ORIGINAL

UNITED STATES NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF:

DOCKET NO: 50-322-1 (OL)

12 5

LONG ISLAND LIGHTING COMPANY (Shoreham Nuclear Power Station)

ø

LOCATION: HAUPPAUGE, NEW YORK

PAGES: 26906 - 26978

DATE: FRIDAY, NOVEMBER 16, 1984

TR-010/1 additional 2 Lague to AUBP, E/W-439

ACE-FEDERAL REPORTERS, INC.

8411210013 841116 PDF ABOCK 05000322 PDR

Official Reporters 444 North Capitol Street Washington, D.C. 20001 (202) 347-3700

NATIONWIDE COVERAGE

10 00 0809		26906
2 WRBeb	1	UNITED STATES OF AMERICA
	2	NUCLEAR REGULATORY COMMISSION
	3	BEFORE THE ATOMIC SAFETY AND LICENSING BOARD
•	4	1
	5	In the matter of: :
	6	LONG ISLAND LIGHTING COMPANY : Docket No. 50-322-1 (OL)
	7	(Shoreham Nuclear Power Station):
	8	!
	9	State Office Building.
	10	Veterans Memorial dighway.
	11	Hauppauge, Long Island, New York,
	12	Friday, 16 November 1984.
	13	The hearing in the above-entitled matter was
•	14	reconvened, pursuant to adjournment, at 9:00 a.m.
-	15	BEFORE:
	16	JUDGE LAWRENCE BRENNER, Chairman,
	17	Atomic Safety and Licensing Board.
	18	JUDGE PETER A. MORRIS, Member,
	19	Atomic Safety and Licensing Board.
	20	JUDGE GEORGE A. FERGUSON, Member.
	21	Atomic Safety and Licensing Board.
	22	(Not present.)
	23	
•	24	
-	25	

9080 00 02

3 WRBeb

1	APPEARANCES:
2	On behalf of the Applicant:
3	TIM ELLIS, Esq.,
4	Hunton and Williams.
5	700 East Main Street.
6	Richmond, Virginia 23219
7	On behalf of the Nuclear Regulatory Commission Staff:
8	ROBERT G. PERLIS, Esq.,
9	Office of Executive Legal Director
10	On behalf of Intervenor Suffolk County:
11	ALAN ROY DYNNER, Esq.,
12	Kirkpatrick, Lockhart, Hill, Christopher
13	and Phillips,
14	1900 M Street, N.W.,
15	Washington, D. C. 20036
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

9080 00 03

080 00 03	5		
WRBeb	1		CONTENTS
	2	WITNESSES	
-	3	(None)	
•	4	EXHIBITS	
	5	(None)	
	6	INSERTS	
	7	(None)	
	8	Morning recess:	26957
	9		
	10		
	11		
	12		
	13		
•	14		
	15		
	16		
	17		
	18		
	19		
	20		
	21		
	22		
	23		
•	24		
	25		

WRBeb

26909

PROCEEDINGS JUDGE BRENNER: Good morning. 2 Before we get to LILCO's motion to reopen and 3 supplement the record and the answers thereto, is there 4 anything further that we can productively hear from LILCO or 5 the Staff with regard to the County's I guess motion with 6 respect to the slocks and the fallback position of being a 7 settlement offer or an offer of some accommodation? 8 MR. ELLIS: Judge Brenner, we are considering 9 whether we can reach some sort of accommodation, and I 10 simply have not had time to consult with the appropriate 11 persons in the company. And I have told Mr. Dynnar that I 11 will 1. so as quickly as possible and get back to him on an 13 offer of accommodation on that issue. But I think that 14 the time has just not been adequate to have the 15 consultations that I think are necessary in order for me to 10 be able to do such a thing. 17 So we would suggest that the motion has been 18 made, and give us an opportunity to see if we can 19 accommodate -- reach an accommodation before we ask the 20 Board to rule on the motion. And I would expect that I will 21 be able to have discussions with Mr. Dynner next week. 22

And if we are unable to reach an accommodation we could certainly file with the Board our response to Mr. Dynner if that is necessary, and of course I hope it

WRBeh

isn't, our response to the motion as quickly as possible.
 and perhaps immediately following the Thanksgiving holiday.
 if that would be agreeable to the Board.

We will need the first part of next week to consult and reach accommodations. If the Board wants something filed provisionally sooner, we will of course do that.

B JUDGE BRENNER: I recognize the time frame is 9 tight. It would be helpful if we could usefully resolve the 10 matter one way or the other at the conference of parties on 11 Tuesday.

MR. ELLIS: I had not planned to be in Bethesda on Tuesday, but I will make every effort to finish the thing. One of my problems is I needed to consult more with Dr. Rau and Dr. Wachob, and not too long after you excused them, they flew home, or at least one of them flew home and the other flew elsewhere.

But I will make every effort to see. I will 1.8 certainly be in touch with Mr. Dynner on Monday after 19 touching bases over the weekend with them as much as I can. 20 JUDGE BRENNER: Let's leave it this way. We 21 would like to be able to productively discuss it on Tuesday 22 if feasible. If it is not feasible, somebody -- it doesn't 23 have to be yourself -- can tell us that on Tuesday, and 24 perhaps give us a very brief status report. And if there 25

080 01 03	3	26911
WRBeb	1	is not much status to give As I say, it can be somebody
	2	other than you if you prefer to do it that way because of
	3	schedules at that time we will set a deadline for a
•	4	response or accommodation.
	5	MR. ELLIS: Yes, sir.
	6	JUDGE BRENNER: And the deadline will probably be
	7	set for some time the following week.
	8	MR. ELLIS: Yes, sir.
	9	JUDGE BRENNER: And we will take the Thanksgiving
	10	holiday into account in setting the time.
	11	Mr. Perlis, I guess we will leave it on the same
	12	schedule for the Staff.
	13	MR. PERLIS: That's fine. We were able to catch
•	14	Dr. Bush at the airport last night and we have had some
-	15	discussions with people in Richland. We have not been able
	1.6	to talk to anyone with the NRC in Washington, and we would
	17	like to do that before reaching a position.
	18	JUDGE BRENNER: All right. Let's have the
	19	parties talk with each other also, all three parties,
	20	between now and Tuesday.
	21	Mr. Dynner, did you want to say anything else on
	22	that subject?
	23	MR. DYNNER: No, sir. That's fine with us.
•	24	JUDGE BRENNER: All right.
•	25	We have before us LILCO's November 6, 1984,

1 WRBeb

motion to supplement and reopen the record. We have the
 County's response, a joint response with the State, dated
 November 13, 1984, and the Staff's reply, dated November 14,
 1984.

We have considered the motions of LILCO and we are going to grant them, and we'll tell you why. We do need discussion here of the schedule and the scope, however.

In terms of why we are granting the motion, we 8 find that the motion does in fact meet the traditional 9 reopening criteria. We have been able to decide as a Board 10 at this point in the proceeding, and unlike the position we 11 were in as recently as - oh, in the time frame of two to 12 four weeks ago, we know more now than we did then and we can 13 and we do find that the new evidence might materially affect 14 the outcome of the proceeding. 15

I believe we stated in prior rulings on the reopening in this case, but if we have not we will state it now. that the standard does change somewhat as the Board gets closer to a decision time, and it is just a function of the Board's knowledge at that point in time of the posture of the case.

As an trample of this continuum, if you will, when a Board is on the verge of issuing a decision or in fact has just issued a decision, the standard applied is whether or not the new evidence would affect the outcome

1 WRBeb

because at that point we know everything we need to know about the decision we would reach at that moment, and we can easily match the new information which a party believes, in its view, would affect the outcome with our view, given the decision at that time.

When the motion to reopen is filed at a point 6 somewhat before that, as it is here, -- we have certainly 7 not begun, in a systematic fashion, to bring the evidence 8 together in written draft form and Board deliberation and so 9 on at this point -- the standard is whether or not it might 10 materially affect the outcome. But I guess I would rephrase 11 that slightly, that it reasonably might materially affect 12 the outcome. 13

We know enough to know that it is going to be 14 close enough on certain points that the evidence fits that 15 standard, and we have been able to, although 16 non-systematically, cull all the evidence and bring it 17 together. Certainly we have been aware of the evidence as 18 it has come in and we have been able to consider some of 19 that evidence in a less rigorous but somewhat systematic 20 fashion. And we find that the motion meets that standard. 21

There is no question that the new information relates to a significant safety question, the ability of the emergency diesel generators to perform reliably their intended function. The timeliness of the motion, of course,

1 WRBeb

15

has been the subject of discussion of the Board here in
 different but related contexts, and also was the subject of
 some space in LILCO's motion and the County's answer.

The timeliness can be analyzed in this fashion: 4 We believe that LILCO is late in coming to the 5 realization that this information is material to the case. 6 LILCO has pointed to the fact that some of the information 7 has only recently been developed. That may be true and even 8 assuming, arguendo, that it is true, it is also correct that 9 the relative timing of the hearing vis-a-vis the further 10 work done by LILCO was largely in LILCO's control because we 11 told LILCO very early on that we would adjust the schedule 12 of this case to a later schedule to accommodate that 13 information. 14

A fcotnote to what I just said:

It is true that there is some further information 16 that could not reasonably have been anticipated by LILCO 17 that, although perhaps not by itself a reason for LILCO to 18 wait this long to realize that further information on the 19 loads and that it might want to undertake the endurance type 20 testing came late, nevertheless there is some other, further 21 information. And I have in mind particularly the 22 information as to the situation with respect to the cam 23 gallery cracks, and the fact that they had been welded. 24 This was not known at the time the schedule for 25

I WRBeb

1 this hearing was set. It was not known as late as the time 2 that testimony was filed by the County and LILCO

3 originally.

We did accommodate that information already in supplemental testimony, but it is in part that information, when viewed cumulatively with other information, that we come to the conclusion that the further new evidence on the testing of the blocks, particularly the strain gaging in the cam gallery area and the examination of the blocks after the endurance run, might reasonably materially affect the

11 outcome of this proceeding.

Even if LILCO is properly charged with waiting 12 too long to realize that this information should be in the 13 proceeding, the result in the real world is not one of great 14 prejudice to the other parties, in our view. We might well 15 have delayed the beginning of the entire proceeding on the 16 diesel engines until after this further information had been 17 developed and completed by LILCO if it had made the 18 adjustment in the time frame before the beginning of the 19 hearing that we think it could have made. But we might also 20 reasonably have gone forward on some parts of the issues. 21 and then taken up the other issues, depending on how matters 22 developed. 23

24 In any event we are now at this point in time. 25 and the prejudice is to LILCO in terms of any ultimate

1

1 WRBeb

delay that proceeding this way will cause.

Frankly, I lon't know if the end decision date is 2 affected much by proceeding in this fashion as opposed to 3 waiting and having everything before us and proceeding 4 forward. I suspect that it has and will result in some 5 material delay. I can't put a number on it. I suspect that 6 it is more than a few weeks, but not as much as many months. 7 In any event, that projudice is of LILCO's own making and 8 LILCO is the one in fact prejudiced by it. 9

10 The worst prejudice that may be had with respect 11 to the other parties and in fact the Board's schedule is the 12 fact that we might have more efficiently conducted the 13 hearing once we were in the hearing stage. However, that 14 prejudice is not so substantial that we are going to turn 15 our backs on information which we think might reasonably 16 affect the result on a significant safety issue.

And we expect to be able to keep that prejudice 17 to a minimum by doing our best to avoid the need to revisit 18 evidence we have already heard. And we also expect to keep 19 prejudice to a minimum in terms of sitting to the other 20 parties, given the fact that we felt LILCO could have 21 handled things differently. When we set the schedule, we 22 are going to hear from the parties and be sensitive, within 23 24 reason.

25

And we also disagree with LILCO's view of the

1 WRBeb

scope of the reo ened hearing, and we have had a little bit
 of discussion on that. LILCO itself has modified its
 written-scope approach somewhat in Mr. Ellis' oral statement
 yesterday. And we are going to modify it some more.

I think that is probably as far as I have to go. 5 Perhaps I should note for the benefit of Counsel. 6 who put in some very helpful work researching cercain cases 7 which have been cited to us, that nothing in my remarks 8 connotates agreement with some cases that have been cited 9 for the proposition that there is a lower standard for 10 reopening when it is applied to an applicant. I just didn't 11 have to reach that point of agreeing. 12

I think the better view is that the standard is the same and when you apply the standard, the application might vary once you analyze which party is prejudiced by certain actions, and the nature of that prejudice.

Another way of amplifying that is, for example, 17 if an intervenor moves to reopen at a point early enough in 18 the record where it is not clear that it would definitely 19 materially affect the outcome, a stage similar to the one we 20 are in now, but there is some reasonable probability that it 21 would affect the outcome, and an applicant strenuously 22 opposed reopening at that point, the solution then is to 23 deny the motion without prejudice to consideration of it at 24 the time of decision, at which time the Board is in a better 25

1 WRBeb

position to know whether indeed it would affect the outcome.
And if the result is that it would affect the outcome, the
party prejudiced at that point is the utility who earlier
resisted the reopening.

Applying that to this situation, it is 5 conceivable that we could delay ruling on the motion until 6 we get to the point of decision on the information that is 7 before us. But if we do that it would be the utility that 8 would be prejudiced if we find that indeed the information 9 would materially affect the outcome, if believed, Of course 10 there is always that next step on the merits. And that 11 would be unfair since in this case it is the utility moving 12 to reopen the record. 13

14 So there are differences in the posture of the 15 parties which result in differences in the application of 16 the tests, but I don't think difference is in the standards 17 that are applied.

As I said, I didn't have to get to that point but I wanted it noted since the parties had expressed their views quite well in the pleadings on that subject as well as others. And I wanted them to know that their views have been helpful to us, even though I haven't gone through the effort of mentioning every point in the pleadings. But we have considered them.

25 Mr. Dynner, did you want to say something?

WRBeb

MR. DYNNER: Yes, sir. I would just like to 2 request a clarification.

3 LILCO, on page '5 of its motion, states, and I 4 quote:

"Under traditional analyses to meet 5 the reopening standard, the applicant must 6 essentially concede that its proof to date is 7 insufficient in order to argue that the new 8 information is likely to affect the result. On 9 the other hand, the applicant may defer any 10 attempt to inject the new information until 11 after the Board rules on the merits." 12

I just wanted a clarification as to whether the 13 Board's granting this motion in the context of not applying 14 a special rule or a special test for an applicant as opposed 15 to an intervenor means that the Board is essentially going 16 to have this litigation limited to the proposed FJAR 17 limitation or qualified load of 3300 Kw, or whether, in 18 contrast, the Board intends to adopt a position that would 19 not require LILCO to abandon its abandoned qualified loads. 20 if I can but it that way. 21

I think the Board knows what I mean from the material that was stated in our response to '1.00.

JUDGE BRENNER: Yes, I was going to address that in the context of scope and schedule.

WRBeb

We disagree with the County. We are not going to 1 preclude the possibility that we will make findings at the 2 higher load level. And I guess we disagree with LILCO that 3 we had to reach a determination that the proof is in fact 4 insufficient in order to reopen. And I guess I tried to 5 state that in terms of my view that the standard does change 6 on a continuum. It doesn't change with the party, it 7 changes with the posture of the case. 8

I think what LILCO says would be true if we had 9 received its motion at the point in time when we were 10 essentially ready to issue a decision or had issued a 11 decision and then we could apply the standard that it would 12 change the result. We are not at that point yet. We are at 13 the point where we think it reasonable that it would 14 materially affect the outcome. I guess that's another way 15 of saying it is a very close question. 16

But we are not going to preclude parties from seeking findings at the higher load level, and we are not going to preclude ourselves as a Board from making findings at that higher load level.

Having said that, I will get now to the point I was going to get to in any event. Once we put all the issues together in our decision we may decide not to make findings at the higher load level for any one of several reasons.

1 WRBeb

MR. DYNNER: Just as a perhaps related and further clarification, is it the Board's view, for example on crankshafts, that the evidence as to our calculations as to the crankshaft behavior at 3300 Kw would be potentially materially affecting the outcome at 3500, or is it the intention to limit the calculations and information at 3300 to the qualified load of 3300?

3 JUDGE BRENNER: You know you asked me a question 9 I had not previously considered, and that's my honest 10 answer. 1 don't know. So I guess you can take that answer 11 as saying no, we do not intend to place that type of 12 limitation on the evidence. But we had not been thinking 13 that its primary materiality would be that: let me put it 14 that way.

Related to your question, it is our view that we 15 are not going to set the schedule of the further hearings 16 along the lines of the dichotomy proposed by the County. We 17 are not going to have a hearing solely on the loads and wait 18 for a decision on that before we determine whether to go 19 forward with the other issues. We are going to schedule 20 things so it could go back into hearing on all the issues. 21 Now for all we know there will be no issues on 22 the lower load. And although it wasn't necessary to belabor 23 the point, the one aspect related to the timeliness -- it 24 wasn't material to the views on timeliness which I already 25

WRBeb

gave, but a related aspect is that it is obvious that all 1 the parties have proceeded with some uncertainty as to how 2 to proceed, substantively and procedurally, with the fact 3 that there has been a primary focus on the substantive 4 diesel issues while, at the same time, there has been 5 consideration of whether or not the plant can be safely 6 operated and meet all the emergency criteria with lower 7 emergency loads set to the diesels. 8

And the reason I say that not just ILCO has proceeded with uncertainty is the fact that the County, to our knowledge at least, has not pursued any claims that the lower loads would be unsafe for reasons that the safety equipment which would be run by the higher loads are needed for the transient or accident analyses.

Even if we said it was not material to this 15 diesel proceeding, we could have found hypothetically that 16 based on the issues before us, which are now the crankshaft 17 and the cylinder blocks, that the diesels are adequate at 18 the higher load. Yet neither LILCO, for its own reasons 19 or because with respect to components not in issue before 20 us -- The Staff feit that the diesels should be kept to the 21 lower loads -- then that would have been the case unless the 22 County pursued remedies through appropriate procedures. 23 probably a 2.206 type procedure. 24

25

And while we have pointed out to LILCO that it

2 WRBeb 1

1 has had these loads under consideration for some time, the 2 County back in July said it was going to closely follow this 3 also, and yet apparently has not.

4 MR. DYNNER: May I respond to that, Judge? 5 JUDGE BRENNER: Yes. As I said, it wasn't 6 material but I just wanted to point out some of the 7 uncertainties.

8 MR. DYNNER: I would like just briefly to 9 respond.

10 This proceeding and litigation has gone forward 11 with the load levels that are stated in the EJAR. The 12 County noted early on, as you have just said, when we 13 received the July 3 letter from LILCO to the Staff, that 14 there was a move at that point to perhaps reduce the 15 qualified load. It wasn't of course until October 22 that 16 LILCO filed its proposed FSAR revision.

17 The County feels strongly that there has been 18 distinct prejudice to the County in terms of time, money and 19 effort in litigation of the effectiveness or reliability of 20 diesels at a qualified load which now appears to be in the 21 process at least of being changed. And we have, especially 22 after your latest remarks to us a couple of weeks ago, made 23 all attempts to begin an analysis of 3300.

24 We have also felt rather strongly that it was 25 important that we receive all information from LILCO and

26923

WRBagb

1

3

But as ' also indicated in our decision, we may decide for several reasons to make no findings at the higher 2 load.

In terms of your point that you don't know if 4 it's 3300 or 3400, let me point out that surely we are at 5 the stage in this proceeding where, when we come back in 6 litigation, if there is -- the witnesses in testimony will 7 be able to point out what effects the different loads would 8 have between 3300 and 3500. We have a lot on the record 9 about 3500 and once we look at 3300, presumably there will 10 be some sort of basis for comparison. But if 3400 is going 11 to make a difference we would expect to see -- we are not 12 precluding testimony on that. 13

MR. DYNNER: I apparently haven't made myself too 14 clear. What I am saying is that supposing it is found. 15 after an analysis of all of the pumps and other electrical 16 devices which have to be run off of the diesel during a loop 17 LOCA that in fact you need 3400 kilowatts of power rather 18 than 3300. That's the -- in my hypothetical, the minimum 19 required power output during a loop LOCA would be 3400. And 20 at that point it would seem to us at least that the value of 21 the additional testing and inspections that had been done at 22 3300 would be much more limited, at least -- and I say that 23 as the mildest statement I can make -- than if the qualified 24 load, that is to say, the highest power output -- or the 25

1 WRBagb

25

lowest power output required would be 3300. So I'm not 1 arguing the point about safety margins. I think that is a 2 point which must be considered regardless of the qualified 3 load level which is the maximum output. I think that that 4 issue is inherent in everything regardless of what the 5 qualified load which is the maximum amount of power output 6 that's required might be. And that certainly would be. I 7 believe, taken into consideration in any load level that 8 would be the qualified load. 9

26925

What I'm talking about is strictly the qualified load. And if it's found that the power output requirements for a diesel were in fact 3400 then it would seem to us that a litigation at 3300 would not be helpful. and that was the point I was trying to make, sir.

JUDGE BRENNER: I don't know whether it would be helpful or not. It sounds to me that the loads are getting close enough where we would indeed have helpful information once we put it together.

Do you want to respond to that one though. Mr. Ellis? MR. ELLIS: Judge Brenner. I think it would be helpful even if it were 34. As I think the Board has indicated we would then have a substantial amount of information at 35 and a substantial amount of information at 33.

And let me point out that in terms of

1 WRBagb

25

I calculations -- and really what we're talking about, I think, here chiefly is the crankshaft and I know the Board is going to come to that on what it thinks ought to be the scope --

26926

JUDGE BRENNER: Well we agree -- I'll tell you now, we agree, as far as the changes in load, we agree with the description in the County's pleading. There is one other part in the Couty's description that we disagree with related to the Staff's letter on crankshafts, but putting that aside we agree with the County's description.

MR. ELLIS: Well focusing on that for a moment. 11 however, the County previously calculated on an ABs -- there 12 was no ABS calculation on the torsional stresses for the 13 crankshaft, there was a web size calculation in the 14 previous litigation which of course doesn't change with the 15 load. There was a calculation for horsepower under Lloyd's. 16 but there were no safety factor calculations and no DEMA 17 calculations, those calculations were done by the Staff and 18 relied upon by the County. 19

20 So I do think the information would be relevant 21 for that whole range of loads. I think the block top and cam 22 gallery inspections and the results of those inspections I 23 think would be helpful information both at 33 and at loads 24 in that general vicinity.

If it would help the Board I can give the Board

1 WRBagb

1 a status now -- I assume from the Board's remark earlier 2 that I don't need to respond to such things as definitions 3 of qualified load on which we may differ, that sort of 4 thing.

JUDGE BRENNER: That's right. Let me just point 5 out that when as lawyers -- and if Judge Morris will forgive 6 me for personalizing it, from my point of view we discuss 7 these things it may turn out to be so much wasted time 8 because an engineer sitting here may realize what an unreal 9 world it is we're discussing. For example, the tolerance on 10 the 3300 test, as I understand it, is plus or minus 100 11 anyway. And presumably that will be -- pertinence or lack 12 of pertinence of that range will be addressed in testimony 13 also. So you are going to be covered in that range of 33 to 14 35. I assume. in the testimony. 15

16 MR. ELLIS: Yes, sir.

17 JUDGE BRENNER: Or an explanation as to why it is 18 not necessary to do so, but in any event....

All right. Let me jump to the scope, if I might, and then we'll back up. I do need some information on when things are scheduled for from the Staff and LILCO.

But in terms of the scope, we would permit further re-opening and supplementation of the record. I'll use both terms to describe the whole of it on evidence concerning -- and I'm going to be paraphrasing the County's

WRBagb

I description on page 15 of its answer: "...evidence concerning the results of the additional testing and inspections of the endurance run just completed of EDG 103 as to the crankshaft and the block."

6 And also, with respect to crankshafts: 7 "...evidence concerning any DEMA stress 8 calculations at the new qualified load."

9 And as I say, that includes whatever 10 uncertainties people think should be included in the 11 testimony, we'll leave that to the parties, and any other 12 calculations at such load consistent with the County's 13 crankshaft contention.

We are not including in the further proceeding at this time material responsive to the Staff's October 10th. 16 1984 letter to the TDI Owners' Group concerning the 17 crankshafts.

We have already directed the Staff to address 18 that letter in its findings on crankshafts which we will be 19 receiving soon, and presumably in conjunction with those 20 findings or something else that the Board and parties 21 receive, we will be getting the reply to that information 22 request. And then we can hear from the Staff either in some 23 written review or an oral status update as to the 24 significance of that information, and any other party will 25

9080 03 07		26929
1 WRBagb	1	have the option to argue that something about that
	2	information raises a significant new issue.
	3	MR. ELLIS: Judge Brenner
•	4	JUDGE BRENNER: Give me just one moment, please.
	5	(Pause.)
	6	All right. The additional testing and
	7	inspections includes the strain gage tests on the cam
	8	gallery area as well as the inspections after the test run
	9	of the block and crankshaft. I don't have the letter in
	10	front of me outlining the scope of the tests. but I believe
	11	the parties know what they are.
	12	Mr. Ellis.
	13	MR. ELLIS: I guess it is my turn to seek a
•	14	clarification.
	15	Judge Brenner, you indicated that included would
	1.6	be any other calculations at 3300 Kw consistent with the
	17	County's crankshaft contention. I assume that what that
	18	menas is that anything that has been ruled admissible
	19	before, even if they didn't do a calculation, they can now
	20	do a calculation. I understand that.
	21	My question is: Let's hypothesize an XYZ society
	22	that has yet another one that we haven't heard of but which
	23	may lurk out there.
•	24	JUDGE BRENNER: That would not be consistent with
	25	the County's crankshaft contention and I'm sure was not

1 WRBagb

1 intended by that phrase in the County's pleading. At least 2 we don't intend that.

Mr. Dynner, is my interpretation correct?
MR. DYNNER: Yes, sir. The contention, as you
recall, specifically states the classification societies'
rules that we were referring to. We are not trying to use
this as a device to start a whole new litigation on
different standards.

JUDGE BRENNER: I phrased it that way because it was easier for me than listing all the societies listed in the contention, but that's what I intended. It's the same substance.

MR. ELLIS: Yes. sir. I understand. I just wanted to be sure we weren't going to revisit the admissibility rulings.

JUDGE BRENNER: That's one reason I put this whole thing over until this morning, so that we would have the relaxed time frame necessary for clarifications which sometimes are necessary, and because I needed information pertinent to the schedule.

21 All right. Do you want to update us on certain 22 items in terms of LILCO reports?

23 MR. ELLIS: Yes, Judge Brenner.

24 It is my understanding that the inspections on 25 the crankshaft and the block, as of this date, either have

1 WRBagb 1

been completed or are virtually completed, and that the
 documentation is in the process of review and should be - The review should be completed by the beginning of next week
 or some time during the first three days of next week.

It is not finally decided yet but I would hope 5 that there would be a report dealing with the crankshaft and 6 the blocks that reports the results of those inspections by 7 the first of December. The documentation that relates to it 8 of course will be available prior to that, and if there 9 isn't to be a report. of course we will proceed and furnish 10 to the parties that documentation. Otherwise we will 11 furnish both that document and the report around the first 12 of December when they are done. 13

But the inspections have been completed or virtually completed as I understand it. In fact, let me check.

JUDGE BRENNER: Let me ask you another question.
18 Let me ask you something else that you might want to
19 consider.

Don't you think there definitely should be reports of these inspections? Here we are at the point of reopening, at the request of LILCO, and to proceed otherwise would proceed at the peril that-- I understand the written data will be available, but then there is going to be differences in interpretation of the data. We are going to

26932 9080 03 10 have people on the stand and then three weeks into their WRBagb 1 testimony find out that the two different experts would have 2 agreed if only they had understood what the data in some 3 inspection report, written in some ambiguous form as 4 inspection raw data sometimes is, meant. 5 I guess I am on the verge of requiring such 6 reports if you are not prepared to --7 MR. ELLIS: We'll do it. Judge. We'll do it. 8 JUDGE BRENNER: It seems to be sensible from 9 everyone's point of view, including LILCO's. 10 MR. ELLIS: Yes. The only thing that was of 11 some concern to us is that we did not want to hold up the 12 consideration of this matter while the other components that 13 are also being examined and all of that is put together and 14 run through an entire review process. 15 So we will break the blocks and the crankshaft 16 out and do it that way. Judge. But we will have a report. 17 as you suggest, of the block and the crankshaft. 18 JUDGE BRENNER: Do you want to commit to a date 19 on it? 20 MR. ELLIS: My best information is that that will 21 be completed on or before December 1st. 22 23 24 25

1 WRBbrb

1

2

JUDGE BRENNER: All right. You may have wanted to give me certain other dates: I'm not sure.

MR. ELLIS: Judge Brenner, on the schedule, we 3 certainly agree that perhaps giving the Staff the Christmas 4 vacation may include a lot of days. but not a lot of days 5 that they are going to be able to devote the time they 6 need. And, therefore, LILCO would have no objection to 7 extending the schedule in a way that gives the staff a week 8 or ten days longer, and that would not include seven to ten 9 days that are in the midst of Christmas: and, certainly, we 10 would not want the County to have the burden of working on a 11 Christmas Eve deadline, or anything of that sort, either. 12 So we certainly have no objection whatever to adjustments of 13 the schedule to accomodate people's reasonable holiday 14 15 expectations.

16 JUDGE BRENNER: We'll certainly reach those 17 accomodations in details when we get to it.

18 Is LILCO still providing information with respect 19 to the qualified load to the Staff in response to the 20 Staff's further juestions?

21 MC. ELLIS: There is a set of questions 22 outstanding, as Mr. Dynner indicated. The Staff has the 23 information: LILCO is in the process of reducing that 24 information to writing. It isn't that the Staff doesn't 25 have the information. The Staff wants it, also, in writing.

1 WRBbrb

25

1 and the County would, of course, get a chance to have that. 2 And it simply takes time to put the information in writing 3 and run through the review cycle, and that sort of thing. 4 My understanding in checking on that yesterday is that that 5 is, again, virtually completed, and I would expect that the 6 first part of next weak that letter will be sent to the 7 Staff and the County.

26934

B JUDGE BRENNER: Is there some dispute -- and I s ask this because of a footnote in the Staff's filing --10 about access to inspections, inspection material or

II inspection information?

MR. ELLIS: No. sir. I don't think so. Ne made 12 available to the County an opportunity to go to the site and 13 inspect the site while the engine was torn down. The engine 14 is in the process of being put back -- portions of it put 15 back together now. But the County accepted that offer, and 16 they spent, as I understand it. five to six hours at the 17 site and examined the pistons and the block top and the cam 18 gallery and the crankshaft. And my understanding is they 19 took dozens of pictures. I also made arrangements for 20 personnel to be there who responded to questions that were 21 asked by the County consultant when they were out there. So 22 I don't think that there is any question that they have had 23 adequate access to the engine. 24

JUDGE BRENNER: I take it there is no dispute.

26935

WRBbrb 1 Mr. Dynner?

2 MR. DYNNER: No. I don't know what footnote you 3 were referring to. We, in fact --

JUDGE BRENNER: It's odd that it was a footnote by a party not affected by the apparent dispute: but I wanted to ask while we're all together. It's footnote 5. page 5 of the Staff's pleading. But you have adequately answered the question I asked.

9 Mr. Perlis, the Staff's Answer had the emphasis 10 on reports from LILCO and noted that LILCO's schedule did 11 not include certain reports on the schedule: and then the 12 staff, for its sake, included nothing about its reports in a 13 pleading or its schedule. So those are the questions I 14 have. Do you want to fill me in on the staff's schedule for 15 reports?

MR. PERLIS: 1'11 try.

First of all, for the 3300-kilowatt load, it's my understanding that the Staff will be issuing an SER on that subject sometime around the December 14th time frame; but I can't give it any more definite than that.

21 JUDGE BRENNER: That is surprisingly late.
22 Mr. Petris. Why is it so long?

23 MR. PERLIS: That SER will also be addressing the 24 results of all the inspections that are taking place. so 25 it'll be one SER dealing with the 3300 and the inspections

that took place over the past few weeks. WRBorb i JUDGE BRENNER: Can it not be broken down 2 separately? I'm not going to hang up a substantive 3 proceeding for format. We've discussed that many times in 4 this proceeding. There's no reason to keep the two subjects 5 together. 6 MR. PERLIS: If I could have a moment. here? 7 (Pause.) 3 MR. DYNNER: While they 're discussing that point. 9 I would state for the Board --10 JUDGE BRENNER: Wait. Mr. Perlis may want to 11 hear what you're going to say. 12 (Pause.) 13 MR. PERLIS: Judge, I can't answer the question 14 as to whether or not it could be split out. We can look 15 Into that and try to get the 3300 portion out earlier, in a 16 separate document. 17 JUDGE BRENNER: We need to set a schedule here. 18 MR. PERLIS: We'll try and make a call to 19 Washington now, and find out when the power systems review 20 will be completed. 21 JUDGE BRENNER: All right. We'll take a break 22 shortly. 23 MR. PERLID: I have someone here who can make the 24 25 call.

1 WRBbrb

1

JUDGE BRENNER: All ranhte

26937

MR. PERLIS: I understand the problem. 6 JUDGE BRENNER: And we're going to set that after 7 the Staff's report because, depending on the Staff's report. 8 that might affect the contention; it might affect whether 9 there is an issue. I'm not worried about when the SER is 10 going to be printed and bound and everything else that may 11 take a week or two: I'm talking about the substantive review 12 on the loads. 13

MR. PERLIS: I understand, and we'll be calling
to find out when the Power Systems Branch review can be
completed, and we'll have the information this morning.
JUDGE BRENNER: All right. December 1st or
thereabouts would be a good date.

In other words, I'm prepared to accept the Staff's proposed discovery cut-off date of December 14, but not if that date comes before the issuance of the Staff's load review.

23 MR. PERLIS: I understand.

24 JUDGE BRENNER: Do you know -- although not as 25 important, do you know when -- I guess you dan't know which

26938 9080 04 06 review was the pacing item when you gave me that December 1 Ł WRBbrb 14th. I'd like to know, also, when the Staff's review of 2 the inspections would be complete, everything related to the 3 endurance test and inspections. 4 I think the Staff could have anticipated that 5 these questions were going to come up. 6 MR. PERLIS: I understand that. 7 The Staff's review of the inspection results will 8 depend, in part, on getting the reports from LILCO and my 9 guess is, inasmuch as that would take one to two weeks. that 10 that probably is the item that is responsible for the 11 December 14th SER: but we can ascertain that. 12 JUDGE BRENNER: All right. When you ascertain 13 that, we'll get back to it. 14 Mr. Dynner? 15 MR. DYNNER: I was just going to point out that. 16 on both the LILCO motion and the Staff motion. they say that 17 documents reflecting the basis for the 3300-kw qualified 14 load were to be made available to us by November 12; and I 19 just wanted to point out we are still awaiting those 20 documents from LILCO. I don't know what they are. 21 MR. ELLIS: They have a good many of the 22 documents already that they have obtained from the Staff. 23 There will be more documents, but they already have a 24 substantial number, certainly, to begin evaluation. 25

WRBbrb 1

JUDGE BRENNER: I assume they will have everything by the time that LILCO files its written answers to the Staff's questions, which you said would take place next week.

5 MR. ELLIS: That's correct, Judge Brenner, 6 everything that exists, on which LILCO relies, or the 3300 7 at that time. There may be, of course, something generated 8 later.

9 UDGE BRENNER: I understand that.

Well, I wasn't worried about all the details in LILCO's description of its schedule. But, for example, it states that the cam gallery strain gage data was completed and distributed to the Board and the parties on October 29: and if you mean something other than the testimony --

15 MR. ELLIS: I do, your donor.

JUDGE BRENNER: -- the Board, of course, only received the testimony. I'm not worried about it now. I don't need to conduct my own discovery. We'll get the information that's pertinent when the testimony is put together again.

21 MR. ELLIS: Yes. sir. The testimony and the 22 materials that were distributed at the time, as I understand 23 it. also included the data and exhibits.

JUDGE BRENNER: I guess I just don't recall. But it doesn't matter. We're going to get new filings of

2 WRBbrb

everything the parties intend to put forward in testimony
 for the reopened and supplemented hearing.

We're probably going to have to take a break to get that information, but here is what we envision; and then I'll ask your advice on anything that you think is wrong with our vision, or something we have left out, all of which is entirely possible.

We had in mind using the Staff's discovery cutoff 8 date. I must confess I haven't checked the days of the week 9 for all these. That's a Friday. But establishing a 10 discovery cutoff of that date assumes that the report by the 11 Staff, the substance of the report -- it doesn't matter, as 12 I say, if it doesn't have a printed cover and so on, but the 13 full and exact substance, the substantively exact Staff 14 report, would be out sufficiently in advance of that so that 15 we can be including all issues in that discovery cutoff 16 17 date.

MR. PERLIS: Just for clarification: we're talking about two separate reports here, and one of them -at least our inspection report -- would depend, in part, on LILCO's inspection reports.

JUDGE BRENNER: Right. We are not keying the discovery cutoff to the Staff's review of the diesel inspections.

25 MR. PERLIS: Okay.

9030 04 09

JUDGE BRENNER: We feel there's enough 2 WRBbrb 1 information available and that will be available from 2 LILCO on that to set a discovery cutoff. We always have a 3 safety valve of if there's any new information in the staff 4 review of those reports on that subject. 5 MR. PERLIS: I understand. So the earlier report 6 you're talking about is the 3300 load report? 7 JUDGE BRENNER: Right, because then our 8 differentiation is that that issue has not been plowed as 9 thoroughly as the other related issues. It's that simple. 10 And we want to give the County the benefit of the Staff 11 report because -- and the next thing I'm getting to is -- I 12 want to set a date for the filing of a County issue on that 13 14 report. Mr. Dynner, I would like to be able to do that a 15 week after the Staff report is received by the County. with 16 the knowledge that the County by that time will have had the 17 opportunity to earlier have had LILCO's report, and so on. 18 Do you think that's fair? 19 MR. DYNNER: I have to tell you this when you 20 say. "Do you think it is fair?" 21 Number one. I don't know what's going to be in 22 the report. When you set seven-day time limits like this, 23 we have got consultants working on this, and they're in 24 California. And we can Federal Express stuff back and 25

WRBbrb

1 forth: but we're going to have just the general logistical 2 issues of travelling. If we need to take a deposition. 3 we're going to want our consultant or consultants to be at 4 the deposition.

5 So my problem with what I see is developing here 6 -- as the schedule is, it seems to me to be quite tight, 7 especially given the prior experience concerning both the 8 finality of the reports, which you have already addressed 9 previously, and also the discovery -- a fair discovery 10 period that has been experienced, I should say, by all 11 parties in the litigation to date.

So I would like to see -- and I'll throw this out 12 just as a general statement: I would see a somewhat more 13 relaxed schedule to give us the time to implement the 14 logistics that are going to be required. I'm not looking 15 for a delay. I think the delay has been -- the shoe's been 16 on the other foot, here. But I am looking for what I think 17 would be a more -- from my point of view -- reasonable time 18 frame for this. 19

And I think that can be my only comment at this point, because I don't know what material we're talking about. It may be that there's very little discovery required. It may be that there's more discovery required. I can't answer it until I've seen what the reports look like.

1 WRBbrb

JUDGE BRENNER: All right. I understand. I wasn't -- I'm interested in setting a date for the County to file a contention with the required bases and specificity. I was not going to set that such that the discovery period had to be completed before that. I did want you to have the Staff's report, though.

And, again, you've got LILCO's FSAR. You're 7 going to have -- you've got some information from LILCO; in 8 any event, you're going to have all the information from 9 LILCO next week, which will be -- which ends November 30th. 10 LILCO believes it will have the material to you earlier, but 11 even if it isn't until November 30th. at least by that date 12 you'll have all the information, plus their answers to the 13 Staff's questions. And for purposes of filing an issue with 14 the bases and specificity. you don't need the Staff's 15 16 report.

MR. DYNNER: I understand what you're saying.
18 now, and I didn't -19 JUDGE BRENNER: I'm not talking about your
20 testimony. Did you misundarstand?

21 MR. DYNNER: No. I didn't think you meant 22 testimony.

JUDGE BRENNER: And the discovery cutoff is going
 to be two weeks after the Staff report, not one week.
 MR. DYNNER: Well, under that schedule, as I

1 WRBbrb

I understand it, if I take days -- assume some days here. If I assume for a minute that December 1st is the date that we get the Staff report on the 3300, then we would have to file a contention on December 7, and discovery would end on December 14, as I understand what you're saying. And I just think that that doesn't seem to me to be reasonable because I don't know what is in the Staff report.

8 Now, obviously, we're going to have a few days 9 prior to that -- namely, seven days prior to that -- in 10 order to look over everything LILCO gives us, including 11 their responses to the questions. And we've started looking 12 over -- as I said before, we started an evaluation of the 13 FSAR.

It just does seem to me that these seven-day things --which are five working days, although we always use seven working days in our place; but not everybody else does -- that that's a very tight schedule. And I don't know what to say beyond that. I don't understand why the Board feels there is the justification or need for that tight a schedule.

21 JUDGE BRENNER: Well, I thought it was not 22 tight. I'm considering your remarks now.

23 MR. DYNNER: Okay. I mean, you'll note that in 24 our response, which I thought was -- and I was attempting to 25 be pretty realistic about that. I asked for 15 days

1 WR8brb

discovery period after the receipt of all of the final
 documents.

3 JUDGE BRENNER: You're going to have that under 4 my schedule.

5 MR. DYNNER: I understand.

6 I am and I'm not. It depends on how you look at 7 where it starts from.

3 JUDGE BRENNER: I took the two-week period from 9 your schedule. That's why I thought it was being consistent 10 with your views.

MR. DYNNER: Well, maybe I am being thrown off by something.

JUDGE BRENNER: Let me point something out. 13 One reason I knew I needed more time than 14 yesterday with the parties is each's schedule conveniently 15 leaves something out. LILCO's schedule leaves out any 16 filings related to the loads. The Staff's schedule leaves 17 out its reports but criticizes LILCO for not including 18 LILCO's reports. The County's schedule proceeded on a 19 wholly different basis, which we have already discussed: but 20 nevertheless I tried to bring in the time frames in the 21 County's schedule. 22

23 MR. DYNNER: Our schedule was on a seriatum 24 basis: and I think the 15 days plus the 15 days, if you were 25 looking at it, was 30. In other words, our schedue presumed

1 WRBbrb

25

1 that we would be dealing with one issue at a time -- that is 2 to say, dealing with the issue of the 3300 load separately 3 and then, later, dealing with the issue of the tests and 4 inspections.

And I think what your schedule is doing is telescoping those two together and that would, in my view. cry out for more time. And I guess that's the observation that's pertinent.

9 JUDGE BRENNER: All right.

We're going to take a break, and the parties are 10 going to get together -- which they should have done between 11 the filings and now, at least, if not before the filings; 12 but, of course, you needed certain substantive rulings from 13 us which we've now given you -- and realize the things that 14 are absent from the schedules. Let me give you some further 15 guidelines, and then you can discuss it. I've already 16 discussed some missing things. 17

If you take the Staff's schedule, get the date as to when the load report will be ready -- which I certainly hope is December 1st; but you'll find that out during this break -- and plug in dates for the completion of discovery on all items. And, as I said, the Staff reports on the diesel inspections and tests need not be completed before the discovery cutoff.

Put in a time for the filing of issues by the

2 WRBbrb

County on the load. And if we can follow the earlier 1 procedure, maybe in fact what we would do is require that 2 the parties discuss those issues before the filing, and then 3 we could get a very short time frame for any answers; if 4 possible, maybe even answers could be included in some sort 5 of joint filing. Maybe there'll be agreement on what issues 6 are admissible. Maybe there'll be agreement there are no 7 issues. We don't know. 8

9 But, in any event, if a further response is 10 needed, it can be done on a very short time frame.

II In that same time frame, provide a date for the filing of testimony along the -- sequentially, as suggested by all the parties: LILCO, the County and then the Staff. We think that something closer to a week to ten days between testimony is more reasonable rather than the

16 two weeks suggested by the Staff. LILCO suggested a week.
17 The County suggested ten days. Either of those would be
18 acceptable. Ten days would be acceptable. Adjust it when
19 you sit down with the schedule. I'm talking about the time
20 period after LILCO would file testimony on all subjects.

21 MR. DYNNER: Are you talking about the time 22 between the filing of testimony and the commencement of the 23 hearing?

24JUDGE BRENNER: No. The time between the receipt25of LILCO's testimony and the time in which the County would

1 WRBbrb

1 file testimony: and then the same period for when the Staff 2 would file testimony after the County's testimony. Adjust 3 for the holidays as you said you would when you do that, in 4 case that falls in there.

5 Then you can start the hearing a week after the 6 receipt of the Staff's testimony, which is consistent with 7 the Staff's suggestion, and we agree that we don't need a 8 full two weeks, having had all the testimony earlier. The 9 part we disagree with is 21 days between the County's 10 testimony and the staff's testimony. The Staff is going to 11 get the same similar ten day period at that point.

Bear in mind, when you look at these testimony filing dates, that what we're going to have to have in the Staff's testimony is the full substance reflecting the completion of its reviews on all matters related to the proceeding. And I think it's doing to work out that way. based on the Staff's schedule of December 14, at the latest, for its review of the diesel tests and inspections.

MR. DYNNER: Judge Brenner, just so I can understand something further --

JUDGE BRENNER: I'm not setting dates here, you 22 understand.

23 MR. DYNNER: Yes. I understand. My question was 24 going to be more of not the dates but the subject matter. 25 Is it my understanding that you are saying that the County.

26949 9080 05 08 if we don't think the 3300 load is appropriate, that we ! WRBbrb 1 would have to file a contention and meet the requirements of 2 a contention for specificity -- and I assume timeliness 3 would be no problem? 4 5 JUDGE BRENNER: Right. MR. DYNNER: I'm also assuming, in the context of 6 the ruling, that we wouldn't have to file any contentions 7 with respect to the tests and inspections. 8 JUDGE BRENNER: Correct. 9 MR. DYNNER: Thank you. 10 JUDGE BRENNER: We know what the issue there is. 11 You've already had an admitted issue on the subject. That 12 is just further information which we've ruled is material 13 enough to reopen the proceeding. It's significant enough to 14 the outcome to reopen and permit this supplementation of the 15 proceeding. 16 The reason we want an issue on the load is so 17 that we know whether you have met the requirements to be 18 entitled to litigation, and so as to have a focussed 19 litigation. 20 MR. DYNNER: That certainly is fair enough. and 21 I'm not at all complaining about that. 22 I would make two comments about it. One is a 23 comment. and one is a question. 24 The comment is: I heartily agree with you that 25

WRBbrb

1 we would like time somewhere in this schedule to have the 2 consultants or experts of the parties get together and 3 discuss any differences of views that they may have on the 4 3300 load, assuming that that's the load that the Staff 5 approves. And, second --

JUDGE BRENNER: But not a lot of time, and I'll tell you why. I've become a firm believer that these experts can eventually show that they can conduct the same amount of work when there's a time frame, and I think they can perform all those meetings within whatever normal schedule would be set otherwise.

MR. DYNNER: Well. I say that because the obvious 12 point that -- if experts are tied up in the preparation of a 13 contention, they're not also available for discussions with 14 the other party. And I'm not making any plea about any 15 particular amount of time. I just think that your point is 16 a valid one, and I think my point's a valid one, about 17 people not being able to do two things at the same time. 18 JUDGE BRENNER: It seems to me that they're doing 19 the same thing in those processes. But we'll come back with 20 hearing from the parties on the schedule, and we'll discuss 21

23 MR. DYNNER: Okay.

it.

22

24 My second point was that, assuming for the moment 25 that we would file a contention on 3300, do you envision a

1 WREbrb

discovery period for the other parties? I mean, what's the mechanism? Normally, when you file a contention, you obviously have a whole mechanism; and clearly that's not necessary here. But are you looking for some kind of discovery period in there for the other parties?

JUDGE BRENNER: What I had in mind with the dates 6 I was going to suggest is that the discovery period would 7 already include discovery on matters related to the load. 8 primarily from the County's point of view, but that the 9 discovery period would end about a week after the issue was 10 filed. And one advantage of that is I can have the same 11 cutoff date for all subjects and any party that wants to use 12 that last week of discovery for any discovery, which would 13 include discovery of the County by the other parties, they 14 can do that. 15

Now. I know that requires the parties to have 16 discovery before we rule on whether an issue is admitted; 17 but I think that is a minor burden, considering the 18 discovery is going to be useful for the issue of negotiation 19 and formulation stage, to some extent. In any event, and to 20 the extent that that's a burden to the other parties, I'm 21 less worried about it because of the posture of why we got 22 23 here.

24 Discovery, by the way, would not include 25 interrogatories. I think we know that. Whatever

1 WRBbrb

information you exchange informally, of course, that's the path to encourage, primarily. But depositions would be the form of discovery, and document discovery also. But, presumably, that can all be done informally, too. So I an not setting precise time frames for discovery requests and responses, and so on. The parties have worked too long and too hard together to need that, in my opinion.

8 MR. ELLIS: Judge Brenner, in setting the 9 schedule that the parties will try to arrive at agreement on 10 here in a moment. I don't think there's any problem at all. 11 given what's gone before, for LILCO to be able to file 12 testimony on the tests and inspections; given the focus that 13 we've had on the issues, we think we can do that.

But it has been my experience in this proceeding 14 that issues that are new are far more focussed if we have 15 what the County wants to litigate about the 3300 in front of 16 us before we respond to it, rather than to try to cover the 17 waterfront. I've found it difficult, in many instances, to 18 write testimony, perhaps creating straw men where none 19 existed only to find that the real opponent is something I 20 didn't really see. 21

So I wonder if the Board contemplates the filing of testimony first by the County on that issue, should it choose to litigate it, and then followed by LILCO and the Staff?

1 WRBbrb

JUDGE BRENNER: No, we didn't, and we're not going to do that. But the other side of the coin is -- and you may not have realized that we were going to do this, although you now realize it. We're going to require that an issue be framed with sufficient specificity and bases. I understand that's not the same as getting all the details of their testimony.

But, as I said, you'll have another week of discovery: that will be some help. The week will be open for all parties' discovery. But you can use it for that purpose. You'll have the issue, at least as filed.

Now, you're not going to get much time between a Board ruling and testimony, and with all these accomodations that we're trying to give everybody else. I have to see what that's going to do to the Board's schedule in terms of ruling on an issue, if the parties need a full week to respond.

MR. ELLIS: I think that will work out, presumably in depositions: when we ask them what the issues are, they'll be able to tell us rather than say they haven't yet decided. And that will help matters.

JUDGE BRENNER: As I said, it's my hope that the parties can stipulate -- if there is an issue, stipulate its admissibility, although not the merits, of course -- not necessarily the merits, of course.

4

WRBbrb 1 MR. ELLIS: You've said timeliness is not an 2 issue, so the only issue is going to be whether we agree on 3 specificity.

JUDGE BRENNER: Right. And bases.

I know I left something out. While you're having this discussion, decide together, if you can, whether we should set the schedule now for the proposed findings on blocks, to the extent it has been litigated, or whether we should wait until the completion of the litigation. But if we wait, what we would like to do is to provide some mechanism for earlier findings on the blocks.

And one mechanism -- as I say, one mechanism is to set the schedule now. If that's a problem for any party. we'll hear from that party.

Another option is to wait; but when we cont back 15 to the continued litigation -- and think about this: I 16 haven't thought it through fully -- but see if matters 17 related to the blocks could be taken up first. And then 18 we'd set a findings schedule for the blocks, knowing that 19 the parties had time during this period to cull the record 20 and put much of it together, even though we didn't require 21 that it be filed. 22

23

24

1 WRBeb

In that way we can have some findings. What I want to avoid is having to wait the full 60 days for the findings to come in after if we don't require some findings on the blocks now.

26955

5 There is a lot in the record on that subject that 6 is not going to be greatly or directly affected by the 7 further information or even where it is, it can be added 8 on. But if there is a reason not to require any proposed 9 findings now on it, we will do that provided we can have the 10 other accommodation that I indicated. So think about that, 11 also.

12 Of course we never chanjed the crankshaft 13 schedule. It would have been too late to change it for 14 LILCO and the County at this point, and we're not changing 15 it for the Staff or for the reply either. We understand 16 that things are going to be adjusted, but we'll be able to 17 make use of the findings in this time frame before we start 18 the litigation again, or continue the litigation.

19How much time do you think you need? Do you need20a full half hour?

21 MR. ELLIS: Yes, sir, I think that would be 22 helpful.

JUDGE BRENNER: All right. Let's take until eleven o'clock. I am inferring that there are no other issues that the parties are going to raise before us that

WRBeb

I we have to think about.

MR. ELLIS: There is one point that I thought I might clarify. Yesterday I indicated to the Board what the company's intended use of the TDI's diesels was, and I am correct in that.

I also indicated that the 20-megawatt gas turbine is going to be retained. I was correct on that. What I was not correct in was also advising the Board that there is also a 50-megawatt gas turbine there and there are also four EMD diesels that are mobile diesels that are being used in the low-power area.

12 JUDGE BRENNER: I am sure Judge Miller knows all 13 about this.

14 MR. ELLIS: Yes, he does.

And those will be kept until the first refueling outage, so until the first refueling outage, there will be three Colts — or three TDIs and three EMD diesels, the two gas turbines, and as soon as the Colts are installed they will be there, too.

But what I did advise the Board of, of the use of- I should have said four EMD diesels. But what I did tell the Board about the use of the TDIs after the first refueling outage is valid.

24 JUDGE BRENNER: One footnote for Tuesday, the 25 conference of parties.

25

1

It occurred to me that I'm not sure which Counsel WRBeb is going to be there for which parties, and that's okay. 2 But in terms of finding out the exact location of the 3 conference, let me put it the other way to make it easy for 4 Mrs. Lane. If the parties would have their representative 5 call her on Monday morning, she will be able to tell them 6 the location. 7 All right, let's recess until eleven o'clock. 8 (Recess.) 9 JUDGE BRENNER: Back on the record. 10 MR. ELLIS: Judge Brenner, as you perhaps 11 predicted and hope, we have, subject to some explanations 12 and qualifications, reached some agreement on the schedule. 13 (Document handed to the Court. 14 MR. ELLIS: I have handed you a sheet -- I'm 15 sorry, Judge Morris, I only have one copy. 16 First, Judge Morris, at the top we have to add 17 another item before Number 1, and it is P&L inspection 18 reports. P&L will be doing independent inspection reports 19 on the results of the inspections and the tests, and they 20 will be submitted to the Staff and the parties. The date 21 for that is December 3rd. 22 The LILCO inspection reports on the crankshaft 23 and the block, as I reported I think earlier, December 1, 24

we've decided to do everything that Monday, December 3rd.

26958

The Staff SER or the essence of it on 3300 Kw AGBeb 1 will be provided on December 3rd, contingent upon receiving 2 additional information from LILCO this coming week. I had 3 reported to the Board that I felt the staff had all of the 4 information verbally. There are apparently some questions 5 that have not been answered orally or in writing, and we 6 will attempt to have all that information to the Staff. and 7 we think we can, by next week so that the staff can make 8 that date of December 3rd. However, that December 3rd date 9 is contingent on answering the currently-outstanding 10 11 questions. MR. PERLIS: Excuse me. 12 If I could add something here, Judge? 13 What we will be giving out on the 3rd will be an 14 explanation of the Power System Branch's final position. 15 The actual wording may change between that and the eventual 16 SER but the gist of the position would be final by then. 17 MR. ELLIS: Next--18 JUDGE BRENNER: Let me put that in my own words. 19 The substance is not going to change? 20 MR. PERLIS: That's correct, but the individual 21 wording might be played around with. 22 JUDGE BRENNER: No problem. 23 MR. ELLIS: Next we face the deadline for the 24 filing of a contention by the County on the 3300. And we 25

1 AGBeb

agreed that that should be on December 17th. We were
 willing to accommodate that date, and I think the parties
 can agree on this, based on what we think ought to be the
 discovery schedule.

We've agreed to cut discovery off for the County December 17th, and cut discovery off for the staff and LILCO on December 21st. And we are going to try to accommodate each other. We agree to do our discovery that week before Christmas provided we can do it in D. C., so that we can get it all done.

And we discussed the number of witnesses and that sort of thing, and we think it can be done. And Mr. Dynner has graciously offered to produce them earlier if his people are prepared, and if it's practical and reasonable to do so. It may not be, and for that reason we've provided for that extra week for Staff and LILCO to conduct their discovery.

The next date is--

18

JUDGE BRENNER: I'm sorry. I lost you because I was reading this shorthand rather than listening to you. and I apologize.

22 Whose discovery is getting cut off first? 23 MR. ELLIS: The County, December 17th: the staff 24 and LILCO cutoff, December 21.

25 JUDGE BRENNER: Discovery of those parties?

MR. ELLIS: Discovery by those --AGBeb 1 JUDGE BRENNER: Discovery by those parties? 2 MR. ELLIS: Discovery by those parties of the 3 County. Discovery of LILCO by the County is cut off 4 December 17th, the date on which their contention is to be 5 filed. 6 Then December 17th is also the date for the Staff 7 SER on the inspection and testing. and the formal SER on the 8 9 load. Thereafter, we decided that it makes sense not to 10 try to get everything done over the Christmas holidays. and 11 so we decided that the first date would be January 15th. 12 which is a Tuesday. And I won't go into how we reached a 13 Tuesday rather than a Monday. It is labyrinthian in 14 complexity. 15 JUDGE BRENNER: You have other Mondays 16 previously, and I take all these dates as received dates. 17 MR. ELLIS: Yes. sir. 18 JUDGE BRENNER: Okay. 19 MR. ELLIS: Next we decided to give everyone ten 20 days as opposed to seven days, so the County's testimony on 21 all issues will be due the 25th, and staff testimony on all 22 issues the 5th, and I've put the days of the week I think 23 next to that. 24 And then commencement of hearings on the 12th. 25

9080 06 07		26961
I AGBeb	i	This could Obviously, the Board may want to vary that,
	2	depending upon the availability of courtrooms and
	3	availability of the Board.
•	4	Mr. Dynner and Mr. Perlis may want to amplify.
	5	but I think that sums up the gist of our discussions during
	6	the break.
	7	I will add just a couple of things to it for
	8	completeness.
	9	
	10	
	11	
	12	
	13	
•	14	
	15	
	16	
	17	
	18	
	19	
	20	
	21	
	22	
	23	
•	24	
	25	

1 AGBagb

First of all these dates are, I think it's 1 correct to say from everybody's point of view, based upon 2 the assumptions that in fact all of the reports and 3 documents which are in this schedule shown to be received by 4 December 3rd will in fact be received by that date because I 5 think it is fair to say we have all keyed off by that date. 6 And it would not be our intention to, from the County's 7 point of view, to make any changes in the schedule based 8 upon a day or so. But I just wanted to make that poinc. 9

Secondly I did say that as a realistic matter we 10 would contemplate a cutoff date for the County to take 11 discovery of the other parties by December 17th. I left 12 myself a little bit of a loophole because I can't foresee 13 any possibility of the need for discovery after that date on 14 behalf of the County. I did say and I think it was agreed 15 that if I come in with some kind of a special reason or a 16 special need that that would be considered. 17

And finally. I have not been able today and will 18 not before the adjournment today to check on the 19 availability of my prospective witnesses if we decide to 20 file a contention. And we are going to make every effort to 21 cooperate with the Staff and LILCO on their ability to take 22 the depositions in that period following the 17th, but in 23 fairness I do have to say that I have not had the 24 opportunity to check on the availability of my prospective 25

2 AGBagb

2

I witnesses yet.

JUDGE BRENNER: All right.

MR. PERLIS: Excuse me, Judge. The only thing I 3 wanted to add, and I believe Mr. Ellis did indicate this: 4 the Staff report on 3300 Kw is very much dependent upon our 5 getting additional information which I am told we will be 6 getting early in the week. But we do have some questions 7 that are unanswered and until they are answered we are not 8 going to be able to come out with the report. So while I 9 think we can make the 3rd. it is not entirely in our hands. 10 MR. DYNNER: For completeness of this report, I 11

think we should also mention that we briefly attempted to 12 hold a discussion concerning our views on the findings and 13 fairly quickly concluded that we all had to check with other 14 people and consider other factors and therefore we are 15 requesting that you give us until next Tuesday in order to 16 address that issue and that will give us some time to check 17 with various people and to have some discussions among 18 ourselves. 19

20 JUDGE BRENNER: All right.

21 MR. ELLIS: It might help in that connection, 22 Judge Brenner, if we had a little more guidance. My initial 23 inclination and I think LILCO's initial inclination would be 24 that it would be prudent to go ahead with a findings 25 schedule for that portion of the block testimony that has

1 AGBagb

already been taken and then merels add I think you indicated 1 that you would take the blocks up first before the 3300 in 2 February and then just to add on what we would hope would be 3 a smaller blip onto thit. That would be our initial 4 inclination, but you indicated that there might be, if we 5 delayed at all until then, that it would be an abbreviated 6 schedule after then. And I guess I -- it will be a bigger 7 record to have an abbreviated schedule. The assumption. of 8 course, is that the work has been largely done by then --9 JUDGE BRENNER: Right. 10

MR. ELLIS: And I suppose what we might do is discuss what an abbreviated schedule might be. The problem I have is the difficulty of predicting that it is going to be a small blip at the other end that would warrant an abbreviated schedule. I might want -- that's why I need to discuss it more and discuss the availability of people.

JUDGE BRENNER: I didn't mean to say that no 17 matter what happens later we would stay with an abbreviated 18 schedule. And I also -- if the findings were filed now on 19 this schedule I didn't mean to say that the blocks would 20 then necessarily be taken first. I meant it as an 21 alternative. We could still take the blocks first, although 22 I have a concern that when you get into the complications of 23 witness scheduling. I think that could become a problem at 24 that end. 25

What I had in mind as an abbreviated schedule was AGBagb 1 probably something like 15 days after the completion of the 2 blocks for LILCO to file and then I would keep the normal 3 differential for the other parties after that. 4 MR. ELLIS: Judge Brenner ---5 JUDGE BRENNER: But I didn't think it through, as 6 you can tell. Another possibility is just the fast that we 7 would start the findings schedule from completion of the 8 blocks even if we kept the same 30 days would still be an 9 10 acceleration. MR. ELLIS: May I inquire whether the Board is 11 also considering page limitations for the black findings 12 and, if so, in light of the experience with the crankshaft 13 findings to date, if the Board has formed any view as to 14 what that limitation might be? 15 JUDGE BRENNER: I think we were going to stay 16 with the same limitation we had applied to the crankshaft of 17 90 pages. That would be for what was done so far. 18 Now if we waited and set a new schedule after. we 19 might stay with the same 90 pages. we would revisit the 20 subject later. But if we had findings now I didn't mean 21 that your 90 pages -- you wouldn't have to leave t tor 22 the unknown during the next phase, it would be 90 mies 23 based on what was done so far. but that included -- you 24 would have to leave room for reply in the case of LILCO. 25

AGBagb

MR. DYNNER: Am I correct that the Board's 1 thinking about the findings is like mine, the assumption 2 that there will be comprehensive findings on the block 3 rather than piecemeal? 4 That is to say that --5 JUDGE BRENNER: I am giving you the option of 6 advising us of what you prefer. 7 MR. DYNNER: Okay. 8 I meant comprehensive with the abbreviated 9 schedule is what you were talking about. 10 JUDGE BRENNER: Yes. 11 MR. DYNNER: Okay. 12 The point point I would make, just to throw it 13 out, that it seems to me page limitations we really ought to 14 wait until Tuesday to have a meaningful discussion about 15 that because whether or not we do this test that has been 16 proposed and how it's done and the outcome of that could 17 obviously affect the volume of material that would be 18 covered in the findings. 19 JUDGE BRENNER: That's okay. too. I think what I 20 said this morning was to answer the question of what our 21

26966

22 thinking was.

All right. Well we appreciate the parties
working out a schedule which is perfectly acceptable to Us.
Let me point out that one thing you did not provide for

1 AGBagb

1 that I see now -- and if I see any other things I'll let 2 you know on Tuesday -- we didn't ask you to provide for it. 3 so I'm not criticizing it, but the one thing that's not 4 there is an answer to the filing of any contention by the 5 County on 3300 Kw.

And what we would have in mind would be a week 6 for LILCO and the staff to file answers to any such filing 7 -- and maybe you don't need it, because you will have fully 8 discussed matters before December 17th with the County, so 9 that it may be you can get your answers in simultaneously. 10 if there is some agreement, or just a day or two 11 thereafter. But maybe we should set the period now, if 12 needed, a week after that. 13

MR. ELLIS: Judge Brenner, I think the week is a 14 reasonable period. The only problem I have with it is that 15 that's the week we have set aside to do the discovery of the 16 County. I realize that the basis and specificity are going 17 to be the only grounds and we certainly will have an 18 opportunity to discuss it before a d but I am a little 19 leery of doing the discovery and so right at the time that 20 we would be writing -- if . . , it may be that we 21 wouldn't -- writing a pleading contesting the specificity 22 23 and the basis.

24 JUDGE BRENNER: All right. Actually that gets 25 you right into the holiday week anyway when, frankly, the

AGBagb

Board is not likely to be available as a Board anyway. But if you carry it beyond that to two weeks that gets you to December 31st, not a good day. But I am trying to figure it out. You say you allowed for the holiday period for everybody else and perhaps we should not worry about ruling on this issue, if we have to rule. If you want to file testimony on the 15th. say, our ruling is presumably far in advance of that. That's feasible.

AGBeb

1

2

MR. ELLIS: I'm trying to get a calendar out. Judge Brenner.

I think under the circumstances that we should aim for the 21st, but as a deadline we would like to have, in case there is discovery that gost on during that week---JUDGE BRENNER: Well, I was joing to suggest the

7 24th, not the 21st, Christmas Eve.

I don't want to mislead you. i don't know that the Board is going to be available starting with the week of the 24th. I can tell you that the first two weeks in January we will not be available as a Board. We will not be together, and in terms of any necessary deliberations, it will be difficult for us, although not impossible.

MR. ELLIS: I ask then, under the circumstances, can we-- We'll go ahead and labor under the 24th, and if circumstances require some relief. I hope we can approach the Board.

18 JUDGE BRENNER: That's fine. You won't get a 19 ruling that week anyway. That's what I'm trying to tell 20 you.

MR. ELLIS: Maybe the ruling of the Board-- The Board wouldn't contemplate ruling then on this until January in any event?

24 JUDGE BRENNER: That's correct. But we might 25 read it before January 2nd, individually.

1 AGBeb

1	MR. ELLIS: Well. I might suggest than that
2	JUDGE BRENNER: What I'm looking at is your
3	January 15th testimony filing date, you see,
4	MR. ELLIS: Yes. your Honor.
5	JUDGE BRENNER: - and I'm trying to do what we
6	can to make things easier for you. And that would be as
7	prompt a ruling as feasible for you.
8	MR. ELLIS: Would the 27th or the 28th put it in
9	the hands of the Bcard in enough time? I would anticipate
10	in doing that that Mr. Dynner's typically elequent use of
11	the written language would be sufficient to handle any
12	points he would want to make, and I would simply have to
13	labor under the disadvantage of whatever we could put down
14	on paper.
15	JUDGE BRENNER: Well. if we need I heard
16	Mr. Dynner's comment, and if we need any oral discussion of
17	it we can set something up later in the week of December
18	3lst.
19	MR. ELLIS: I don't currently anticipate You
20	have already indicated that the dispute is narrowed to basis
21	and specificity and I wouldn't regard this as being
22	something that could not be adequately explicated in papers.
23	if indeed it even arises.
24	JUDGE BRENNER: All right. Why don't you try to
25	get any necessary answer to us on the 21st, but that's not

AGBeb - 1

1

the deadline. That's just an effort, and it could make
 things easier for us and, in turn, easier for you.

Well. I don't want to mislead you. I don't think we'd get the ruling out the following week in any event, but we'd be able to prepare things individually and then discuss it as a Board.

7 In any event, as a deadline, why don't you get it 8 to us by the 27th, and we will make arrangements to get it 9 delivered to us if we are not otherwise in the office. 10 We'll make arrangements from our office to do that.

The fact that the deadline is during a period 11 when you are all going to be together anyway for other 12 purposes may work out well in the sense that if there are 13 some clarifications needed, keeping in mind that you want to 14 keep the decision time down after we receive the written 15 answer, you could informally obtain those clarifications and 16 perhaps reach some agreements, and then those, too, can be 17 reflected in the answers. 18

We have no objection, as I say, to a joint filing initially on the 17th if that can be worked out, a joint or simultaneous filing, or some joint or simultaneous filing after, in which the County's further views could be reflected, given any further discussions and so on. Whatever is easier for the parties to get their positions before us will be fine.

26972 9080 08 04 We on our part will try to hold to the schedule AGBeb in tarms of commencement of hearings on the week of February 2 12th. We may choose to start on the 11th. I'm not sure. 3 depending on hearing schedules and so on. 4 Is that a federal holiday? 5 MR. ELLIS: That's one of our secrets that I told 6 you led to the complexity of the schedule. We thought that 7 might be some late great birthday. 8 MR. PERLIS: Presidents' Day is either the 11th 9 or the 18th. I'm not sure which. 10 JUDGE BRENNER: I don't know when it is. 11 MR. ELLIS: In Virginia we only celebrate Robert 12 E. Lee's Birthday. 13 JUDGE BRENNER: I was going to ask you when that 14 15 was. MR. ELLID: We have Lee-Jackson Day in the fall 16 of every year. 17 JUDGE BRENNER: I understand that when Northern 18 Virginia splits off they will no longer be celebrating that. 19 MR. DYNNER: Judge, on the hearing conference of 20 the parties on Tuesday next, is it your intention -- at 8:30 21 in the morning -- to take up the remand issues first, or to 22 take up the few diesel issues first? 23 JUDGE BRENNER: You give me that time with such 24 emphasis. It is not my favorite time of day either. 25

1

MR. DYNNER: I am up and around by 8:30, I assure AGBeb 2 you. JUDGE BRENNER: Whatever the parties prefer. 3 MR. ELLIS: I thought with Mr. Dynner that we'd 4 do it afterwards, if that's what you are suggesting. 5 MR. DYNNER: I wasn't suggesting anything. It 6 doesn't matter to me because I only live about 20 minutes 7 from there. 8 Mr. Ellis might have a preference, which I am 9 willing to accommodate. 10 JUDGE BRENNER: Whatever the parties want will be 11 fine with us. 12 MR. DYNNER: Do you have any feel for how long 13 the remand issues are going to take? Are we talking about a 14 half hour or ---15 JUDGE BRENNER: It depends on what else the 16 County has to tell us. I have given you the big hint that 17 based on what the County has filed so far, it won't take 18 very long. But the County will be on the short end of our 19 20 ruling. MR. DYNNER: I had the impression that you had 21 said that. 22 JUDGE BRENNER: Right. I wanted to give the 23 County notice. 24 MR. DYNNER: I'm just not the attorney who is 25

1 AGBeb

1

2

aware of those matters, so that I just pass on the messages of course.

JUDGE BRENNER: I guess if I had a preference I 3 would rather do the blocks first. for a few reasons. 4 including the fact that we want to key Judge Ferguson into 5 the subject, and he will be there on Tuesday, and then have 6 an opportunity for us to talk about it during a break that 7 might naturally occur in the mid-morning time frame after 8 you have already told us whether there is an agreement or 9 whether we have to rule, or whether you want us to continue 10 to defer our ruling, which I have already said we would do 11 as long as we set a time certain. 12

All right. The only other thing I wanted to see if we could look at is you indicated that if things changed by a day or two that would not throw the schedule off. and I appreciate that.

- 17
- 18

19

20

21

23

9080 09 01

AGBwrb

Some things are more important than other things in terms of the Starr reports, and I want the Staff to know that. You have given us a message about the December 3rd date, I understand that, and that's fair enough.

5 The other side of the coin is, the Staff should 6 not slip that date at all if LILCO lives up to its 7 commitment.

8 There are complex schedules that are going to be 9 developed here into February, including some complicated 10 Board schedules.

MR. PERLIS: I understand that. The only point I want to make is that it may well the case that when we get the answers to the questions next week those answers may generate additional questions. I don't know that they will, but--

JUDGE BRENNER: Get everybody in there for a meeting and keep a transcript. Get the County in there and get the answers.

In other words, as counsel, let the technical staff know what is happening on the schedule of this proceeding.

22 MR. PERLIS: I understand that.

JUDGE BRENNER: And let them be flexible rather than, by inertia merely following their normal procedures, keeping in mind, of course, the goal of obtaining the

9080 09 02

AGBwrb 1

1 substance necessary.

MR. PERLIS: That's fine. I just wanted to point 2 out that the questions -- at least the answers that we're 3 waiting for -- are viewed by Power Systems Branch as 4 important ones, and when we get answers next week those 5 answers may not completely resolve everything. . 6 JUDGE BRENNER: You see why that is an important 7 date in terms of the days we've had to discuss --8 MR. PERLIS: I appreciate the importance of the 9 10 date. JUDGE BRENNER: All right. 11 On the other hand, it strikes me that the Item 5. 12 the December 17th formal SER at 3300, assuming, as we have 13 assumed, that there will be no change in substance and the 14 fact that that will include the inspection and testing SER. 15 it is important to get out in that timeframe. But that date 16 per se isn't critical; in fact, if I were you I would move 17 it to the 18th already, since it is a receit date, and then 18 that will-- Is there a reason why that had to be a Monday 19 instead of the 18th? 20 Let me suggest you make that the 18th. The guid 21

22 pro quo for this is you're not getting changed to the 3rd 23 lightly.

24 MR. ELLIS: Judge Brenner, No. 5 on the list I 25 gave you we'll change to the 18th? 9080 09 03

1 AGBwrb

JUDGE BRENNER: Right. And the other point I was poing to make is that, well, if it moves a day or two, that should be one way that the flexibility that you all indicated you would have could easily be accommodated if it turns out to the 19th or something like that. But don't take that as an invitation to miss it by a week.

All right. I wanted to give the parties some advice on what they might need to come back to us on or what they might not need to come back to us on and those two examples were utterance of the continuum.

All right. I believe we are done. We do appreciate what the parties have done. It is much better when the parties can do it rather than have all of the parties to have the burden of our rulings which each of you may have disliked for different reasons and on Tuesday if we could take the blocks up first that would be helpful but not essential. We will accomodate your schedules.

We hope to complete everything we have to do on IN Tuesday by noon. That is not an absolute cutoff, it is a goal. That's one reason why we are starting at 8:30, in fact, that is the reason for starting at 8:30.

All right. Thank you all very much for your time and effort throughout the proceeding so far. Although you may not think we appreciate that from moment to moment in the hearing we really do sincerely. And I hope all of you

9080 09 04		26978
1 AGBwrb	1	get a little bit of rest outside of the hearing room. We'll
	2	see somebody on Tuesday and some of you folks when we resume
()	3	the hearings in February.
0	4	(Whereupon, at 11:55 a.m., the hearing in the
	5	above-entitled matter was adjourned.)
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
•	14	
	15	
	16	
	17	
	18	
	19	
	20	
	21	
	22	
	23	
•	24	
	25	

CERTIFICATE OF OFFICIAL REPORTER

This is to certify that the attached proceedings before the UNITED STATES NUCLEAR REGULATORY COMMISSION in the matter of:

NAME OF PROCEEDING:

LONG ISLAND LIGHTING COMPANY (Shoreham Nuclear Power Station)

DOCKET NO .: 50-322-1 (OL)

PLACE: Hauppauge, New York

DATE: November 16, 1984

were held as herein appears, and that this is the original transcript thereof for the file of the United States Nuclear

Regulatory Commission.

a anne & Bloom (Sigt)

(TYPED) William R. Bloom & Anne G. Bloom

Official Reporter

Reporter's Affiliation Ace-Federal Reporters, Inc.