.
18	I mean, obviously, he's talked to the
19	attorneys for the Common Defense Fund about his
	work.
	Have you talked with the attorneys of the Common
22	Defense Fund about your work?
23	MR. VOGEL: I'll represent that for the
24	record. He has made reports to them and talked

to them, told them his findings.

	Zimmerman-direct 35
1	Q Do you acknowledge what Mr. Vogel just said and
2	agree with it?
	that's accurate.
	Have you discussed your work product or your
5	work evaluation of what your work product would be, or your
6	methodology with anyone other than the attorneys, anyone
7	other than the people in your office?
8	A Yes, I have.
9	Q Who would that be?
10	A I've discussed my work with James Hughes who is a
11	professor of Rutgers University and John Mills who is a
12	professor of Princeton University.
13	Q Anyone other than those two individue
14	A Well, intermittently, I have discussed it with other
15	planning professionals but I would say that those are
16	telephone conversations as specific problems or ideas arise
17	rather than on a continuous dialogue basis.
18	Q Have you spoken about it with any professional

planners other than the attorneys who were working on that



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Who was that?

Richard Coppola.

And when did that conversation take place?

There were several conversations that have been taking

place since the litigation was initiated.

What was the purpose of these conversations?

Mathy discovery and that is for each one of us to

Mat was the purpose of these conversations?

Leavily discovery and that is for each one of us to be ware of what the other was doing, the approaches, methods, assumptions, etcetera, that each one of us were utilizing in our work.

Q Did you have a particular concern as to a conflict in his work?

A No.

Q Did he express any opinions to you about your work?

A No. I think we agreed to disagree.

Q Where do you disagree?

Well, to be very honest with you, I haven't read his final report so I don't know exactly where all the disagreements, if any, lie but during the conversations we were taking, I think, different approaches. I would say his approach was more in a planning oriented in terms of the relationship between housing and the intra-structure needs ted facilities. The definition of that region was than mine. Whereas my approach was more as a -- I should say not only as a planner but as a housing expert and I think we may come up with the same result and we may not. I don't know.

Q Do you know of any practical implication of this

	21mmerman-direct 37
1	disagreement or this different perspective in terms of where
2	you may disagree?
41	"t know what you mean by "practical".
	Well, for example, does he disagree with utilizing
5	the four-county region or an eight-county region? Or has he
6	rendered an opinion to you regarding that or any other aspect
7	of your methodology?
8	MR. VOGEL: I object to the question.
9	First of all, Mr. Zimmerman has testified that
10	he has not read the final report by Mr. Coppela.
11	MR. BISGAIER: Neither have I.
12	MR. VOGEL: Mr. Coppola's fina
13	will speak for itself. Z-1 and the Copporation
14	port to the extent that they differ in region or
15	whatever detail they differ and Mr. Zimmerman has
16	not read that final report so he really doesn't
17	know what Mr. Coppola's position is.
18	Q Do you remember the question?
19	A No.
	Let me ask you this.

r. Coppola express any opinion to you which indicated to you that he disagreed with the methodology that you utilized or the analysis that you have given us in Z-1?

No.

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Did you express anything to him which would indi-

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1	cate that you had a problem with or disagreed with the anal
2	sis that he was giving you regarding housing allocation on
	tor housing development?
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5	Q What do you mean that you "agreed to disagree"
6	when you said that? Is that just speculative?

A Well, in our discussions I could see the approach that he was taking was different than my approach and where we'll end up is a question mark at this point. At least, where he'll end up. I know where I'm ending up.

Q How does the approach differ?

A I indicated earlier that his approach is more oriented.

Q I remember that. But, quite specifically, if you can -- if you can't, just say so. Can you articulate that a little bit better as to what that means as to a difference of approach?

A Well, I might -- I don't know how far I can go along with this because I don't know to what extent being specula-what he's going to come up with.

Don't be. Just remember what he said.

MR. VOGEL: He's already answered the question, but he can expound upon it, fine.

A I'm going to come up with specific examples -- one example was that there was, for example, an identification of

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the region on the part of Mr. Coppola that was different than my identification.

What was his identification, if you can recall? recall, his identification was the regions consisted of Morris County and all contiguous communities.

Do you feel that was unreasonable? Just the difference of opinion as to planner?

Well, I didn't really -- didn't analyze it. As I said, I'm not in the posture to say "Rich, you're off the wall." He's doing his work and whatever he comes up with, he comes up with and when he submits a report, I'll look at it and form an opinion about it. But, I'm not pr do that at this point.

MR. BISGATER: Well --

MR. VOGEL: Objection. Let him finish his answer.

MR. BISGAIER: I didn't mean to interrupt you Mr. Zimmerman.

I'm just pulling that item on the table area as he th an item which is different than what I came up think it's a good example where we agreed to disagree and I'm not in any position to say that his region is unreasonable and mine is reasonable and vice versa. That is one item where we're disagreeing. When the final report is in, I will read it and I will form an opinion.

	Q	Well,	do you	n have	an op	lnion	now as	to w	hether
it w	ould be	approp	oriate	to do	any H	ousing	, Allo	ation	Plan
) Jar	Norte	County	and th	ne ind	ividua:	l muni	.cipali	ties	in that
COM	67 (\$4) u	tilize	the co	unty	itself	as a	region	gene	rating
hous	ing nee	d?						•	

A I've indicated in my report that the approach I think is most reasonable to employ is the four-county region.

However, one could, I think, validly say that there may be two regions. There may be a preliminary and secondary region.

For example, that the primary region may be Morris

County and that the needs that are existent in Morris County

at the present time of privacy and have to be dealt to there's a second housing region which incorporates regional factors. So, I don't know if he's taking that approach or whatever. But I'm saying --

- Just asking about the utilization of Morris County per se?

 A Well, at that point, I would have to say that unless one were to qualify the definition of region as I've just

 The same of the there are several regions of which Morris

 The same of the housing or something like that. Then, on its face, I would be suspicious of a region that solely was confined to Morris County boundaries.
 - Q Why are you evaluating Housing Allocation Plans

for purposes of this case?

MR. VOGE



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MR. VOGEL: You mean what purposes is he attempting to achieve? What do you mean by that question "why"?

Could you answer that question?

A Yes, I think I can answer it.

MR. VOGEL: Well --

MR. BISGAIER: Let him answer it. What do we have to lese by him taking his best shot at it?

MR. VOGEL: Obviously housing is the f mental issue in the case. I don't question.

Q Go ahead. Why don't you answer it?

A My assumption is that Judge Muir, at some point in time, is suggesting to say that Morris County needs or should have "x" amount of low and moderate income housing units and that my analysis, I would hope, would enable him to make that decision.

I see. You perceive that Housing Allocation Plan

Land and of ascertaining what the housing needs are in

Morris County for low and moderate income housing?

- A If I understand your question, I would say yes.
 - Q I don't think that gives me too much.

What is the relationship between the Housing Allocation

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1	Plan and what is a Housing Allocation Plan?
2	A That's somewhat difficult to define.
4	What does it do?
1	Theoretically it identifies specific goals and objec-
5	tives for, in this case, low and moderate income providing
6	low and moderate income housing and means to implement
7	those goals and objectives.
8	Q So then a Housing Allocation Plan is one to
9	identify housing needs of low and moderate income people?
10	A Housing needs of low and moderate income people should
11	in my opinion, should be an integral part of a houseless than
12	Q Do you know any other way to assess w
13	cipality's responsibility might be to provide housing oppor-
14	tunities for low and moderate income persons in the sense of
15	ascertaining a numerical number?
16	A I think yes, there are other ways.
17	Q What are they?
18	A I think one way would be a thorough survey technique.
19	Q What would that be?
	Land envision a municipality being surveyed and in
	the residents of the municipality surveyed and
22	specific data accumulated relating to their housing charac-
23	teristics and from that data or the analysis of that data,
0.4	hopefully, would generate a need figures.

What would those need figures reflect?

back?

1	A Well, that would be part of your you would, as part
2	of the undertaking, you would have to identify what housing
A	you wanted to identify you wanted to involve,
10.4	
5	providing or identifying middle income housing needs, just
6	hypothetically, was paramount and assuming that the moderate
7	income housing people would move into the units of the mid-
8	dle income peeple if new income housing was provided. Now
9	that approach assumes filtering and other factors you might
10	be particularly interested in the need for senior citizen
11	housing and the problem there might be a problem in the
12	community that would be, hopefully, discovered and
13	through the survey technique but that's been dene the survey
14	it's a very valid approach to identifying housing needs.
15	Q Suppose your goal was to determine whether a
16	municipality land use plan was responsive to regional housing
17	needs, regional and local housing needs?
18	In other words, your goal as planner, you were asked
19	to do that, what would you do?
	sounds like one of Paul Davidoff's essay question
- -19-,	is a pretty extensive that question requires a
22	pretty extensive answer. I assume you want me to go ahead?
23	Q Yes.
	MR. VOGEL: Could I have the question read
24	•

(Whereupon the report read back the following question:

"Question: Suppose your goal was to determine whether a municipality land use planswas responsive to regional housing needs, regional and local housing needs? In other words, your goal, as planner, you were asked to do that, what would you do?"

MR. VOGEL: I'll object because it's maxi trial expert. The issues in the maxi trial is defined by the court, the definition of the for purposes of this litigation numbers second, the low and moderate income housing needs of that region. I think that the question is beyond the scope of Mr. Zimmerman's report. Beyond the scope of his function in the maxi trial to get down each individual municipality and what was the detailed type of work he would do in each individual municipality.

If you want to answer, I would certainly -I would not direct him not to answer the question
but that certainly does call for an extensive
answer.

MR. BISGAIER: Let's see how we do. If it rambles on for a few days, we'll all agree to cut

it short.

A I'm getting paid by the hour. It might go on for

question which is how can a land use plan be constructed to be responsive to local and regional housing needs.

Q Sorry, that wasn't the question.

The question is how would you evaluate whether or not

A I'm sorry. It was responsive to local and regional
housing needs. Well, that question can be answered much
shorter. Whether I would suggest that that plan be evaluated
in two ways.

One if, on its face, it provided the opportunity or housing to exist which would be occupied by low and moderate income people; two, to evaluate the situation over a time period to see, in fact, what did occur within a year or two years or three years, whatever your time period is.

Q The first thing or one thing you would do would be to evaluate the land use plan to see whether an opportun-

A Not quite. I didn't say construction. I said whether the opportunity was available for housing to exist which would be occupied by low and moderate income people.

Well, that housing may be in new housing, it may be old

1	housing might be subsidized housing, it might be unsubsi
2	dized housing.
3	And the second thing that you would do is evalu

And the second thing that you would do is evaluate for a period of time whether or not that had, in fact, occurred the low and moderate income persons had occupied those buildings?

A Yes.

Q How would you do it?

A Well, -- yes, -- okay. That's fine whether those units -- whether low and moderate income families exist in the municipality.

Q How would you determine whether or not use plan had afforded an opportunity for low and income persons to occupy housing in the municipality?

A I would first examine the housing that existed in the municipality at the present time and make a determination as

Q Would you do anything else?

ate income people or not.

second aspect, I would examine the local land use regularizes to try and ascertain whether they afford an opportunity for housing to exist for low and moderate income families.

to whether those housing are being inhabited by low and moder-

Q What would you look for?

MR. VOGEL: Could we have a note on the

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1	VI WWO LHEST 41
1	record of who!s joined us?
2	MR. REED: Charles Reed from the Firm of
. 3	Shanley & Fisher.
4	MR. VOGEL: Representing Harding Township
5	I take it?
6	MR. REED: Right.
7	Q Did you finish that question?
8	MR. VOGEL: Off the record.
9	(Whereupon a discussion was held off the
10	record.)
11	Q What was the question? Do you remember the
12	A I think we're heading up to land use control
13	Q That's right. How would you know whether the
14	land use controls afforded that opportunity or not?
15	A Land use controls maybe I should have stated this
16	in the beginning. I was thinking of it but land use control
17	in my opinion, may impact on a portion of the opportunities
18	for low and moderate income housing so to the extent that
19	zoning or other land use controls have a role to play, I
M	ine those controls and make a determination as to
21 21	was the of housing would be generated, if built, as regu-
22	lated in the zoning ordinance.
23	However, I think we all realize that housing for low

and moderate income people is not solely generated by new construction and is not solely generated by the private

housing market. To that extent, land use controls may not have any weight at all.

Let's suppose they did. Okay, hypothetically -see that you can make a direct correlation between
land controls and the opportunity for low and moderate income persons. Now, let's hypothetically say you could review
the land use plan and ascertain from that land use plan and
the totality of the actions that the municipality could take
or has taken.

How many units of low and moderate housing has the municipalities chosen to afford? How would you know they had been doing enough, affording an adequate number respond to local and regional present and prospective units?

MR. VOGEL: I object to the question on the basis of the fact that the hypothetical is based upon an assumption or assumptions which are directly contrary to Mr. Zimmerman's answer to the last question. And therefore it's certainly an improper question. There has got to be a foundation for hypothetical questions. You are trying to build a hypothetical question with this witness. At least build it upon the testimony that's given or his statements contained in Z-1. Can you answer the question?



Q

THE WITNESS: Did you object to my answerin the question?



MR. VOGEL: If you are able to, I will not direct you not to answer it but my objection is on the record.

A Just to be sure I understand fully the question could either be read or paraphrased again?

Q I'll paraphrase it again.

Suppose a municipality could, in fact, control how many low and moderate income housing units or, for that matter, the nature and type of housing units that are produced in the municipal control -- what economic ginto the municipality -- suppose they could do that in such a manner that they could insure, in some way, that housing that was produced in the municipality was affordable to low and moderate income groups.

How would you know whether what they had done was adequate to respond to their regional, local, and regional prospective and present housing obligations?



MR. VOGEL: I'm going to direct him not to answer.

MR. BISGAIER: Oh, Herb --

MR. VOGEL: Just a moment --

MR. BISGAIER: Are we going to have to go to the Judge to find out the answer?

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MR. VOGEL: Just a moment. When you hear what I have to say, then you can express your-I am going to direct him not to answer the question to the extent that the assumptions contained therein are not consistent with his own views as stated in either Z-1 or as stated in his previous answer or his own, just generally.

So, if the assumptions are not consistent with his views, I don't see how he can give an intelligent response on the answer.

Mr. Zimmerman, could you give an intelli responsive answer to that question?

Yes and no.

Well, to the extent yes, could you give an extent no? Would you hold it back?

I don't think that there's any way that anyone can accurately measure whether the needs for low and moderate income housing are completely satisfied. So, I think the goal that is part and parcel of what I have identified we're househere is difficult to entertain in reality and theory.

I think the best that you can do is make a reasonable, hopefully rational, attempt to measure the need and provide for that need recognizing that even after that exercise is completed you will probably fall short of the mark.

Ä. BAYONNE. 00

Q And the way to do that is how?

A Twofold. One would be to identify the needs that are generated within the municipality itself and second to identify the needs that are generated from outside of the region or to generate and then to identify the best and most appropriate means to deal with those. Now, you've suggested that the hypothetical means would be through zoning land use controls.

Q Could you think of any other way that the municipality could impact on creation of housing opportunities for low and moderate income persons?

are limited in their impact. Most land use controls are geared to address new construction in a particular private construction to the extent that they already exist in the municipality. Older housing that may be available to low and moderate income people or to the extent that subsidized housing could be introduced, land use controls really don't have too much to say about that.

Do you perceive that a housing allocation plan is a way to ascertain what the municipality's responsibility is in terms of addressing present and respected local and regional housing needs?

A Yes.

Q Do you know of any other way to make that assess-

. 1	ment?
2	A Well, I indicated earlier, I think a survey technique
	up with the same quantitative output.
	MR. VOGEL: Off the record.
5	(A discussion washheld off the record.)
6	MR. BISGAIER: We will take a short recess
7	for lunch.
8	(A short lunch recess was taken.)
9	CONTINUED DIRECT EXAMINATION BY MR. BISGAIER:
10	Q You used the term household sizing in your depos
11	tion and in Z-1; is that correct?
12	A Yes.
13	Q What is household size? As you have used Ivi
14	A That is the number of persons per household.
15	Q Is that an average number? Are you using average
16	numbers in it? What is average household size?
17	A Yes, as I recall it, the figure that everyone is using
18	is average household.
19	Q What is average household size? How did you
	t?
	determining the number of persons in each household
22	and dividing by the number of the household.
23	Q And you refer in your report in Z-1 to the Port
24	Authority of New York and New Jersey average household size

determinations; did you not?

Yes. 1 What specifically are you referring to there? 2 fic report was that derived from? recall, that report was entitled "People and Jobs" published in 1974. 5 Do you have a copy of that report? 6 Yes. 7 And the average household size numbers that you Q. 8 utilized in Z-1 were derived specifically from that report? 9 A Yes. 10 Q. Did you extrapolate it or analyze the report to 11 derive those figures or was there a specific char 12 those figures in the report? 13 I'd have to look at the report. I don't remember. 14 Could you produce that in the next deposition Q 15 when you produce your other documents? 16 Yes. Α 17 Q Are you familiar with any other average house-18 hold size projections that have been made for the eight-19 ion referred to in the DCA plan? recall it, Tri-State Transportation commissioned household size data which was similar to the Port Authority 22 data. 23 What is the basis of that conclusion? Q

A Of my conclu

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A Of my conclusion or their conclusion?

, 1	Q Your conclusion that they were similar?
2	A The numbers were similar. The figures were similar.
	Where did you derive the Tri-State figures from?
•	A less, I don't recall the name of the report. I could
5	make it available to you.
6	Q Thank you.
7	Are you familiar with any other household size projec-
8	tions other than those?
9	A What do you mean by "familiar"?
10	Q Do you know of any other? With specific regard
11	to the eight-County region?
12	A No.
13	Q How did you evaluate the merits of the kould be
14	size projections that the Port Authority used?
15	A As I recall, the figures utilized by Port Authority
16	and Tri-State were comparable and, in my opinion, the figure
17	used by DCA was decidedly different and, in my judgment, was
18	unreasonably low for Morris County.
19	Q How did you make that determination that one was
20	unreasonably low and that another was more appropriate?
4	two that I made reference to, Tri-State and Port
22	Authority, were similar, comparable in the same ballpark
23	I chose whatever adjective I think I'm saying that
24	their choice and DCA's figure was divergent from that. From

those other figures and, in my opinion, as I said this morn-

ing, the size of the household is a variable, that those change, and I think that the literature that I've read indi-

size and I feel that this was particularly important since the household size figure not only is applicable to 1970 or 1977 but also is applicable to generating the data for 1990.

What we could have done is to plot on the graph the changes in household size say for 1940 or 1950 and to continue that graph cut to 1990 and come up with an average household size for 1990 or for 1985 or we'd come something that's reasonable to apply recognizing dealing with the future and we're making an estimate to what the future household size would be.

However, I did not choose to do that and chose rather to use the figures generated by the Port Authority. However, if I did plot that information on a chart, it would not be dissimilar at all to the Port Authority figures.

Q How would you plot that theory? What would you

the vertical -- the horizontal access years and on the vertical access the average household size and I think you would see that the household size has been steadily declining.

The opinion is that we can't decline any more than where we

are and that we would see an upsurge in the future.
Q Would we see that on this graph?
1 I m't know. I don't know, I didn't plot it out. We
any as a result of your questions. I may be so
moved.
Q So, you don't know now, for example, what the
latest data is on household size in this region that's
derivable from census information or other information?
A We may have census reports in my office that deals
with that indirectly.
Q I'm sure you do. I'm asking you whether you
had reviewed that information prior to making the
that the Port Authority household size projections
eight-county region were moreorless appropriate than DCA's?
A I don't recall whether he did or didn't.
MR. BISGAIER: A short recess will be
taken.
(Whereupon a recess was taken.)
MR. BISGAIER: Miss Reporter, will you
please read back a few of the last questions?
(Whereupon the reporter read back several
of the questions preceding.)

CONTINUED DIRECT EXAMINATION BY MR. BISGAIER:

Q Could you tell me exactly what you did review prior to making your judgment that the Port Authority house-

hold size projections should be utilized for purposes of your report?

The think I can do that with the precision that the

Q So, when you refer to all the studies and historical trends and the like you can't be more precise to say there are studies and there are trends to indicate that the Port Authority figure is more reasonable?

A I can't be more precise at this point. If the need for more backup information that could be generated.

Q No, I don't need more backup information. What I'm curious about is what you utilized in making the judgment to use the Port Authority figure?

A I can't, at this time, tell you what we used.

Q If you can't, fine. You don't recall any specific report that you read that supported that figure? You don't analysis that you did. any census information that

analysis that you did, any census information that Nothing?

A Well, I can recall examining a variety of reports and literature. I can't give you the names at this time.

Q Let's try one more time. You referred to the general opinion, I guess in the profession, that the decline

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in h	ousehold	size,	in ave	rage hou	sehol	d size,	is botto	ming
out	and I thi	nk you	testi	fied the	t we	are goin	g to see	a ris
	ha kap rag	e hous	ehold	size; is	that	not cor	rect?	
	- The same							

Q What is that judgment based on? Whose opinion are you referring to?

A Again, the distillation of the variety of reports and information that I read and analyzed and looked at. If it is required that I footnote my statements, I'm prepared to do so but, I feel that I'm an expert in the field and that's my opinion.

Q Do you plan on utilizing any supporting mentation for that opinion at trial?

A I may. I may not. It depends upon what the attorneys for the Common Defense Fund feel is appropriate.

Q Can you produce then, at the next deposition, all of the information, all of the reports and documents which, to the best of your recollection, you actually utilized or actually referred to in making any of the judgments

ontained in Z-1?

uld say it's impossible to do that.

Q Why?

A Well, there are, as I indicated, a variety of reports and information that I read and analyzed that cross my desk. There is material that I --

Q Could you produce it?

That I discussed with other faculty at Rutgers and to swear that I'll tabulate all of that, I was just impossible. There may be some material that is more accessible and more relevant than others. I mean, I think it's unfair to ask an expert to say, to put on the table, everything that goes into his expert opinion. It's like saying describe the world.

It's all based upon many things. That may have happened fifteen years ago.

Q Well, why don't you try and see what bring with the understanding that it may be the elist, that you may forget something. I don't think anyone is asking you to do more than you can do.

But, I would like to see what it is that you are relying upon for the judgments that you are making, the expert opinion that is reflected in your report. With certain specificity as to household size and population projections and all that.

The state of the size of the s

1	ble and bonafide agencies not to generate something of my
2	own, my knowledge, based upon something that may prove to
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	You consider the Department of Community
5	Affairs a reputable agency?
6	A It is a reputable
7	Q Do you consider the household size unreputable?
8	A resident to the second of th
9	Q What is the basis of that opinion?
10	A No one else agrees with it.
11	Q Who else? Everyone else in the field that dis-
12	agrees with it?
13	A I mentioned two very reputable agencies, that is the
14	Port Authority and Tri-State.
15	Q Do you know of any other agency that disagrees
16	with it? Any other person that disagrees with it?
17	A There may be others.
18	Q But, you don't know any now?
19	A As I said, there is information that we just got
	alking about that would suggest that DCA's figure
22	Q Could you produce that information?
23	A I think we have already agreed to do that.
24	Q Okay. What would you accept as an acceptable

deviation from the Port Authority household size projection

1	Zimmerman-direct 61
1	as what might be a reasonable deviation that you would accept
2	A I don't know if I'm prepared to answer that. I don't
	acceptable deviation would be seven percent or
	rcent I couldn't put up a figure at this time.
5	Q Whatever the Tri-State deviation is, you're
6	willing to accept that, I take it, as indicative of the fact
7	that the Port Authority figure is reasonable because it's
8	comparable to Tri-State; is that not correct?
9	A Right.
10	Q Is there any reason to select the Port Authority
11	figure as opposed to the Tri-State figure?
12	A I don't recall it may have been that Tri
13	higher and we chose the lower figure.
14	Q But, you just don't recall what the basis of
15	choosing between them would be?
16	A Not at this time. I would have to look at my notes
17	and see what my notes were at that time.
18	Q Could you produce those notes? Well, actually
19	you have been subposnaed to produce them. You have never
	copy of the subpoena?
	MR. BISGAIER: Off the record.
22	(A discussion was held off the record.)
23	THE WITNESS: I don't think I can get them
24	to you until the last week of November or the
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first week in December because I'm going on vaca-

I return, we will assemble that material and it will be forwarded to Mr. Vogel and Mr. Clapp whom I assume will forward them to you.

MR. BISGAIER: They don't have to be forwarded. They will be at the next deposition.

Q In any event, as I understand your testimony, either the Tri-State or the Port Authority household projection would be acceptable to you as in the range of reasonableness to you as a valid projection?

A As I remember it, the Tri-State projection, I would agree with you.

Q Have you ever utilized household sixen household size information in any report or analysis that you have done other than what is contained in Z-1?

A No.

Q Have you previously rendered an opinion about the merits of any particular household size projection prior to what is contained in Z-1?

I den't recall ever doing so.

Is this then the first time that you have ever

A No.

Q When have you done it previously?

A I would say throughout my career as a planner. I have

studied the item as a student in school and I am well familiar with household size statistics.

Being familiar with the statistics is one thing, duated the merits of a projection is another. Have you ever, previously, either made a household size projection or evaluated the merits of another person's or agency's projection? If so, where and when?

A Well, the statistics or the figure is part and parcel of the myriad of information that I deal and have been dealing with for a considerable period of time. However, as -- but, as I recall, Z-1 is the only written documentation have produced that critically examines a household figure and suggests the substitution of another house. It size figure.

- Q Are you familiar with any authoritative text on how to make household size projections? Do you have any -- A One does not come to mind.
- Q In the schooling you referred to, what were you referring to in terms of household size projections?
 - arily to my education as a planner and subsequent
 - Q Nothing more specific than that?
- A You asked me a question. I'll answer whatever you want me to say.
 - Q That's the question. Anything more specific than

Do you want to know the courses that I have taken?

The courses that specifically or the texts that

ally deal with household size projections? Are you

familiar with any texts?

I don't think there is --

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MR. VOGEL: You said "courses or texts"?

I don't think there is any one text that deals with household size projections. There are chapters of books that deal with it.

Any that you would rely upon as authoritative?

I can't cite one at this point.

Should you refresh your recollection answer comes to mind, had you known the information today you would have answered differently. Would you let us know through Mr. Vogel --

> MR. VOGEL: First of all, it's been clear that he's going to testify at another time and if there is something you want him to bring, tell him to bring it.

MR. BISGAIER: That is not what I am getting at. All I am getting at here is basically to inform you that I'm requesting you to, should subsequent to this deposition or any other deposition, to your recollection that your answers

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-- that you would be able to supplement your answer with more definitive information, I'm just asking you to do so through Mr. Vogel. That is all.

A As I understand it, you have requested all my notes and backup information?

Q Right.

A In addition, you have requested that I produce whatever reperts, studies, or other information, that as best
as I can recall, filtered into my decision regarding househeld size?

Q That's correct.



A Okay.

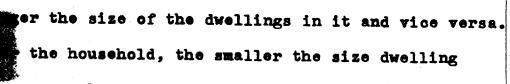
Q That will be it.

Is there a relationship between household size and zening?

A Yes, I would say so.

Q What is it?

A The larger the household size, the larger the structures



units, as a general approach.

Q Is it true as a general approach that single family detached households that occupy single family detached units, tend to have greater household -- average household

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One being

1	size than households that occupy multi-family units?
2	A Yes.
	So that if a municipality zoned solely for
	that impact on household
5	size in that municipality?
6	A Yes.
7	Q How would it impact?
8	A The average household size would be, say it might be,
9	above the average for the State.
10	Q So, take a municipality such as Mt. Olive, for
11	example, prior to the introduction of what I am teldes
12	thousands of multi-family garden apartment units.
13	MR. VOGEL: But that was part of your dis-
14	covery before you decided to sue Mt. Olive.
15	Q In a municipality such as Mt. Olive, were you
16	speaking prior to the introduction of the garden apartments
17	in the municipality? The average household size was greater
18	than it is today for that municipality?
19	A Yes.
	How do you account for the differences in the
	sehold size among the component counties of the
22	four-county or eight-county region that we have been referring
23	to?
24	A I would suggest two factors which relate to the differ-

ences in household size in counties in New Jersey.

1	the largest number of unrelated individuals in the suburban-
2	ized counties and the second being the largest number of
	the children in these suburbanized or urban coun-
5	Q Now, if an unrelated individual strike that
6	define what an unrelated individual is?
7	A Single person household.
8	Q Is there a particular housing type which is
9	more likely to attract an unrelated individual as opposed to
10	a family?
11	A Yes.
12	Q What is that?
13	A Several types, starting with boarding house of Testing
14	house, apartments, perhaps tewnhouses or condominiums I
15	say a condominium, I really mean a hi-rise.
16	Q Is there any reason why in any given region, in
17	ether words, the eight-county region or the four-county
18	region or any given region average household size all things
19	being equal should be relatively the same within that region
	ine region?
	't know what you mean by "all things being equal"
22	because they aren't equal.
23	Q What makes them unequal?
24	A Employment.

How does that impact on average household size?

A The type of jobs available in suburban communities are different than the type of jobs available in urban communi-

Like, for example, what?

A I would -- today there are more jobs in urban communities that would be occupied by single persons than in suburban communities.

Q Like that? Single persons, you are referring to unrelated individuals. There are certain jobs which you are saying which attract people who live alone?

A Right.

Q What is an example of such a job?

A Well, I would say that the urban area has traditionally been the low key for single persons going to say New York, Newark, whatever, or Cleveland, to essentially "seek their fortune," and when you look at the statistics, you find that in almost all urban communities there is a migration of young people in the age category of say twenty to thirty and these are usually people here starting their

and they are at the entry level in various employment situations.

Q What specific jobs would appear in Newark that wouldn't appear in Morris County that would more attract an unrelated individual person living alone to Newark as opposed

to Morris County? What is an example of one?

A I think I have answered that to the best of my ability, at this time.

- Other than employment, what are the other variables which might impact on the location of unrelated individuals or an average household size within a region?
- A I think there are certain cultural and social factors.
 - Q Like what?

Variety of recreational, cultural entertainment factors than the suburban community. Traditionally, suburban community. Traditionally, suburban community ing for mixing with other single individuals might find a suburban community dead or there's no action here, whatever. But, an urban community offers indefinitely more opportunities for interaction and for variety and the glittering lights are attractive to unrelated individuals.

Q Is there any report or analysis that anybody has done, to your knowledge, which would account for the location of anythed individuals or the choices that are being made by unrelated individuals as to where they reside?

A Well, I would submit that the opinion that I have rendered is universally held and I would find it difficult to believe anyone had a different opinion. I could certainly generate a study or report that would support that if you

feel that is important. I don't see --

Q That you would write or has been written?

has been written.

Have you reviewed that prior to --

A Again, I said that my opinions are based upon my education and experience which expands a long period of time and I can't bring that information, every report or study that I have ever read because I have a library full and to produce such a report and testify that I have read it and it influenced my opinion and -- if you want me to produce that, I can.

Q Mr. Zimmerman, would you be surpised
were estimated communities or any community, municipality
within Morris County, for example, which had an average household size lower than the average household size in Essex
County?

MR. VOGEL: Let me just interpose an objection. Unless that question is based upon reports that you have seen and facts that are available, you know, it is a misleading question.

Do you know -- I'll rephrase the question.

Do you know of any municipality in Morris County which presently has an average household size more than the average household size for Essex County?

MR. VOGEL: Are you talking about any



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community as distinguished from Morris County as a whole?

MR. BISGAIER: Right.

I am't know.

Q If such were the case, would that affect your judgment that you've testified to previously?

MR. VOGEL: Objection. Unless you know that identity.

MR. BISGAIER: I den't know.

MR. VOGEL: Wait a minute. You are asking a question which is premised upon a fact, a hypethetical assumption. I have no premised with the question but if you are aware of the fact then tell the witness. It is "x" community that has a lower average than Essex County, so that he can respond to it intelligently.

MR. BISGAIER: If I knew, I wouldn't have asked the question hypothetically. I don't know.

MR. VOGEL: So, you don't know if there is any community?

MR. BISGAIER: What I am asking is how that would impact on Mr. Zimmerman's judgment.

MR. VOGEL: I object to that question. If you want to ask him a question, hypothetical question, based upon some assumptions that you



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know.

know or so they are founded in some report that is one thing. If you don't know whether or not there is such a community, it is totally unfair and it is irrelevant. It is immaterial unless there is such a municipality.

Could you answer the question?

MR. VOGEL: Is the question, does he know of any such community?

MR. BISGAIER: No.

MR. VOGEL: Can we give some foundation for it?

MR. BISGAIER: He answered it.



MR. VOGEL: How could he?

MR. BISGAIER: I asked a hypothetical.

If he can answer, fine.

MR. VOGEL: Now, unless you can tell the witness there is such a community and you are familiar with such facts there that there may be no such community, you are asking him to answer a question based upon facts that don't exist and we are really not achieving anything here.

MR. BISGAIER: You are directing him not to answer the question?

MR. VOGEL: Fine, he is directed unless you

have -- you can represent to the witness or to me and I will accept that representation that there is such a community. If so, tell him what it is and then he can answer the question.

Q If there were -- is it probable, Mr. Zimmerman -to what extent do you think, as a professional planner, that
household size -- average household size figures for any
given municipality may be a function of that municipality
exclusive of multi-family uses?

A That may be a part of it.

Q How significant a part of it? Would to evaluate that?



A No.

Q In making a projection as to the future household size of any given municipality, are past exclusionary patterns taken into account?

A Are taken into account by whom? By me or other experts?

- Q Did you think they were appropriately taken into account or should have been taken into account?
- Int. initially, you inquired as to whether zoning or interest controls may have a part in household size and I said that they may play a part. Now, you are asking if exclusionary zoning contributes to household size, if I am paraphrasing you correctly?
 - Q I believe you answered the question. They do;

is that correct?

A It might be a factor but it may be coincidental.

A How might it be a factor?

there is going to be a correlation between the household size and the type of housing found in the community and equally obvious there will probably be a correlation between the zoning exclusively for single family housing and household size in the community but, there may be a coincidental factor in that if there were absolutely no zoning in that community. The free housing market would built single family housing in that community. So, that there may be ship between household size and zoning but that relationship between household size and zoning but the result of free operation of housing market, and it might have come up with the same thing.

Q Do you agree it is only a function of design and coincidence?

A No, the only opinion I have in this area is that if an area is that if are area is that if are area is that if an area is that if area is area is that if are area is that if are area is that if are area is that if area is area is that if are area is that if are area is that if area is area.

Q What does that have to do with household size?

A Well, I think it has something to do with the exclusionary zoning issue and the relationship that I thought you were

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painting between large household size and the way a municipality zones.

saying that just because a community has a large choic size doesn't translate into a finding of exclusionary zoning for that community. I think that it may be the case, it may not be the case. Obviously, there are many factors and I am suggesting one which I think is reasonable

If there was zoning in that community, there still might be a preponderance of single family homes in that community.

Is there any reason why you would obju utilizing the average household size for the regi household projections for the component counties of region?

Yes.

What is it? Q

Because I think that there are significant differences between the counties in the region and I think these differences are valid and have nothing to do with housing. So, I to how.

Give me the specifics? What are they, that would lead you to say that it's unreasonable to utilize the region+ al average household size in making population projections for component municipalities, as opposed to the particular county average household size?

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A	Well, ma	ybe I didn't	understand y	our question	n. I
thoug	ght that y	our question	was is it re	asonable to	use the
	size	for the enti	ire region, f	or the comp	onent
	r is	it reasonabl	le to use the	county whi	ch had
house	hold size	for the comp	onent munici	palities?	\$

Q I will rephrase the question. Would you say it is unreasonable to utilize the average household size in the region as the figure which you use in a computation to derive future household projections for the region -- for the component counties in the region?

- A For the region, for the component --
- Q For the component sewnties of the region.

 A Yes, I was saying it is unreasonable to do that
- Q Would you tell me specifically why you believe that is unreasonable?
- A Because I don't think using that figure you have a fair spectrum or representative sample of the housing types that are available or should be available in the component county.

is, for example, if you said let's use the housefor Morris County as the household size that we
should average for or build into other formulas when you
compute housing allocations for the constituent municipalities in the county, I would say that that seems to be a fair
approach. Because, within Morris County you have a spectrum

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and of family/unrelated	individuals and to use	the county	average
seems in my opinion	to be a fair approach.		

Q Why? Is it any more fair than using the regional

A Because, the regional average is weighted in terms of urban and just by statistics in sheer numbers of people that are found in urban areas.

Q I am not talking about the sheer numbers. I am talking about the household numbers, right?

Well, there are more people living in Essex County and Union County and Newark and Elizabeth and Orange and Reselle than there are people in Morris County. Se, any that uses that average for an area like Morris County be weighting that in favor of urban characteristics. Just as if I said "let's use the Morris County figure for design housing for Newark." And that might be equally unrealistic because it does not have any relationship to Newark and, in my mind, it would be equally unreasonable.

Q Would you believe it is equally unreasonable to that projected household size for Morris County in terms equality as to the future households which will exist in that municipality; is that not correct?

A I have already testified that I think that would be a reasonable approach.

Q You think it is unreasonable to use the regional average household size in making those computations?

Why?

Because, I feel that the regional household size

A Because, I feel that the regional household size figures are weighted in favor or towards the urban communities, and I don't think the urban communities represent the mean or the average for northern New Jersey. I mean, I am not prepared to say that we should use data that suggest to result in every community in northern New Jersey having a significantly high number of unrelated individuals because that is not what the average population looks like

The average population of a region is white the region's average population is; right? I don't understand the point you are making at all. So maybe you can clarify it for me. You have a region that has an average household size; is that correct?

A That is correct.

A That's correct.

Q What is wrong with using a projection as to that regional household size that is going to exist and the average for that whole region and using that figure in the compu-

tatio	n of t	otal 1	nouseh	olds for	that	t region	, is	tb	ere a	ny-
thing	wrong	with	that,	because	the	average		is	there	any-
, this	MFORE	with	that?							

Tie Te.

Q You would not say totally what the projected regional household size is?

A There is only one reason that we are dealing with the four-county region or DCA is dealing with an eight-county region and the only rational basis for coming up with that region is that that is a housing region and as such satisfies such criteria to be defined as housing region. There is nothing in that statement that says that because ing with this region in terms of housing that walls also deal with this region in terms of average household size or average income or average anything else. I might say why not take the household size of the nation or why not take the household size of Morristownu. I can take anything as long as I just figure what I am using and come up with some reasonable basis for that.

Why not take the household size of the nation?

I think at this point, I don't know what the household size of the nation is. I don't know what that would -- what that figure would be.

Q Isn't it a fact that the more that you move away from what the local figure is, the more you would move

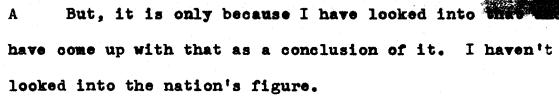
away from that figure which may be excluded by such things as local municipal land use decisions which may or maynot make the state of the second beat those decisions?

I think that --

Q It is not?

I think that the household size figure for the fourcounty region that I have identified may very well be significantly different than the household size figure for the
nation as a whole and I don't know which one is more valid
to use.

Q You do know that it is more valid to county figure than the regional one?



Q You said before that you don't know what would be an acceptable deviation from the Port Authority figure whether it would be seven percent or fifteen percent. How would one know -- how would one comfortably derive an acceptation from such a given figure?

don't think it is purposeful.

Q Well, humor me. If it's twenty percent, would you say that it's too great a deviation?

A I have no way of answering that. I have never seen

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household size figures presented or analyzed in those terms and I don't know whether a five percent or ten percent,

cent deviation would be and if it was twenty perhat would be useful.

Well. if you are doing a projection that's a Q little bit of a -- by its very nature is a projection into the future. We don't really know what the future will hold and we do the best we can in making a projection in trying to seek and say; isn't that correct? Isn't that the nature of a projection?

We all do the best we can.

Right. And built into that, as far tell, anyone else that has done a projection, where for household size or for population, there are standard deviations which are acceptable, which they -- the planner or whoever is doing that projection would say that within this range my anticipation is that, this will be the accurate figure -- now, projected household size is a very specific number, whether it's 2.9 or 3.2 and what I am asking you is be an acceptable deviation from that that you t be fitted into the range?

There's no population projection that has ever used the term "deviation" or standard deviation. What is attempted or usually done is to present a range -- if you are so inclined to do that. Some people don't present a range. They feel

this is going to be the population in 1990 and that's it. 1 Other people say based on different assumptions the populabe "x" or the population could be "y". Just like rt, I said in the economic section, the economic model of my report, I said, "that depending upon your fore-5 cast for employment growth, the needs for low and moderate 6 income housing could be "x" or could be "y". It depends 7 upon your assumptions." I think that is the standard proce-8 dure in making projections about the future population. 9 The census makes projections using different birth-10 rate factors or different fertility rate statistic 11 12

With regard to household size, you do self have or you do not know of any range that in ter projections that you would be comfortable with?

Well, I have indicated in my report what I am confortable with and what I am uncomfortable with.

You would be, at least, comfortable with that range between Tri-State and Port Authority figures but not comfortable between the range of the Port Authority and DCA

not comfortable with the DCA figures.

You are comfortable with the Tri-State figures?

With the Port Authority figure.

What about the Tri-State figure? Q.

To the best of my recollection, I think that figure is A

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in	the	same	ballpark	88	the	Port	Authority	figure.
				_				

Q And therefore reasonable?

And therefore reasonable. If it is not --

How close would it have to be for you to ascertain whether it was reasonable or not?

A I don't know.

Q At least in your report you said it was comparable and close to it and therefore acceptable?

A Right.

Q But you don't recall what that was based on?
That judgment?

A No. I would say it's a judgment that was not a saying that well, this is eleven percent, therefore good, but if it was nine percent, it would be good.

Q What would it have been based on if it wasn't based on that?

A I don't know. I said before, I have to look at my notes and determine what went into my decision. Maybe it had nothing to do with the range, maybe it had something to do with their assumptions as to why these figures were one thing that met ther.

In evaluating those assumptions that evaluation

-- the assumption that you read or the amount -- the analysis

of the Port Authority that you reviewed was the analysis that

was contained in that one document; is that correct?

As I recall, yes.

2	Q Did you review any other documents taken by the
3	Pept Authority supporting that analysis?
4	A. We may have. There are, quite frankly, a lot of things
5	that I have read and they all were not read last week. I
6	just don't remember everything.
7	Q Did you speak to anyone at the Port Authority
8	to ascertain how they did that analysis?
9	A An individual on my staff, working under my super-
0	vision, spoke to both the Port Authority and Tri-State people.
1	Q Who's that individual?
2	A The girl who was here this morning, Susan G
3	Q Any information that you had used the was seen
4	regard to that computation, would have been derived from a
5	conversation or notes that I am sorry, what was her name?
6	A Susan Gruel.
7	Q Ms. Gruel would have given you?
8	A Notes, verbal information and/or reports.
9	Q Would you bring with you any notes or reports
7 0 °	that she produced relative
14.	A Yes I plan to.
22	Q or any employee of your firm, if there are
23	others. Produced relative to this case at the next deposition
4	A Okay. Let me ask one question. Who is going to take
5	the time to duplicate all of that stuff?

1	Q Don't worry about that.
2	A I am not going to give you my notes. You are going to
	of my notes. I am continuing to work with this
	I need it. I just can't
5	Q You won't have to leave it. Just bring whatever
6	you can. You can take it back with you when we are finished.
7	A Fine.
8	Q Do you know who you spoke to at the Port Author-
9	ity?
10	A No.
11	MR. BISGAIER: Off the record.
12	(A discussion was held off the
13	MR. BISGAIER: The next date was projection
14	for December 3, 1979, at 9:00 A.M.
15	(This deposition was adjourned at 2:25
16	P.M.)
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<u>C E R T I F I C A T E</u>

I, JO-ANN KANNON,

a Shorthand Reporter of the State of New Jersey,
do hereby state that the foregoing is a true
and accurate transcript of my stenographic notes
of the within proceedings, to the best of my ability.

Jan tarion