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	NUCLEAR REGULATORY COMMISSION	
	THE REVIEW TEAM FOR REASSESSMENT OF THE NRC PROGRAM	
	FOR PROTECTING ALLEGERS AGAINST RETALIATION	
	PUBLIC MEETING	
		138
	Embassy Suites Hotel 3210 N.W. Grand Avenue	
	Phoenix, Arizona	
	Wednesday,	
	September 29, 1993	
	NUCLEAD DECULADRODY CONSTRUCTOR	
	NUCLEAR REGULARTORY COMMISSION:	
	James Lieberman, Chairman John T. Green	
	Brian Grimes	
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PROCEEDINGS

(9:00 a.m.)

CHAIRMAN LIEBERMAN: Good morning. I am James Lieberman, Chairman of the review team for reassessment on the NRC program for protecting allegers against retaliation.

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With me today from the review team, on my left is John Greeves, the director of the division of low level waste and the office of nuclear material safety and safeguards; on my right is John Grimes, the director of the division of operating reactor support and the office of nuclear reactor regulation.

Also with us today from the Nuclear 14 Regulatory Commission is Dick Brady from the 15 office of nuclear reactor regulation, Laben 16 Cob. -tz from my office, Randy Huey, our 17 enforcement officer from Region V, Gregg Cook, 18 our public affairs officer from Region V, Jim 19 Sloan, our resident inspector at Palo Verde 20 and Howard Wong, our section chief in Region V 21 responsible for Palo Verde.

This is the second session of the second of four public meetings to obtain comments from interested persons, including

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licensees, their contractors and their employees.

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At each of these meetings we are having an evening session and a morning session. The purpose of the meeting is to obtain information to assist the review team in evaluating current NRC activities and making recommendations to improve the regulatory process.

The evening section was provided to 10 make it easier for workers to provide us 11 comments. This morning's meeting will begin with a presentation from Arizona Public 13 Service Company to invite its comments and its 14 efforts to obtain employee concerns and safety 15 issues and any recommendations they might have 16 to improve its process. Then after that, we 17 will listen to comments from other persons.

The review team was formed at the direction of the Commission to consider whether NRC has taken sufficient steps within its authority to create an atmosphere within licensee's organizations where employees, including contract employees, feel free to raise safety issues without fear of

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retaliation.

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The review team is considering issues such as, one, whether the NRC has taken sufficient steps through regulations, policy statements and inspections to insure that licensees encourage their workers and contractors to raise safety issues.

Two, whether the current NRC process for handling allegations is appropriate from the perspective of the employee feeling free to raise safety issues to the NRC.

Three, whether NRC is sufficiently ¹² proactive in cases where employees raise ¹³ concerns or express fears that they may become ¹⁴ subject to retaliation if they do raise safety ¹⁵ issues in the future.

And four, whether the NRC policies are appropriate when discrimination may have occurred, including our relationships with the pepartment of Labor, treating the potential for chilling effects, performing investigations and taking enforcement action.

As I noted, we are seeking comments from both workers and licensees. We have published a federation notice seeking public 25

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comments. We have copies of the federal register on the table by the front entrance. We are accepting public comments through mid-October.

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We have also met with attorneys representing both workers and licensees. These efforts, including the meetings today, are intended for the purpose of employees. licensees and other concerned individuals to bring forth issues and ideas for our consideration.

Following the completion of the public meetings and the review of the written comments, we will be preparing a report to 14 submit to the Commission. We expect that 15 report to be submitted in January of 1994.

The issue before us is an important 17 NRC, even with its many inspectors, can one. only observe a fraction of license activities. 19 We will never have the knowledge possessed by 20 the thousands of employees in the nuclear 21 industry.

Employees in the nuclear industry have 23 clearly made contributions to the public 24 health and safety by coming forward with

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concerns. Employees must feel free to raise potential safety issues to the NRC; however, in the Commission's view it is not enough for employees to feel free to come directly to the NRC.

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Licensees have the first responsibility for safety. Thus employees must also feel free to raise safety issues to their management.

We recognize that there is ¹⁰ dissatisfaction with the current system. ¹¹ Employees are not always comfortable with ¹² raising safety issues. There are cases where ¹³ discrimination has occurred where employees ¹⁴ engaged in protected activities.

We are looking forward today for ideas and what actions NRC should consider to improve the regulatory process. I want to emphasize today that our purpose today is not to debate or resolve specific cases, but rather to gain ideas on how to improve the regulatory system.

The ground rules for this meeting will be that persons who desire to speak will need to check in at the table in the front of the 25

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room and a number will be provided to you and we will call the speakers in order of the numbers.

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We'll begin the presentation with Arizona Public Service Company. We have asked them to provide a presentation of about 30 minutes to us. After the discussion with the licensee, then we will open it to others.

Speakers will be allocated initially ten minutes to make their presentations, but given last evening's presentations, if people want to speaker longer, time will be provided.

We don't intend to debate the merits of the comments and please don't take our silence to mean that we either disagree or agree with the comments.

We recognize there may be some here ¹⁷ this morning who may not be comfortable in ¹⁸ public speaking before this audience. Those ¹⁹ individuals, as well as any of the speakers, ²⁰ if they have not done so, are invited to ²¹ submit written comments to us on the issues ²² raised in the federal register notice.

We have forms on the table by the 24 entrance with postage paid envelopes that you

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93

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We welcome each of you here today and appreciate your taking the time to meet with us. This is a transcribed meeting; speakers do not have to identify themselves by name, but it would be helpful if speakers would provide us some background on their past involvement in the nuclear industry so we can put their comments into perspective.

With that, we can begin the meeting. ¹⁰ If Mr. Conway would like to come up to the ¹¹ microphone, we can begin.

MR. CONWAY: Thank you. Mr. Chairman, ¹³ members of the task force, my name is ¹⁴ William F. Conway. I am the executive vice ¹⁵ president nuclear with the Arizona Public ¹⁶ Service Company.

I am pleased to have the opportunity ¹⁸ today to meet with your team and present my ¹⁹ remarks. You have a very important assignment ²⁰ and, on behalf of the Arizona Public Service ²¹ Company, who is the operator of the Palo Verde ²² Nuclear Generating Station, I am here to help ²³ support that effort.

You ple if course familiar with Palo

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Verde, one of the nation's largest, if not the largest, nuclear generating station. The station has a good record, been in operation for about five years distributing safe, reliable power to customers in Arizona, New Mexico, Texas and California.

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I am the senior nuclear officer for the Arizona Public Service Company. I have devoted virtually my entire professional life to the nuclear power business. I have served with the Institute of Nuclear Power Operations, was a member of their board of directors and head of the nuclear programs of several utilities.

Like you and others who have devoted 15 their careers to this industry, I am 16 instinctively drawn to the concept of defense 17 and depth, the basic safety principal of 18 nuclear design.

19 When we use that term, it generally refers to the multiple backup systems and the redundant safety hardware, which assure that 22 no single failure will trigger a serious event.

But defense and depth has yet another

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element, a human dimension. One of our most valuable assets is our corps of well-trained, thoroughly disciplined employees, who are really at the front line of this in-depth protective system. My words today are really addressed to them and the role they play in assuring nuclear safety.

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We have an extremely dedicated and highly qualified work force at Palo Verde. They perform splendidly in a very unforgiving industry in which a great deal is demanded of them. It tends to be very stressful work, but our employees perform day in and day out 13 in a professional manner which reflects credit on them and the company. We are very proud 15 of their contributions.

In addition to their assigned tasks, we ask something extra. We expect every 18 person on the plant site to promptly identify 19 and report hardware deficiencies, failures to 20 follow procedures and, in fact, any condition which could adversely affect safety, quality or reliability.

23 We place this burden on our work force for two reasons: first, to help fulfill our 25

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96

responsibility to protect the public health and safety; second, to preserve the enormous investment in the plant and its related equipment.

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Our employees are chosen for this very important task for one overriding reason; because of their skill and closeness to the work, they are in a unique position to spot and correct problems. So as I said earlier, our staff is an indispensable element of our defense in-depth concept.

For the most part, this system works very well. Employees understand their responsibility to report safety concerns. They do so conscientiously and supervisors respond appropriately.

As you know, however, things do not Work perfectly in the real world, especially in an area where so much depends on successful interactions between people. We have always actively solicited the assistance of our employees. In some instances, through personal meetings which I attended, to help identify safety and quality concerns. In October of 1992, the Nuclear

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Regulatory Commission surveyed employee attitudes toward raising safety concerns at Palo Verde and found that better than 92 percent of those interviewed felt free to raise safety concerns. An additional 5 percent, I should add, indicated that they may have a problem reporting safety concerns to someone in the line of progression above their supervisor and we found that very, very interesting. But not, I think, unusual.

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We remain concerned about the 11 possibility that there might be pockets of 12 employees with reservations about doing so, so 13 we retained Behavioral Consultant Services, an 14 independent consultant, in order to provide an 15 evaluation of the factors that impede or 16 encourage employees in the raising of safety 17 concerns.

We also asked them to recommend ¹⁹ actions to foster a positive environment in ²⁰ which employees are encouraged to make a ²¹ constructive input and supervisors are in fact ²² motivated to respond in a receptive manner. ²³

The BCS review has in fact provided a number of very, very valuable insights. We

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have in fact found several pockets where some employees do not feel comfortable in raising safety concerns with their supervisors.

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We intend to meet with management and supervisors in each of these areas and hold them personally accountable for correcting that situation. In addition, these will be among the areas most closely targeted for action in a site program aimed at fostering an environment and taking corrective action as necessary in order to insure the free flow of communications and concerns.

While we value direct communications ¹³ between employees and supervisors at all ¹⁴ levels, we also make provisions for other ¹⁵ means by which employees can raise concerns ¹⁶ if, for some reason, they do not feel ¹⁷ comfortable doing so through the normal ¹⁸ channels.

The Palo Verde employee concerns ²⁰ program affords employees an opportunity to ²¹ raise issues in confidence or even ²² anonymously.

We recently commissioned an
independent review of that employee concerns

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program. Duke Engineering Services has been retained to conduct an evaluation of the effectiveness of the program and its relationship to other organizations, including line management, to determine whether there are steps that can be taken to make the employee concerns program a more effective tool for everyone. This study should be completed within the next few weeks.

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I am personally a strong proponent of such programs, but real assurance that employees will communicate concerns comes from having a site at which there is a genuine sense of openness. Employees who feel free to express their views and supervisors who are truly receptive to hearing from the people who work for them.

This is the key finding, in fact, of the BCS study. The critical component and the starting point for all improvement is desensitizing supervisors to their critical position as listeners and communicators.

I would like to emphasize this point because it is so central to what I believe is your mission. It is similar to an observation

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which Chairman Selem made before the Senate Subcommittee on Nuclear Regulation in July of this year as well.

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Whether we refer to it as labor relations or industrial relations, the fact is clear that we are dealing with a problem of human relations, of interactions between people.

If I am correct, we do not need more regulations or new laws, but rather more emphasis on what we as professional managers are supposed to do best, motivating people to deal constructively with each other for the benefit of their common enterprise, which in this case is the safe and reliable operation of a nuclear power plant.

I am convinced that if this is done well, safety concerns and in fact all matters essential to successful operation will be effectively communicated.

This simple-sounding solution is easier to describe, of course, than to implement; and I guess that some of our recent experience at Palo Verde is testimony to that very fact. I will not discuss any specific

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101

case in detail. In some cases, legal proceedings are pending and in others considerations of privacy would make that an inappropriate thing to do.

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Suffice to say, we are not satisfied with some of our recent experience and that steps are being taken to deal with it. I will outline some of those initiatives in a moment.

As a matter of background, we have been trying for several years to create a site environment consistent with the ideal that I just described. Arizona Public Service 13 Company management has promulgated policies, 14 management expectation and standards documents, 15 which encourage employees to bring their 16 concerns to the company, or to the NRC if 17 they choose, and we make it abundantly clear 18 that they may do so without fear of 19 retribution of any type.

Maetings were held with employees and supervisors emphasizing the appropriate roles of each in handling safety concerns. I met personally with Palo Verde managers, supervisors and directors in sessions designed

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to encourage them to build an atmosphere in which employees and contractor personnel feel absolutely free to raise safety concerns.

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I emphasized the absolute responsibility of managers and supervisors to assure that such communications occur in a nonthreatening environment, free of any possibility or perception of retaliation. More generally, I stressed the need for sensitivity to employee concerns and the importance of being responsive to them.

We also initiated a special civil treatment course for managers. A range of 13 employment discrimination categories is 14 covered, including specific instructions on 15 how to interact and respond to employees who 16 raise nuclear safety and quality concerns. In 17 addition to lectures, the training encompasses 18 interactive role playing in order to emphasize 19 appropriate responses in the context of real 20 life situations.

This training will be expanded and ²² provided to all front line employees as well. ²³ We are devoting particular emphasis to ²⁴ supervisory training because one of the ²⁵

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insights gained from the BCS study is that the key to successful communication and resolution of concerns is the attitude and responses of the first line supervision when these matters are brought to their attention.

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Additional sessions are planned on the interaction between supervisors and employees regarding the raising of safety and quality concerns. Other sessions will emphasize the rights and responsibilities of nuclear workers and the resources available to support them, including our employee concerns program.

There are many other changes underway at the facility, personnel and organizational, all of which are designed to address institutional and other obstacles in order to free the ability for open communication.

In the last analysis, however, it is the results that will count. Toward that end, we have advised supervisors and managers that their ability to create a receptive work environment, one in which employees feel completely free to raise any concerns, will be reflected in performance evaluations. Demonstrable success in reestablishing

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trust between employees and management will be treated as a prime performance indicator of good management practices and professional behavior.

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Before turning to some closing remarks, I would like to briefly address some of the questions in the federal register notice announcing the creation of your review team.

On the general question of whether it might be desirable for the NRC to spell out requirements for acceptable employee concerns programs, I have certain reservations. In principle, a general set of criteria and a policy statement might not be objectionable if the criteria were phrased in broad terms which 16 allowed licensees reasonable flexibility.

17 I am concerned, however, that either 18 in spelling out the criteria or in inspecting 19 against them, the requirements will become very prescriptive. My experience suggests 21 that the program must be tailored to the 22 specific characteristics and culture of a 23 given site.

At one site that I am familiar with,

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a key player in the employee concerns program was a single long-term employee, whom the workers respected and trusted and whom they looked to for assurance that their concerns would be fully and faithfully handled.

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If a program of that type works in 6 one place, it should be allowed to continue. 7 Another situation may require a more formal 8 program. Regulatory solutions in this area should be approached very carefully so that 9 the benefits of a health diversity of approaches among licensees are not lost.

On the matter of referring allegations 13 to licensees, my views are based on a 14 principal which I think every one of us 15 shares. The licensee has the nondelegable 16 responsibility for the safety of operations. 17 It follows that in all, except the most 18 extraordinary cases, allegations should be 19 referred to the licensee, the organization 20 with the best capability and the ultimate 21 responsibility for protecting the public 22 health and safety.

23 I recognize the concern that the 24 employee making the allegation may fear the 25

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responsibility or the possibility of retaliation, but I believe the law affords ample protection for the employee and, as a practical manner, it is highly unlikely that any employer would react in that fashion in dispositioning an allegation referred by the NRC.

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With respect to the Department of Labor and Nuclear Regulatory Commission interface, I am generally in agreement with the position that has been expressed by others in the industry. The relationship between the agencies is not dysfunctional and I strongly believe in the value of allowing the Department of Labor mediation process to work.

This is a labor relations problem and ¹⁶ I think the Department of Labor brings very ¹⁷ special skills to that particular table. Of ¹⁸ course, if there is evidence of deliberate, ¹⁹ widespread intimidation or harassment, then ²⁰ prompt Nuclear Regulatory Commission ²¹ intervention may be required.

As a general matter, however, I would ²³ not be inclined to tinker with the present ²⁴ arrangements under the Department of Labor

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There has been some discussion of the extent to which licensees should be responsible for the action of their contractors who violate whistle blower protection requirements. As a general matter, the licensee is responsible for everything that goes on at its site and that is as it should be.

However, it seems to me that if the 11 licensee has taken all reasonable measures to assure the protection of all employees, 13 including contractors, for example, by way of 14 publishing and otherwise disseminating its policies on employee protection, providing 16 instruction and training to contractors and 17 their employees and such other steps as may be 18 appropriate, then the full burden of punitive 19 or other enforcement action should properly fall on the contractor.

I know there have been questions ²² raised about the effectiveness of chilling ²³ effect letters. You should have no doubt ²⁴ about their impact. Speaking at least for

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Arizona Public Service Company, the impact of these letters is extremely significant.

They sound an alarm throughout the organization. They trigger meaningful action and the commitments made in response to the letters are taken very seriously. It is an effective regulatory tool.

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Relatedly, in the general area of enforcement, I share the skepticism expressed by Chairman Selem and others that significantly greater penalties would have any material effect in dealing with this issue. I can assure you that the adverse publicity associated with any civil penalty, but particularly one for a violation of Section 50.7, completely overwhelms the amount of the penalty.

I would be happy to share my thoughts with you on any other aspect of the policy issue you have under review, but I'd like first to make a few closing observations relating to our operation at Palo Verde and our corporate policy on employee concerns.

We have come to the conclusion that establishing an atmosphere conducive to open

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communication is at the very heart of the issue we are discussing today. Our chief 2 executive officer, Mark DeMichael, in a memo to all Palo Verde personnel last month, emphasized that employees who identify safety 5 concerns perform an invaluable service for the 6 company and the public, and that our managers 7 and supervisory personnel -- and I 8 quote -- have a special responsibility to 63 foster an atmosphere in which conscientious employees know that their concerns will be 11 treated seriously and that they may be 12 expressed without fear, retribution or other 13 adverse consequences, unquote.

I can tell you that nothing short of full compliance with these expectations and policies will be acceptable to Arizona Public Service Company. This is a message which we have conveyed in several all-hands meetings, which Mr. DeMichael and I have conducted and which we will continue to drive home at every opportunity.

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I appreciate the opportunity to
present these remarks and I would be happy to
respond to any of the panel's questions.

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Thank you.

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CHAIRMAN LIEBERMAN: Thank you. I certainly agree with the philosophy you stated, Mr. Conway. The challenge for all of us in the industry is to get that philosophy to all the supervisors throughout the industry.

I have several questions -- I know my panel members here also have some questions.

The first one I have is, your view on employee concerns programs, that they should be tailored to the culture and uniqueness at the very sites. How should NRC go about evaluating whether at a particular site an employee concerns program is effective, that employees are using them, that they are responsive to the employee's concerns and things like that?

MR. CONWAY: I think that provides an opportunity for the resident inspectors to accomplish that kind of survey. I know for a fact that at our facility there have been in the past questions raised by resident inspectors relative to our employee concerns program and I think that is a vehicle that

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can provide an excellent opportunity for the NRC to survey, if you will, on an individual site basis, the appropriateness of the program at that particular plant site.

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I really believe that tailoring is probably an appropriate thing to do. There are plants, I think, who have very effective programs and I think the trust factor associated with them spells out the fact that employees believe that they can become involved with that type of program and it serves their purpose.

On the other hand, as I said in my prepared statement, I believe that if certain facilities find they have to do something in a more explosive manner, if you will, then that's something that should be tailored for that precise site.

¹⁸ CHAIRMAN LIEBERMAN: Any thoughts on ¹⁹ NRC providing a written survey form to all ²⁰ employees being sent back to the NRC to have ²¹ evaluate?

MR. CONWAY: Your question is, should the NRC survey employees? I don't think that is something I would find egregious. That 5

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happened at our facility, as you probably know, and I mentioned that in my prepared text. It was, what I think was described as a rather quick and dirty survey and certainly not as comprehensive as the one we had BCS perform for us.

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But on the other hand, quite candidly, the numbers came out reasonably close. So I suspect -- I don't think there should be an avoidance associated with that kind of an NRC suggestion. I think it may very well tell you some information that you probably don't know but what maybe would more in fact comply with the thoughts I have on the overall issue.

CHAIRMAN LIEBERMAN: You noted that you thought that we should normally refer allegations that we receive back to the licensee for investigation and resolution.

Do you have any thoughts on NRC ¹⁹ sharing the results of the licensee's reviews ²⁰ that they submit to NRC with the person ²¹ raising the issue to us before we make our ²² final decision on how to close out the ²³ allegation?

MR. CONWAY: Let me tell you one of

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the real problems I have and I didn't state it in my prepared text. There are, as you have indicated, occasions when the NRC will send a letter to the licensee stating that an allegation has been raised and the letter will clearly indicate that a response to that through our own investigation is required within 30 days.

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We find ourselves in a position where, yes, we know that something was raised, but frequently one can go on an egghunt to try and figure out exactly how to investigate and provide the absolute corrective action, if in fact it's necessary, to that kind of allegation.

But I guess to your point, and I ¹⁶ think the real question was, would we have a ¹⁷ problem as licensees if you informed an ¹⁸ individual who raised an allegation what the ¹⁹ results of that allegation may be? I don't ²⁰ have any personal problem with that.

CHAIRMAN LIEBERMAN: And sharing the documentation that the licensee provided with the Agency?

MR. CONWAY: I believe that we have I

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think emphatically stated the need for free and open communication and I think that reasonably falls within that particular charter.

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CHAIRMAN LIEBERMAN: Okay, in talking about enforcement action where the licensee is acting responsibly in training contractors or assuring training occurs and supervising contractors and the supervisor discriminates, I think you said that enforcement action, if any, should be focused on the individual and not the licensee.

MR. CONWAY: If you're talking about a ¹³ licensee supervisor; or are you talking about ¹⁴ a contractor supervisor?

¹⁵ CHAIRMAN LIEBERMAN: Well, your ¹⁶ remarks I think addressed the contractor ¹⁷ supervisor.

MR. CONWAY: Yes.

CHAIRMAN LIEBERMAN: And my question is your views on the licensee supervisor, where he's been trained, easily supervised, the message is out as to what the company's expectations are and, for whatever reason, the supervisor chooses to discriminate.

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MR. CONWAY: Against a contractor or anybody?

CHAIRMAN LIEBERMAN: Anybody.

MR. CONWAY: He's wrong.

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CHAIRMAN LIEBERMAN: Correct. But should we be taking enforcement action solely against the individual supervisor or the licensee, or both?

MR. CONWAY: I think perhaps we're at the point in the industry's clock where it would not be unusual for enforcement action to be imposed against an individual. I mean, the opportunity exists today with a licensed operator to suffer, if you will, the same type of affliction and I don't see why there should be any separation between one entity and another.

CHAIRMAN LIEBERMAN: Okay, thank you. ¹⁸ Brian?

MR. GRIMES: First, just a background question. I asked Mr. Conway last week just to put things in perspective in terms of number of concerns handled.

Could you give a feel for -- you have normal processes for identifying problems in

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the facility and taking corrective action, both in your maintenance area and your QA areas.

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Can you give maybe a yearly estimate of how many items are handled through those processes and then how many items are handled through the employee concerns group?

MR. CONWAY: Well, I can give you a number with respect to employee concerns and I would suggest that within the last year, nominally, 250 to 300 concerns have been addressed or received by the employee concerns program.

And as you have stated, there are a ¹⁴ myriad of other opportunities for those kinds ¹⁵ of concerns to be raised outside the employee ¹⁶ concern program through quality assurance ¹⁷ monitoring, through audit reports associated ¹⁸ with quality assurance activities.

And, in fact, at Palo Verde we have another type of program in which people can submit any condition that they discover. It could range anywhere from a defective water bubble to perhaps a leaking valve or to a system that they feel has an inappropriate operational history.

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It is awfully tough, I think, to try and give you a number. Perhaps in the order of 1,000 a year, but it would be an estimate on my part. I haven't gone back and counted all the ingredients, if you will, associated with the various types of programs we have, but perhaps 1,000, perhaps 1,200.

We encourage people to do that and I think that tends to increases, hopefully and thankfully, the number of concerns that people will either address through some manner, through some program.

MR. GRIMES: I was speaking to your words on defense and depth and we recognize the employee concerns and the NRC availability is a second and third level of opportunity. We would like the base level programs to function well.

Just for the record, I think there were probably 70 or 80 items brought to the NRC in the last year at Palo Verde, so that gives another perspective on --

²³ MR. CONWAY: Well, we know and we ²⁴ know through the results of the report that ²⁵

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was used in Senator Lieberman's hearing in July that there were in the order of 72 that you received over the last four-and-a-half years. So I'm not sure when you state that it was within the last year -- I want to be sure that --

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MR. GRIMES: I may have got a wrong number in my head.

MR. CONWAY: Yeah, but see, that creates a problem for us, a problem in the sense that they're out there and you know they're out there and we can't always feel terribly comfortable that we're able to address those promptly if you know them and we don't.

MR. GRIMES: Right. No, I think it's 16 very important for the NRC to communicate at 17 least the substance of chose problems to you. 18 How do you feel about the NRC 19 following up and raising these concerns as 20 substantive concerns in the inspection process without specifically identifying them as allegations? In other words, bringing those 23 things up in a substantive manner so you are 24 aware of them, but without identifying them

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specifically as allegations.

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MR. CONWAY: Well, I believe they should be identified and I believe, as I stated in my prepared text, that we should have the opportunity to address those right off the top.

I think that's our responsibility and I think you should handle it such that it is our responsibility in order to do something like that and if you feel, as the regulator, that we're not handling that properly, then of course you have every opportunity to address us in that regard as well.

MR. GRIMES: Going back to your 14 comments on your consultant reports, could you 15 elaborate a little bit. I take the first 16 report was to kind of provide a base line and 17 then Duke Engineering Services is to provide 18 actual modifications to your processes?

MR. CONWAY: Two distinct thoughts here. The Behavioral Consultant Services survey that we had conducted was in fact a spinoff of the quick survey that was done by the NRC perhaps a year ago.

As a result of the findings that I

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indicated earlier where 92 percent of the people indicated they would not have a problem raising concerns to their immediate supervisor, we concluded that the remaining 8 percent that we didn't know about. Where in the organization or where located in the organization were the 8 percent?

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So we elected to go out and get this 8 independent survey conducted. And within the 9 last two to three weeks, we have received that final report and, as I indicated in my prepared text, there were pockets identified that now for the first time in our history, 13 we know through surveying of employees -- and 1.4 I must tell you that there were in excess of 15 2,800 employees, contractors as well as APS 16 employees -- who responded to the survey, a very large, well into the 90 percent range.

What we concluded from that, there 19 were five pockets. I should tell you that as we conducted this survey, there was considerable interaction on a discussion basis between myself and the region; and it is still our intent to provide the region with an 24 update of what we discovered, what we found. 25

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That response is in preparation as we speak today, so we will share that information.

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But what we found were five pockets. We know where those five pockets are and, as I identified in my text, we're taking the appropriate planning action in order to go out and speak -- I guess that's the correct term -- to people who are located in those pockets, shake the fruit off the tree and see where it takes us.

MR. GRIMES: And the Duke Engineering contract is a --

MR. CONWAY: Duke is a different situation.

Duke was brought in at my behest to ¹⁵ ascertain whether in fact we have in their ¹⁶ view, because they have done this kind of ¹⁷ thing before in other facilities, whether we ¹⁸ have the ingredients for a good solid workable ¹⁹ employee concerns program.

We expect to get the results of that ²¹ within the next couple of weeks from that ²² organization and that will tell us whether, at ²³ least from an outsider's perspective, we have ²⁴ the appropriate tools in place from a

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programmatic aspect, to say yes, we have a very viable program, now what do we have to do if programmatically we're okay, to make it functional to the extent that it's a usable product and people view it as a usable product.

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MR. GRIMES: I understand. Back on the previous survey that identified the pockets, I guess the panel would be interested, not from the standpoint of specific results that you found, but in the methodology that was used in that survey, the type of questions that were asked, those kind of things, if that could be shared with the panel that would be very useful.

MR. CONWAY: Yes, absolutely.

MR. GRIMES: Thank you. Your thoughts on the NRC role, you mentioned that we don't need new regulations, that we really need to put the evidence on motivating people to do what they know they should do, what's the NRC role in all this? I'm thinking not just Palo Verde, but across the industry.

²³ MR. CONWAY: I think, given the fact ²⁴ that I have raised an issue relative to our ²⁵

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unawareness of allegations that you might have -- and I'll reflect on the 72 that were identified at Senator Lieberman's hearing -- that aside for the moment, I believe that you have all the appropriate hardware on your shelves right now to make a determination as to whether we are effectively handling employee concerns in the manner in which we should. I don't believe you need anything else to be able to react and enforce that, if necessary.

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I still, though, have a problem with what I will refer to as the unknowns and those are the things that I think are extremely frustrating to a licensee in trying to deal with the overall bag, if you will.

We have now a situation where there are some that we become aware of through our own processes, but there are some we never become aware of until somebody like a Senator Lieberman holds a hearing. And I have to be candid with you, that was the first time that I ever knew that for the last four and a hulf years you were in possession of 72 allegations with respect to this organization.

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MR. GRIMES: Okay. So if I could summarize what I think I heard, that the NRC role does not need to be in a prescriptive way measuring against specific criteria, but rather doing some more qualitative evaluation of whether the processes are working?

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MR. CONWAY: I think the implementation of existing processes will suffice to get the attention of those licensees who haven't been awakened to it at this point.

MR. GRIMES: One more question on your comments on the enforcement burden falling on contractors where they are at fault, I guess we're faced with the situation of what's the licensee's responsibility to make sure there are appropriate contract provisions or appropriate training for the contractors included.

What are your thoughts on how we should divide up the responsibility in the case where contractor supervisor --

MR. CONWAY: Let me tell you what we've done. I have two documents here which you're welcome to take, if you like.

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One document is a letter or a sample of a letter that was forwarded to people with whom we do contract work and it's dated March 8, 1993, and it advises people with respect to nuclear whistle blower protection and of course it's a spinoff of the reinforcement we received from your agency on the need, the essentials for making sure that contractors understand what their responsibility should be with respect to whistle blowers.

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I also have a copy of a contract change order that reinforced that particular letter or that type of letter. I would be happy to pass that on to you because it does in fact identify clearly to our contractors what the nuclear whistle blower protection atmosphere is really all about and it's attached to each contract that we send out to people who do contract work for us.

MR. GRIMES: Your comments on the enforcement burden falling on the contractor would assume that this sort of thing had been done by the licensee to -- reasonable measures have been taken by the licensee to make sure

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they were aware of --

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MR. CONWAY: I certainly believe from the aspect of our organization, we quickly jumped on the need to do that. And, as I indicated, this goes back to the March 1993 time frame and we in fact did it.

MR. GRIMES: I was speaking in a more general case of --

MR. CONWAY: I think all contractors should be aware of what I believe their responsibilities are in the area, much the same as I recognize and believe the responsibilities we as a licensee have.

MR. GRIMES: Do you think there's a need for any NRC regulations or statements in that area? Part 21, for example, puts certain burdens directly on contractors.

MR. CONWAY: I'll go back, I guess, ¹⁸ to what I responded to earlier to one of your ¹⁹ questions and that is, how or what kind of ²⁰ mechanics do you have in order to provide ²¹ assurance to yourselves that in fact a ²² licensee is doing the right thing in this ²³ arena?

And I think again, it would not be

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beyond the purview of your processor, the actions of a site resident inspector to perhaps ask the question periodically like, what are you doing with respect to this kind of situation? And we should be able to provide what I'm going to provide you.

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MR. GRIMES: Thank you. That completes my questions. We would be interested in getting a copy of what you just referred to.

MR. CONWAY: I have it right here. CHAIRMAN LIEBERMAN: Just a couple of areas that have been troubling me, I thought you maybe you might be able to shed some light on.

One is, you talk about unknowns in terms of allegations that we receive that you don't know about. There was an unknown that people have been expressing in terms of comments about, I raise concerns and I wonder, how does that affect my promotion possibilities? How does that affect my job assignments in terms of going to, maybe a preferred job.

We're heard comments about this, we've

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gotten written comments about this. It troubles me. How do you mean with that? I'd be interested in any thoughts you have now and maybe any followup you might want to provide us.

I'm trouble with how to address that. It's hard to pin down, but it's the same kind of thing you were talking about. You'd like to know what those allegations are? Well, these people would like to know, are my chances of promotion being affected because I raised three safety concerns? And I'm trouble by how to sort that out.

As I said, if you have some thoughts now or later, I'd appreciate hearing them.

MR. CONWAY: Well, my initial impulse is there are many, many people I think in any organization -- not necessarily this one, but any organization -- who can and will, regardless I think of what may be in place within that organization question, why me rather than he?

And I guess I share the same ²³ frustration level you may have. I recognize ²⁴ it's an imperfect world and I don't for the ²⁵

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moment believe that I can even remotely try to convince you that there's an absolutely panacea associated with being able to solve those problems.

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I think we have to go after and chase down those kind of concerns, those kind of issues. They are, in my opinion, based on many, many interactions I've had with people, shared by perhaps a minimum of people in the organization, which doesn't mean that it's not something that's important and should be chased down, but I'd be absolutely remiss and dishonest, I guess, if I indicated to you that I had an absolute solution as to how to fix that.

CHAIRMAN LIEBERMAN: If you have further thoughts on it, that is one item I'd appreciate hearing from you on.

MR. CONWAY: I will.

CHAIRMAN LIEBERMAN: The second one is, you mentioned the process is acceptable the way it exists now. One that troubles me is the length of time it takes to get through the DOL process. It takes literally years and that hurts both sides, the person who has been

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accused and the accuser and it just drags the thing out.

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We've got to find ways to make the process more timely. It hurts everybody and to me that is a functional problem that we have. Do you have any ideas or thoughts on that?

MR. CONWAY: I do. And I hope you excuse the way I form them. I don't frankly see a great deal of difference between the amount of time that it takes a federal agency such as the Department of Labor to reach a conclusion on anything.

I don't view that much differently than I view your organization, for example, another arm of the federal government, in trying to deal with issues, like perhaps a technical specification change, that could take as long if not longer than perhaps some of the reactions, results, decisions from the Department of Labor.

Forgive me if I say I believe it may ²² be a disease associated with the way we do ²³ business -- and I say we, I have similar ²⁴ problems, I don't get things turned out in ²⁵

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perhaps 30 days like I'd like to as well. But I don't think this is a special piece, I think it's endemic and I think it's part of the way we've learned to do business over the years. It's wrong, but I think that's the way it is.

CHAIRMAN LIEBERMAN: To me it's a special piece because it affects individuals. A lot of the decisions that I believe you're referring to affects positions that we're taking globally across the industry, et cetera.

But these affect individuals and I think it's incumbent upon all of us to look for ways to expedite that process. So again, if you have ideas on how to do that, I'd 16 appreciate hearing about those.

MR. CONWAY: Well, let me give you 18 And again, forgive me for my frankness. one,

You as an agency, I think, have learned to react very responsibly when someone like a congressional committee brings some of your people to the Hill and makes a strong appointed emphasis on the fact that something 24 has to get done.

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Perhaps holding DOL's feet to the fire would not be illogical as well.

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CHAIRMAN LIEBERMAN: Thank you.

We understand they're also going to have an opportunity to appear before the Hill, too. Maybe that will have an effect.

MR. CONWAY: No one should be excused from a bonus.

CHAIRMAN LIEBERMAN: Just a few more questions. In other meetings, the comments we've received, questions have arisen as to how issues raised in various employee concern programs should be documented, the degree of documentation.

Some have suggested that a concern that is looked into by the employee concerns program should be documented in the same manner that a deficiency that is raised within the quality assurance program is documented in accordance with Appendix B. Do you have any thoughts on that?

MR. CONWAY: Yes, I do. I think if an employee requests anonymity through the process, that to the very ultimate extent should be honored. As someone indicated last night, I think there's always a possibility, depending on what the particular issue is, that it can find itself in such a narrow corner that perhaps it's somewhat impossible to shield that anonymity.

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But I don't think it should be identified as something that would be similar to a maintenance request, for example. I think there has to be -- the trust factor that has to be implicit in that kind of a program I think has to be able to, to the very greatest extent, kept within the confines of what we advertised those kinds of programs to be.

CHAIRMAN LIEBERMAN: You're referring to protecting identity of individuals. But putting that issue to one side, referring more to making sure that the people who look into matters are qualified in the particular area, that they document what they looked at and how they resolved the issue as you would any other technical concern arising during an Appendix B type of --

MR. CONWAY: And retained in the archives of that program?

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CHAIRMAN LIBERMAN: Correct. MR. CONWAY: I think that's appropriate.

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CHAIRMAN LIEBERMAN: You mentioned that you didn't appreciate the number of allegations that NRC had received for Palo Verde. Do you have any thoughts on NRC periodically publishing the number of allegations we receive by plant and the number of complaints filed with DOL by employees at a given plant?

MR. CONWAY: When you say publish, you're talking something like PDR material? CHAIRMAN LIEBERMAN: Correct.

MR. CONWAY: I don't think that's terribly egregious, but I do think it is if the licensee becomes aware of it through that vehicle for the first time.

CHAIRMAN LIEBERMAN: I appreciate ¹⁹ that. Your point I think was very clear that ²⁰ you want to understand what issues pertain to ²¹ your plan so you can deal with it.

MR. CONWAY: Correct.

CHAIRMAN LIEBERMAN: I'm thinking of the idea of by publishing a list of numbers 25

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of allegations. It may build a competition within the industry to try to have a minimum number of allegations and encourage more of their employee concerns programs to be more effective.

MR. CONWAY: I don't think that's a bad practice.

CHAIRMAN LIEBERMAN: Okay. Well, we thank you very much for your views today.

MR. CONWAY: I appreciate the opportunity to provide them. Can I give you these now or would you prefer to wait?

CHAIRMAN LIEBERMAN: Now would be fine.

Laben, have we had any individuals who ¹⁵ are interested in speaking? Speaker ¹⁶ Number 21, will you come to the microphone?

MR. LANGDORF: Good morning, my name 18 is Scott Langdorf and I'm a senior tech at 19 Unit 1 INC.

My co-worker was here last evening. I had no intention of showing up here but after his description I felt he needed some support.

I didn't bring any material, but I 24 called and got some numbers that I felt would 25

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address my co-worker's discussion last night about some of the -- not necessarily -- but anyway, I wrote a critter (ph) last year on a reactor pump seal bleedoff alarm card that has contacts failed.

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At the time I didn't realize this was a result of when RK got cross-connected to the 280-volt system, but I went in the confrontation with the foreman, Michael Grigsby, and I almost came into a shouting match to convince the man that this card was bad.

The critter is 3-2-0388 and I'm still a little dismayed with its disposition, the conclusion that was reached with that vehicle, in that out of that grew -- maybe reprisal is too harsh of a term -- but I went through human resources and didn't have a resolution through that.

¹⁹ The man is now going up to be an STA ²⁰ and I'm the guy that my partner referenced as ²¹ having been denied through the bid process a ²² position which I forced the equity system to ²³ work, but I think under the circumstances, any ²⁴ rational man who would simply read the

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procedures would have realized that it should have never gone that far.

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Sometimes I feel the sincerity of the people in charge might be questioned, their commitment to what they write down on the paper and the way they go about implementing -- it looks good, but in practice it doesn't seem to function as well as it's written.

Another example would be a critter I wrote -- 1-3-0234. This is a critter on a 11 fire protection panel, which two years ago I 12 mentioned to the system engineer that there was a relay configuration in there to reset 14 this alarm that didn't function in a testing mode that was doggone annoying because the 16 alarm couldn't be silenced; then as it turns out -- I found out about this during the 18 battery equalization test when the UV detector 19 was bad.

But I talked to him, he said, yeah, ²¹ sure, I'll take care of it. Well, it came ²² around a year later when it hadn't been taken ²³ care of and I wrote it up again. This time I ²⁴ wrote the critter and the system engineer's

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resolution on the critter -- I'm not sure how he arrived at his conclusion the way I'd written it -- and you pull these up, I'm sure you might even be able to get a faxed copy of them before I leave -- I came off a 12-hour shift this evening, my night shift and I didn't plan to be here but I'm here now.

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This again speaks to the implementation of the sincerity that goes to that program, that sometimes in practice it gets overlooked.

Then here recently I wrote a critter, 1-3-0481, which was an AC/TC rigging device we 13 made in the shop in INC and I was supposed to 14 test it. But after looking at the load it 15 was going to undergo in testing and the way 16 the thimbles were constructed, it seemed to me 17 and when I talked to the rigging guys and the 18 mechanical foreman who was there who was going 19 to be -- that it wouldn't make it.

So I went ahead and wrote the critter and had it addressed. I don't doubt that this cable could lift houses off their foundations without failing; it's not that I'm worried that any of these would actually

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result in the meltdown of the reactor, these contaminations to the public.

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But the way in which they were dispositioned, specifically the pump, the first one I mentioned, the fire protection on the second one I mentioned and the rigging, which wouldn't pass by our own procedure and initial inspection for lifting devices, is in use.

Although to the compliment of those in charge, a new lifting rig was ordered from an outfit here in town, which was part of the suggestion of the critter and they could have easily had that lifting rig at the site well before it was required to be used. But it wasn't and the one I was supposed to test is in use. And I don't think it's going to break.

To the compliment of the company, the ¹⁹ critter program is pretty dynamite. ²⁰ Unfortunately, it gets shut down from time to ²¹ time and the not being promoted deal is an ²² example.

I believe you had Mike Salazar here last night. As I understand it, he's a 25 supervisor of motor-operated valves. Now, I don't know how they run their outfit, but the supervisor in mine is twice removed from picking up a wrench.

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His division also had 14 bids last year for in-house and out of that, one of the fellows in my shop was denied that, only two in-house people were accepted into his and 12 other contractors who previously worked for him were ruled in.

The foreman I had my disagreement with over the critter, the first one I mentioned, 3-2-0388, is now in STA training. And though you can't definitively -- and I couldn't draw the conclusions -- and I only see a small portion of what happens; as an INC tech I'm not privy to memos or other information, but after the way dealing with human resources on a few occasions I have, they're not in the position of promoting or supporting me.

And the guys I was dealing with was ²¹ Rubin Sanchez, Scott McFarland and Keith ²² Davis. So I'd be willing to answer some ²³ questions and, also to the company's ²⁴ compliment, a few years ago they instituted a ²⁵

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program to redraw the drawings that I use to do my job with. Man, I'll tell you, those are the best things I've ever had now.

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They've also finally gotten around to, after -- I've been with the company for six years and the previous six years I spent as a reactor operator in the Navy -- they've finally got around and given me techs that I can use and are high quality. Those drawings are dynamite.

And finally, through standards to the company's compliment, and the infusion of INC techs from my unit, we have procedures now 13 that are finally workable and the guys up there are responsive to when we have 15 suggestions to make to them.

So this company -- in regard to the tools I need to implement and do my job has 18 vastly improved over what it was six years 19 ago; however, I felt that my partner in the shop might have needed a little support so I bring three critters, an RCP-1, to address the fact that I have a foreman, who even going to HR, I've never gotten an apology from, which I 24 nearly came to a shouting match.

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I didn't feel that was appropriate, that it should ever go so far for him to tell me that a card that is obviously bad, is good, just log it down and continue on and put me on the spot like that, bothered me.

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Then to have subsequent retribution which went through HR, which in no way was a result in my favor and is also now going up for SCA training and seems to get some good treatment.

The fire protection critter, which was dispositioned initially incorrectly and I recontacted the engineer to pursue that, that's now supposed to be taken care of with a work request at some time in the future.

And the rigging is to address that the quality that is acceptable to those that are in charge, their idea of what is a quality piece of equipment is not really good.

And if you pull that critter up and the pictures I submitted with it, I think you might agree. Especially when the alternative was so easy, just to call downtown and order that sucker and, as I understand it for the riggers, something like that could be

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delivered -- and I wrote it in the critter -- within four hours of the placement of the order.

But that speaks to the sincerity and the commitment -- at least at the level of management that I routinely deal with. That's all.

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CHAIRMAN LIEBERMAN: Have you utilized the employee concerns programs for any of your concerns?

MR. LANGDORF: No, I haven't. The concerns I have, as for safety, I don't see any of these impacting the fact that we're going to suffer a meltdown that's going to impair safety systems, that we're going to have a catastrophe.

As regards nuclear safety, I don't 17 sweat that we're going to have a problem. 18 It's a well-designed plant and we take care of 19 it.

CHAIRMAN LIEBERMAN: Do you feel the employee concerns program is only usable for safety issues versus general procedural concerns or the other type things you've been referring to?

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MR. LANGDORF: Pretty much, yes. They have their human resources program, and through the equity process, which I finally forced to work and it did work in my favor, although I'm not at rework yet -- but that's all right, I agreed to stay for the outage -- it was oppressive.

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CHAIRMAN LIEBERMAN: Do you have any thoughts on how to improve the process?

MR. LANGDORF: Have them follow their procedures.

CHAIRMAN [IEBERMAN: Okay, thank you very much.

Next speaker, Number 22?

MR. CLARK: Good morning, my name is 15 Jude Clark. I'm an employee of Arizona Public 16 Service assigned to the Palo Verde Nuclear 17 Station. I'd like to take this opportunity to 18 thank you for allowing me to address this 19 forum.

My career in nuclear power began in 21 1972. Since that time, I have been employed as an engineer, operator and a technician. My 23 formal education includes a Bachelor of Science Degree in nuclear technology and

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post-graduate studies toward a Master's Degree in project management. I am also a graduate of the Naval nuclear power program.

I began my employment with Arizona Public Service in 1982 assigned to the Palo Verde station. I am presently assigned to the nuclear projects department as a primary discipline engineer.

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First, it's important -- I'm extremely nervous, so bear with me.

CHAIRMAN LIEBERMAN: Take your time.

MR. CLARK: It is important for me to note that I do not come here with intent to incite nor to single out any individual. Rather, I am here to address an issue that has caused great distress to innocent 16 individuals and the industry and that is the rights of the whistle blower.

While it is imperative that we must 19 protect the rights of individuals who, for whatever reason, feel they must move outside 21 of the established process to notify regulatory agencies of potentially unresolved safety issues, it is equally imperative that we insure these protections do not include

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protection of claims which are found to be unsubstantiated, malicious or, worst of all, fraudulent.

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I have been subjected to the unsubstantiated claims of a protected individual. I have been required to sit through hours of investigation by various members of company management based solely on the accusations of a protected employee whom I was not allowed to face nor question.

I was subpoenaed for deposition by the protected employee and required to address questions pertaining to my professionalism, character and integrity without benefit of redress.

Indeed, when I sought advice of ¹⁶ counsel on what avenues were available to ¹⁷ prevent being subjected to further scrutiny, ¹⁸ as a result of unsubstantiated claims, I was ¹⁹ informed that if I believed I was being ²⁰ harassed or discriminated against, I could ²¹ also seek protection under the auspices of the ²² law and become a whistle blower myself.

When I chose to protect myself from ²⁴ further involvement by not communicating with

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this individual, I was informed I was guilty of creating a hostile environment. Yet when this individual publicly stated, I will shut this place down, for me to raise that issue could have been perceived as retribution by the protected employee.

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The activities providing protection under Section 210 of the Energy Reorganization Act of 1974 are an important part of our industry. 10CFR50.7 must be an integral part of our culture. They're necessary to insure that all members of the licensee staff and their contractors and subcontractors always have an avenue for expressing their perceived concerns as they relate to the safety of the facility, the workers and the general public. But what happens when the system is

corrupted by a few individuals? What of the co-workers who must continue to work in an environment that has been turned upsidedown by a protected status employee or employees?

And lastly, what happens to the resources of the licensees and the NRC that are expended addressing problems born of a private agenda.

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Mr. Conway has stated that Palo Verde has the highest number of allegations of any facility in Region V. How many of these allegations have been substantiated and, of those found to be without merit, not safety, significant or discriminatorily based, how much followup with the initiator of the allegation has been conducted to determine the real cause for making the allegation?

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What have been the political What have been the political consequences for both the targeted individual and the utility as a result of false, malicious or unsubstantiated allegations? And most importantly, what permanent damage has been done to a successful, safety-oriented industry as a result of these allegations, most of which have no relative significance outside of personal gain?

It seems completely improbable to me ¹⁹ that an industry which prides itself on ²⁰ accountability would so purposefully preclude ²¹ holding these individuals responsible for ²² their unsubstantiated allegations.

That we would in fact choose to hold these individuals completely harmless for

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destroying careers, and in some cases lives, I find this flies in the face of reason that is contrary to the very precepts of our society and that it borders being morally reprehensible.

I would like to leave one last thought. If I misrepresent myself to my employer, if I fudge on my timecard, if I creatively balance my expense report, I can expect a disciplinary action by my employer.

If I provide false information to the NRC under any circumstance I am subject to federal penalty. Yet if I provide false allegations under the umbrella of 10CFR50.7, I am granted defacto immunity as long as I couch my allegation as a potential safety concern for harassment or discrimination issue.

Those who take issue with me for doing so are creating a chilling environment. This cannot continue. The present content of 10CFR50.7 and its subparagraphs must be revised to provide for accountability of the whistle blower if allegations prove to be without merit.

I fully support the need to protect

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California Shorthand Reporting HEARINGS - DEPOSITIONS - ARBITRATIONS 52 Longwood Drive, San Rafael, CA 94901 Tel. (415) 457-4417 the whistle blower. I also fully support the need to protect and provide redress for the innocent individual who is subjected to malicious accusations.

Thank you for your time.

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MR. GREEVES: Thank you very much.

I guess we don't have any more people lined up for comments at this point, but I would like to make one remark, or two remarks, perhaps. This is a reaction to what we heard last night and this morning.

There are a number -- and I guess I want to address my remarks, not just to Palo 13 Verde, but also there's a sizeable number of people from other utilities, although we haven't heard from those folks this morning, 16 and from the NRC site and region and 17 headquarters here today.

I just want to give my reaction and 19 hope you all will think about it a little bit. There's a lot of impact of the way we've been handling these sorts of things over the last few years. The impact clearly is not just on the operation of the plant, but 24 on individuals, and on individuals on both

sides of the issue.

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It seems to me we just have to think of better ways to approach these things. We just can't afford, either from an economic or safety standpoint to be tying people's times and emotions up and thinking about whether they have been properly treated or not as opposed to getting at the substance of the concerns that they raise and the problems that need to be dealt with.

So I guess I would like you to just think about how are we, as regulators and the industry, going to make this process better, 13 make the basic atmosphere within the 14 organizations that work on a day-to-day basis; 15 we need these programs, these outlets, either 16 the NRC or employee concerns programs as 17 outlets when things don't work because nothing 18 is perfect. But I think we have to really 19 give a lot of attention to the underlying 20 basic culture.

And I guess the second comment I wanted to make is to thank Mr. Conway and the employees here at Palo Verde, because this has been immensely valuable to the panel to have a

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I guess no matter what problems Palo Verde has had in the past, at least we can say, I think, Mr. Conway, you and the managers and the employees have developed a culture which at least has provided the freedom and the ability for people to say what they think in this forum.

So we thank you for that and I just wanted to express before we lose too many from the audience, my personal thanks to all of you.

CHAIRMAN LIEBERMAN: We're now going to take a half hour of break until 10:45 to see if there's any other individuals who are interested in speaking.

Let me remind everybody that we do ²⁰ have the forms by the front door to provide ²¹ us written comments if you don't want to speak ²² today. Thank you.

> (Whereupon, a short recess was taken.) CHAIRMAN LIBERMAN: It is now 10:45

and we still don't have any additional speakers. We are going to be here until noontime in case anyone appears who wants to make a presentation.

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Again, we do have the forms to file any written comments and we'll take a break now for an hour, until 11:45, if anybody does want to speak before that time, let me know. Thank you.

(Whereupon, a short recess was taken.) (Whereupon, a short recess was taken.) CHAIRMAN LIEBERMAN: It is now 11:50. If think it's pretty clear we're not going to have any more comments, so I declare this meeting over. Thank you very much.

(Whereupon, the meeting was concluded at 11:50 a.m.)

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