

1 we still have to attach a couple of the lifting devices to
2 replace the head onto the vessel. But that job is very
3 nearly at successful completion now.

4 With regard to the head that we replaced, we have
5 moved that out of the turbine train building into a
6 temporary storage building, out on the dry cask fuel
7 storage pad that we had poured and we'll retain it in that
8 temporary storage building until after the, after this
9 outage. And, then we intend to take some additional
10 samples off of the head for ongoing research by the
11 industry and the NRC.

12 Then, that's the status of the head.

13 Now, the issue that we addressed last week, I'll go
14 over a little more, and that is with regard to the bottom
15 head of the reactor vessel. As you recall, we had some
16 material going down the side of the vessel, and had Boron
17 accumulated on the bottom nozzle.

18 We were unable to positively exclude through
19 chemical analysis that those Boron deposits on the bottom
20 head were not coming from leakage from the incoming nozzles
21 on the bottom.

22 As Lew alluded to before, we have gotten together
23 with Framatone. They have made recommendations to us and
24 we are proceeding with a plan on what we will do to assure
25 ourselves that the bottom nozzles are not leaking on the

1 reactor vessel head.

2 I'll walk through a couple of those steps with you
3 here. First of all, the first step here we have completed,
4 we thoroughly cleaned the sides and the bottom head and
5 have removed any indication of Boron that's down there
6 now.

7 As we complete this outage, we'll restore the head
8 on the vessel, then we'll bring the Reactor Coolant System
9 up to normal operating pressure and temperature. We'll
10 hold then that temperature and pressure for 3 to 7 days.
11 We haven't zeroed in on the exact amount of time, but
12 approximately a week we'll have the plant up at normal
13 operating pressure and temperature.

14 We'll then bring the temperature and pressure back
15 down. We'll remove the insulation off of the vessel
16 again. And we will perform a bare metal inspection, this
17 time prior to restart, so we will have a very good picture
18 before and after.

19 The next slide we show why we think that will be
20 effective. And then, as we complete this outage, bring our
21 unit back on line, we have talked about before, we do
22 intend to do a mid cycle outage. We will take the
23 insulation off the bottom head again. We will reperform a
24 bare head inspection at that time.

25 Then, we're also continuing our investigation of our

1 on-line leak detection system we will install on the bottom
2 head. And, we're continuing to look at that. If we can
3 get it in during this outage, we will put it in, in this
4 outage. It is more likely that it will be in the mid cycle
5 outage before we are able to get all the hardware and
6 complete installation of that. But our intent is to put an
7 on-line monitoring system on the vessel, probably will be
8 on the bottom vessel as well as the head.

9 The next --

10 MR. GROBE: Bob, before you
11 go on, could you explain a little more detail why you need
12 to put fuel in the reactor to do this test, and then
13 secondly, how you raise your Reactor Coolant System to
14 normal operating temperature and pressure?

15 MR. SCHRAUDER: Sure. We
16 looked at our ability to bring the system up to its normal
17 operating temperature and pressure without fuel as is done,
18 it's a hot functioning test before you go in operation,
19 the equipment used to do that.

20 The issue there is you have to get proper
21 differential pressure through the vessel so that your
22 reactor coolant pumps don't exceed, and rerun it in that
23 condition. So, you have to put in some, something that
24 will simulate the core, basically to give you the proper
25 differential pressure across what is normally the core.

1 The way that you heat up the vessel in this
2 condition is not with nuclear heat, but actually with heat
3 coming off of the reactor coolant pumps themselves. And
4 so, and that's what we usually heat this up to. Even
5 though fuel will be in the vessel, it's not nuclear heat,
6 we will be using generator pressure from the reactor
7 coolant pumps themselves.

8 We were unable to get plates, and the equipment
9 that's necessary to create the differential pressure. They
10 just don't exist anymore in the industry. And so, we're
11 not able to get that equipment. So, we're going to need to
12 put the fuel back in the vessel in order to get the proper
13 differential pressure across the vessel.

14 MR. MYERS: Also, the seal,
15 Bob, the way our incore seal, seal moves in and out. There
16 is a seal at the end of the incore, with them installed,
17 the seal is made up. And so, if you have the incore
18 installed, try running the pumps, that wouldn't be good.
19 And if you pull them out, you can't get a seal. So you
20 couldn't get the pressure. So, you have to have the incore
21 installed to get your fuel to do that. That's what we need
22 also.

23 MR. COLLINS: Excuse me.

24 MR. MYERS: Those are the
25 conditions that's driving that.

1 MR. COLLINS: I had a question
2 of clarification for you. I understand you'll be
3 performing nuclear tests before the NOP/NOT Operation?

4 MR. SCHRAUDER: Integrated leak
5 test on containment?

6 MR. COLLINS: Correct.

7 MR. SCHRAUDER: Yes, sir.

8 MR. COLLINS: That's to ensure
9 your interior area is intact?

10 MR. SCHRAUDER: Yes, sir.
11 Containment integrated test will be done prior to, before
12 the normal operating temperature.

13 MR. COLLINS: And I think, as
14 far as a leading technology, we would be very interested in
15 your online integrated attempt, realizing it's not required
16 by the license. One of the lessons learned through reading
17 the NRC Lessons Learned Report from Davis-Besse is to
18 challenge yourself to go back and look at the existing leak
19 rate requirements specs, when you go through the
20 specifications, or one gallon un-identified, and the other
21 criteria.

22 So, we're looking for enhanced ways consistent with
23 some of the technology that's overseas, as you say, to
24 supplement those systems.

25 MR. SCHRAUDER: We do believe

1 the technology is available for this leak detection
2 system. It's a question of whether we can, the amount of
3 time it will take to get the equipment here, and to
4 complete the design modifications to install it on the
5 vessel during this outage. And as you said, this modern
6 system is used overseas in several reactors.

7 MR. COLLINS: In conjunction
8 with that, of course, that would require a response
9 procedure by operators and perhaps even modification of the
10 simulator has been ~~wanted~~ warranted to deal with the conditions and
11 the expectations of the operators in response to this.

12 MR. SCHRAUDER: Right.

13 MR. GROBE: Just one more
14 thing, Bob. This is the issue Sam is addressing on the
15 need to address. This is an interesting enough issue, but
16 once you finalize your design and have a good grasp on it,
17 may want a meeting with us, just to go through the system,
18 how it's going to work. As Sam indicated, how the
19 operators, what kind of operators you're going to have to
20 respond to it. Similar to what you're doing in sump
21 modification.

22 So, we need modification. I think it would be
23 beneficial if you can, then chat with us prior to that.

24 MR. SCHRAUDER: Right, we
25 were planning on that.

1 MR. MYERS: We're pretty
2 excited about this new technology, about the Flus Monitor.

3 MR. GROBE: Okay, go
4 ahead.

5 MR. SCHRAUDER: This graph,
6 the next slide shows a graph of the type of accumulation of
7 Boron you might expect to see for the various leak rates.
8 This was developed for us by Framatone. The original graph
9 of the whole series of how long you held the reactor at
10 normal operating temperature and pressure.

11 I chose 7 days as the example here, but you can see
12 that you would actually begin seeing some Boron deposits
13 for as little as a millionth of a gallon per minute leakage
14 was deposited on the nozzles. And then as you go into more
15 leakage down to ten millionths of a gallon, for example,
16 you see you're up over the inches, in cubic inches of
17 Boron you would be able to detect on the bottom nozzle.

18 So, we believe if there is leakage on the bottom
19 nozzle, we will be able to have the system up and pressured
20 for a week.

21 MR. GROBE: So, this is one
22 graph, 7 days.

23 MR. SCHRAUDER: There are a series
24 of graphs for 3, 7, 10 and 30 days, but it looked like 7
25 days was fairly reasonable amount of time that you would

1 expect to see any leakage that might be there.

2 I would also like to add that Framatone is
3 continuing to do some laboratory modeling of different leak
4 sizes held at different pressures to verify. This is
5 analytical curve right now they're creating --

6 MR. GROBE: I don't want to
7 speak for Bill Bateman, but if I was Bill Bateman, I would
8 ask that exact question. What kind of crack tightness are
9 you talking about, what size of crack, two thousand, maybe
10 2,250 pounds per square inch. That would be great
11 information on what leak rate if you would encounter.

12 MR. SCHRAUDER: Then in the
13 event you do find leakage, we have a fix that is designed
14 and in fact has been used in the industry, not on the
15 bottom nozzle, but on the pressurizer, for instance, this
16 type of repair has been made.

17 And, the first, the first thing here is the, you see
18 on the initial nozzle, the first thing you do is come in
19 and you'll pull the incore of the tube out of the nozzle;
20 plug the nozzle from the top of the vessel. You can see on
21 there on the top edge of the, still not right, top edge of
22 the, what represents the vessel is the weld, and that is
23 the current pressure boundary for these nozzles.

24 What we'll do is we'll cut that nozzle after, cut
25 the nozzle, you'll see in the middle picture, goes up about

1 an inch up into the metal itself on the reactor vessel.
2 Then there is a head welded onto the bottom vessel, a weld
3 put on down there.

4 Then you take a new nozzle and insert it into the
5 opening and then the new pressure boundary weld is a weld
6 that's put on between the nozzle knob and the head that was
7 welded on the bottom of the vessel. So, you remove the
8 pressure valve inside the reactor vessel to the outside of
9 the reactor vessel.

10 The advantage that this fix has for us is, in that
11 nozzle, the replacement nozzle that goes up in there, is
12 not attached to the remaining piece of the old nozzle. So
13 that if you weld this thing on the top and the bottom, one
14 might say you could just do a weld on the bottom of the
15 thing. That's preemptive, move the pressure valve down to
16 there. The problem with that is, now you've anchored that
17 nozzle on the inside and the outside, and you can induce
18 thermal stresses into that. As the tube has to expand when
19 you bring the vessel up to its temperature and pressure,
20 this allows for thermal expansion in the nozzle itself.

21 MR. HOPKINS: Let me understand,
22 Bob. So, the leak barrier still will be the top weld then
23 essentially, you're saying?

24 MR. SCHRAUDER: The pressure
25 nozzle there will be welded at the bottom.

1 MR. HOPKINS: It will welded.

2 MR. SCHRAUDER: Yes. That will be
3 where your pressure weld is.

4 MR. HOPKINS: Okay. So, by
5 cutting, you're no longer tying the top and bottom.

6 MR. SCHRAUDER: That's correct.

7 MR. GROBE: I'm not sure how
8 accurate this drawing is, but it appears that the new
9 penetration inserting from the bottom is butted up against
10 the one that you're cutting off. Is that going to be a gap
11 there or --

12 MR. SCHRAUDER: It's
13 essentially, it won't be flush up against it, but pretty
14 close.

15 MR. GROBE: It will be a
16 gap, okay.

17 MS. LIPA: And Bob, this
18 is, as I understand what we were talking about, in more
19 detail on the November 26th meeting?

20 MR. SCHRAUDER: That's
21 correct.

22 MS. LIPA: Tentatively
23 set up for 26th.

24 MR. MYERS: This is on
25 the schedule though, what is it, three days, Bob?

1 MR. SCHRAUDER: Maybe seven
2 days.

3 MR. MYERS: And it's been
4 done on the pressurized vessel before, so it's kind of
5 unique.

6 The interesting thing is, the bottom of our vessel
7 is the, the pole, where the pole goes into the lowest
8 temperature, we really don't believe there is a high
9 probability there is leakage there. We just can't
10 substantiate there is not leakage there; that we can
11 substantiate we found that Boron there.

12 So, we've cleaned it up and now we can substantiate
13 it. We'll find the leak. And we have the repair at hand.
14 This is the repair suggested for us.

15 MR. GROBE: Sam has one more
16 question, which I think I answered correctly. You're
17 expecting this is going to be a ~~cold prepare~~ code repair not requiring
18 NRC approval; is that correct?

19 MR. SCHRAUDER: That's what
20 we believe at this time. We're going to look through this
21 and make sure whether we need any approval or not. We
22 don't believe we do.

23 MR. GROBE: I'm sure we'll
24 talk about that a little more on the 26th, but I appreciate
25 your point, Lew, is you don't expect the penetrations to be

1 leaking, you're just going to be ready with the design to
2 install a repair, if in fact there is one.

3 MR. MYERS: When we took the
4 chemical sample, we didn't, we couldn't validate from the
5 chemical samples that, exactly where the Boron came from,
6 and we couldn't trace it back either, due to insulation.
7 So, the conservative thing to do is do a good inspection to
8 see if there is leak damage. We don't expect it, we can do
9 a little work and if we find it, we repair and fix it right
10 then. That's our plan.

11 MR. MENDIOLA: Going back to
12 slide 19, your graph slide, what are the two vertical lines
13 there; that one and the one to the right? Those two.

14 MR. SCHRAUDER: Those are
15 miscellaneous vertical lines. They have no meaning at
16 all.

17 MR. MENDIOLA: Okay.

18 MR. POWERS: I think what those
19 are is, the initial dialogue we had Framatone on those,
20 that's the flus monitoring range, ranges of effectiveness
21 for flus monitoring for tracing cracks.

22 MR. MYERS: That's exactly
23 what those are.

24 MR. SCHRAUDER: They were notes on
25 this. I cleaned them off, or pulled them off.

1 MS. LIPA: Any other

2 questions for Bob?

3 MR. THOMAS: One other thing,

4 Bob. If the flus monitoring system doesn't get installed

5 on the vessel prior to the NOP/NOT check, are there any

6 other temporary monitoring systems that you'll put between

7 the insulation and the bottom vessel and monitor for leak

8 during the ~~cool~~ hold period?

9 MR. SCHRAUDER: Not that we're

10 aware of at this time. We're looking for potential for

11 cameras and the like, but it is not looking very promising

12 right now.

13 MR. GROBE: Fairly high

14 temperature environment.

15 MR. MYERS: We're looking

16 into having cameras --

17 MR. GROBE: Talk to the coal

18 miner.

19 MR. SCHRAUDER: We are continuing

20 to look for some cameras that will work. We're

21 investigating that.

22 MS. LIPA: Any other

23 questions for Bob, because this would be a good time for a

24 break. So, we'll start back in ten minutes at 3:40.

25 (Off the record.)

1 MS. LIPA: Are you ready,
2 Jim? Go ahead.

3 MR. GROBE: Jim, before you
4 start, just quickly. Apparently, some of us are speaking
5 too softly and if there is any inability to hear, please
6 speak up. Mr. Stucker does an outstanding job, and for
7 some reason some of us have our head turned or something
8 like that, and it's not, our discussion is not discernible.
9 Please let us know. Thank you.

10 MR. POWERS: Okay. My portion
11 of the discussion today is focusing on System Health
12 Assurance piece of the Building Blocks. And my desired
13 outcome today is to provide a status of the Latent Issues
14 Review and our plan to perform a Collective Significance
15 Review of the results we've obtained.

16 The Collective Significance Assessment consists of
17 rounding up all the findings that we found from different
18 individual valuations and we use to determine areas that
19 require improvement.

20 You recall at the last meeting I brought along a
21 pretty substantially thick report that we prepared on
22 Service Water System whereby our engineers went through the
23 system in a lot of detail checking a lot of attributes and
24 developing a substantial report out on it, also finding
25 some discrepancies.

1 We did similarly report efforts for five systems in
2 total, plus we've been doing what we call System Health
3 Readiness Review Reports on 31 systems, which are important
4 to the safety of the plant.

5 So, we take all those results from those reports and
6 the findings from the reports and we roll them together
7 with self-assessment activities that we've undertaken,
8 particularly in the calculation quality area. We also
9 rolled together with inspection results that Marty Farber
10 described earlier in the presentation. And, we took all
11 that information and put it together and see what it's
12 telling us in terms of areas that require improvement.

13 From the Latent Issues Review, which we did on five
14 systems, as you see here, we checked 31 topical areas. And
15 by a topical area, what I mean is calculations, drawings,
16 what we call system design descriptions, quality of the
17 use. There is a number of engineering documents that
18 provide the basis for a system and its design basis.

19 And a process of going through that matrix of doing
20 those checks of all the individual attributes that support
21 system quality. We did over 14,000 individual checks. So,
22 there is a lot of things we went into checking and looking
23 for any sort of discrepancies.

24 Going through it, we found 777 discrepancies, which
25 is about a 5 percent hit rate. And of those our station

1 Restart Review Board classified 447, as being required to
2 be resolved prior to restart. That was about three
3 percent.

4 So, we checked a lot of activities and we found
5 about a two percent error rate, if you will, in
6 discrepancies.

7 Now, we added to those findings the results of the
8 System Health Readiness Reviews, Self Assessments and
9 Inspection Results and what we found then -- next slide.

10 The topical areas out of those 31 that really call
11 for more attention and improvements are areas of
12 calculation and analysis, electrical calculations,
13 instrumentation and control calculations; and that
14 typically is set point for instruments in the plant
15 mechanical and structural calculations.

16 And also system descriptions, and in this area,
17 there may be discrepancies between references and various
18 numbers and different references that make up our system
19 description manuals. And as a result of those,
20 configuration management shows up as an area that needs to
21 be improved as well. We refer to configuration management
22 as an overarching program for all the documentation of the
23 plant to be sure that it's managed in a way so it is all
24 consistent.

25 So, we consistently groom configuration management

1 systems with your Corrective Action Program. And these are
2 areas that thinned out, a significant requiring further
3 work. All the issues that we found during our Corrective
4 Action Program and all the issues are going to be addressed
5 per the Corrective Action Program. These issues will
6 require some additional attention.

7 On the next slide then. We also went through a
8 Collective Significance Assessment of what we call common
9 attributes. These are engineering programs, technical
10 programs. And you can see the list of them, high energy
11 line break. That's for breaks of steam lines, for example,
12 high pressure and temperature lines that affect the
13 equipment. We design for that.

14 Environmental Qualification. We design the
15 equipment so it withstand access conditions.

16 Appendix R is our fire protection program.

17 Seismic qualification of equipment.

18 Temperature effects upon system operability, and
19 this was several issues, but in particular one of the
20 license men requested that I mentioned at the last meeting,
21 that was related to the lake temperature increases and
22 changing our intake water temperature, to coincide with
23 anticipated lake temperature increases, and carrying out
24 the analysis rigorously into the heat exchangers in the
25 systems in the plant.

1 And the Natural Phenomenon, which can be flooding of
2 the lake, if you get a high enough level to flood into some
3 of the sumps and sump pumps.

4 So, these are areas that we're going to be looking
5 at in some more detail, and what's been referred to as
6 expansion plans. We're going forth and taking these
7 results that are of a collective significance and looking
8 into the balance of our, making control safety significant
9 systems to assure that they are safe and ready to support
10 restart and continue live operation.

11 The plans are putting together for that now, take
12 into consideration the collective significance, and it lays
13 out our roadmap, if you will, for what we're going to do
14 looking into other systems to be sure that the issues are
15 appropriately addressed in our other systems.

16 So, in summary, we're in that evaluation phase now.
17 Other collective significance, this is a valuable process
18 to us.

19 The latent issues process, I think you heard Lew
20 talk about that many times in the meeting. It originated
21 out of the Beaver Valley Plant and we brought it to
22 Davis-Besse also. I think we've improved on it
23 substantially, and we plan to utilize it going forward in
24 all of our FENOC facilities on a regular basis during
25 operation of units.

1 So, with that, I'm go to turn it over to John
2 Grabnar. John is our Design Basis Manager, and he's going
3 to talk about our plans going forward and addressing some
4 of the issues we found, collective significance.

5 MR. COLLINS: Jim, if I may, I
6 have a question and you may refer this to John if it's more
7 appropriate.

8 The findings that you have depicted on slide 23,
9 have those areas been flagged such that if those calcs or
10 portions of those calcs were to be used in the immediate
11 future given the activity at the plant, if that would be
12 known to the engineers?

13 MR. POWERS: All the
14 discrepancies are flagged within the corrective action
15 process, and one of the more significant activities we've
16 undertaken at the plant in the past several weeks is to go
17 through the process of laying out the communications
18 channels that need to occur, for example, people that are
19 working in calculation topical areas versus system
20 engineers that are working to get their systems ready for
21 restart, and looking at the list of issues that need to be
22 corrected and have those communication channels set up, so
23 people know who is working on what issue.

24 So there is a major set of activities occurring, if
25 you will, and we've gotten all the engineers involved

1 together to talk about that. And it's an area we need to
2 communicate as we go through this aggressively, because
3 there are a lot of activities going on parallel.

4 MS. LIPA: Sam brings up a
5 good point. I hadn't really thought about this before
6 either. If you have a calculation that you find a problem
7 with, you write a condition report on that, and then
8 somebody tries to solve that problem. Is that calc then
9 quarantined so it's not used somewhere else?

10 MR. POWERS: Well, the
11 condition report is written against the calculation. And
12 going through the, what we call our press database that
13 lists all the conditions reports and what they're written
14 against, the activities go on, the engineers need to be
15 familiar with, Chris, and know what's in there in terms of
16 issues that have been written against calculations.

17 MR. GRABNER: That's one of the
18 issues, Christine, that we are aware of and we are
19 concerned about. We're working on doing that to make sure
20 as part of our review process, first of all, the engineers
21 in the different disciplines are aware of the calculations
22 that have been in question. And we have lists of various,
23 various sorts of condition reports versus calculations, and
24 open items that still remain open from a program that I'll
25 talk about in a few minutes.

1 So, we're putting those altogether to make sure that
2 as the owners accept for review upon the modification work,
3 we take into account that A, there are calculations out
4 there that have been that may need to be revised, and could
5 be that we have some other calculations that we're working
6 on. And we will have to, we're going to make sure we're
7 using it in some of the design work going forward.

8 MR. POWERS: Typically, what
9 happens is the supervisor involved in the areas, for
10 example, the analysis group or the service water system
11 that I've talked about issues, lake temperature and service
12 water, they are aware of the ramification of the systems
13 going into the plant. So, the contracted work that's
14 proceeding under their direction, they have that direct
15 communication and are working at laying out the sequencing
16 of, you know, what's important and the steps which need to
17 occur if the calc has to get revised, when to support the
18 ultimate logic train through the plant. So, it's an
19 ongoing process with the supervisors.

20 MS. LIPA: Seems like you can
21 probably have a similar thing with drawings or procedures,
22 where you find a problem while you're solving the problem,
23 that a drawing or that procedure is sitting there where
24 somebody could use it.

25 MR. MENDIOLA: To your knowledge,

1 is there any licensing actions in-house occurring in the
2 NRC review or any recent NRC amendments that we have
3 approved that are affected by any of these discrepancies,
4 that we should be aware of?

5 MR. POWERS: Nothing comes to
6 mind. Two active license amendments or requests that we
7 have had relate to the code applications that, Tony,
8 there's no application on those. And I don't believe that
9 we have any other, currently any other submittals in
10 place.

11 The one we would need that does come to mind, that
12 we need to look into, is the calc on power free
13 modification that we had in pressure resistance. And I
14 think there is one request for additional information on
15 that, that remains to be answered, and that's an area we do
16 need to check and be sure that application is still
17 examined.

18 MR. MYERS: Can we go back --

19 MR. MENDIOLA: The reason I
20 asked -- sorry, Lew. The reason I asked, had to do with,
21 you said more than a few times, the temperature of the heat
22 sensor and things like that, I was wondering if any recent
23 amendments that we allow, or approved, if you will, had,
24 were affected by any of this?

25 MR. POWERS: The one that comes

1 to mind that actually involves most of the, many of the
2 issues centering around the service water system is the
3 application made for the lake temperature increase, and the
4 difficulties; part of the difficulties we're experiencing
5 is in the dialogue with the staff on reaching approval, was
6 taking a design basis consideration that the plant could be
7 cut off from the lake, the canal could be cut off from the
8 lake by an earthquake, for example, and needs to be able to
9 cool the water recirculating now.

10 And when that's a consideration for design,
11 temperature goes up, and that affects our margins of the
12 plant. And so, although that one was approved, it's
13 something we're looking at a little more closely to see,
14 you know, the basis of approval, if we could work to do
15 more technical work and have further dialogue with staff on
16 that, that's the basis for that improvement.

17 MR. MYERS: What we do, we're
18 taking action to go back, go back a year or two, and look
19 at previous approvals we had and bounce it off of this
20 stuff. We can do that pretty easy. So, we're taking
21 action to do that. As we sit here, we don't know.

22 MR. HOPKINS: Just to expand
23 that a little bit, you mention here instrumentation control
24 calcs. And again, I'm wondering now about set point values
25 and allowables in technical specifications, are those

1 detected, you know, that we're not aware of?

2 MR. POWERS: That needs to be
3 checked, Jon. That's part of the assessment that we're
4 doing in that area is take a look at those critical
5 calculations and certainly those values or set point values
6 of that population.

7 MR. HOPKINS: Okay. So, that's
8 part of your evaluation phase now?

9 MR. POWERS: That's correct.

10 MR. MENDIOLA: I assume you're
11 talking specifics rather than the methodology. When you
12 said, set point methodology is still sound, your
13 calculations on this are still sound in the way that you
14 calculate your allowables and methodologies; and it's just
15 basically on a specific case where they may be a set point
16 that needs to be recalculated?

17 MR. POWERS: What we want to be
18 sure is when a set point has been calculated, that all the
19 associated tolerances and inaccuracies and instrument loop
20 are included in that appropriately. And so the issues that
21 have occurred that have been found in the set point calc
22 area, we'll be looking at, you know, I say bundling all
23 those issues together, looking at them collectively, and
24 looking at each specific issue.

25 If there is any issues that occur that, that merit

1 looking broadly across the board at, for example, aspects
2 on set point, for example, that's what we'll be doing, to
3 make sure that the methodology is sound across the board in
4 this area.

5 MR. MENDIOLA: Thank you.

6 MR. GRABNER: Okay. Good
7 afternoon everyone. Again, I'm John Grabner, Manager of
8 Design Engineering at Davis-Besse. I wanted to share with
9 you this afternoon a process that we're undertaking to
10 resolve the design-related issues that we've uncovered
11 between our Latent Issues Reviews, the Safety Systems
12 Design Performance Capabilities Inspections, as well as
13 some of our own self-assessments; and talk about not only
14 resolving those, the five systems that we've done latent
15 reviews for, but also for across the other population of
16 important systems of the plant.

17 First of all, as a result of the number of issues
18 that we've identified, I've issued a functionality review
19 to be performed that will focus on what's the ultimate
20 effect in total of the questions that have been asked on
21 the ability of the five latent issues systems to actually
22 perform their important function. That assessment is
23 currently in progress and we expect that to be done by the
24 end of the month.

25 Secondly, being new to the plant, I had, I didn't

1 have a good picture of all the design basis activity that
2 have been performed here in the past, so we had a timeline
3 commission, which is down here on the wall to the left. If
4 I could have Chuck here point out as I call some things
5 out. Just point out some big picture items in red.

6 The red bars on top indicate periods of plant
7 operation. The blue bars below them indicate periods of
8 plant shutdown. This timeline starts in 1985, and runs to
9 the present.

10 The green bars in the middle, that first green bar
11 indicates the Davis-Besse course of action, which is the
12 plan we undertook beginning in '95.

13 The second long green bar is our Design Basis
14 Validation Project. Now, Design Basis Validation was a
15 project we committed to as part of our response to the
16 letter from the NRC, the industry received regarding design
17 basis information, commonly referred to as the 10-CFR-5054
18 letter.

19 And in there we took a look at our system
20 description manual, as well as our design criteria manual,
21 which are two documents that we prepared as part of that
22 course of action back in the 80's, and those comprised a
23 design basis of the plant.

24 So, we looked across 29 of our most important
25 systems with this Design Basis Validation Program, and we

1 have a course on every one of those 29 important systems to
2 take a look at all the important features of each system
3 and look for where calculations or analysis supports that
4 that function can be performed.

5 Now, our preliminary review to-date shows these are
6 very good documents. They're high quality. They do have
7 limitations. And I'll talk about in the next slide how
8 they correlate with the questions we've had so far. But
9 they provide for us a very valuable resource. And, had we
10 followed through completely with all the issues that were
11 asked back in the late 90's, we would have a lot more
12 issues today that we can talk about.

13 MR. GROBE: John, before you
14 go on, you indicated a third bullet down under Design Basis
15 Validation, that it validated Systems Descriptions and
16 Design Criteria Manual. Were there any deficiencies
17 identified during that process?

18 MR. GRABNER: Yes, there were.
19 We referred to, there is a data base of open items.
20 Originally there were about a thousand, roughly a thousand
21 open items. Now we have 275 or so of those still open
22 today. And the, in fact the third green bar over there,
23 which started around March or April time frame this year,
24 indicates the renewed focus we took on closing out those
25 275 actions. We've applied a lot of resources to doing

1 that, and suspect those will be closed out by the end of
2 this year.

3 So, yes, there were a lot of issues. A lot of them
4 were issued, not all of them were answered correctly or
5 completely, however; so, and we're finishing that up now.

6 So, from our Latent Issues Reviews, I talk about
7 latent issues. I'll add into here other, of course,
8 activities that we perform on our five most important
9 systems. We do have a number of design basis questions
10 that have been raised.

11 Looking through these, and again, this is all
12 somewhat preliminary in nature. A lot of these issues have
13 been previously identified in this Design Basis
14 Validation. A number of them are merely questions and
15 really aren't issues. I couldn't find this calculation, we
16 find actually we do have it. Other cases we thought we
17 didn't do testing and we find a test report.

18 However, there are a number of potentially important
19 issues that were not previously identified that were
20 identified either by Latent Issue Reviews or one of the
21 other reviews that were conducted. So, what we're working
22 with, of course, is what's the difference between those
23 two.

24 So, many of the areas that weren't previously
25 identified by the way are in topical areas that Jim had

1 talked about earlier; flooding, environmental
2 qualification, energy line break design, those were topical
3 areas that were not looked at in detail during Design Basis
4 Validation, because specific credit was taken to previous
5 inspection and assessment activities, which by the way are
6 allocated on the bottom half of the timeline, which shows
7 the assessment and inspection activity both internal and
8 external that's gone on through the timeline.

9 So, that brings us to our resolution approach. And,
10 if we start here, first of all I will point out that this
11 is all conducted within our Corrective Action Program. We
12 have condition reports for every one of these issues that's
13 been identified, in many cases multiple condition reports.

14 So, the first task that we're currently undertaking
15 as we speak is consolidating, eliminating the redundant
16 condition reports, so we're not answering the same question
17 twice; consolidating similar calculations or similar
18 condition reports, so when we do things such as revise a
19 calculation, we have all the issues combined together so we
20 can do it once.

21 So, we take those condition reports and we ask
22 ourselves, first of all, is there a potential impact on
23 safety function or operability. Either one of those, a yes
24 to either one of those questions is going to require that
25 we resolve the issue and run the ground prior to deciding

1 how to act.

2 So, once we now group to the balance of the number
3 of conditions or issues that are potentially safety
4 significant, we look at how many of those have been
5 previously identified under the Design Basis Validation
6 Program. And, what that does for us is provides us a more
7 efficient way of looking at the extended condition, because
8 we've already looked at 29 systems under Design Basis
9 Validation; and we verify the issues, these open items, on
10 each of those 29 systems, we can revalidate the answer,
11 make sure we answer completely and correctly, if it's
12 already been answered. We follow through to make sure it
13 gets answered and is still open.

14 Then, there is going to be a number of issues that
15 will fall out as a no to that question to say, it's
16 important to safety or operability, it was not identified
17 by Design Basis Validation. For those, we have to do an
18 extended condition in our Corrective Action Program, and
19 apply those to all the important systems of the plant to
20 make sure it's not a generic issue.

21 That's essentially our methodology we're going to be
22 using here to try to make sure that the issues that we know
23 of are solved, and that the issues that we know that have
24 application to the other systems are also applied
25 appropriately.

1 So, this is an approach that we've developed. We
2 believe it's based on sound engineering principles. We
3 have our new engineering principles expectations manual,
4 which I believe you're all familiar with. We talked about
5 that in the past.

6 We're applying that new level of rigor and concern
7 to the open items, not simply accepting the answer that was
8 provided maybe five years ago. And we'll take a look at
9 every one of those again, it's important prior to restart,
10 and make sure we've answered it right.

11 MS. LIPA: So, John, are you
12 talking about the 275 open items?

13 MR. GRABNER: I'm talking about
14 the 275, plus even we're going to look at the ones already
15 closed, because there are some of those that we found, in
16 fact a couple that were identified by Marty's group, where
17 we didn't bottom line if we would have answered the
18 question using today's standards more completely, we would
19 have found the issue and addressed the problem then.

20 MS. LIPA: And have those
21 open items been put to Corrective Action Program?

22 MR. GRABNER: The 275 open items
23 have been rolled into the Corrective Action Program, so
24 they are tracked in the Corrective Action Program.

25 MS. LIPA: Thank you.

1 MR. COLLINS: John, I have a few
2 questions if I could, right before summary. If you want to
3 cover them during the wrap up, please defer me to that.

4 Who owns the design basis of the plant? Is it
5 system engineers, is it design engineers?

6 MR. GRABNER: Design engineers.

7 MR. COLLINS: Design engineers.
8 And you have a design engineer for each system or how do
9 you specify that?

10 MR. GRABNER: We have, that's
11 one thing we're looking on. That's one of the deficiencies
12 actually we're tracing. We don't have design engineers
13 assigned specifically to systems. That's one of the items
14 we're looking at in terms of realigning.

15 So, we do get that assignment, so we can feel more
16 ownership directly. We're really broken down
17 discipline-wise, and it's not clear always system by system
18 where that applies.

19 MR. COLLINS: Okay. So, that's
20 a go forward approach you need to establish?

21 MR. GRABNER: That's correct.

22 MR. COLLINS: How is the system
23 now used? Do you have a readily available automated means
24 for engineers to access the design basis of the plant and
25 to search for the latest calcs? Do you intend to have

1 one, or how are you going to transform this information
2 when you have confidence in it, do you have a process that
3 can be applied?

4 MR. MYERS: Let Jim answer
5 that question. Do you have an answer?

6 MR. POWERS: I'll jump in on
7 that. At the Perry Plant, we used an electronic design
8 basis information system called Atlas, that we worked with
9 General Electric to extract much of their design basis
10 information out of San Jose, and get it electronically
11 assessible to the engineers. We even scanned in some of
12 the old memos from the original system designers out
13 there. It's electronically available on desktops.

14 Sort the information by accident and, you know,
15 design parameters and functions for the systems, anyway you
16 want to slice it and dice it. It helps the 5059 writers do
17 their jobs and the reviewers and the modification
18 preparers. And so, we had success with it there, and we're
19 going to bring it to both this plant and our Beaver Valley
20 Plant. That's ongoing now. That's one of the improvements
21 that we'd like to kick that into gear and get that up,
22 because we do want to capture this information to be sure.

23 What we're concerned about is the demographics of
24 the plant through the technical staff, and there is going
25 to be turnover occurring over probably the next five to

1 seven years, retirement starts. Bringing in younger staff
2 now, entry level staff. We need to turn over that
3 knowledge. And we see the tools to capture this thing are
4 critical to us to continue improving that.

5 MR. COLLINS: Thank you.

6 MR. MYERS: We said something
7 yesterday about having the right tools. It's painful going
8 back here and looking for the information, we're still
9 looking for information through the records and
10 everything. And it's there a lot of times, but with the
11 technology we have, it should be a lot easier to attain.
12 And we put that in place.

13 We really designed the system at our Perry Plant
14 when I was there. And our engineers raved about it all the
15 time, our system and design, but we didn't bring it over
16 here. We're going to do that.

17 MR. COLLINS: A comment would be
18 that this multiple purpose, reestablishing and confirming
19 the design basis of the plant, of course, one is the
20 existing safety basis of the plant in a confirmatory way,
21 is always important. The other is ensuring that in a
22 go-forward sense rather than a legacy sense that that
23 information is available to be applied. And I think that's
24 where you're going perhaps with your future initiatives.

25 I'm curious about the 97-5054F there. You indicated

1 there are some legacies having to do with quality to those
2 findings. Are you in to broaden the scope of your response
3 to 97-5054F letter? Are there any lessons learned that you
4 found of your sampling that are causing you to question the
5 implementation of the actions from that 5054?

6 MR. POWERS: No, we haven't
7 really looked at that yet, specifically. The areas that
8 John described, there is a follow through on the action
9 items, Design Basis Validation that was done. We know we
10 need to follow through on that.

11 There was also the four topical areas that we talked
12 about, that were excluded because recent external QA
13 assessment, self-assessment and inspection activities. It
14 was felt at that time those programs were in good
15 standing.

16 Now what we're finding as we go through this, we're
17 taking some discrepancies that have been identified and
18 we're in the process of looking at that to see what's the
19 significance of them, what's the validity of them, and then
20 we'll go through the process of looking at the 5054F and
21 see if there is any lessons learned to report.

22 MR. COLLINS: Thank you.

23 MR. MENDIOLA: I have a process
24 question. Your two decision blocks here, Resolution
25 Approach. Who does those, who makes those decisions and

1 what process are you using or is there any special process
2 they use to make those decisions?

3 MR. GRABNER: That would be,
4 that's, when we set up to do that, we set up system teams
5 that consist of system engineer, a design engineer who is
6 assigned, as well as technically some contract help to both
7 the teams. They are doing this resolution process on a
8 system by system basis. They will hone the resolution of
9 all those open items and will ensure they're done to their
10 satisfaction.

11 They will be the ones also who will be doing the
12 screening and they will be documenting the results of that
13 as part of the Corrective Action Program as every one of
14 these issues again is in the Corrective Action Program.
15 So, there should be trail, an explanation of that decision
16 and have that documented in the Corrective Action Program.

17 MR. MYERS: Our program all
18 along has been set up so we're using our CR process, now
19 we roadmap this. We have our CR going through a screen
20 committee that Mr. Schrauder chairs, and they classify them
21 as restart and nonrestart in that committee.

22 MR. MENDIOLA: So, then I would
23 understand that when the decision, for example, that first
24 decision is made, whether it affects safety or functional
25 operability, the answer is no, so then the CR is resolved

1 and it shows up in front of this committee to, if you will,
2 quality check the decision. And subsequently, the same
3 thing would occur on the second decision block depending on
4 its outcome.

5 MR. GRABNER: That's correct.
6 It may not, well, I have to take it back. First of all,
7 this population of CRs have already been identified by the
8 Restart Station Review Board as being restart related.
9 We'll take those. The ones we feel do not have to be
10 resolved prior to restart, because it goes through one of
11 those blocks, we'll have to take that back to that board
12 with an explanation to present all of those items and
13 explain the rationale for concluding these are not restart
14 items.

15 MR. MENDIOLA: So, there is a
16 little bit involved, obviously, there is a process and what
17 you just discussed there, some standardization in the
18 approach, closing on each of these, if you will, the same
19 as you go through the entire list of design related CRs?

20 MR. GRABNER: That's correct.

21 MR. HOPKINS: I have a specific
22 question. Are you reviewing the control room envelope?
23 Is that possibly expanded largely inappropriately or not,
24 or that part of your design basis review?

25 MR. POWERS: We are not looking

1 at the size of the control room envelope. I don't know
2 whether we're looking at that from a technical perspective
3 in terms of any size of it; however, we are looking at the
4 control room habitability and leakage testing.

5 MR. JOHNSON: All right.

6 MR. GRABNER: I don't recall any
7 issues we have identified specifically raise questions
8 regarding the envelope itself.

9 MR. HOPKINS: But you're looking
10 at the building?

11 MR. POWERS: Yes.

12 MR. MYERS: Are you ready for
13 summary?

14 MR. GRABNER: In summary, we
15 believe we have developed a process that will let us
16 efficiently and effectively go through, screen the issues
17 we have, resolve them down, the issues, and resolve those
18 with the highest priority of those which have a potential
19 to affect function. And, again, the teams of people that
20 will be performing this work are the system engineers,
21 design engineers, and complimented by contractor staff.

22 MR. MYERS: I would like to
23 take a couple moments to talk about our Management issues,
24 and Human Performance Action Plan that we have.

25 Next slide.

1 As you remember our issues, we broke all the issues
2 down, took several reports, and we broke everything down
3 there in the areas of Nuclear Safety Culture, Standards and
4 Decision-Making, Oversight and Assessment,
5 Programs/Corrective Action and Management/Personal
6 Development.

7 We're not, I'm not going to talk much about the
8 programs today. I think that Steve did a good job of
9 oversight. I'm going to give you some of the actions taken
10 in some of the other areas.

11 Some significant improvement initiatives we've
12 completed so far is we completed a training program for
13 Safety Conscious Work Environment at our plant. We went
14 through 210 of the 250 site supervisors, from contractors
15 and our supervisors. So, we've done that.

16 That training program is about four hours long. A
17 major commitment of time. It's designed to ensure that our
18 supervisors are very proactive with our personnel when they
19 address concerns. So, that is our desire. Our supervisors
20 to go from reactive to proactive when it comes to personnel
21 concerns.

22 Additionally, we've completed 98 RHR assessments of
23 our FENOC personnel. What is that? Well, that's an
24 industrial psychologist, that we said, some of our other
25 means, we're going to go baseline our staff. We've

1 completed that.

2 What we committed to, what it means, is we would
3 look at behaviors and do an assessment of each individual
4 that's a supervisor in Operations, Engineering, Work
5 Management, Chemistry/Radiation Protection, Quality
6 Assessment. I'm here to tell you, we've gone above that.

7 We've interviewed all of our managers. We've done
8 our directors and our FENOC executives. And we're now
9 moving to the directors at our other plants.

10 Next slide.

11 MR. GROBE: Lew, before you
12 go on, could you give me a sense of what attributes,
13 performance attributes you examined in these assessments?

14 MR. MYERS: Certainly. You
15 know, we looked at each of our people, and you know, we
16 went back and used our Leadership in Action guidelines that
17 we assess people by. Everything is broken down into
18 safety, teamwork, accountability and ownership, which is
19 sort of the FENOC values. Then we have criteria on each
20 one of the values we're looking for to make sure that
21 people understand our standards just as well.

22 You know, we have some issues there that we got to
23 go deal with. Probably the whole population, ten areas of
24 issues that we want to go deal with. But, there was some
25 good things that really came out of that review, and the

1 people that are at our plant are there because they want to
2 be there because it's a good place to work in the area,
3 and they feel like it's a good asset to the area, and good
4 place to work. They're pretty vocal about that.

5 We learned a lot from that review, and we've already
6 had a round table review with our senior management team,
7 myself.

8 How long was it, Randy; five, six hours? Went over
9 each individual, and action plans going forward.

10 From a Safety Conscious Work Environment, we've
11 brought Randy in. He's developed a plan already. That
12 plan has been communicated and distributed to all of our
13 employees. We completed the case study training of 864
14 employees. And, one of the things that we really stressed
15 is, we sit down as senior management team and developed a
16 set of standards that we want our employees to hold us to,
17 and we shared those with each and every employee; and I'll
18 talk some about the results in a moment.

19 We revised our Leadership in Action Training already
20 too, based on reviews we've done of this issue. And we've
21 already went out and trained, using new Leadership in
22 Action models, 17 new supervisor personnel.

23 And additionally, our Chief Operating -- Chief
24 Executive Officer of our company, Pete Burg. He's been to
25 our plant four times since May. But, last Tuesday, he came

1 down and spent all day at the plant and met with two
2 different sessions; one at 7:00 at night, one in the
3 afternoon, with our employees, an All-Hands Meeting.
4 Really talking about doing the job right, safety the first
5 time, and setting the standards that he expects at our
6 nuclear plant. And, for him to come down four times and
7 spend the entire day like he did last week is pretty
8 exceptional.

9 Our four C's meetings. I really enjoyed those
10 meetings.

11 MR. GROBE: Just a question
12 on that last slide, Lew.

13 MR. MYERS: Yes?

14 MR. GROBE: The Safety
15 Conscious Work Environment area. Without going into detail
16 or specifics on any issues that are brought up through
17 either our Allegation Program or your Safety Conscious Work
18 Environment Program, do you have any insights gained from
19 the types of issues and the number of issues that are being
20 brought to our attention as compared to the number and
21 types of issues that are being brought to your attention
22 through your, I can't remember what you call it; common
23 goal?

24 MR. MYERS: You know, many
25 times I would give you, there was some questions about, you

1 know, the confidentiality of our program, and the
2 willingness of people to use that. What we've done is we
3 brought Randy in. Randy established his plan already.

4 And one of the things, another thing we've done is
5 put independent investigators in there, so we're not going
6 back to the line organization doing investigations. And
7 what we're trying to do there is really show our employees
8 this is a very confidential program. And go from a
9 situation where it's a reactive program, Randy is trying to
10 set a program where we're actually meeting, all the
11 meetings have been more proactive, to go out and look for
12 concerns now. And I think we're going to find that very
13 successful.

14 Randy, you're out there now. Do you have any
15 comments there?

16 MR. HUEY: I would just
17 reinforce.

18 MR. MYERS: You can go up to
19 the speaker there.

20 MS. FRESCH: Would you state
21 your name?

22 MR. HUEY: I'm Randy Huey. I
23 would just reinforce what Lew said, that we are discouraged
24 by the fact that the amount of use, traffic we have with
25 the existing offensive program does not, is not ahead of

1 what we're seeing coming in from the NRC. So, combine that
2 with the survey that we did, showed a less than acceptable
3 confidence on the part of the employees at the plant in the
4 existing program.

5 We are in the process of putting in place this month
6 an expanded employee concerns process that will have
7 essentially two major elements that we think will improve
8 that, the circumstances of the employees' lack of
9 confidence.

10 One, is that it will be more independent, instead of
11 being more or less a brokerage for employee concerns where
12 an employee comes to the ombudsman, and then that concern
13 is just directly turned over to the responsible
14 supervisor.

15 We'll be doing more independent investigations
16 because we will have an in-house, either in-house
17 independent investigator or we will have the resource of an
18 outside investigator to investigate more cases. We've
19 only opened ten cases this year. I expect to see that turn
20 around with our, with our new ECP.

21 And, the second feature of it will be to meet with
22 employee groups when we get this thing, get procedures in
23 place.

24 In addition to publicizing it in the various
25 communications journals, like a newsletter, we're going to

1 go out and meet with, across the board with, at the plant,
2 with groups of employees to explain and get a little bit of
3 dialogue on it, on what the capabilities of this program
4 are going to be and encourage people to use it.

5 And, I think that my experience has been that most
6 employee concerns involve failures and breakdowns in
7 communications. So, we're going to have emphasis on not
8 only the ECP personnel, talking to the employees, but
9 getting their supervisors to be demonstrating on a
10 continuing basis that employees' concerns are a top
11 priority and they will not be discouraged.

12 MR. GROBE: Thank you.

13 MR. MYERS: Go ahead.

14 MR. GROBE: Just a question,

15 Randy, now that you're standing in front of the microphone;
16 two questions. When do you anticipate having this new more
17 robust program in place?

18 MR. HUEY: Procedure is being
19 worked on today. I expect to have procedures in place by
20 the end of December, and have, start these meetings that I
21 mentioned by the end of the year.

22 MR. GROBE: I would suggest
23 that you think about not waiting until you have the new
24 procedure in place to start making a one-to-one interface;
25 one-on-one interface.

1 MR. HUEY: Well, in that
2 regard, I'm attending some of these Four C Meetings, and
3 based on your comment, maybe I'll start attending more too.
4 Lew has deferred to me to talk with the employees about,
5 during those meet meetings about what this new process is
6 going to do, and I've had some feedback following those
7 meetings by employees saying that what they hear is good,
8 and they'll be interested in seeing how it's implemented.

9 MR. MYERS: We're not sitting
10 back. I mean, we're actually getting out and we're acting
11 on it.

12 MR. COLLINS: Thank you, Lew.
13 Randy, one question if I may, first grievance. Will
14 this program be subject to independent auditing by QA or
15 some oversight towards its effectiveness? Have you gotten
16 that far yet in its implementation and how you would define
17 success for its effectiveness?

18 MR. LOEHLEIN: We haven't
19 discussed whether QA would provide that or someone else
20 would. I don't know if Bill knows the answer to that,
21 Pearce?

22 MR. PEARCE: I'm sure that we
23 will provide some oversight of the program once we get the
24 program established, but as of yet, we haven't got the
25 program in place, so then we can look at how we're going

1 to provide oversight, but I'm sure the answer is going to
2 be positive to your question, we will provide some level of
3 oversight.

4 MR. COLLINS: So, you would, I
5 guess in a more general way, my question would be
6 appropriate to say, that you would provide all of the
7 normal processes and checks and balances for an onsite or
8 Licensee program, including performance measures and
9 success material and oversight?

10 MR. PEARCE: That is correct.

11 MR. COLLINS: Training, those
12 types of things?

13 MR. PEARCE: That is correct.

14 MR. COLLINS: Thank you.

15 MR. GROBE: Randy, don't go
16 away yet. I think -- I appreciate your emphasis that the
17 first line of resolution of employee concerns is the
18 relationship between employee and their supervisor, and the
19 next line is going to the managers, next line would be
20 going to you, and then if they're still not satisfied or at
21 any time they can certainly come to us.

22 The thing that concerns me and has a sense of,
23 causes me to have a sense of urgency in this issue, is I
24 believe that we're at a rate of about 3 to 1 allegations
25 coming to the NRC as what are coming to you, and that

1 should be substantially in the other direction.

2 So, I think you need to take some pretty prompt
3 action to regain the confidence of your staff, that in
4 those several opportunities they have to resolve concerns
5 within house, certainly they always have the opportunity to
6 come to us.

7 MR. HUEY: I agree.

8 MR. MYERS: Okay. One of the
9 things we've been doing, each one of the Four C's Meeting,
10 I've now met with 280 of our employees. Randy sat in these
11 meetings. And they're two, two and a half hours each, so
12 they're pretty timely. Very valuable information comes out
13 of the meetings.

14 What we've done consistently is we have stressed the
15 atmosphere that we want a Safety Conscious Work Environment
16 at each meeting. There's 280 employees at that plant that
17 I've personally assured them that that's the atmosphere we
18 want. We want them to bring up issues. And, it's okay to
19 come to me, to Randy or whoever, but if they have an issue,
20 we at least want to handle it in a professional matter.
21 And, we've done that at each and every meeting.

22 And the other thing I think we demonstrated is the
23 action we take at each meeting, I think actions at each
24 meeting, we publicize the actions that we've taken in the
25 newsletter. So, I think the employees are receiving

1 positive feedback. And in fact, Pete Burg was here last
2 week. They commented to him, they find these meetings very
3 valuable.

4 Next area is Town Hall Meetings. There has been 18
5 Town Hall Meetings with our employees to-date. We find
6 those positive also.

7 Do you have any comments, Randy?

8 MR. FAST: It's more like the
9 fireside chat, an opportunity to get with our folks, give
10 them opportunity to bring up things going on at the
11 station. Typically get questions about rumors that come
12 up. Try to create an atmosphere where people can come in,
13 feel like they're being informed, but as well bring up
14 issues. We get a wide array of questions from our folks,
15 and we're most able to resolve those on the spot.

16 We try to build confidence, just another medium to
17 communicate confidence with our employees that we can
18 connect with them and provide them timely updates on things
19 that are going on in the station.

20 MR. STEVENS: We also videotape
21 them and use the videotape for those on the back shift that
22 are not able to attend Town Meetings, so they can hear and
23 recognize what's being discussed.

24 MR. COLLINS: Lew, having heard
25 where you are, if this is an appropriate time, maybe I can

1 ask a question about an ongoing program.

2 MR. MYERS: Okay.

3 MR. COLLINS: If we were to take
4 a step back and look at the purpose of Safety Conscious
5 Work Environment and the promotion of appropriate safety
6 culture, including a program that captures concerns, and
7 what might cause those types of concerns; clearly, the
8 status of the plant as it exists today with a lot of work,
9 a number of contractors, some highly unusual work, and
10 schedule being important, has all the trappings, if you
11 will, of probably worse case environment, and perhaps more
12 appropriately a significant challenge for Safety Conscious
13 Work Environment Program.

14 Given that your program is admittedly being started
15 up, being established, what do you have in place today;
16 what confidence do you have today that you're not missing
17 opportunities for these types of challenges? Once the
18 plant progresses and restart decision is appropriately made
19 by FirstEnergy, and the NRC takes it into consideration,
20 that embarkment will be a little perhaps benign than what
21 it takes to get there.

22 MR. MYERS: Well, the
23 strategy that I have, and we have, is become proactive
24 through this environment on looking for issues. I can tell
25 you that in each one of the Four C's Meetings I have, we