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UNITED STATES OF AMERICA NUCLEAR REGULATORY COMMISSION ADVISORY COMMITTEE ON REACTOR SAFEGUARDS SUBCOMMITTEE ON ACRS REGULATORY POLICY AND PROCEDURES Room 1167 Nuclear Regulatory Commission 1717 H Street, N.W. Washington, D.C. 10 Wednesday, March 16, 1983 11 The Subcommittee on ACRS Regulatory Policy and 12 Procedures of the Advisory Committee on Reactor Safeguards met 13 at 9:05 a.m. 14 ACRS MEMBERS PRESENT: HAROLD W. LEWIS, Chairman 16 FORREST REMICK 17 REGULATORY STAFF MEMBERS PRESENT: 18 JIM TOURTELLOTTE TRA4
white GERRY CHARNOFF 19 RAY FRALEY 20 DESIGNATED FEDERAL EMPLOYEE: 21 MARVIN C. GASKE 22 ACRS FELLOW: 23 PAULETTE P. TREMBLAY 24 25

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## PROCEEDINGS

MR. LEWIS: Welcome to the 476th meeting of the Subcommittee.

you where we are with the administrative package, what is in it, how it is proceeding, how the schedule is, how it is going to be implemented; and as a secondary question, although we don't want to talk about the legislation which has already been submitted to the Hill, it would be nice to know, since so many people believe that many of the items in the legislative package could be accomplished administratively, it would be nice to know whether there is any schedule for cutting bait on the legislation and trying to crack on some of those issues instead of just putting them on the back burner because they are up on the Hill.

That is the class of things I would be interested in. Forrest, do you have anything?

MR. REMICK: No, I think you have covered it. I am particularly interested in knowing the proposed schedule, now, that the Regulatory Reform Task Force is working on: what items are they considering now, when do they propose to present them to the Commission.

Somewhere I read before, within the last couple weeks, I thought, where the Commission has apparently decided not to go with a policy statement on backfitting but letter of the

Staff. I would like to hear about that, what the significance is of that.

MR. TOURTELLOTTE: Well, on the administrative package for the most part, as far as I know right now, it is in that report which we filed with the Commission in November of 1982. There is one item which we did not include in this package which we may develop -- I am working on it to some extent -- and that is a set of rules which would revise to some extent the manner in which we handle standardization.

I had a set of rules drafted on it but I was not pleased with the way that those rules developed in their final drafting, so I did not include it in this November package.

There is a little more time now to look at that closer, and I am going to be doing that in the next few months.

I have no schedule because if in fact it cannot be developed to the point that I think it is worth presenting, I simply would not present it. I'm hoping that we will be able to make some progress.

As for what is in the package, in the November package, of course it really falls into about three different administrative areas.

MR. REMICK: Excuse me, Jim. When you say November package, is that 82.447?

MR. TOURTELLOTTE: Yes, the draft report of the Regulatory Reform Task Force on Licensing Reform.

The three parts of that administratively are for convenience. One is backfitting, two is the hearing process, and three is -- actually there are two parts to number three, but they are so related that we put them together: that is, the ex parte rule and the separation of functions rule. Those two go together.

Then there is the revising of the role of the Staff as a party. What I really meant is that revising the role of the Staff as a party and the ex parte separation of functions rules go together as a consideration.

Now on backfitting, we took that up with the Commission on March 1, and we started by considering the policy statement which was developed and made actually part of the November proposal. It comes toward the end of that. It is Enclosure 2. The Commission was split on the question of whether there would be a policy statement or a Staff requirements memo. They had a 2-2 split with the fifth Commissioner not being there, and in order to move it along, why, the Chairman agreed to change his vote and go with the Staff requirements memo.

The significance of that is not terribly great, I guess. The difference between a policy statement and a Staff requirements memo is more one of public perception than anything else. A policy statement has no legal effect. It is simply an internal directive, and the Staff requirements memo is the

same thing, it's an internal directive.

I think it's probably a way of having the Commission to say this is a very important subject of national concern and we are placing it in the Federal Register to let you know we are doing something about it. The Staff requirements memo, on the other hand, is an internal directive that just goes to Bill Dircks and says this is what you should do.

We have been drafting the Staff requirements memo in association with some of the Staff, and as currently developed, that Staff requirements memo will do three things. One, it tells in a very straighforward manner, tells the EDO to ensure that any changes proposed by the Staff which fit within the definitions of backfitting in 10 CFR 50.109 are classified and are only imposed if the findings by 50.109 are formally made and documented.

Now, this is consistent with what the ACRS had said earlier about backfitting, and that is that we don't need a new rule, we just need the Staff to enforce the rule they have got. That assessment, of course, is one that I don't entirely agree with, but nevertheless, insofar as the ACRS is concerned, we are doing what the ACRS wanted to do, and that is to tell the Staff to impose the rules that are on the books.

MR. LEWIS: Well, being the ACRS doesn't make you right, of course.

(Laughter)

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MR. TOURTELLOTTE: Done in the proper spirit of things, I'm sure.

(Laughter)

MR. REMICK. The definition of backfitting, then, would be the current 50.109 definition, not the -- the 82.447 definition, is that right?

MR. TOURTELLOTTE: That is right. It would apply only to systems, structures and components, whereas the new rule includes some other things.

I was going to say there are two other parts to this. The second part requires that the Staff in making their backfitting decisions and findings use the procedures that were
developed for CRGR in approving generic requirements. Those, I
believe, are found in Part 4, although I don't have the specific recollection. They include such things as specification
of the proposed backfit as it will be sent to the licensee,
review of relevant Staff papers and underlying Staff documents,
short and long-term requirements, whether the backfit definitively settles an issue or may result in additional backfitting,
whether the proposed backfit relates to other requirements and
whether other reassessments will be required, does the backfit
involve computation analysis, engineering design or equipment
or structural modification, and that series of things that
are listed in the CRGR procedures.

Finally, the third part requires that the EDO provide the Commission with a plan describing the procedures to be followed in implementing the backfitting decisions, outlining the process to be used, who will make those decisions and how the decisions would be documented.

So it actually requires a little more than what the Staff is currently required to do.

Ments that is currently in existence between the Staff and the Task Force, or at least me, is that the Staff wants this to only apply to plants which already have operating licenses.

The question is posed as to why they want to do that, and the only answer -- and I qualify this -- the answer as I understand it is that they don't really know how to implement 50.109 for anything but plants that already have their operating licenses.

My response to that is that that isn't what the rule says, and if the purpose of the directive is to say to enforce the rule, then they ought to enforce the rule and they ought to do whatever is necessary to figure out how to enforce that rule, how to put it into effect. If it requires development of a set of criteria along the lines that are outlined in the new rule which we have proposed, then they can do that. But they cannot simply sit back idly and say someone has passed a rule and we don't understand how to enforce it.

MR. LEWIS: I guess I have -- you are way ahead of

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me, I think, because I don't quite see how they can do it for either existing OLs or new plants. I always come a cropper on understanding what the criteria for backfitting could possibly be in the absence of some kind of risk-benefit analysis, and the Staff is notoriously unable to do risk-benefit analyses, and as you know, I have a problem believing that there is anything in the charter of this agency that makes it possible to do such things.

It is, of course, notorious that in the things that were done after TMI, there was very little analysis of any kind done to justify the extensive backfitting required of the existing plants. I just don't know how the Staff is going to do the analyses, and maybe I would know more if I had read 50.109. Would I know more?

MR. TOURTELLOTTE: 50.109 is not going to tell you that, no.

MR. LEWIS: It says that you have to consider the -maybe I should read it. What in substance does it say? I
should read it. You should go on while I read it.

MR. REMICK: I could see where the Staff could have a problem with the current 50.109 going back to the CP stage, but I agree with you that that is what the rule says and that is what the Commission should be implementing. I can see where the Staff would have greater difficulties doing it that way.

I do like, in part, at least, what is proposed in

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447 where you are talking about new regulatory requirements or modification of regulatory requirements. You are not getting down to talking about systems and equipment and things like that. It would be easier to implement, I think.

MR. TOURTELLOTTE: You see, there is actually nothing in -- well, let's back up a minute and start in a different way. 50.109 is fairly vague.

MR. LEWIS: It sure is.

MR. TOURTELLOTTE: But regulations do not have to be extremely specific. They are in fact regulations. They are supposed to cover a broad range of circumstances and situations, and the regulator, in my view, is expected to come up with various plans to implement those regulations depending upon the circumstances which which they are confronted.

There is nothing in the new rule that could not be implemented under the current rule if they would simply adopt it as a management plan, and what is under the new rule is more specific and is more directive and, in fact, tells them how to do this.

MR. LEWIS: No. In fact, I know what is troubling me now. I agree with you on that that in fact I think this agency tends to be much too specific in its guidance in general. My problem is that as I read 50.109 now, which doesn't take very long because there are only a few words in it, it says that you can require backfitting, the Commission can, if it finds

that such action will provide substantial additional protection which is required for the public health and safety, and the key word is "required" there because that is very much in the eye of the beholder.

If I were working for this agency and were asked to come up with a plan to implement that, I don't see how I could do it without requiring that some kind of PRA or at least some kind of analysis be done of the effects of any given backfit. It is contemplated that that is in the cards?

MR. TOURTELLOTTE: No, neither PRA nor the safety goal are necessary for implementing the backfit rule, and in my view it can be done through the exercise of scientific technological judgment, if you will.

The logic that I use I have used, I guess, before, but the simple fact is that for the past quarter of a century or more, we have made judgments about what is required for the public health and safety without a PRA and without a safety goal, and if you concede that we have made those judgments soundly, then you have to concede that we can make new judgments soundly without a PRA and without a safety goal.

MR. LEWIS: I understand that, but in fact just to carry that line a little bit further, how can we say that the Staff hasn't been enforcing 50.109, because every backfit requirement has presumably been the result of the educated judgment of one of these people who for a quarter-century, to

use your words, have been performing so well? I don't see 1 what the difference is. MR. TOURTELLOTTE: Well, I will point out that when I say that it is a judgment, I also don't believe it is something you pull out of a hat. There has to be some kind of an analysis done. MR. LEWIS: Okay. So that is what we are groping for, how much analysis. MR. TOURTELLOTTE: Yes, how much. The analysis does not necessarily require a PRA or a safety goal, but it require: 10 some analysis. Frankly, the way I have observed it from maybe 11 a different angle is that some of these requirements will be 12 made, and if you ask a staffer why they want this requirement, 13 they have no answer. They had made no analysis. They had read 14 some book about some new idea and they just thought it was a 15 good idea, and without any specific analysis as to how it 16 applies to this plant or this set of plants, they just say, well, 17 it sounds like a good idea to me. 18 That, in my view, is not sound exercise of scientific 19 or technological judgment. 20 MR. LEWIS: Well, of course you know I agree with 21 that, but I'm having trouble defining what is --22 MR. TOURTELLOTTE: And a good deal of what I did as 23 an attorney -- in other words, they always say why is an 24 attorney involved in this? And I ask myself that question a

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lot when I wake up in the morning. 1 (Laughter) MR. REMICK: Especially in the last year. MR. TOURTELLOTTE: Yes, I do. MR. LEWIS: That isn't what I think of when I wake up in the morning. MR. TOURTELLOTTE: You don't wonder why I'm doing this? (Laughter) MR. TOURTELLOTTE: The real job that we had was to 10 make sure from a procedural standpoint that the Agency is not 11 acting arbitrarily or capriciously, and in so doing, what we 12 do, we take a fundamental problem, somebody on the Staff is 13 making a proposal and we don't know anything about it, but we 14 start out just as a matter of logic having them explain it to 15 us and why they are doing it. 16 I found through the years for the most part they 17 couldn't tell you why they were doing it initially. Now, 18 really what it amounted to, and I think this is poor regulation 19 as well, is that by the time we got through, we had a rationale. 20 But that isn't the way to impose backfits. It's not post hoc 21 rationalization. It is taking the time and effort to analyze 22 it before you impose it, and if you have a fairly good reason

for doing it, go ahead and do it. But that isn't what has

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been happening.

MR. LEWIS: No, I realize that isn't what has been happening, and the thing I am trying to understand is why under the new rule things will be different or under the new Staff directive things will be different, because unless one makes — I guess there are two ways to go. One is to make explicit, you know, as an extreme world, one might say you must do a PRA, however imperfect. I don't support that because they do too many. We don't need more bad PRAs in this world.

Another way is to say that big brother is looking over you and just regard this as an exercise in sensitizing the Staff to the fact that higher management believes that in many cases they have been acting without adequate analysis. That kind of sensitization may be better than any new rule. I think that is what you were alluding to in the difference between a policy statement and a Staff directive.

But other than sensitizing the Staff, I don't see how you get by without really making very explicit what it is that you expect from the Staff. I don't see what keeps them from falling into the old ways even after the new memo is issued.

MR. TOURTELLOTTE: Well, the distinction between the old ways and the new ways, I think, is fairly easy to pick out. I mean the old way was to simply read some current report that says this is a pretty good idea and then automatically assign that to some specific plant or a group of plants. That leaves out all of the considerations -- in other words, the

kinds of considerations were not made as following. It was not considered what the potential reduction in risk to the public of accidental off-site release of radioactive material was. It was not considered the potential impact on the radiological exposure a facility employs. It was not considered the installation and continuing costs associated with backfit, including the cost of facility downtime or the cost of construction delay.

of changes on plant or operational complexity, including the effect on other proposed and existing requirements. It was not considered the estimated resource burden on the NRC associated with proposed backfit and the availability of such resources, and it was not considered what is the potential impact of the differences in the facility type, design or age on the relevancy and the practicality of the proposed backfit.

Those are the kinds of things that we say they have to consider.

MR. REMICK: When you say "have," that is in the proposed --

MR. TOURTELLOTTE: That's in proposed rule.

MR. REMICK: Not in the requirements memo, though.

MR. TOURTELLOTTE: No. But in the requirements memo, if you go over -- I mean, just take whatever those bullets are in the procedures of CRGR, and you have got a mechanism for

them to at least think about it before they do it.

Now, let me say another caveat here, which is to some extent in agreement with what you are saying, or at least answers what is sort of a rhetorical question, what makes me think that Staff is going to do anything differently than they have done before.

The one great problem in this whole thing in management. I mean the reason that 50.109 has not been followed for 12 years is because management hasn't chosen to follow it.

MR. LEWIS: I agree with that.

MR. TOURTELLOTTE: Currently management is saying, we didn't know how to follow it. I'm not sure that that was the same motivation earlier on. I'm not sure but what it wasn't just a little bit more like regulatory arrogance that put us in a position of thinking that we didn't have to follow this because whatever we were doing was done in the name of safety.

But you know as well as I do, you can't just come up and say I'm doing this in the name of safety. You can go up on the top of a building and put an inner tube around your waist and jump off in the name of safety, but you're going to make a big splash when you hit. Doing things in the name of safety is not always in the best interest of what we're doing.

MR. REMICK: Jim, I think the Commission has to accept some blame, too, for not seeing that 50.109 was implemented.

MR. TOURTELLOTTE: Sure.

MR. REMICK: The Staff w

MR. REMICK: The Staff was at fault, but I think the Commission knows that there is a regulation there and certainly knew that it wasn't being followed and certainly doesn't follow it all the time by itself.

MR. TOURTELLOTTE: As a matter of fact, we discuss reform and they know backfit is one of the issues, and the Commission itself will impose a classic backfit and never make an analysis.

MR. LEWIS: No. In fact, the Commission, I think, deserves not just part but all the blame for the --

MR. REMICK: They are responsible, sure.

MR. LEWIS: It is responsible for this agency. But the thing that is troubling me, Jim, is that I can see this developing into a requirement for the generation of more paper before what would have been done is done anyway. I am trying to get away from the pro forma handling of these requirements and sort of groping -- again using that word -- for what it is, other than sensitization to the fact that the Commission really wants them to go more rationally on backfitting, that will be done differently.

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MR. TOURTELLOTTE: I wish I could tell you that this exercise was not going to generate more people, but it is. And I wish I could tell you that there is a way to do it without generating more people but I do not believe there is. It is one of those unfortunate things where you know perhaps if people had done the right thing to begin with, we would not be discussing this and there would not be any need for reform.

As I indicated, too, the regulation, if it were, say, properly understood in the philosophical sense, and if people had been interested in seeing that its intent was met all these years, then the instances where there would have been abuse of the system would have been very, very small, and we probably wouldn't be talking about it as a rule change. We'd be talking about it in terms of some kind of staff discipline on an individual basis. But that isn't the way it's happened, and we're at a different juncture now.

MR. REMICK: There is one advantage of either putting out a policy statement or a requirements memo, and that is it puts the Commission on record of what it hopes and wants the Staff to do; and I think this, hopefully, will build up the backbone of Applicants and Licensees to apppeal cases that they differ with the Staff.

From that standpoint, I think a policy statement is perhaps better because it gets the wider distribution, but I don't think it matters whether it's a policy statement or a

sc 1 1 requirements memo; but the policy statement does get that broader conception that it's a policy change or something 3 like that. MR. TOURTELLOTTE: I think that's -- that was 5 my position, and it was the position shared by Commissioners Roberts and Palladino. But the thing split, and the Chairman wanted to just get it out and do something. So in any 8 event, had Commissioner Gilinsky been there he probably would have voted the other way anyway. 10 MR. REMICK: Is one of the reasons to go the 11 requirements memo route is the fact that quite often with 12 policy statements it's not a requirement to go out for public commenton a policy statement, although I don't 13 14 thin! it's mandatory. Was that part of the discussion, 15 the fact that you could get something out quicker as a 16 requirements memo? 17 MR. TOURTELLOTTE: No my understanding was that 18 it just really wasn't important. MR. LEWIS: What is the status of it now? 19 20 MR. TOURTELLOTTE: We're trying to work it out with the Staff. My guess is if the Staff wants to limit 21 the Staff requirements memo, which I find a little peculiar, 22 the Staff making a recommendation as to what they should 23

be required to do, nevertheless, I have learned that this

isn't an ordinary management structure, so --

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MR. LEWIS: Thank god.

MR. TOURTELLOTTE: Nevertheless, if they insist on only applying it to operating licenses, then what we'll probably do is give it to the Commission and note the difference of opinion and let the Commission decide what they want to do.

MR. LEWIS: Well, I'm just having trouble understanding so many things this morning. I'm having trouble understanding why the Staff believes that there's a distinction in their ability to implement this for operating licenses and new plants.

Isn't it the same procedure that will be used, the same bullets, the same criteria?

MR. TOURTELLOTTE: I think their problem is that they don't have a clear picture of what a new requirement is.

MR. LEWIS: I see.

MR. TOURTELLOTTE: If they have a developing code, for instance, is that a backfit or is that a change. And they have used a rationale, which in my view is a copout, for years to get around the backfit rule; and they have used it so long that I think they really believe it.

MR. LEWIS: I see.

MR. TOURTELLOTTE: And that is that this is not a requirement -- this is not a new requirement. This is a requirement to meet the regulations. The regulations have always been there, and this requirement is simply to meet the regulations.

Now, why would I say that's a copout? We'll try a little logic if we can. If they say it's to meet the regulations, they're talking about all the regulations. If the backfit rule is a regulation, that's one of the regulations it has to meet. And if it has to meet that one regulation, then they're required to analyze it before they impose it, and so they can't say that -- they can't -- to determine whether it is a backfit or not. And so it is a new requirement to meet some part of the regulations.

Our regulations say that when you have a requirement like that and it involves an alteration, a modification of system, structure or component, you have to analyze it and demonstrate that it is going to provide a substantial additional protection.

Our regulations say that, but what they're saying is it's a requirement that is necessary to meet the regulations, all except 50.109, which we don't have to look at because it's necessary to meet the other parts of the regulations.

MR. LEWIS: Since you're talking logic, you're

coming perilously close to some of the classic logical dilemmas having to do with the set of all sets which have the property that the set itself is not a member of that set, Lord Russell's original paradoxes that led to some of the great logical progress in our time. Very subtle stuff. We shouldn't deal with that in this building.

MR. TOURTELLOTTE: I fear that it's so subtle that it's plum evaded some of the Staff.

(Laughter.)

MR. REMICK: Isn't it that the Staff has trouble because -- if it were a standardized plant they probably would have no difference in the amount of trouble between doing it for an OL or CP. This is a case now where the design is ongoing after the CP, and decisions are being made, and the question is whether that decision leads to a piece of equipment, whether that's backfit or that's -- or, you know, a requirement to meet the regulations.

I can see under the current policy where design and construction is going on after the issuance of a CP that they will have a difficult time saying is that a backfit or is that what we would normally have required. I can see the difficulty, but I'm not saying that they should therefore not to do it, because the rules say they should do it after the CP. But I can understand their difficulty, at least I think I can.

MR. TOURTELLGTTE: Well, you know, another misconception that not only the Staff has, but I think several members of the Commission have, is that the design as it develops or because -- the design is only developed to 20, 30 percent that a CP issues. Actually, within a year of the CP, 85 to 90 percent of the design is determined by reason of the design decisions that have been made at that point.

It may be that the actual specification of the pump and that sort of thing are not yet written down, but they have been determined; and that, I think, is one of the things that poses a problem in terms of the actual implementation of the design and the regulation of that implementation.

MR. LEWIS: Many of the safety issues aren't resolved then until that final specification is really made, and the rules for lubricating linkages and so forth are really written down. So whereas the design may be determined, it still isn't complete. And there are a whole class of other issues that are certainly --

I guess that I'm also -- let me try you out on another issue, the question of meeting the regulations. One of the problems that I guess that I noticed cropping up from time to time around here is failure to appreciate the difference between meeting the regulations and making nuclear power safe. And adherence to the regulations is a way, but there is more to that than safety; and I guess I have in mind a classic

ment in which an alleged analysis was done on a plant requirement in which one of the officials in the same agency was asked whether they'd considered the decrease in safety that would be occasioned by removing this particular item from the plant, and the answer was there was no decrease because they hadn't been allowed to take credit for that part of the original licensing anyway. And that's a misunderstanding of the difference.

So I guess I continue somewhat troubled by the problem of turning the Staff loose to make the analyses that are contained in these bullets, although these are all good things, and somehow assuring that there's reasonable quality to these analyses; that is, that they're taken seriously. And if the Staff resists them, of course they will generate paper and not be taken seriously; and in the end it becomes, as has been said several times, a genuine management problem; that is is the Commission going to take this agency in hand and make it a safety agency.

MR. TOURTELLOTTE: That is one of the things that
I've tried to make a point of every time I've had occasion to
speak about this, and that is that all of these rules mean
nothing if you don't have a management that is really interested in carrying out the rules and the overall general purpose
of the agency itself, which is protection of public health
and safety, and the other things that are set out by the

statute relative to what is inimical to the common defense and security.

MR. LEWIS: But, of course, that language dates back from the time when it was the AEC, and the AEC, of course, had a much larger role in the common defense and security than NRC does now. So in a certain sense I think that's vestigial language, and the mission of this agency is really -- its principal mission is the public health and safety.

MR. TOURTELLOTTE: Well, I don't doubt but what it's the principal interest is the protection of public health and safety. I don't believe, though, that we have a tunnelized directive. I think that you have to consider the natural consequences of everything that you do, and I cannot believe, for instance, that we should make decisions that are not in the national interest.

MR. LEWIS: I, please, never suggested that. I just am trying to -- you know, you mentioned whenever you talk about these things. I always tried to emphasize the primary mission of public health and safety in this agency, because it's too easy to diffuse that objective around here.

MR. TOURTELLOTTE: Well, I've always, you know, everything that anybody ever does they do in the name of the public health and safety, you know, whether it's safe or not.

MR. LEWIS: Well, you know, I read something a month

or two ago, and I simply don't remember what the specific issue was, but it was a Staff document which had a title that said that on this particular thing they were going to as required consider the costs and benefits of this proposed change. And I simply don't remember what the change was, and I eagerly thumbed through to that section in the report, and I found that it stated that the benefits were that this would enhance the public health and safety, and the costs were that it would cost the utility \$462,000, period, end of discussion.

And I'm trying to grope for -- that's the third time
I've used that word -- for why it won't go on like that when
this new paper is generated.

MR. TOURTELLOTTE: Well, I've no guarantee that it won't, and we can only hope that all of the discussion that takes place and perhaps some of the directives will create a new and different atmosphere on how they're going to approach this difficult stuff.

MR. REMICK: What kind of a timetable are you on the draft of the regulatory requirements memo?

MR. TOURTELLOTTE: Oh, last Friday, last Friday.

The real problem that I have -- I mean we came up with it in about a day, and our primary difficulty is that the Staff took a while, and as of yesterday afternoon they are now going to circulate it to all their major office directors before they approve it; so I don't know whether we'll get it

1 out this week or not. MR. LEWIS: They want to circulate it regionally, too? MR. TOURTELLOTTE: It could be that they'll send it to the IAEA. MR. LEWIS: I see. It'll make everything much more efficient. MR. REMICK: Marv, I assume we'll get a copy as 8 soon as it's available to the Commission offices. 10 MR. GASKE: (Nods affirmatively.) MR. TOURTELLOTTE: I'm hoping that we'll be able 11 to get it out this week, but I'm not sure. If we don't get 12 it out this week, it'll probably be the week -- another week 13 after that. I'll be gone all the following week. I perhaps 14 15 can do it over the phone. MR. REMICK: Then you're going to start on the 16 17 proposed rule change? MR. TOURTELLOTTE: Yes. We have -- I got into a 18 brief discussion of the proposed rule change with the Commis-19 sion on the first, and we're going to take that up again on 20 tne 31st. 21 The chief disagreement that exists between the Staff 22 and the task force -- and I use the term "task force" advisedly, 23 because I don't like to speak for all the members. So if I 24 use the first person, it's because I feel more comfortable

speaking for myself.

The chief problem we have is that the Staff does not believe that the new Section 2.810 should go into effect insofar as rulemaking is concerned. They don't have any problem with the standards that are set out there being incorporated into 50.109, but they don't want them to be applied to rulemaking.

And my view is that a new requirement is a new requirement, no matter whether you impose it by rule or whether you impose it by a bulletin and an order of whatever it is. And if we have a new requirement on a plant or for a group of plants, we should have a fairly substantial analysis of the implications of that requirement, in any event.

I use again for my logic that if you accept, as the Staff seems to accept, that imposition of a backfit can have safety implications which are, a) positive, b) neutral, or c) negative, the only way that you can determine whether it has one or the other effect is through analysis. And we should not be excused from making an analysis simply because we're putting something out for rulemaking. If we do that, we are leaving open the question of whether it is positive, whether it is neutral or whether it is negative in safety effect.

And while we can afford, we can afford as an agency in following our mandate to leave open the first two questions, we cannot leave open the third question as to whether it has a

negative implication or not, and therefore, we have to have the analysis, and that's why I believe very strongly that rulemaking should undergo the same kind of analysis or a similar kind of analysis to determine what the effects are.

MR. LEWIS: I'm glad to hear you speak of the possible negative effects of change, because there is the pithy old engineering saying "If it ain't broke, don't fix it. And many -- there is a lot of wisdom, as there is in all old pithy sayings, and there are a number of cases in which changes have had negative effects.

For example, I believe that the major accident at Crystal River 3 was caused by this agency because of a requirement that a subcooling margin meter device be installed, and as it turned out, it was installed improperly and shorted out the control system at that plant. And the Commission I guess takes the position that well, heck if you order people to do things, you have a right to expect them to do it well, but, of course, there's always a probability that it will not be done well. And this happens, you know, fairly often in the real world. So that is an important consideration, but it is a very hard one to quantify.

I read in some piece of paper that crossed my

desk in the few days I've been home since I was last in

this building, that the circuitbreakers at Salem had been

overhauled the previous month. I don't know if that's true

or not, but I found that in one piece of paper, and it was very interesting if they were because this might well be in the same ballpark -- too frequent overhauls are a bad thing, too.

MR. TOURTELLOTTE: Well, along those same lines, one of the arguments that I've advanced in association with backfit is also related to the -- I don't know if it's an engineering principle or not, but it's certainly a logical principle -- and that is, any time that you add anything to a machine, it makes it more difficult to operate to maintain, and that's one thing. And the other thing is there are more things that can go wrong with it.

MR. LEWIS: Absolutely.

MR. TOURTELLOTTE: So given that, and that operation and maintenance is an important part of safety, and that things going wrong with something are an important part of safety, then I think we ought to be very careful about what it is that we require as an addition to something that we have already said is a safe machine.

MR. LEWIS: We who fly single engine airplanes always say that the problem with twin engine airplanes is that you have twice the chance of an engine failing.

(Laughter.)

MR. REMICK: Jim, I'm not sure I understand the Staff's concern with 2.810. Is there concern that that

1	would codify the factors that are to be included in the
2	analysis? Is that your concern? Or that you would require
3	analysis for proposed rulemaking? I'm not quite sure I
4	understand that.
5	MR. TOURTELLOTTE: I think their problem is that
6	they don't believe they can do it because they believe it would
7	require an analysis of every plant for a rule. In other words,
8	before you passed the rule you would have to analyze each
9	plan on an individual basis.
10	MR. REMICK: So they're not in favor of doing
11	analysis for a proposed rule, is that your concern?
12	MR. TOURTELLOTTE: Right.
13	MR. REMICK: And it has nothing to do with the
14	set of factors that are identified necessarily, or have they
15	been defining those?
16	MR. TOURTELLOTTE: No. The set of factors for
17	a specific plant, the fact that 50.109, they would take those
18	factors and move them into 50.109. They'll accept that.
19	MR. REMICK: That I can understand, okay.
20	MR. TOURTELLOTTE: But their real problem is in
21	order to pass a rule, we have to go out and analyze the
22	effect of this rule on 76 plants.
23	MR. REMICK: Yes.
24	MR. TOURTELLOTTE: Now, my answer to that is no,

I don't think so. I think you can make a generic analysis,

and if indeed somebody doesn't agree with your generic analysis, somebody sitting out there, we have 2.758 which says they can come in and say that the rule doesn't apply to them and show why it doesn't apply. But we should at least make the initial effort to determine on a generic basis what the effect of the backfit is across the board.

We have a few of my associates who are pedanticists, and they say that like, for instance, take item number 6, the potential impact of the differences of facility-type design or age on the relevancy and practicality of the proposed backfit. They say well, you couldn't possibly do that unless you go out and look at every plant, because how are you going to know the age of the plant.

The answer to that is you make a determination about once you know what the backfit is, you have some idea of what the cost and the benefits of it are, you know how long it's going to take to implement it. It's obvious, for instance, if it takes five years to implement it, that you don't have to apply this to plants that only have five years left on their license. I mean it would be a ridiculous thing to ask somebody to add something to their plant that is not going to be completed until after the plant is no longer operational.

When you get to plants perhaps with ten years of life left on their license, then you get into a little more

difficult situation. But perhaps, depending on the amount of expenditure, it's not that difficult either. I mean you'd have to consider those. But you can categorize plants by age just as you can categorize them for other purposes.

MR. LEWIS: It's probably a mistake to take it as gospel that when a plant reaches the end of life it will no longer be operational, because I'm personally convinced people do take much more interest in annealing pressure vessels in place as more plants come near the end of their life as compared with the cost of a new plant or other means of making the same electricity.

So it's not beyond the realm of possibility that all the plants out there will go on for a long, long time.

MR. TOURTELLOTTE: I think a number of them will, too, but, however, you do have the caveat that if they are going to get an extension of license, then you can require that backfit that you did not require because you thought it was going to expire.

I'm talking about the potential impact of differences in design as well. I mean you're going to be looking at every facet of -- you have to look at every facet of the design.

Now, that's not what that's intended to do. It's just that, you know, maybe you don't want to do the same thing for HTGRs that you do for BWRs or whatever the -- you know,

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1 a broad kind of a design classification is, it doesn't mean that you have to look at the specifics of each plant design and go through point by point. 4 MR. REMICK: Jim, I had an editorial question consistent with apparently what Staff has said. But I wondered why these six factors weren't in 51.109 rather than 2.810, and 7 then if one was going to have them apply to rulemaking, it just makes a statement that the factors in 51.109 should be used in an analysis if you had a proposed rulemaking. 10 It was just an editorial question, and I thought 11 why was it put here rather than 51.109. 12 MR. TOURTELLOTTE: Well, we've done it. We've put 13 it in 2.180 and cross-referenced it to 51.109. It could have 14 been done exactly the opposite way. 15 MR. REMICK: To me logically it should be the other 16 way. It's a trivial point, but I thought maybe there was 17 something I was missing on why it was done that way. 18 MR. TOURTELLOTTE: 51.109 was already along the 19 way it was. 2.180 wasn't. 20 MR. LEWIS: Since you had backfitting out of your 21 hair as of last Friday, what is the schedule for the rest 22 of the administrative package? What is happening? 23 MR. TOURTELLOTTE: Well, backfitting is not out of

MR. LEWIS: I know that.

my hair because we're --

MR. TOURTELLOTTE: Because we've got that on the 2 31st as well. MR. REMICK: On the 31st are you just going to discuss in general again, or are you going to have a package before the Commission as a proposal for a proposed rule? MR. TOURTELLOTTE: This is the rule. We'll be taking up the rule on the 31st. MR. REMICK: Oh, okay. MR. GASKE: Jim, could you go through the situation 10 where the Licensee wishes to make a change, particularly when 11 the Staff agrees that it's a worthwhile change as far as 12 backfitting is concerned? 13 MR. TOURTELLOTTE: Well, nothing in this prohibits 14 the Licensee from doing voluntary backfits, and what they 15 would have to do is essentially provide their own analysis of 16 why they want to backfit. They usually don't do that unless 17 it somehow improves their operation or some -- and, of course, 18 operation is a broad thing. They're concerned about safety, 19 too, because they've got an investment. 20 MR. GASKE: But even if the Staff agrees it's a 21 good thing, they still have to make the analysis. 22 MR. TOURTELLOTTE: Oh, yes. For the same reasons. 23 We can't afford to allow Licensee to take an action which alters something as system, component, procedures, organiza-25

tion, whatever fits in the definition of backfit, if it could

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have a negative safety implication.

MR. GASKE: But it seems like if it's his money, if he wants to do something good, then cost-benefit criteria don't seem like they should be applied.

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MR. TOURTELLOTTE: Well, cost benefit, incidentally, does not come into play under this rule or, in my view, under any rule except where fundamental safety is no longer in question. Fundamental safety has to be there, and it doesn't make any difference what it costs to get there. If you can't get there economically, then you shouldn't build the plant or operate it. But once everybody agrees that there is an acceptable level of safety, it seems to me that that, in and of itself, makes it necessary to consider very carefully whether you want to change that machine or not.

And one of the factors that you might reasonably consider, although there is no mandate to consider it under the statute, -- neither is their prohibition to considering it -- you should consider what the economic costs are.

MR. REMICK: You say acceptable level of safety.

Is that synonomous with acceptable level of risk to the public?

MR. TOURTELLOTTE: Again, I don't think that you have to quantify it. All you have to do is agree that this plant is a safe plant. I mean we've got 76 of them out there and we've never had a PRA for any of them, to get them licensed. Now, some of them are doing PRAs now, and I guess some of them have PRAs. But it wasn't necessary for us to make a determination initially as to whether they were safe or not.

MR. LEWIS: Well, a determination was made, in your words, that they were adequately safe and they had an adequate

judgment.

1 level of safety. I'm not sure what you mean by fundamental safety, but that's another matter. But as you know, I think 3 it would be a terrible mistake to go to a point at which had explicit criteria, bottom line criteria, quantitatively stated for what the required safety level is. I agree that the adequate level of safety is determined by acceptance within the social structure. MR. TOURTELLOTTE: I agree with what you're saying. I was going to add that one of the other problems I always seem 10 to run up against is the problem with logic. But what a lot of people fail to appreciate is that 11 any quantification or any quantification system that you come 12 up with ultimately premised on judgment. Quantification does 13 not have any kind of divine inspiration. It is simply taking 14 15 numbers and assigning numbers to some judgment that you've made. And so in my view, it doesn't make any difference whether you 16 use numbers that speak in another language about what the 17 judgment is that has been made, or whether you just make the 18 judgment in words. It's the same thing. 19 MR. LEWIS: Then we will not put you in charge of 20 designing a rocket that will go to the moon. 21 (Laughter.) 22 MR. TOURTELLOTTE: Well, I'm not saying that numbers 23 are not valuable, but numbers are just another language for 24

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MR. LEWIS: Oh, absolutely. The thing that we're looking for is analysis, not necessarily numbers. And analysis can be done in many languages. It so happens that numbers are far and away the best language to do analysis of technical things. MR. TOURTELLOTTE: It's a way of getting a common understanding I think among scientists and technologists about what they are doing and how they're proceeding. MR. LEWIS: It's really much more than that. But we're off the subject here, although that's an interesting conversation. But what about the rest of the package? What's the schedule on that? MR. TOURTELLOTTE: On April 14th, we're going to take up the ex parte separation of functions rule and revising the role of staff as a party. MR. LEWIS: Take it up with the Commission, you mean? MR. TOURTELLOTTE: Yes. Now, revising the role of the staff as a party means the proposal has been made. It really means that the staff generally will not be a party to the proceedings and will do so only while in the exercise of their discretion to participate as a party. The reason for that is that -- mostly, I think it

is associated with perception problems about the role of the

staff as an adversary both to intervenors and to licensees, and also because sometimes we are not regarded as being an adversary of the licensee because we've already settled all of our differences before we get to the hearing. And most licensees do not want to take the staff on in a hearing, so they make all of their adjustments, they give in before we ever get there so that when we go to the hearing it appears as though the staff and the licensee are against the intervening group.

Which is partially true, but then, of course, the intervenors are there because they have stated as a contention that the licensee has not done its job on safety and the staff has not done its job on safety, and it is very difficult for the staff to remain neutral when they're under attack.

So, that's probably the primary reason. Now another reason for revising the role of staff as a party is if they are no longer parties in the case, then they can converse more freely with the commissioners. The ex parte rule would not be applying to them with the degree of severity that it has in the past.

Now along these same lines, then, we're also talking about changing the rules on ex parte separation of functions, and there are two proposals. One proposal is just a slight loosening up of the current policy in allowing people who are in supervisory positions to make communications with the Commission.

The other one purports to take advantage of a rule under the Administrative Procedures Act that says in initial licensing cases -- which is all we're talking about here -- that the separation of functions rule does not apply. And so it's almost guoted from the APA that that is the case

Now, in what has to be regarded as supreme legal effort to find problems, the most common criticism of this is that the section on separation of functions applies to communications between the staff and the Commission. The section of the APA on ex parte communications talks about communications between the decisionmakers of the agency and anybody outside the agency. So those are communications external.

While the separation of functions section has an exemption for initial licensing cases, the ex parte section has no such limitation. Therefore, my colleagues in the General Counsel's office say if you have the exception to the separation of functions rule and the staff communicates with the Commission, they can no longer -- since the Commission is a decision-making body, they become a part of that decision-making process and they can no longer communicate with the licensees.

That means the licensee would have to come in and process his application without ever talking to the staff.

Not likely. And my argument against that is that it is

contrary to ordinary statutory interpretation which is that statutes which are passed are not interpreted in such a way as to negate each other. That is, it is not generally considered that Congress would pass a law giving you with one hand and taking away with the other. And I don't know how that will turn out, but my guess is not very well.

MR. LEWIS: I, being not of a legal bent, I guess in both senses of the word "bent", I have trouble understanding why it's in the interest of safety to inhibit any communication. If I were Emperor, I would think that the Nuclear Regulatory Commission is responsible for insuring an adequate level of safety for a nuclear plant, and they ought to do it by getting their hands on all relevant information from the staff, from the licensee or prospective licensees, from the people on the street, from the intervenors, from thee and me, and in their inifinite wisdom, put this whole collection of information together and decide whether the plant is adequately safe.

And I have trouble understanding any element of law that says that if you have less information you can do the job better, and that's inherent in all of these things we're talking about.

MR. TOURTELLOTTE: Well, I understand what you're saying, and I at least agree with where you're going in this case for initial -- for licensing situations involving public health and safety.

I'll tell you what the reasoning behind it is, the advocation of the ex parte rule, is to keep people from affecting the judge. It's sort of like if you were in another situation, didn't involve this situation, but if you were in another situation where you had a regulatory agency, you have the three parts of government which are melded into one, and you have also the three parts of the justice system, which are melded into one. That is, the investigatory, the prosecution and the judgment are all in one person.

Now, the reason they have the separation of functions rule -- had the separation of functions rule -- originally was to make sure that somebody within an agency did not investigate, decide to prosecute and also decide to judge somebody who's sitting on the outside.

MR. LEWIS: Well, I understand that.

MR.TOURTELLOTTE: But, they also said but for licenses that shouldn't apply because we're not talking about whether a rate, a certain rate is given here or anything -- we're talking about the issuance of a license. It is a permit that is granted by the government to do something. It is a privilege and, therefore, the separation of functions shouldn't apply.

But also understand that in the history of things, you're basically talking about the agency and one party who applies. Where you really get into problems here is because we've got intervenors in this kind of a group today, which is

different from the way things were going in 1946. There weren't a whole of intervenors when the APA was passed.

Because in any eyent, the person who has the right to complain about ex parte communications should be the guy who is the subject of the licensing action, who is the licensee. And they don't care, generally. They don't care about that kind of communication. Intervenors do care, and it's for that reason that we have a different situation and a different problem.

MR. LEWIS: Well, I understand what you are saying,
I really do. My problem is I am an ordinary, mediocre
physicist and, therefore, I understand that all these things
are guaranteed, are in place to essentially guarantee fairness
in the process, the term whispering to the judge and that sort
of thing, and the structure is designed to guarantee fairness.

Fairness is a good thing, obviously, but there is also a public interest in the quality of the results, and sometimes the strictures that are necessary to insure fairness, which are all these things about separation of powers, the not being investigator and so forth, may be antithetical to the quality of the results. And one is making a trade there; whereas, I don't believe that anyone should whisper inthe ear of the judge without the judge making a memo or telling the other parties that, indeed, he has had a conversation with so-and-so who said such-and-such. I still think that the

quality of the result, as distinguished from the fairness or perceived fairness, which is probably just as important in the process, is also a matter of public interest, and if quality is enhanced, the more information you have. We make very many mistakes in life, but we make few of them because we knew too much, and I am worried that that value isn't as stridently protected as the value of fairness.

MR. TOURTELLOTTE: It isn't even considered. It's not a matter of whether it's stridently protected; it isn't even considered.

MR. LEWIS: Well, that's what troubles me.

MR. REMICK: But it still can be accomplished. One, we're talking about this exclusion only being in cases that are being litigated, while other matters, the Commission is free to talk to the staff.

The other thing is, if the Commission wishes to talk to the staff it can do that. It just has to let the other parties know and give them the opportunity to be there. So there are ways around it. It makes it more difficult, but there are ways around it.

I'm not defending it. I agree, I think something -I'm in favor of some change in ex parte and a separation of
functions that would enable it.

However, there's one thing you haven't mentioned and I think there is a compelling argument on whether there is an

exemption for separation of functions if the initial licensing process is litigated. You haven't addressed that, and it seems 3 to me that that is a compelling argument that should be considered. Is there truly an exception in initial licensing -MR. TOURTELLOTTE: It doesn't make any difference whether it's litigated or not. If the --MR. REMICK: Aren't there many people who disagree with that? MR. TOURTELLOTTE: The exemption is in the section on adjudications in the APA. It's made in two or three 10 11 different places in the APA; the distinction is made there. And the --12 MR. REMICK: So you don't think that's a good 13 14 argument at all. MR. TOURTELLOTTE: The legislative history suggests 15 16 that the reason for it is that initial licensing is more like rulemaking because of its generic application. And that 17 was the argument that was made by people on the floor. That's 18 all the legislative history says about it. 19 And my honest analysis of what has gone on, it has 20 to do with more than this. But back before the APA was 21 written in 1946, it started out in the thirties, and Roosevelt, 22 because there had been a lot of activity in administrative 23 agencies, he ordered this study by the Attorney General. The 24

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Attorney General did a study. The American Bar Association

took up a study. The American Bar Association came out with a proposed bill which was very adjudicatory in nature. And Roosevelt vetoed that bill. And the ABA was very much in favor of having stiff adjudicatory procedures, and then after Roosevelt vetoed that, then another bill came out which was sort of a product of the Attorney General's report of 1941 and some work that had been done after the war on it, and it finally got through Congress in 1946.

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Maybe my fellow lawyers don't like to hear this, but I think what has happened through the years is that the lawyers won out. They wanted adjudicatory procedures to be used, and every device and every mechanism that could be used to subvert the APA as it was originally written and intended to be carried out, has been used by lawyers who are actually in practice to change the direction of the APA, to one which would be commensurate with what the profession thought it should be initially. So we are in a position where we want to adjudicate everything, even though it's not suitable for adjudication.

MR. REMICK: That really doesn't have any direct bearing on separation of function, though, exemption, does it? Whether it's adjudicated.

MR. TOURTELLOTTE: Certainly it does. The initial licensing exemption has never been used by any agency since it's been in effect. And why has it not been used by any agency?

It hasn't been used because every lawyer who wants adjudicatory procedures throws up the ghost of due process.

MR. REMICK: So you're saying that there are people who feel strongly, though, that if it's litigated the exemption doesn't apply. That was my original point. I thought there was a difference among legal people. How does the General Counsel's office come out on that one? Do they agree with you or not? I honestly don't know.

MR. TOURTELLOTTE: I think -- the General Counsel's office I think is probably resigned to the fact that the legislative history is what it is. What is in there is in there. The fact is that nobody who is a lawyer has ever suggested to the Commission that this is something that they could take advantage of, because nobody particularly ever wanted to do that. And what the General Counsel's office has come out with is the Catch-22 that I mentioned. That is, if you take advantage of the separation of functions exemption, you're caught by the ex parte rule. So you can't do it. And as far as the argument goes that Congress wouldn't pass mutually exclusive sections of the legislation, they ignore it.

MR. REMICK: But am I correct that --

MR. TOURTELLOTTE: That was with the old general counsel; I don't know about the new one.

MR. REMICK: When you say general counsel, are

you referring to Crane and Winner? Is that their position or is there a separate general counsel position on that?

MR. TOURTELLOTTE: No, I'm talking about the general counsel's office. And I said that was with the old general counsel, but I'm sure that's the way Marty Malsh feels and most of the people down there.

You know, we've got a bunch of adjudica files in the agency and they used to think the only way to handle any dispute that exists between men is to go to court, and I don't believe that. I'm a trial lawyer, and for that matter I've had more trial experience than anybody in the agency, either here or outside, and I love to go to court. But I don't believe that's the only way to resolve disputes between people, and not only that, I think it's probably thepoorest way to resolve disputes.

And the administrative process was created in the first place because Congress believed that the courts were not a good way to handle administrative affiars. And somehow through the years we've managed to work everything back around where okay, we can't go to the courts but we're going to create our own courts. Everything is just like a court. We fashion our rules of procedure after the Federal Rules of Civil Procedure. Everything is judicial, everything is the way that lawyers understand best. It's pragmatic.

MR. LEWIS: That was an eloquent speech and very

interesting. In the course of it you said that no agency had ever taken advantage of the initial licensing.

MR. TOURTELLOTTE: None to my knowledge.

MR. LEWIS: Including all regulatory agencies.

MR. TOURTELLOTTE: Correct.

MR. LEWIS: Is it your feeling that other regulatory agencies -- maybe this isn't a proper question -- are as infested by the legal process as this agency is? I get the impression that there's more latitude in the Act than has been utilized in this agency.

MR. TOURTELLOTTE: No. There's some validity to what you say. I think our agency has been sort of under the yoke of extremely pedantic legal interpretation for years. The limitations that it has placed upon the way that we do things is I think probably significant.

And there is a mentality which exists in the terms of legal policy, which has a devastating effect on our effectiveness as a regulatory agency, and that is that the policy is that -- spoken or unspoken -- that we don't run any legal risks. You run zero legal risk, and the few times that we've run a legal risk we've won hands down. That's because we are so far inside the margins of legal risk that we have very little chance of being patted down.

Now, the times that we have lost, really lost -- and
I'm talking about the Supreme Court; you have to rule out the

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D.C. Court that has its own -- they don't even have their own drummer. They have their own drum. And they change the rhythm at will. But the only time that we really lost is when the Commission has insisted on pursuing a particular course of action without regard to what the legal consequences are.

And we really haven't lost all that much. If you examine all the cases, we haven't lost -- . But you see, in terms of making a large public policy and in terms of implementing it on a day-to-day basis, the world picture of public policy, you simply can't afford to approach it from a no risk standpoint I mean, life is full of risk, and every -- I mean, we don't even have a zero risk mentality in administering safety. But there is a mentality which is actually associated largely with the Department of Justice. The Department of Justice doesn't like to lose a case, and the nice thing about the Department of Justice is they've got so many thousands of cases, they can afford to just summarily not prosecute all those cases that they might lose, so that they have -- everybody who is in the Department of Justice has a 98 percent record. They've got a 98 percent record because, you know, they catch most people redhanded. And anybody where there's a risk, they're just not even going to prosecute them.

And that kind of mentality has permeated our agency for years and years. In my view -- this is all personal opinion. I'm not speaking for anybody but me.

MR. LEWIS: The analogue of that is -- in part of my other life I helped design military systems, and people always ask for warning systems that have absolutely no possibility of giving a false alarm, and the best way to design such systems is when they never detect anything, and it's a fairly close analogy to this.

This state of mind which permeates the agency -- and, of course, we all see it -- I'm not quite clear where it comes from, to what extent it's tradition, to what extent it's the staff or the office directors or the commissioners, and I don't particularly want to lay blame. Is there any possibility of moving toward a riskier position through the administrative reform package?

MR. TOURTELLOTTE: No.

MR. LEWIS: None. Thank you. That's a succinct answer.

MR. TOURTELLOTTE: It's a management problem, and it's -- you know, you're talking about people are here who have been here for years, and this is the way they operate, and they're accustomed to operating that way. From a managerial standpoint, I think if there were someone who really understood that to be a problem, they could say look, it may be that there is a risk involved here, but what are the consequences of the risk? The consequences are okay, we may lose on this issue,

we may even lose to the Supreme Court. But do we have a

legitimate social end that we're trying to achive.

If we have a legitimate social end, and we can't get Congress to do anything about it, let's let the courts tell us that we can't achieve it, and then we can go to Congress and say the courts say we can't do this, and we really have an overwhelming need in the interest of public health and safety to do this. So if you want us to do what you say we're supposed to do, you've got to give us these additional approaches through legislation or something.

I can give you an example. When I was at the Federal Power Commission several years ago, NEPA came about, passed the National Environmental Policy Act, and I drafted the regulations for NEPA. And as I drafted the regulations, I did it very straightforwardly and the way that I thought it should be done in order to accomplish what had to be accomplished.

I took them in and they wanted to change them in certain respects, and one of the things they wanted to change was to require that anybody who is an applicant is the one who would do the environmental impact statement. I said that isn't what the law says and you can't do that. They said we understand that, but Congress has not given us anything in our budget.



MR. TOURTELLOTTE: We get hauled into court in what is now known as the Green County case, a famous early case along with Calvert Cliffs. The courts say you can't do that and they sent it back and then I took the old regulations and forwarded them and then they passed the new regulations. But we go to Congress and say, look, they say we can't do that, we don't have the people, we tried, and you have got to do something.

Congress authorized another 100 people or so, whatever it was, to accomplish that purpose. But the worst thing in the world is not to lose the case. Losing the case is not the end, and a lot of people just don't understand that.

MR. LEWIS: I won't tell you the James Thurber fable, but there is a fable whose moral is never lean over too far backward to avoid falling flat on your face. It's a good fable to read.

(Laughter)

MR. REMICK: Jim, two members of the Task Force apparently differ on the ex parte, at least two members of the Task Force, on the ex parte in separation of function, and have drafted a separate version which seems very simple and straightforward. Will the Commission discuss that on the 30th, 31st? Is that up as an option to them?

MR. TOURTELLOTTE: As far as I know, it is.

MR. REMICK: They have gotten a copy of that. But

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you don't know if they plan to discuss that. MR. TOURTELLOTTE: I don't know. I would imagine they would. They have a different legal philosophy than I do, and their legal philosophy is tied up in what I call due process-itis: that is, that everything is a due process problem. I don't think everything is a due process problem, but certainly --MR. REMICK: This seems to be accomplishing very much what one of your options was but it was just written 10 differently, and very concisely, I thought. 11 MR. TOURTELLOTTE: Yes. MR. REMICK: Doesn't it accomplish one of -- I would 12 say Option A, I guess, of yours. Doesn't it accomplish the 13 same thing? 14 15 MR. TOURTELLOTTE: Well, fundamentally Option A is Cy Winter's option. I don't recall specifically what theirs 16 was right now, or what the difference between that and this 17 other option was. I went in originally with five options, and 18 it was decided, I think in your advisory group or something, to 19 narrow it down to two options, and those were the two options 20 that we picked. MR. LEWIS: I thought you were finished. You were in 22 midsentence and I didn't recognize it. Forgive me. In the 23

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of things that we have talked about, we have talked about

backfitting, ex parte and that sort of thing, the hearing

1 process was also on your list. What is the schedule for doing something on that? MR. TOURTELLOTTE: I have no time specified on the 4 hearing process. I would guess that it would come up either a couple of weeks after the ex parte separation function, the role of the Staff discussion, which would put it around the 7 1st of May. 8 MR. LEWIS: First of May? Could you remind me what the specific proposals are or should we read them? 10 MR. TOURTELLOTTE: The proposals are rather numerous. 11 There are about 25 different --12 MR. LEWIS: Oh. Well, then don't. 13 MR. REMICK: I think Paulette did a good job of 14 summarizing those. 15 MR. LEWIS: I know she did. I just --16 MR. TOURTELLOTTE: The important thing about the 17 hearing process to understand, I think, is that we try to 18 address what I perceive to be the real problem of the hearing process, and that is the quality of the process. Too often in 19 20 the past people have mistaken effect for cause because the time involved always seemed to be a great amount of time. Time 21 was perceived to be a problem. 22 Time is not the problem. Time is a function of the 23 process and is not the process itself, and if you improve the 24

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quality of the process, then time will take care of itself. To

improve the quality of the process, we really aimed at three different areas. One is what kind of issues will initiate a proceeding in the first place. What kind of a threshold, what kind of quality do we have to have for an issue to initiate a proceeding. The second is what are the things that go on within the hearing process itself that perhaps could be changed to improve the quality. And thirdly, what goes on in the decision-making process that could improve the quality of the process.

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In the first instance we talked about a screening board which would screen contentions that come in, and the reason for separating those out, separating a screening board from licensing boards, is that it would give a central clearing house for contentions, whereas now you might have, although it doesn't happen very frequently, you might have a contention that is admitted in one proceeding and is not admitted in another proceeding.

The question is, why does that happen? Well, this way you would have a central clearing house. Now, the people on the other side of that say this is an affront to the licensing boards as they currently exist and they are capable of deciding the issues that they are to litigate and the like.

MR. REMICK: Jim, isn't this like it was up until a couple of years ago? There was more than one screening board. They appointed a board to consider the contentions and the interest of the party, and then what happened, they started

then making that same board the hearing board if there was a
hearing. I agree that if you had one, and maybe eventually
you would even have to have two groups that you had consistency,
it would be a real improvement. I personally feel that, but I
don't see a major change from what actually was practiced a
couple of years ago with the exception that you didn't try to
limit it to just one screening board but there were a number of
them.

MR. TOURTELLOTTE: That is the chief distinction.

A few years ago they had a two-step process, and to say you are just returning to the old process, that is not true because in the old process, as you pointed out, they appointed a board for screening purposes but they wound up appointing the same board to hear the case, on the theory that that board was already familiar with the issue.

MR. REMICK: Yes, that's it. That's it. And I have to admit that at that time, that seemed sensible: once you heard all the arguments on the contentions and when you are already up to speed, why not continue if there was a hearing? I agree. I think one screening committee or board would be good.

MR. TOURTELLOTTE: There is another thing which is psychological, and that is the question of whether some licensing boards may feel that they have a vested interest in an issue and therefore might let an issue in which is otherwise

of the proceeding. There would be no such driving mechanism for the screening board because they are not going to be hearing it later on.

Now, whether that actually exists or not is kind of difficult to prove. It is, I think, something that some people sense about the process, and it may be valid or not.

The part, I think, also about the screening process that I think is really important is that the rules would raise the threshold for admission of contentions to require that only issues of genuine -- only issues involving matters of --

MR. REMICK: Factual issues in dispute.

MR. TOURTELLOTTE: Genuine issues of fact in dispute.

MR. REMICK: That language isn't proposed in 447.

I was surprised. Genuine issues of fact. That terminology is

not exactly used, which I was surprised. It is slightly dif-

17 | ferent wording.

MR. TOURTELLOTTE: But actually the standard is not too different from the standard currently except in this case it requires a tendering of evidence to demonstrate that fact, and the tendering of evidence, it is thought, will probably limit to some extent what it is that we litigate. The problem is -- and a classic case is in the Allen's Creek case, the biomass thing, where in fact the Licensing Board said this is a frivolous issue, and it was the Appeal Board that said, well,

frivolous or not -- they didn't say this, but Alan Rosenthal says it when he talks about it, or said it when he talked about it -- doesn't make any difference whether it is frivolous: if they have stated it, we have to litigate it.

My view is that it takes more than just stating something. You should not have to litigate frivolous issues. In fact, it is against the rules of ethics in our profession to even propose to litigate a frivolous issue. It is just as unconscionable to me, if it is against our professional ethics, that somehow the courts say, well, it may be against your ethics but we have got to litigate it anyway because it is a frivolous issue. I don't think any court would litigate what they perceive to be a frivolous issue and they would dismiss it out of hand and they would take their chances on appeal.

Anyway, the tendering of evidence is an extremely important part of this overall package. There are other things that have been done relative to discovery and other items which are time-consuming items, but you see, my view is that if you raise the threshold, if you require tendering of evidence, you are not going to run into those issues unless you have an important issue to consider. And if you have an important issue to consider, we ought to have discovery and we ought to have these other mechanisms that are devised to make sure that a complete analysis takes place.

Then finally, we have some things that alter how,

for instance, cross-examination is conducted. Oftentimes cross-examination was just kind of an open fishing expedition. There are some rules now that require cross-examination plans.

Although licensing boards have off and on required cross-examination plans, there wasn't specification as to what a cross-examination plan was, and the rules tell what one is and how to make one, and that is basically a fault tree analysis, cross-examination.

Finally, in the decision-making thing we call for sort of the elimination of the appeal board as an independent reviewing agency and putting them directly under the Staff control of the Commission and making them an opinions and review type of board. The question is how much of this is controversial, and I would say all of it.

(Laughter)

MR. FRALEY: There is also one other thing which is a spin-off from the decision. I think they added that any board decision that has generic implications now has to be entered into the rulemaking process.

MR. REMICK: And as you have it now, the Board would do that, but I think the licensing boards have suggested it might be better for the Staff to do that since they are in a better position to know the generic importance of a decision.

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Have you given any more thought to that since 447?

MR. TOURTELLOTTE: No. It was done because it seemed

to be something that was in the hands of the Licensing Board. I have no preference as to whether the Licensing Board initiates it or the Staff. It might be better if the Staff does it. MR. REMICK: The legal staff certainly ought to be able to put this in perspective, where licensing boards are kind of hit or miss, you know, and the ELD --MR. TOURTELLOTTE: I am not really wed to any of the words particularly in all these suggestions as long as the general purposes are accomplished. I don't particularly care how they are done. MR. FRALEY: Jim, could I ask a question? There is one other thing. There is a place in the regulations someplace where it says that it is not permitted to challenge Commission regulations at case hearings. That would still be a guide used by the screening panel? MR. TOURTELLOTTE: Yes. MR. FRALEY: That would still stand. MR. TOURTELLOTTE: Yes. MR. LEWIS: Just back for one minute to the tendering of evidence and then we ought to wrap this up because I guess we have Gerry Charnoff coming at 11:00, and we will want a five-minute break before then. But on tendering evidence, of course, the custom on just what that means will have to be developed in usage, and because an opinion presumably isn't

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evidence, and whether a reference to a handbook is evidence and

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throw it out.

that sort of thing that has to be done by practice. Will the practice be determined by the hearing boards? That is, is it envisioned that the hearing board will, as it is now constituted, will determine what is sufficient evidence to meet the threshold requirement? MR. TOURTELLOTTE: It depends. It may well turn out that there is no screening board, in which case it would be the licensing boards. MR. LEWIS: Yes, but if there were a screening board. MR. TOURTELLOTTE: If there were a screening board, it would be the screening board that would determine in the first instance whether sufficient evidence had been --MR. LEWIS: Okay. I was worried about uniformity, but if there is a screening board, you would take care of uniformity that way. MR. TOURTELLOTTE: Yes. MR. LEWIS: Okay. That would set the precedence. MR. REMICK: Jim, there is one thing on cross-examination that I don't recall if there is any change or not. Would a party be able to make their case purely on cross-examination with no direct testimony, or is that eliminated now? I forget. MR. TOURTELLOTTE: I would say not, because of the contention threshold situation. MR. REMICK: Yes, okay. You are right. That should

MR. FRALEY: But a hybrid hearing, I think, starts off with written testimony anyway, doesn't it, and cross-2 examination is an exception, really. MR. TOURTELLOTTE: Yes. I guess that is something else I should mention, that I am having some of these rules redrafted to implement the hybrid hearing process without legislation, and the hybrid process is pretty much what was envisioned with this kind of a situation any way because the idea was that everything could be decided on the basis of written submittals, if necessary; oral argument can be held but is 10 not mandatory. In most instances I would believe it would be. 11 If I were on a licensing board or a screening board, I would 12 want to see these people and hear what they had to say. Not 13 only that, I think it is fair. 14 MR. REMICK: What you get in writing is very, very 15 quarded. You want to sit down and talk it over. 16 MR. TOURTELLOTTE: Now, what goes on after that, 17 however, I think it depends upon whether an evidentiary showing 18 has been made, a substantial evidentiary showing has been made. 19 20 That is going to be judgment. MR. LEWIS: Yes, I understand. 21 I hate to break up, but --22 MR. REMICK: Just one additional question on something 23 you just introduced. You proposing revisions. Are those 24 going to be to the Commission before the 31st? On adding the

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Are you proposing rewriting and that is going to be 1 hybrid. part of your presentation on the 31st? MR. TOURTELLOTTE: No, the 31st is backfitting. MR. REMICK: Excuse me, I'm sorry. April 14th. MR. TOURTELLOTTE: April 14th is ex parte and role of Staff, so the hybrid s uff won't come up till the 1st of May. I have already had it redrafted. I have had it drafted once, but when they drafted it, they did not do precisely what I wanted them to do, which was to devise a system where the decision on tendering of evidence was not made until after all 10 the written stuff was in and all the oral arguments had been 11 made. Somehow, I don't know how, they came up with this, but 12 they drafted the hybrid process and then advised me that the 13 regulations were conflicting because it would make it an 14 impossible burden to in the first instance have an evidentiary 15 showing when the purpose of the first part of the hybrid process 16 is simply to air your views. 17 So I am going back to fix that, but that won't take 18 very long. 19 MR. REMICK: One last question. Do you see anything 20 in here that is proposed on the things that are coming up on 21 the administrative area that changes in any way the role of 22 ACRS in these activities? I didn't detect anything. 23 MR. TOURTELLOTTE: No. 24

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MR. REMICK: Do you foresee ACRS providing comments

on the backfitting? It seems to me that that is definite safety-related consideration. Do you know of any provision where ACRS is going to be asked to comment on backfitting or anything like that? You are not requesting it, necessarily.

MR. TOURTELLOTE: I am not requesting and not not requesting. Certainly if they -- you know, we provided copies. If the ACRS wants to comment on them, I would welcome the comments.

MR. LEWIS: We may. Let me end with one rhetorical question on what Forrest just brought up. Does the fact that there is nothing in here that changes the role of ACRS reflect a view that ACRS operations are now perfect? That is a rhetorical question.

(Laughter)

MR. TOURTELLOTTE: I will give you a rhetorical answer: no.

MR. LEWIS: In that case, why didn't you do your job?

MR. TOURTELLOTTE: I will tell you what: I have limited resources. As far as that goes, I think this is a point that should be made, that the proposals that the Regulatory Reform Task Force has made, and certainly the proposals that I have made for changing things in the Agency are nowhere close to being comprehensive, in my view, as to what should be done to really reform the Agency; but I have

very limited resources, and what I did was pick out the most important issues first and we addressed those, and what happens after this is anybody's guess. MR. LEWIS: I am delighted to share the view that you just expressed. Let's give ourselves, let's say, a ten-minute break. (Recess) END Simons Rabb 

are.

MR. LEWIS: Let's get started.

We're here to sort of move along in our discussion of regulatory reform, and in particular, we're interested in the administrative package that's being developed now that the legislation has gone over to the Hill, and DOE legislation will soon go over to the Hill, and we can expect six years of hearings on those issues. We're now ready to talk about the thing that NRC believes it can accomplish without legislation, although in the end if the legislation that's been sent over doesn't pass or passes in a greatly different form, there will again come up the question of what in those legislative packages actually did not require legislation. But for the moment we'd like to talk about the thing that are in the administrative package now. And I guess we'd love to hear what you're doing about it, what you're saying about it.

And we've had a conversation with Jim Tourtellotte
this morning about backfitting, about ex parte, about separation
of powers, a little bit about the hearing process and those
things, which I guess is the sequence of events. So we
turn ourselves over to you.

What are you guys doing about these things?

MR. CHARNOFF: You may be further ahead than we

MR. LEWIS: That's all right. You'll back up --

MR. CHARNOFF: It was easy to deal with the legislative package. That was only a quarter of an inch thick. The administrative package seems to be larger.

We've had two meetings of our group on the administrative package, and we're meeting again tomorrow. We will tomorrow begin reviewing a first half of a draft report. That first half of the draft report will address some of the issues in this package, and the reason we've broken it in two is that the Commissioners are meeting now on this thing that's not on the question of backfitting, and we wanted to be sure that our views on that portion of the administrative package are presented to the Commission. And we're meeting with the Commission I think Wednesday or Thursday on that matter.

by the full committee tomorrow which addresses three or four matters. It addresses backfit. It addresses the proposals to deal with the -- to establish a springing board. And it addresses the question of restructuring the Appeal Board. And we have not reached any concensus positions on most of the other matters. That will probably came in a later report sometime in April or May when we meet again on that.

And maybe what I should do is review that I think we will be saying on those three matters.

MR. LEWIS: That would be very helpful.

MR. CHARNOFF: We are also tomorrow going to take

another look at the Commission's legislative package. The Chairman sent it to us for one more look even though it's all the way up there. And I'm not at all sure what the views of the committee will be. I think by and large on that aspect of it we think that the Commission reflected a number of our views. For example, we do endorse the idea -- I'll take a minute on that, and then I'll get into the administrative reform.

I think that we do endorse the ideas of the one-step licensing or the combined CPOL provided there is a recognition, as there is in this legislation now, that certain issues cannot be decided at the outset, and therefore, there has to be a phasing of certain issues. But the concept is one stop on different issues.

We do endorse the idea of early site review and of design review and discrete portions of design review; and the Commission has picked up the discrete. One of the issues -- the essence of many of our comments was to be sure the legislation does not block the procedures or lock the Commission in but to give it flexibility. So that now this draft package does recognize the concept of looking at discrete portions of a plant, for example, in the design review or does recognize that the Commission could review discrete portions of site characteristics.

MR. LEWIS: Could I just interject one thing? You

mentioned the word "lock" which reminded me of something that was contentious at ACRS the other day. In the proposed legislation in the reliance on competent local, regional and state authorities for a need for power, and alternate source of power and that sort of thing, I think it's a mistake to delegate irrevocably in the legislation instead of the previously heavy reliance, because then you make yourself hostage to an unknown local board.

Do you have a view on that?

MR. CHARNOFF: We did not like the former recommendation which was -- in the early draft which was to defer to a federal agency's determination to meet the power. And we recommended that they look at local agencies and look not only at the need for power but at the alternatives question.

MR. LEWIS: Right.

MR. CHARNOFF: And the reason why philosophically it's not as dramatic a problem as you're concerned with is that as a practical matter, if the local agencies that have cognizance over the finances of these utilities, the rate-making agencies, say you shall not build a nuclear plant, it really doesn't matter what all of us here in Washington say. The utilities are not going to build a nuclear plant.

If they say that you don't need it because you have too much power, or they say they'd rather see you go to a coal or a hydrogen unit, they can do that. And so while it's

nice to say that in the national interest there may be national concerns that should be reflected in the decision to override that matter, that's not happening even in this legislation or even in the form of legislation that we've talked about in your concept, which is that you generally will look to but not necessarily be exclusively bound by.

The difficulty there is that I don't think the

Congress or the agencies or even the utilities or the utility

commissions are ready to recognize a deferral to something

here in Washington that is going to commit them to building

a plant that they're local ratemaking agencies are not going

to do. And that can be a very traumatic event down the road

when and if local agencies, I presume, will be slow to

authorize a new nuclear plant that a company or the national

interest may require. And I think there will be pressures

coming about by ten years from now perhaps to do that. But

that's going to require some institutional restructuring that

I don't think is capable of being handled in this.

So that while there is a locking in and an absolute deferral to those agencies, it probably recognizes the reality; and I don't think we have any objection to it.

MR. LEWIS: I don't particularly want to argue or belabor the point, but I guess I understand that it may not make a practical difference. I don't see that as a justification for writing it into law because --

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	MR. CHARNOFF: Well, the value of writing it into
	law is that if we're going to have to rely on those agencies
	or those agencies are going to have the effect or the influence
	that they have anyway, then let's not do it twice at the
	federal level because it's superfluous. That's what the law
-	says.
	MR. LEWIS: No, no. I agree with deferring to the
	local and regional agencies. I'm on record as having recom-
-	mended that long ago. But without essentially delegating
-	your power to them.
	MR. CHARNOFF: I think that that's probably appearance
	because I think the reality is
The same of the sa	MR. LEWIS: I understand that.
	MR. CHARNOFF: You don't have to defer, and if
	we're going to, then let's not have 14 other parties say the
	NRC ought to get into that. And, in fact, it reflects some
	of your views and the Commission's post-TMI that said let's
	get those matters out of the agency. Let's not have the
	Commissioners focus on those irrelevancies.
	MR. LEWIS: Anyway, I didn't want to break your
	chain of
Annual Committee of the last	MR. CHARNOFF: Perhaps the and I'm not sure
	how the full committee will react tomorrow but I know my
	concern is that perhaps the principal failing of the proposed

legislation is that it still fails to come to grips with the

purpose of the public hearing process.

I and we, I think, endorse getting this up to the
Hill and let Congress grapple with the matter; but it bothers
me that we have not come to grips in that legislation with the
public hearing process. There is a proposed finding that it
is to resolve material issues. That's a help. That's a start.
But the implications of that aren't carried through. For
example, is the purpose of a public hearing to review the
quality of the Staff's work? My view is that it's a lousy
way to do it if that's what we're going to rely upon. And
we've got to do it more systematically within the agency,
perhaps with the aid of the ACRS.

If that's true, then do we really have to have the public hearings, wait until after the Staff review is done and perhaps the Staff's role gets changed if we say that the Staff's review is not the subject of a public hearing.

And so that package doesn't go far enough, and I would hope that in our letter tomorrow we will flag that kind of an issue. But I'm not sorry that the legislation has gone up, and I think those of us who care will probably appear before congressional committees, and we'll present this concern. I'm not so sure it's a winner. The tendency is, as you no doubt recognize, that public hearings are equivalent to sainthood, and you've got to give that opportunity.

MR. LEWIS: I'm certain we will all appear, and

I'm certain we will present these views, and I'm certain we will have very little effect. But I agree wholeheartedly with your comment. We've had fights at ACRS because I believe that one should start the whole issue of public participation by asking yourself what is the best way to assure relevant public input in the interests of the safety of the reactor, not in the interest of the fairness of the democratic process.

MR. CHARNOFF: I think that's right. Fairness is important, but it is not the purpose of this whole process.

MR. LEWIS: It's secondary, that's correct.

MR. CHARNOFF: Anyway, so that's on the legislation, and I don't know where we'll come out on that. But I'm hoping that we'll try to recognize that tomorrow.

Let me focus then if I can on the backfit process.

I think there there were a number of questions that come up.

One is to what should the backfit process apply. And I think
the majority on our committee clearly are sympathetic with
the task force's recommendation that it ought to apply to all
new regulatory requirements post-construction permit issuance.

And there are two statements that are involved in that statement.

One is does it apply after a construction permit or after the operating license. Our view would be it ought to be after the construction process.

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The second, more sophisticated question is does it apply only to those matters that are determined as a specific matter explicitly in the construction permit process or even in the construction permit hearing. What if there was a change in something that wasn't specifically recognized in the construction permit process, explicitly?

Most of us feel that any change after you've got a construction permit from whatever the ground rules were, whether explicitly or implicitly recognized, whether litigated or not, ought to be subject to the backfit rule. And that is a reflection of the fact that we believe, the majority on the committee believes that designers, constructors and operators do pay attention to this whole background of requirements when they come to designing and building their plants, and any change reflects a perturbation in those set of assumptions.

There is a minority point of view, Tommy Roisman's, which would probably be more limited. He would say it ought to be limited only to those requirements that are explicitly defined in the process; and he might even go further than that and narrow it to those that are defined in the public hearing. So that may be a matter of controversy within our committee -- I'm not sure -- but I think the majority is where I would characterize them. I think that's an important matter to reflect upon.

In our view, the papers clearly state what the

regulatory reform task force is after. We're not so sure the proposed regulation recognized that it did as much as the background papers do, and we're urging that that be clarified.

Perhaps the next matter that is important in the backfit process is the process that this regulation calls for, and generally speaking, we endorse this requirement in the regulation that there be a systematic written, documented set of considerations that go into the imposition of a new requirement. I think that was our view right at the outset, that we all are believers that if we put pencil to paper and we ask people to do more than just write a conclusion, that that process itself compels a better result than if people could talk about it or if they just write a conclusion.

Related to that is whether or not that documented analysis should be reviewed at some high level within the agency. In our view it should be; whether it has to be the EDO or something below the EDO is not material, but it ought be much higher than way down in the bowels of the organization for the same reason, that is, that there is a discipline that comes out of that process through the review side.

There is in connection with this backfit proposal a set of five or six criteria that the regulation would say ought to be considered. We have some reservations about the text of at least one or two of those. One is the extent to

which the backfit, the merits of the backfit proposal should depend upon the impact on the resources within the agency.

We find that very hard to understand. But it is otherwise meritorious in terms of plant design, plant operation, plant safety.

I guess we don't care whether it requires a lot or a few resources. It's irrelevant within the agency.

MR. LEWIS: It would enforce discipline within the agency if they were to make a list of the relative importance and priorities of the things everyone in the agency does, so if they need resources, they can take it from the bottom of that list.

MR. CHARNOFF: That's a management function, but that doesn't get into the qualitative judgment of is a particular factor, so that particular criterion bothered us a little bit.

We can understand why it's important from a management standpoint, but it's hardly a criterion for determining the merits of a backfit proposal.

The other one, which I think is just a drafting fluke, is that they tried to put the criteria all in the backfit related to rulemaking, and then adopt it for a specific plant. And they got into a bind --I think it's a drafting problem-- that they want to consider the age of plants and so on. We're talking about backfit for one specific plant

in one case and backfit for a group of plants in the other.

That criterion I think is the sixth or seventh. It just

makes no sense. I really think that's a drafting fluke rather
than a thought-out position.

MR. REMICK: Do you feel that those factors should be in the 51.109 rather than in --

MR. CHARNOFF: In both. For purposes of drafting ease they put it in the one dealing with the rulemaking and adopted it. It probably ought to be in both separately so that you know what you're dealing with, but that really is easily rectifiable.

There is an interesting question on our committee where we, again the majority, would feel that the listing of the criteria explicitly and having them explicitly considered is a good idea. It disciplines the process again. It makes people think of the relevant matters.

There is a point of view, the minority point of view, that if you do that, you might be missing the important questions or you might be constraining the Staff in some way. We don't -- the majority doesn't read that as constraint. You can list all the things that bother you, but you at least ought to answer these pertinent factors. And it seems to me from a management standpoint that's a perfectly useful way to go about it. And I think we ought to commend the task force on that.

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On the whole I think that the backfit proposal is a good step. There is a related backfit proposal that goes to the question of requests for information which has a different set of standards or a different standard where they had to weigh the merits against the burden on the Applicant. Again, there's a little difference, majority versus minority, on the committee where the minority sees the burden on the Applicant as not an important issue. We really view that as a shorthand way of stating look, if you're going to ask the Applicants to answer questions, many of which require tests and what not, you really ought to consider those burdens. Those burdens pass through to society, and they are societal costs. And it really goes to a harder philosophical question. We always use to say in this agency that cost doesn't matter, but the fact is cost is implicitly considered, if not explicitly considered, so why not recognize it explicitly and then deal with it. If the matter is very important and costs are high or low, it could affect that matter. It's not decisive, but we ought to know what it is. So, again, we view that as being important. On the other hand, we do have to worry, I think about hamstringing the reviewers to the point where the burden of asking a question is so onerous to them that they're going to be

will stop that, but I do think that there has to be some

disinclined to ask a question. I don't think these regulations

sensitivity on the part of management that the guy down there who has to worry about raising the question and doesn't get overwhelmed by the process and therefore doesn't ask the pertinent questions.

But I think that the concept of having a management discipline on all of this is certainly a reasonable thing.

One could argue that it doesn't have to be in the regulations, that it could be a legitimate management constraint. Putting them out for regulation, however, is probably protective given the atmosphere we're working in. If ever a supervisor tells somebody not to ask a question, ten years later you might be on page 1 of the Washington Post. At least it's a process and it's out. I think there's value in doing it.

MR. LEWIS: No, no. You alluded to a problem that I have, which is that of course the fact that many of these things have been done without proper analysis or indeed without any analysis at all is dreadful. That's evidence of management laxity within this agency. As you quite rightly say, it could have been done without regulation. It's just like setting a style. Just like we say in licensing a nuclear plant that the style of the top management and its attitude toward safety is what filters down through the system. And that's just as true here as it is out in the utility.

By that same token, I have trouble understanding why issuance of the rule or the staff guidance or whatever it's

going to be is going to change anything unless --

MR. CHARNOFF: Well, it puts the ball where it's appropriate. You know, utilities have complained for many years that they're being asked too many questions and so on.

Now with this in the regulation, how many utilities will step up to the mark, they don't like to confront the Staff. But at least they can say you know, you didn't go through that process; and they can go to the executive director of operations or the Commissioners and they can say I'm sorry, until you go through that process, we don't have to do it.

So the value of the regulation is it says to the utility be a man, fellas, or woman, and stand up to these guys and demand your rights. Now, whether that will happen or not, I don't know; but there's a related benfit to this process, I think, and it's one of our recommendations, that to the extent the requests for information rely again upon a documented justification for it, even though with different criteria than the backfit criteria, we suggest that that documentation be required to be made public, and indeed given to the guy from whom the information is being requested. A, it will show the justification for the question; B, it will help explain the question.

It is bound to enhance better technical communication. So there really is a value in putting it out, and one can say well, why in the regulation, why not -- because in the

regulation it now says we're now dealing as equals. There are some ground rules you've got to follow, and I've got a right to insist that you abide by them.

MR. LEWIS: Well, I understand that, and that's positive. I agree completely. It presumes that the justification when written will be more than pro forma. The thing that I worry about is that unless the management style makes it clear that the intent is to be really quite serious about justifying requests for information and backfit, that there will develop a pattern of pro forma adherence to the paper generation process which will be no different from what we have now.

MR. CHARNOFF: That's correct. I mean that's very important, and yet there has to be a fine balance; that is, that you've got to assure that management cares that the quality of those documents is high, and yet at the same time that that does not become an absolute block to people raising questions. And it's going to require a sensitive manager, and I think the Commission's going to have to pay some attention to that. But the only way that question comes up to the Commission in a serious way other than internally is for the utility Licensee to say hold on, that's not good enough.

MR. LEWIS: Well, you're right. If --

MR. CHARNOFF: Now, they've never done that, they're not likely to do that, but in an egregious situation they will

do that. And I think the time is coming where the costs of some of these things are getting so high, or similarly, fines have never really been imposed by any utility. But the cost of getting so silly in the large range is that they're justifying battle, and so we're going to have battles. I don't know how productive they will be, but we're going to have a battle.

I think the same thing will happen with requests for information. If the request demands a lot of information and a lot of thought and the justification for it is less than good, somebody's going to stand up there and say let's fight this one out.

MR. LEWIS: But there's a cost in fighting with the regulatory agency.

MR. CHARNOFF: Yes. I don't know how real it is,
but I know we've all dreamed that it's there, and we've lived
by it, and I think it probably is costing industry too much.

I mean there hasn't been a healthy enough tension. I'm not
looking for a battle, but I think there hasn't been a healthy
enough tension.

And I know that I've sat in -- and I can remember this goes way back into the '60s -- I remember where staff members would say put another pump here or another pump here, and I remember the issue was we're right up against licensing, and one of the staff members in one case I can recall saying specifically it's all of \$100,000. Why not do that? To which

the utility president or vice president said that's right, all of \$100,000. Let's get on with it. Well, that's a heck of way to make decisions. 3 MR. LEWIS: Well, there's something I saw last week, and I guess I can't mention the utility involved, but it was a request for relief from a frequent testing requirement in which the utility claimed that frequent testing was jeopardizing the plant, that it was required only of them, and then they said and in fact it was never a good thing, but we had to accept it at the time of licensing as the price of getting 10 our license. 11 That was, you know, a serious accusation, and it 12 is symptomatic of a real disease. 13 MR. CHARNOFF: That's interesting. I mean that 14 is probably an honest reflection of what has happened. But, 15 I know that this concern of frequent testing is something that 16 I'm sure you've heard of. I was just out at a plant last 17 week, and the plant manager was telling me about how often 18 they have to test the diesels, and the result is they're 19 burning up the diesels in the testing process. 20 MR. LEWIS: That's absolutely right. 21 MR. CHARNOFF: Now, maybe you have to do that 22 to assure reliability, but I wonder if that is --23 MR. LEWIS: Well, there is a fairly well-established 24

discipline on how often you ought to test. They used to

strike -- or where's the fine balance between that, knowing that they're going to work and making them not work. And I am not sure that discipline is well understood in this agency. And in this particular cause, which is documented, is a case in which really extraordinarily frequent testing is required of these things at this plant alone and not in other plants that have the same equipment. And lack of uniformity is a disease.

MR. CHARNOFF: Well, this whole process now, I think this process, there is something good in it. It's too bad we had to come to do it by regulation, but I think that it is a healthy way to do it. There will be a battle, I'm sure, among people as to whether the backfitting has been excessive or not excessive on the merits, and are there enough good cases to show that's been excessive.

But independent of that struggle, there really is nothing wrong with saying to people write your thoughts out in a documented way, and that's really what the process seems to be about; and it's challenging the senior management to look at it.

People get known for it. I mean that's got to be prophylactic and healthy.

MR. REMICK: The use of this in 50.54(f) letters, would you apply those six factors or whatever number of factors there are?

MR. CHARNOFF: No. We're satisfied that the threshold there or the burden of test there is somewhat different, somewhat less rigorous because it is still just a request for information. We are saying specifically 50.54, there ought to be a documentation. I'm not sure it's in that rule today in 50.54. And that the documentation be forwarded with the request for the information.

MR. REMICK: No, that's not -- it just says an evaluation shall be performed.

MR. CHARNOFF: Yes. And we want that evaluation made public and transmitted with it, because on one hand it's disciplinary, and on the other hand we think it will help to understand --

MR. REMICK: Oh, it should. So if they do come back, the information applies to what they wanted.

MR. LEWIS: Is there resistance to making it -MR. CHARNOFF: I don't have any idea. I haven't

had any discussion with them. I wouldn't think so. But it strikes me as odd that they didn't put that in there. But I don't want to infer anything from that. I wouldn't think so.

I mean this agency has found one thing, that it really can't title up documents anyway, so that I wouldn't think that they would resist it. If anything, they live too much out in the open, too little perhaps. But that's a statute

question.

Anyway, that's backfit, and so I think we will basically that in a letter that should go out after tomorrow's meeting and discuss that with the Commission next week. So far as I know, that's the major issue the Commission is grappling with in terms of administrative reform during the month of March. I think I've been told that they want to do something by the end of March.

I have one related question on backfit, though. I'm sorry, I forgot about it. The Commission -- the Regulatory Reform Task Force had also proposed that while this proposal of theirs goes out for public comment that the Commission ought to issue a policy statement -- you have a draft of it -- which in effect says live with your current rules, fellas.

Our view is that since the heart of this whole backfitting proposal is the systematic, disciplined internal review made public -- and that's the real heart of it -- which could be done without a rule, that we would rather see the policy statement put into effect on an interim basis, the new rule rather than the old rule, and say fellas, while this is out for comment we are going to follow these ground rules; we are going to insist on these disciplinary evaluations -- disciplined evaluations, and we are going to make them public.

And I think that during this period of time while the rule is out for comments -- it could be two months or a

year depending upon the history here, let's get some experience with it and see how it works. MR. LEWIS: That makes a lot of sense. MR. CHARNOFF: And so we are going to make that 4 comment. I'm sure we're going to make that comment: live 5 by this new rule. Even though the old rule is on the books, there is nothing at odds with fairness or anything else to live by this rule. And I think that's important. end tp 5 a Simons MR. REMICK: Personally I like the definition of backfitting better in the proposed rule than in the old one. 10 MR. CHARNOFF: That is correct. 11 MR. REMICK: And I thought why not apply it. 12 13 선생 경기에서 사람이라면 있었다. 14 15 16 17 18 19 20 21 22 23 24 25

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89 MR. CHARNOFF: As I said, that can be done independently of the rules, so why not just do that as a policy statement? MR. REMICK: The thing we were told this morning is that they're apparently not going with a policy statement; they're going with a staff requirements memo rather than a policy statement, not that that has any --MR. CHARNOFF: I guess I don't care about the form of that, but did he say -- did Tourtellotte say which way they're going? Are they doing to adopt the new rule on an interim basis? I don't know why we have to go train people to do something for something that is clearly interim. Let's go to the new game. MR. LEWIS: That makes a lot of sense. And you, presumably have that in your letter. MR. CHARNOFF: Yes, we will say that in our letter and -- well, it's in the draft now, and we will say that to-some of us will say that to the Commission. MR. REMICK: Jerry, if they did go with the new, I can see then that perhaps there might be an advantage to all the policy statements for public comment because you are -you're changing. MR. CHARNOFF: I would be inclined to sort of put it

out. Now, the policy statement doesn't have to go out for

comment because the rule is up for comment, but the public

1 should know you're doing that. And, indeed, the utilities 2 should know you're doing it so that the utilities can react to these documented evaluations and see if they're going to be men about it. MR. REMICK: But if the public is going to know, it's probably better as a policy statement, I should think. 7 MR.CHARNOFF: What was his view as to why it should 8 not be a policy statement? MR. REMICK: From his standpoint, I don't think it 10 matters one way or the other. And I asked was it so that the 11 staff requirements can get out immediately, and the tendency 12 might be on a policy statement to put it out for public comment, 13 although not mandatory. He said no, that was not a consideration. 14 MR. LEWIS: I think his main argument for the policy 15 statement this morning was that it's a little more visible; 16 just a matter of the appearance. 17 MR. CHARNOFF: Yes, we think it ought to be visible. 18 MR. REMICK: It is, because it goes into the rules 19 and regulations. 20 MR.CHARNOFF: Sure. And it gives us some rights. 21 It's not quite a rule, but it gives us some rights, and if 22 this process or this tension is to be created constructively, 23 I think the right should be there. 24 But I would go right to it if we think this makes

sense, and it's very hard to get anybody to say, no matter how

you view nuclear power, to say that an honest, disciplined process isn't a good thing to do. So, that's Backlick.

The other -- the second matter we're going to talk about is the proposed establishment of a screening board.

Are you folks interested in that?

MR. LEWIS: Yes. We're interested in everything.

MR. CHARNOFF: That is the proposal to establish a licensing board on a semi-permanent basis, I guess, which would review all requests for hearings or petitions for intervention -- same thing -- and review contentions, and review the sua sponte initiatives by licensing boards.

I must say that my first reaction to that when I first saw it was positive. I thought gee, that sounds like a good idea, to get more unformity, and the more I thought about it, -- and our committee almost unanimously feels that it's a bad idea. It's a bad idea because if we're going to have three members decide that the petition should be granted, the contentions to be considered and the conditions to be considered in the hearing, and then another board has to resolve those contentions, first, there could be a divergence between the definition of what the contentions are by the screening board and what the resolving board thinks are the issues. It doesn't matter how artfully they're drafted, there still are problems.

Second, the conditions that might be imposed in connection with any admitted contentions have to be enforced

by the second board, and where we have come out is just provide the criteria, fellows, to the licensing board to make them live with it. If you want to have high standards or high thresholds for admission of contetions, say so and make it clear what they are. If you want to have high standards for standing for intervenors to get in, say so and tell them what it is. And then the Commission, from time to time, ought to be much more aggressive in policing these things and reaching down and saying when they were faced. But if you establish 10 this centralized screening board and the implementing board, 11 if you will, or the resolving boards, you're probably creating 12 another issue for litigation in the courts. Rather than becoming more efficient and more controlling, we may have set 13 up another issue for people to contest one another, or 14 15 certainly more contentiousness; whereas, the licensing board says this is the issue, this is what we meant; let's hear it on 16 that issue. Then somebody else comes in and says but that's 17 not what the screening board meant; let's go back to them and ask. 18 I'm not sure that it's worth the gamble, in effect. 19 MR. REMICK: There would be greater consistency, 20 though, with the screening board, don't you agree, on the --21 MR. CHARNOFF: On the application of criteria. But 22 part of that is because we really have had very soft and wooly 23

MR.REMICK: That's right. Basically none in recent

criteria.

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years. The appeal board has slowly whittled away any criteria. MR. CHARNOFF: Yes. Well, I happen to be -- and I'm 3 going to get tothat later -- I'm the big respecter of the appeal 4 board, except in this area. I really think the appeal board has made mush of the idea of criteria for admission of contentions and parties. 7 MR.REMICK: In discretionary intervention, too, I think. MR.CHARNOFF: Yes. But that can be done away with. 10 All the Commission has to do is issue a policy statement or a 11 reversal in a case, or reach down and say that's not it at all, 12 or issue some criteria and rules. It's hard to do, but I think that it's probably 13 better to do. And so our view is that that screening board 14 15 proposal, while at first blush looks appealing -- and Ireally 16 have to tell you that for several weeks I thought that was 17 really a good idea -- I'm just not sure that we're going to gain that much from it. And if you start thinking about it as 18 a lawyer and what issues do I want to take to the court of 19 20 appeals, that's a nice one. They resolved the wrong issue, 21 Judge. (Laughter.) 22 23 And why give them that? Why give anybody that issue? I don't think it's worth it.

The related purpose of the screening board was to

control sua sponte, or to review and determine sua sponte. And there, I must say we've had long and extended discussions in the committee on this whole issue of sua sponte, and I think we've got a consensus. I'm sure there's some minor disagreement here and there.

Certainly, the majority feels there's really basically no room for sua sponte review by licensing boards. What I mean by that is we are all in agreement that if a licensing board, in reviewing a document, sees a question that bothers it -- and we're assuming the licensing boards are competent and, therefore, significant if they raise a question to be identified. But it hasn't been raised by a party, so it's not an issue in dispute between the parties. And don't forget the legislation says the purpose of the hearings is to resolve issues in dispute among the parties.

MR. LEWIS: Factual issues.

MR. CHARNOFF: But if a licensing board -- if you,
Forrest, are on a licensing board and you raise the question,
well, we ought to regard the fact that you raised that as being
important. And what we say you ought to do with that is you
ought to write a letter to Harold Denton or to Bill Dircks or
to Joe Palladino, saying you know, this is not an issue in
dispute in the hearing but I've looked at this and this has two
pumps and I think it ought to have three, or, it has three and
it ought to have two. I'm really concerned about this.

We ought to ask you, just like we asked the staff, to document why you're concerned. Write your letter and have Harold Denton or NRR or Dircks or Joe Palladino write, but get a response to you that's public, that says you're right, we're going to look at it for this reason, or we'll look at it and we'll let you know, or whatever, or you're wrong. But that's not something for the licensing board to resolve. It is not an issue in dispute for the parties.

MR. REMICK: Let me explain where I have a problem, and it comes down to the definition of sua sponte. I have no problem with that where it's truly a new issues. But let me give you an example of one that was called sua sponte. And I can talk about it, it's a case completed.

appearances a fellow got up who had been on the maintenance staff of that plant, and this was a proceeding just on spent fuel pool. He claimed that they couldn't safely do this because when he worked in that plant, he went by this heat exchanger and pump where boron was -- it was wired with boron and it was dripping down and accumulating on this device and so forth. He claims he complained about this and so forth and nothing was done and this thing was leaking.

It so happens it was a part of the spent fuel cooling system. It's a heat exchanger used for that. Okay. Well, gee, that seems like something -- we're talking about spent fuel

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pool and enlarging it and so forth and putting more fuel in, 1 and that's a related question. So we asked the staff and the applicant to please have somebody address that. It went over big, of course, with the public. Somebody was there listening to him, which you just have to when you have hundreds of people out there, or at least you should be. That was considered a sua sponte question. To me, that's not sua sponte. It was related to the proceeding. Nobody had challenged --MR. CHARNOFF: Well, I think it's neither sua sponte 10 nor an issue in dispute. Let me try to give a little history, 11 12 because I can relate to that. I made a speech in the early 1970s that we really have missed the boat on the limited appear-13 ances. That is, people do come out, and while a lot of it is 14 silly, some of it is real. And what we ought to do, and 15 where most licensing boards fail -- not all -- there ought to 16 be a required response on the last day of the hearing. 17 18 MR. REMICK: I agree with that wholeheartedly. MR. CHARNOFF: By a member of the staff and a member 19 of the utility to every item in the limited appearance state-20 ments. And it's final -- the board has nothing to do with that. 21 So when I say it's not sua sponte in the sense that I don't 22 think the board ought to raise an issue for it to resolve

I have no difficulty with the board saying hey, that

because there's no dispute between the parties.

guy raised a question; I'd like you to look at it. And you look
at it and you've got to come back either during the hearing or
even after the hearing, I don't care, but it's public. And some
board members, following that speech, did start a process -- not
all -- where they required us at least in writing to take all or
those limited appearance statements, and the staff and the
applicant both had to file a piece of paper with the board and
mail it to each of the limited appearances so that there is a
written response to his or her concern, or to all of them.

Actually, we did it as a package, so everybody got everything.

So at least there was a response.

And I think that's terribly important. Otherwise, we treat the limited appearances disingenuously. We tell them we're going to hear what you have say, and then we want to ignore it.

MR. REMICK: And they get awfully frustrated.

MR. CHARNOFF: And that's silly. Now, it's true that they can't always -- it would be best if the utility or the staff could answer the question right there while the fellow is there because the public comes in on the first day and the second day and then they disappear. They're not there three months later. That's why the mailing to them of the response is a very important way of doing it. It's conceivable that you can't answer some of the things orally right there, nor should you have to. But I do agree with the need to respond to

that. But that's not sua sponte.

it. That's sua sponte, and that's wrong.

MR. REMICK: But unfortunately, sua sponte is --

MR.CHARNOFF: What happens is the board members have picked that up and said I want to get the answer and then I want to look at the quality of the answer and I want to resolve

MR. REMICK: Although in this case, I would say since it was really related to the spent fuel pool and that was a proceeding --

MR. CHARNOFF: But they wanted -- A is the intervenor and B is the utility. Did A pick it up?

MR. REMICK: No, they were not arguing it.

MR. CHARNOFF: Then it's not an issue. You see, that's why this definition of a hearing is very important, and at least progress has been made in the proposed finding in the legislation, but that's what the hearings were all about.

And we have to examine -- having made that statement it's not clear to me the commissioners have carried through from there and said now what does that mean. I think it means, taking your example, that there's no dispute, it's not part of the hearing. Yes, you can raise the question, you're the board member and you can say Harold Denton, damn it, I want an answer from you. I'm not adjudicate that answer; I just want an answer, and I want it in public. And if I don't like the answer you can't deny the license or do anything else, but you can write a

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letter to Dircks or to Joe Palladino, which is still public, and say I've got a crappy answer from Denton. That's effective, that's another way of resolving problems. If we keep our eye on the ball of what the public hearing is about.

So what we're really saying is we don't need a screening board to define or to control sua spontes, because the sua sponte issue ought to be handled outside of the hearing, raised by the hearing board outside of the hearing, by the written request for the information justified. I really do think the licensing board members have to do more than have a gut feeling. Justify it. And then the staff writes back and says that's a good question or a bad question or we're not even going to follow it up because it's a silly question.

And then you can carry on your correspondence with them and with their superiors, and they're not going to fool around with you.

MR. REMICK: And I assume that what you're saying here is on the assumption that the mandatory CP hearing would no longer exist. So that the hearing --

MR. CHARNOFF: Yes. If you have a mandatory CP you have a different question. What is the role of the board. But presuming that that's gone and the sole issue is controversy resolution, that's --

MR. REMICK: I have no differences. As long as you're

sitting there trying to do a job and a question comes up and you have concern and you would like to know more about it, if you are precluded from doing it, I agree, you probably -
MR. CHARNOFF: When we say the licensing board members are competent to resolve disputes, we can't be in the position of saying the licensing board members, I don't care what you see -- can't do it.

MR.REMICK: Yes. You won't get good people if you can't -- can you imagine that limitation on ACRS? You can ask certain questions and other ones you can't.

MR. CHARNOFF: And it denies what you're telling the public. But that doesn't mean that having asked it, you adjudicate it.

MR. REMICK: I agree.

MR. CHARNOFF: And it doesn't mean that it has to be done even before you write your decision. You might write a letter to Denton and it may be a month later. It's got to be done and it's got to be done to you, and it should be made public, and then you have the responsibility to police it by way of replying to his superior if you don't like it. Or, write a letter back saying I like it. I mean, closing the loop is kind of important on this question.

So we don't need a screening board for that, is really where we're coming out. So we're going to be negative I think on the screening board.

The last item we're going to talk about at this stage is the proposal to restructure the appeal board admin assistants and put them within the staffs of the commissioners. And we are uniformly against that, and partly, that reflects the fact that in our view, and certainly mine, the appeal board is a class act. They do exactly what we're saying. They do write their decisions very well. They sometimes come out with positions that I don't agree with, and I think on some of the procedural things they have been unnecessarily loose on getting the hearing process started.

But I really fault the commissioners in the past for not reaching down and saying that's wrong. But the appeal board -- it may be just the current composition. It has -- and Alan Rosenthal, one of the most competent guys in all of government agencies writing decisions. And he has gotten people on that staff who are really quality. Every decision they write is readable, and they give the guidance to people that a lot of the licensing board decisions haven't quite lived up to.

Moreover, if you abolish them, you are really going to put more things on the plate of the commissioners than I think they are really able to cope with, even if these guys on the staff are with them. And I think that our saying that the people who are going to retained also says the commissioners ought to review those matters on their own, and being more active

as to reviewing it, they don't have to see and deal with every matter the appeal board deals with. You can see what happens at current Commission meetings with matters. And my own view is that that part of it is -- it would be a mistaken for another reason, I guess, because I don't think you would get the kinds of people the appeal board has been successful in getting if they would be hidden in offices of the commissioners and be anonymous people. It would become like the CAB was and the FPC. They don't write classy decisions.

This agency does, at least at the appeal board level, and I must say that even from the judicial review standpoint, while we've had our share of court reviews I think the appeal board has done very, very well in writing their decisions in such a way that they would stand judicial review pretty well.

So that if you look at it just from the standpoint of how do we attract quality and keep it, I think that this proposal to restructure the appeal board is dangerous and will hurt us in the long run.

MR. LEWIS: It doesn't hurt to have your structure reflect the people you have available fill it.

MR. CHARNOFF: That's right. Now, it may be that if and when Alan and some of the others on there retire you get a deterioration in quality, and maybe it ought to be folded in, but if you've got good people and it has an established reputation, I think, in Washington of being pretty classy in

terms of getting good people. Let's keep it because it attracts the better people. And the boxes don't matter as much as the people do, so I think that we really are quite uniform on that. 4 MR. REMICK: Would you restrict the appeal board on 5 sua sponte matters? MR. CHARNOFF: I think the appeal board ought to be 7 restricted in the same way the licensing board is. Its function is to resolve disputes. I think it should have the same authority. 10 MR. REMICK: Should it independently review licensing 11 board decisions where there is no appeal? 12 MR. CHARNOFF: Yes, I don't have any problem with 13 that. I don't know how the committee feels about that. I 14 don't have a problem with that because it's functioning for 15 the Commission in doing it. I don't have a problem with that 16 at all. 17 MR. REMICK: Of course, the Commission has the 18 Office of General Counsel reviewing both what the licensing 19 board did and what the appeal board did, and you get all these different layers and people bringing up --21 MR. CHARNOFF: But you do have to only look at the 22 quality of the Commission memoranda and decisions compared 23 with the quality of the appeal board memoranda and decisions to recognize what happens when you bury these folks in the 25

Office of General Counsel. This is not to disparage those

fellows; they've got a million other things to do, but they're also not hired for that job. And the result is that he appeal board decisions are really very impressive documents, and the Commission memoranda are -- they're not terrible but they're much more pedestrian, and I think it is strictly a function of whether the people are out front writing their own decisions or not.

I would have them review it. It's an interesting question I don't think that our committee has discussed. I personally would have them do it, but I would clearly restrict them on the sua sponte side of the issue, to the same extent that all of the other licensing board members are recognizing the definition of what a public hearing is all about. It is not to review everything that's going on. I'll raise that with the group tomorrow. That's a good question.

MR. LEWIS: Of course, my problem is that I don't think of the hearing process as being very effective in resolving issues of technical dispute at all. That is to say as has been pointed out to me frequently, there are other issues that arise. Where there are issues of factual, technical issues, the last way, as a physicist, that I would think of resolving them is to have any hearing process whatever. I would resolve them by bringing in the best people I could find to address the issue.

MR. CHARNOFF: I think I mentioned before our

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meeting and at our last meeting here -- and I may be alone on this -- but I really would like to see, and it's why we're driving so hard at focusing on what the hearing process is all about -- I really would love to see an experiment where the ACRS or some substantial portion of it is charged with resolving the technical disputes in a contested hearing, and have the lawyers sitting in the back of the room and have the technical people on both sides get up and tell you folks what's right and wrong. Have you questioned that. Dissertation stuff. But then challenge you folks to write a decision as distinguished from a bunch of conclusions.

I would love to see that. I think that they ought to experiment with that. I think they ought to do that. In one case, let's take all the nuclear safety issues. I don't care about need for power or environmental matters. But I would like to see them do that, and I would like to see the legislation authorize them to do that. And see what happens.

MR. LEWIS: You know, several years ago, there was this very short-lived proposal within the scientific world to have a science court. I thought it was one of the dumbest ideas I'd ever heard at the time.

MR. CHARNOFF: Well, I thought it was dumb because frankly, we had had science courts in this agency, but nobody has been willing to call it that. I mean, we really had it. Whether it's your review or the licensing board hearings; those

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are science courts. MR. LEWIS: Yes, If that's the measure of the 3 way it works, I --MR. CHARNOFF: Well, there was a heavy overload of all the procedural stuff and nobody really looked at and said how do we really look at it. But I would love to see the Commission say we're going to have a hearing on this case, if anybody wants it. If the issues come in and they are technical issues, we reserve the right to take it away from the licensing board and assign it with the following groundrules to the ACRS, 10 or some proportionately experienced group. And have that 11 decision of that ACRS be the decision of the agency, subject to 12 judicial review if you want, because you guys would have to 13 14 write the decision. 15 But I would love to see that happen. I think that 16 would be the healthiest thing in the world. MR. REMICK: That would be an interesting experience 17 18 for the ACRS. 19 (Laughter.) To have to put down its views that specifically and 20 21 address the issue rather than conclusions. MR. CHARNOFF: Sure. This is hindsight, but one of 22 my big criticisms over the years is I think we got off on the 23 24 wrong foot.

MR. LEWIS: But you would make ACRS adhere to the

judicial format in doing this. 2 MR. REMICK: No. MR. CHARNOFF: No. It would be much less judicial, as I said. There wouldn't be any lawyers there. MR. LEWIS: Okay, very good, I misunderstood the sign of what you said about --MR. CHARNOFF: You'd run it just the way you run it 8 now, except -- No. I'm saying that there would be technical presentations. Each side can not only make their presentation; 10 they can raise the questions. 11 MR. LEWIS: I understand. In my profession, I don't 12 do this sort of thing for a living. I'm a physicist, and the 13 way we resolve technical disputes -- and we've had this conver-14 sation before -- is we get the contestants and we get a black-15 board and we shout, and then in the end somebody says by golly, 16 you were right and I was wrong. 17 MR. REMICK: The one difference is you don't have 18 the recourse of the courts. Once you decide it, and the person 19 you decided against is opposed, you don't have that recourse. 20 MR. CHARNOFF: Maybe one thing we can say is no 21 recourse to the courts in that case. But -- and that can be 22 done by statute. But you really do have the obligation to write 23 a reasoned decision. 24 MR. REMICK: Asolutely.

MR. CHARNOFF: I think that may be the difference

between those blackboard debates. What would happen if we did that once? It would be great. 4 MR. LEWIS: It would be great. MR. REMICK: It would be interesting. The licensing boards do it without a staff. The staff don't write their decisions. MR.CHARNOFF: You know, I was counsel to the ACRS for one day at one meeting in 1957, and I urged Roger McCullough -- he 10 was then chairman -- that you've got to write long decisions, 1.1 and I wasn't counsel very long after that. 12 (Laughter.) And I often look back and that and say, I wonder 13 whether we've made a mistake. 14 15 MR. LEWIS: You know, the mechanism by which ACRS now writes it letters falls just short of perfect. It's one of 16 the most incredible mechanisms --17 MR. CHARNOFF: And unfortunately, as a result, -- your 18 committee really make a lot of contributions, but the appearance 19 20 of it and the impact of it is diminished by the failure to write the good reports. 21 MR. LEWIS: Yes, I agree completely, but it was very, 22 very hard. I sit on lots of other committees --23 MR. CHARNOFF: With 15 egos on a committee, that's 24 25 very hard.

MR. LEWIS: Well, it's more than that. The history, the form, is just very bad for writing decent letters. First of all, 15 people can't write letters. I sit on other committees in which we write letters and it's possible sometimes to get out literate letters, but not from ACRS.

MR. CHARNOFF: The problem is it was cast in concrete in the fifties, and I think that we really never had the effort. But you know better than I would.

But that's the end of my message right now, and I -if you could propose that, I would love to see that proposed.

I really think that's where the Congress -- that's a proposal
that Congress ought to grapple with. And my problem with that
legislative package is that it's not experimental enough.

MR. LEWIS: I should give you my draft additional comments. I assume that ACRS -- informally, I assume ACRS will never approve of that, but it has views not dissimilar from some you have expressed here. But that's for your personal use; it's not for public.

MR. CHARNOFF: Thank you. Now, there are a lot of other proposals in the reform package. There are proposals with regard to standing; what kind of intervenors ought to get into it. We haven't really come to grips with that. There are proposals with regard to the conduct of the hearing, which we will get into, and they really go to the heart of this hybrid process; as to whether that's a good idea or a bad idea.

That's in the legislation, too.

And then finally, there are proposals that you must have talked about this morning; namely, how do you get rules out of adjudicated cases. And one of the proposals is that the licensing board or somebody else would recommend that a generic matter emerge from this contest. There ought to be a rule. Certainly, we have no objection to that. I think we have a problem. We have talked about that one, but we haven't put anything in writing yet.

Why should it depend upon the licensing board chairman to propose that; any of the parties might propose it. The staff might propose it, once you've made your decision. But that's a procedural nuance.

MR. REMICK: We just barely touched on that this morning. My view is that the staff, maybe ELD, is better able to determine what is of generic importance, rather than the board chairman.

MR. CHARNOFF: Actually, the way it's written it's ironic that if the board doesn't do it, or the board chairman doesn't do it, it sounds like it shouldn't be done. Whereas, we really ought to be lose about that and allow anybody to say well, out of this hearing we have these many pages of transcript; let's make this a generic matter. So then the board can't do it at its initiative; well, the staff could do it at its initiative. But the concept is not a bad concept. I mean, it

is worthwhile to look at that concept.

There were some other recommendations relating to some smaller matters like should the EDO issue the license rather than the board or the NRR, and none of those are terribly important. But we will be looking at those, and we will be getting another draft out somewhere in the future.

MR. LEWIS: Well, I think we'll be continuing our dialogue as all these develop anyway, and it's something to look forward to in the future.

MR. CHARNOFF: Will you be, or have you already written a letter to the Commission on the legislative package or not yet?

MR. LEWIS: We're in the midst of drafting it. We had a draft letter yesterday which had a greater measure of agreement, I must say, than I expected, so I think that actually a probability that we'll get out a letter in the next meeting has gone from zero to something finite.

MR. CHARNOFF: You have that privilege. We have to get it out.

MR. LEWIS: Well, it isn't a privilege; it's a right.

MR. CHARNOFF: Yes. Well, you'll be called tomorrow anyway, I'm sure, when and if they start their legislative hearings. The ACRS always gets going for that.

MR. LEWIS: Oh, yes, I have no doubt that we will be called upon.

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MR.CHARNOFF: I don't think the DOE bills have gone forth yet.

MR. GASKE: No, apparently not.

MR. CHARNOFF: I understand from trade press that

Representative Ottinger is preparing a draft which will go -
Dick Ottinger of New York -- which is a reaction from him to

the Con Edison hearings at Indian Point, which will urge more
and greater hearings on each amendment.

(Laughter.)

So there'll be something on their plate at Congress, and you said it might take six years. I think that's probably not unreasonable. It took five years to get an AFR bill out of the Congress.

But what's significant -- and we are, and I'm sure
you will be looking at it, too -- we really have looked at the
administrative reform package assuming no legislative change,
and we may have to revisit that if there are legislative changes.
But the fact is that most of these issues can be handled by
regulation. That doesn't mean Congress -- I differ with Vic
Gilinsky who thinks maybe we shouldn't go to Congress on this.
But I think we ought to put this issue of what is the hearing
all about before Congress. It's the only way it will get
accepted.

MR. LEWIS: But I don't think that the six-year life of the legislative decision ought to deter the agency from doing

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those things which it can do administratively.

MR.CHARNOFF: That's exactly correct. And we are going to say that, and I hope you will say that. I think that's very important.

MR. LEWIS: I hope we will say that, too, because this agency does have a tendency to find excuses not to do things.

MR. CHARNOFF: Yes. The backfit rule can be done right away. The raising of contentions could be done right away.

MR. LEWIS: Oh, absolutely.

MR. REMICK: The Commission a year and a half ago was just ready -- they had reached agreement on raising thresholds, and the Regulatory Reform Task Force was appointed and one of the commissioners said why should we decide it; let's give it to the Regulatory Reform Task Force, and they took a year and a half on it. And what's in here is basically what the Commission agree on, on contentions and on discovery.

Basically who e's in here is what a year and a half ago they were, after many meetings, had come to internal agreement.

MR. CHARNOFF: Those things can be done, and most of these things can be done. I'm not sure about the hybrid hearing. I think the hybrid hearing probably now, in light of all the history of how we've interpreted the Act in the past, probably ought to require legislative sanction. But apart from

that, almost everything else here can be done. MR. REMICK: How about the mandatory CP? MR. CHARNOFF: You're stuck with them. MR. LEWIS: But we don't have to worry about that for 5 the next few years. No, no. But if you want to get it MR. REMICK: passed, now is the time to be pushing for it. 8 MR. CHARNOFF: Incidentally, there was something in the legislative package that I didn't choose to even make an 10 issue of in the draft I was writing the other night, with 11 regard to the mandatory ACRS review, it would amend it to 12 include amendment to site permits and designs and so on. 13 my reaction was I don't have a problem with amendments to the standardized designs and so on, coming to -- do you really want 14 15 to be bothered with amendments to site permits and so on? Is 16 that necessary? Has anybody thought about that? I did not 17 raise it, and maybe I ought to. 18 MR. REMICK: Mostly, that's environmental matters 19 really. 20 MR. CHARNOFF: Sure. And this would make it mandatory that you review all site suitability determinations, and I can 21 see why maybe you ought to look at those. We all have some 22 23 question about looking at those at the outset. But certainly, amendments thereto to be of mandatory nature is just overloading 24 25

the burden, I think.

MR. REMICK: That's a good thought. MR. CHARNOFF: That's all I have for you. MR. REMICK: Thank you very much. MR. LEWIS: We're very grateful for your willingness 5 to come again, and we may make this a six-year dialogue. (Laughter.) 7 MR. CHARNOFF: If I get a draft out this week, why 8 don't I send you a copy? 9 MR. LEWIS: We'd very much like to see it, because we 10 will be saying something, hopefully, about all of these things. 11 MR.CHARNOFF: Okay. I'm going to try to get something 12 out of the committee tomorrow, which would mean I would get it 13 out Friday. Are you meeting this weekend on this? 14 MR. LEWIS: No. 15 Thank you very much. 16 (Whereupon, at 12:22 p.m., the meeting was 17 adjourned.) 18 20 21 22 23 24 25

CERTIFICATE OF PROCEEDINGS I hereby certify that the transcript of proceedings before: THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS, SUBCOMMITTEE ON REGULATORY POLICY AND PROCEDURES Date: March 16, 1983 Time: 8:30 a.m. Place: Washington, D.C. is true and correct. MARY SIMONS