

1 work will probably be complete late this weekend or very
2 early next week.

3 And then of course we go in and pour concrete back
4 into the shield building again, restoring the containment
5 back to its original design specifications. And later on
6 in the process as we complete the rest of the work in the
7 containment building itself; do an integrated leak grade
8 test on the containment building to assure ourselves that
9 it is a leak tight containment pressure vessel itself.

10 Now, this job has gone very well for us, but it has
11 not gone perfectly. The next slide shows a couple of
12 difficulties that we've encountered along the way, caused
13 us some schedule delays.

14 One was simply waiting for piece of equipment that
15 we use to move those heads; that was the polar crane
16 upgrade that Mike has talked about.

17 Then after we had moved the head in, we were
18 preparing to restore the containment. We did have some
19 work practice, following issues that we had to deal with
20 our contractor here. In our preparation for a couple of
21 these activities, we have to do some training, some
22 testing. One of the testing activities that we had to do
23 is, we talked about it before, verifying our concrete
24 supplier was going to give us high quality concrete. And
25 it's a way, about an hour away from the plant.

1 So, we had to go through a series of qualifying the
2 concrete, making sure as we bring it onto the site, its
3 transport won't take too long and it will be good concrete
4 when we put it in. And in that process, we noted some
5 failure to follow some of the procedures set up for that
6 testing activity. We identified those earlier. And then,
7 we had identified that on a condition report from our
8 oversight of the project.

9 Then, as we got towards qualifying the welders to
10 this head welding process, they were in training. And one
11 of your inspectors as well as our project managers were in
12 that training, and confirmed that some of the process
13 documents from the manufacturer with specific setup and
14 configuration we were using were not being used in that
15 training.

16 At that point, these issues were coupled or
17 aggravated, I'll say, by quality oversight of the job.
18 Bechtel, our contractor, part of their responsibility was
19 also to provide quality control and quality assurance
20 oversight. Of course, we have our own quality oversight.
21 They were responsible to have their own quality people
22 observing what they were doing.

23 These people were on the job. We had some problems
24 with them not spending enough time specifically at the
25 location inside containment where we wanted them, and also

1 were in the same class as these categories where this
2 activity was not being done properly and the quality
3 organization is not responding appropriately in our minds.

4 So, at that point, we identified those concerns on
5 another condition report. The contractor in this case
6 stopped all their own work, put together a going-forward
7 plan for us, and included changeouts of personnel. Re --
8 I don't want to call it training, but had a standdown with
9 all the personnel involved with this job; reaffirming the
10 expectations and the need to precisely follow the
11 procedures and to make sure that we were provided with
12 quality trained people.

13 They undertook their corrective actions. They
14 provided us with their plans for going forward. And, we
15 approved that plan and put them back to work on the
16 permanent plan structure.

17 Now, I said that they were, we did get new quality
18 oversight from Bechtel in that process. We also confirmed
19 that none of the work that was done to-date suffered as a
20 result of any of the problems that we had seen. We did
21 verify that there was sufficient quality control
22 oversight.

23 The real job of certain, taking the concrete out, is
24 not, not much to do to harm the rest of the containment
25 there. But in cutting the steel on the pressure vessel

1 itself, containment pressure vessel, there is some controls
2 that you need to keep by way of keeping that proper heat
3 and stuff. We did have the records to indicate that those
4 heats were maintained, that there was system quality
5 oversight to that, so we confirmed that none of the work
6 that had been done to-date suffered as a result of those.

7 So, that's where we're at with that. Next couple of
8 things, just a few pictures. This is kind of an
9 interesting picture where the old reactor head is being
10 transporting out at the same time it's going right past the
11 new one coming, on its way in. It was out with the old and
12 in with the new.

13 The old reactor head is covered in blue. That is a
14 temporary paint that's put on the head itself to make sure
15 that the examinations go right on the head during its
16 transport. That was on its way over to the place where we
17 stored it.

18 The next picture shows the new head. It's a work
19 platform. Above it is the opening in containment where the
20 crane is moving the head into the containment.

21 The next picture is --

22 MR. MYERS: Wait a minute,
23 come back. If you'll look on the head, that's the polar
24 crane. That's the crane we rented to make the lift on the
25 outside, but you see the taped off area at the top of the

1 gray or the top of the head, that's; what are those?

2 MR. SCHRAUDER: Right there,
3 these are the new, this is the lower support of the service
4 structure, and actually the next picture we'll go to that.
5 This is the reactor vessel head sitting on the stand in the
6 containment. These gray cores that you see here, are the
7 openings that were made into this service structure, lower
8 support service structure, to enable us to do accurate and
9 adequate inspections of this reactor vessel head.

10 The new service structure comes on, will sit right
11 on that ring, on the support skirt and then it will be
12 welded into place there.

13 These things that are covered here, are the bottom
14 flange where the control rod drive mechanisms will be
15 brought over and service structure put on and bolted in
16 place.

17 That is the reactor vessel. The new reactor vessel
18 head is sitting on the stand in containment.

19 Next slide shows the old -- not the old, but the
20 yellow picture up there is our service structure as it was
21 standing on the stand. It is a nice new white coat down
22 there in the lower right hand corner. The service
23 structure is waiting to be lifted and placed on the reactor
24 vessel head.

25 And this, the next picture is just, we talk about

1 cad welding and placing the rebar and reinforcement bar
2 back to containment. That's what rebar looks like. The
3 center section here is the piece that's packaged onto the
4 rebar. This is actually in a test rig here.

5 One of the things we had to do is qualify this cad
6 weld while we were doing it. So, we take that in and put
7 it onto a representative piece of the rebar, and then apply
8 pressure to it. And the goal is to have the rebar itself
9 break before this weld apparatus let's loose. In this
10 case, we have a successful activity there where we did
11 break the rebar before the splice was.

12 Questions on the reactor vessel head, and status?

13 MR. GROBE: Nope. Thank
14 you.

15 MR. SCHRAUDER: Okay. The next
16 speaker is Randy Fast.

17 MR. FAST: All right. Thank
18 you, Bob.

19 Myself and Jim Powers both worked on the System
20 Containment Health.

21 Go to the first slide.

22 We've already talked about a lot of the major
23 projects that we have going on. I just have a couple of
24 items that I want to update in relation to containment
25 health. First of which is our inspections are essentially

1 completed. We're about 99 percent complete with those
2 inspections.

3 We had some minor areas that were obscured, because
4 of scaffold or something else that have been noted; that
5 detail has been identified and we'll go back for a
6 subsequent inspection. But the areas are small. We don't
7 think there will be anything significant that comes from
8 those inspections.

9 The good news is as well, we didn't find a lot of
10 different things. Most of the issues are minor in nature.
11 There is some minor surface corrosion in the areas that
12 have to be recovered, but most of those can be recovered by
13 minor maintenance and using the existing work practices.
14 So, we don't see any major challenges in that arena.

15 Next item is the containment sump. And if you just
16 go to the next slide, you'll be able to show really a
17 conceptual drawing of what that emergency sump will look
18 like.

19 Took a page from water technology, you'll see on the
20 far right toward the bottom is the existing emergency
21 sump.

22 Thank you.

23 You'll see a drilled pipe that connects to that, and
24 goes to what I'll call a boxcar arrangement, which extends
25 the sump surface area from the existing 50 square feet into

1 an array that actually will go to upwards of 1100 square
2 feet.

3 Because of the flexibility of this design, this will
4 also allow us to extend the sump in the other direction.
5 We don't have that artist's rendition here, but it will
6 actually allow us to extend the sump in the other direction
7 around the containment down into the access core that goes
8 under the vessel.

9 So, this is a very flexible design. I think this is
10 really going to add opportunity for the rest of the
11 pressurized water reactors to take a page from the lesson
12 learned here at Davis-Besse. We'll share this technology
13 and these ideas, and be able to help others. Actually,
14 improving this margin will put us in the leadership role or
15 at the high end of PWR, Pressurized Water Reactor
16 technology in the surface area. We feel pretty good about
17 what we're able to get in the way of containment sump.

18 And the last item I was going to talk about is all
19 the insulation has been removed in the piping systems and
20 containment coatings walkdowns are completed.

21 We do have about 15,000 square feet of surface area
22 that are not qualified coatings. We have a couple
23 options. We can take those coatings and evaluate those for
24 qualification, or we can remove those. And, one of the
25 areas Mike had talked about for flood tanks about 3,000

1 square feet each; those coatings will be removed and
2 reapplied with a coating that does meet the standards.

3 Those coatings were existing from the original plant
4 design. So, we do have some, about 15,000 square feet of
5 remediation for coatings in the containment.

6 MR. GROBE: What went into
7 determining the surface area design for the new containment
8 sump? How did you conclude that you needed 1100 square
9 feet?

10 MR. FAST: Lew just said, as
11 big as possible. This is one of the cases where we gain
12 considerable margin. Because this is an industry issue in
13 having available surface area to ensure that through a
14 design basis accident, that water can free flow and provide
15 the net positive suction head necessary for the pump for
16 recirculation. The larger the sump the better, is the
17 bottom line; and it allows a lot more margin for.

18 So, we took existing space that was available in the
19 containment and that's why this, this actual boxcar
20 arrangement provided that flexibility.

21 MR. POWERS: Which also, Jack,
22 there has been some studies on the industry in general or
23 PWRs containment size versus sump size. And we took a look
24 at that, experience benchmarking in other plants and this
25 size will put us at the top, top desk level in terms of

1 size of sump relative to containment. So, that's another
2 benchmark we used to make sure we had the capacity we
3 needed.

4 MR. GROBE: Just to make sure
5 I'm clear. You have not concluded that the original sump
6 size was insufficient to provide net positive suction head
7 for the pumps?

8 MR. POWERS: Let me talk about
9 that. We had a concern as we got into the details to
10 evaluate the sump capability on its size. It's a
11 relatively small sump. And it was designed as were many of
12 the emergency sumps back in the original design of the
13 structure of the plants for 50 percent blockage, and the
14 pumps would have adequate suction through that if it was 50
15 percent blocked. And that was provided in the regulations,
16 that was the requirement, and we followed that.

17 Now, on more recent walkdowns on containment health,
18 including the coatings qualification issue, we've found,
19 and as Randy described, we found that a number of areas we
20 don't have qualified coatings. That includes the four
21 flood tanks, there is some smaller pieces of equipment that
22 need touchup work in the containment, and as well as the
23 coating on the dome of the containment requiring
24 restoration because it was beginning to peel off.

25 So, we found a number of areas where coating may

1 come off in an accident-type situation. And that's
2 typically from design basis. Accident with a large break,
3 lot of energy, temperatures, high temperature steam is
4 released, and coating can come loose. And if it is enough
5 flow through the containment of steam and condensed water,
6 that coating debris can get washed down to the containment
7 sump and potentially block it. So, that's what we're
8 concerned about.

9 Now, there is a lot of work that goes behind
10 assessing and evaluating that. That leads to the transport
11 theory, in terms of what are the pathways that, where it
12 has to navigate to get down to the sump. There is in many
13 cases a tortuous path that it needs to take.

14 So, we're in the process of evaluating the
15 ramifications of the coatings in containment and the size
16 of the sump. And, we're looking where we stood relative to
17 the sump's capabilities in the past. In the future, we're
18 going to have one of the largest sumps in the industry.
19 And we'll have quite a bit of margin over the plant.

20 MR. MYERS: You know, really
21 it's the coating we talked about. We've got the qualified
22 coating list, provide some of the coatings on the simple
23 things. If we go to another vendor to get that coating
24 qualified, then the issue is not nearly as big. So, we
25 don't know that it couldn't qualified the coating we're

1 talking about, but the simple thing to do, when you need
2 another coating is take it off and replace it. From a
3 management standpoint, it might be the easiest thing to
4 qualify.

5 MR. GROBE: When you did the
6 containment inspections, did you find any other
7 deficiencies with the sump?

8 MR. POWERS: Yes. There was a
9 couple deficiencies we found in terms of, we found one
10 small opening in the sump that didn't meet its specified
11 criteria. The sump is intended to have quarter inch,
12 screen out quarter inch particles from the suction flow.
13 And we found that an opening, small rectangular opening, I
14 think it was in the range of 3/4 inches wide by 5 or 6
15 inches long. That would not have met that requirement, so
16 that's another, another issue we found with the sump.

17 There was also some work having done in the past
18 that really wouldn't meet our standards today, in terms of
19 closing off other small openings in screens. And this is
20 typically an industry issue where structural steel
21 penetrates through the screens or the screens interface as
22 a box is put together for a sump, there may be openings
23 that are screen size along those interfaces.

24 And we found some of those that in the past had been
25 covered over with lead bricks to sit on top of any of those

1 openings and it doesn't meet our requirements, expectations
2 or standards for modification in containment for the sump.

3 We're going to rectify that along with this
4 modification. So, there is a couple of other issues there
5 that we're addressing in terms of health and functional
6 capabilities of the sump and where we're at.

7 MR. GROBE: You mentioned
8 insulation removal, when you complete this work, or it's
9 completed now, does that mean that all fibrous insulation
10 has been removed from containment?

11 MR. POWERS: I think a large
12 portion of it is going to be removed. Insulation removal
13 is ongoing for continued inspection and pressure boundary
14 of the Reactor Coolant System is part of completing our
15 inspections there. So, that refers to initially going in
16 and engineering replacement of insulation. So, there may
17 be some areas where the established insulation is
18 encapsulated and it's nowhere near any pipe break zones or
19 any other events that could break it free. We're going to
20 the major extent, most of the pipe installation will be
21 removed and replaced with alternative insulation that is
22 not fibrous.

23 MR. GROBE: Okay. Thank
24 you.

25 MR. MENDIOLA: I may have missed

1 this, but where does this idea, this concept come from?

2 What was its origin?

3 MR. POWERS: Over at the Perry

4 Plant, we put in what was at the time the largest suction

5 strainer in the world during a refueling outage in 1996.

6 That was shortly after Lew arrived at the plant.

7 MR. MYERS: We've done this

8 before.

9 MR. POWERS: Right, and that

10 was over a hundred feet in diameter. And the containment

11 at Perry, one of the water reactors is quite different than

12 this. There is a water pool at the bottom that the pumps

13 take their suction from, emergency pumps. And we put a

14 strainer there that went all the way around. Some of the

15 engineers affectionately refer to it as a naval strainer.

16 But it's over a hundred feet in diameter, over eight

17 pieces weighing four tons each. And we put it in at a

18 refueling outage in 12 days underwater with divers bolting

19 that and putting it into place.

20 So, we have that experience, and we have brought the

21 same engineering organization to bear upon this, same

22 individuals personally containment walk this down; for

23 bringing this perforated screen concept to this, it's

24 slightly different, but it's the same, same type of

25 concept.

1 MR. MENDIOLA: It's not exactly
2 what I was asking. But what I'm saying, somebody had to
3 step up. Some engineer someplace said, hey, look, I have
4 an idea; and offered it to you or your organization and my
5 concept with an understanding of how, a radical move idea
6 like this, germinates to an actual plant modification?

7 MR. POWERS: How the idea goes
8 forth? Really, it's looking to see the longstanding
9 issues at the plant, and with experience that we've brought
10 from the outside, what improvements could be made. In
11 talking to the engineers at the plant on various -- that
12 they would like to see improvements, and asking about
13 this. We knew from our experience at Perry that there was
14 an issue with sumps that were being addressed in the
15 industry, and there is a lot of operating experience in the
16 industry.

17 So, there was a looking forward to what is going to
18 evolve. The NRC is setting of course some regulations on
19 that in the near future. And, some of the industry groups;
20 Nuclear Engineering Institute, or Nuclear Energy Institute,
21 has provided guidance on it.

22 Collective significance of all that knowledge on the
23 industry issue led to us going in there and assessing where
24 exactly do we stand and found out that the size of the sump
25 was relatively small relative to the industry peer plants.

1 And so we put one of our plant employees as a project
2 manager to work on coming up with an appropriate solution
3 and we gave him the resource of our outside engineering
4 firm, to provide designs.

5 So, they've been working in concert and this
6 engineer is going to be able to see his concept come to
7 fruition. Basically, getting behind it and making it
8 happen as priority for safety function.

9 MR. SCHRAUDER: The sequence
10 of events, Tony, was we identified we wanted to increase
11 the size of the sump. That was the first idea. Then set a
12 team of engineers in place to say, go look at some options
13 to see how we can be able to increase the size of the sump.
14 And they looked at several opportunities to increase the
15 size, increase the pit size, opening up some more areas on
16 containment.

17 One of the persons on the team came up with the
18 arrangement of how we should increase the size of the
19 sump.

20 MR. MENDIOLA: I take it this has
21 been months in the making, years in the making, since the
22 first of the year?

23 MR. POWERS: I would say we
24 have been working for several months on this one.

25 MR. MYERS: It wasn't one

1 person. We brought some stuff in from Perry Plant that we
2 had done. We had an engineering firm there. We were
3 talking about the issues and industry experience. I think
4 it was a team effort.

5 MR. POWERS: Right, talking
6 with the people at the site, how they felt about it,
7 looking back on it, and where we stood. So, it was a team
8 effort.

9 MR. MYERS: It was a good
10 team effort. There isn't one person you can point to. It
11 was a team effort. We had the engineering firm together
12 and everybody sat in a room and this is what we hammered
13 out.

14 MR. POWERS: The nice feature,
15 although it hasn't been going on for a long time, it's made
16 up of perforated pieces of pipe, stainless steel pipe that
17 we bolted together. So, a large amount can be built in the
18 shop in a controlled environment and shipped to the site.

19 MR. MYERS: Pretty neat.

20 MR. GROBE: Okay. Okay.

21 MR. FAST: With that, I'll
22 turn it over to Jim talking about System Health Plan.

23 MR. POWERS: The System Health
24 Plan, we had talked at the last meeting about the walkdowns
25 coming to completion. At that time, they were just about

1 complete and we have completed those walkdowns and that was
2 by multi-disciplined teams of maintenance, mechanics and
3 engineers, operators, system engineers and management
4 members going out and walking down systems.

5 We have our 31 reviews ongoing is what we refer to
6 as Maintenance Significant Systems, System Health Readiness
7 Review level. And those reviews, they're ongoing, making
8 good progress. Each system engineer of the systems had
9 several experienced contractors from the outside that have
10 gone through plant reviews such as this supporting, and
11 they're going through the past work orders, modifications
12 and corrective actions in our system, to assure themselves
13 that the right thing has been done; and if not, we have
14 questions about it and document it on a CR and Corrective
15 Action Program for evaluation.

16 And thus far, we have had 500 of those questions in
17 the Corrective Action Program, that the Restart Safety
18 Review Board has categorized as restart related requiring
19 evaluation prior to restart.

20 We have a pretty low threshold for issues.
21 Walkdowns, we found a number of small issues. I talked
22 about them the last time. Areas of the plant where there
23 may be some rust. It is a 25-year-old plant. So, there is
24 some areas where refurbishment would be recommended, some
25 cleanliness issues.

1 There is also a few issues where we needed to make
2 changes to restore operability. So, we had the full gambit
3 of small housekeeping observations to equipment issues.
4 And, good thing about the whole process was we have teams
5 of people working together to find out what standard they
6 had been living to and was it really acceptable to them
7 collectively when they got out as a team. They found no.

8 It was easy for them to write down things they felt
9 were areas for improvement, and we got positive feedback
10 even from the maintenance people on the teams. They
11 thought it was very worthwhile to get together with some of
12 their other peers, working together. We're going to carry
13 that forward into a future requirements over at the
14 Davis-Besse Plant and other FENOC stations to do these type
15 of walkdown reviews.

16 We have five of the System Reviews have been
17 completed by the responsible engineers and their teams. Of
18 those, there is four reports that were prepared and sent to
19 the Engineering Assessment Board. Two of the reports were
20 approved in terms of their comments noted on those, are
21 being incorporated now, but they passed muster through that
22 review board.

23 Two of the other reports need further work before
24 they go entirely through the board. One is getting,
25 addressed to get prepared for the board. It's issues like

1 format, consistency and looking at this work for several of
2 these, we're trying to get comments on these, taking these
3 back to the other reports ongoing.

4 So, we're at the beginnings of issuing out the
5 product. We have to go to the Engineering Assessment Board
6 and Comments Incorporated. Then, they will go through
7 validation process where an independent team will look
8 through them to see if they meet procedures provided to
9 you. And tell us what we're going to do. When they
10 believe they're completely correct, it goes to a Restart
11 Management Team, which ultimately recommends approval of
12 these reports. And then they'll be available for your
13 inspection.

14 So, we're beginning to see that process now, and
15 continuing that. I think it's bearing fruit in terms of
16 improvement to the plant and raising the standards.

17 Next on Program Review?

18 MR. MYERS: Yes.

19 MR. POWERS: Approximately 70
20 percent overall completion is how I characterize where
21 we're at. As you know, we have two levels of system
22 reviews; the 31 systems we're talking here; the
23 maintenance, our working system.

24 We also had five systems that we were looking at in
25 greater detail, very eye level detail. We had good

1 sampling, digging down to things like calculations and
2 design basis. And those are going along pretty well also.
3 And overall, I would say our effort is about 70 percent
4 through.

5 We've done an assessment recently on how well we're
6 doing in terms of staying on track, because we do have
7 multiple teams working on individual systems. We want to
8 make sure we have consistent quality, consistent
9 expectation of driving into the documentation and following
10 threads on issues that are found. So, we've some
11 individuals, experienced individuals, who are planning
12 recovering items and assessments and we think we're doing
13 pretty well.

14 Reinforcing the people of quality. It's important,
15 important to schedule. We want to make sure quality gets
16 incorporated completely into the effort. We're looking at
17 our management team every day to what we can do to provide
18 resource, remove obstacles and barriers to get the work
19 done on the schedule, but with the appropriate quality.
20 So, that's what we're, that's what we're about.

21 In terms of issues, there is tremendous smaller
22 issues. We're looking at those. We're looking at those
23 from a microsignificant standpoint of getting into
24 evaluation of the issues to see, see that there is, if
25 there is anything major.

1 One of the ones I wanted to talk about was tornado
2 missile protection. I think I touched upon it in the last
3 meeting. This would show a typical issue that we've come
4 up with in the plant, and given this plant is 25 years
5 old.

6 This is the missile shield that's over in exhaust, an
7 exhaust pipe, if you will, from diesel generator at the
8 plant. And during the system health walkdowns, it was
9 found that the attachments on the parapet on the building
10 roof, there was some standing was cracked and it was
11 falling, probably from water intrusion and freeze/thaw,
12 cracking in the concrete.

13 So, that is not acceptable. That's not standard we
14 want to abide by when we're out there in the plant. So,
15 that's being addressed, and resolved.

16 We're also, as we address this, we're looking at a
17 broader picture on our tornado protection features at the
18 plant and looking more broadly on how we stand at tornado
19 missile protection. And we have that up to par the way we
20 want that, to importance of license basis and sign basis of
21 the plant. There is more work in that area.

22 MR. GROBE: Jim, missile
23 shield is a concept that we talk about all the time. Folks
24 in the audience might not understand what you're talking
25 about. These are not SCUD missiles. Let's talk about what

1 a missile shield is.

2 MR. POWERS: Right. At the
3 nuclear plants, we design in case of a tornado, a tornado
4 can pick up missiles like, that might be lumbar that's
5 around the plant, or trees or fencing, or you know, you've
6 been out in the tornado damage. Well, we're designed for
7 the maximum credible tornado in the area to withstand that
8 in the plant for safety systems. So, they have barriers
9 over them to protect them from tornado missiles.

10 So, that's what this is. And, that's what tornado
11 missiles is about. Thank you.

12 Okay, the next slide.

13 I talked about recent assessments of how we're doing
14 with System Reviews and work is on track according to the
15 plant. We're essentially answering the right questions,
16 working our way completely through the plants. We do have
17 some issues I'll touch on briefly. We're several days
18 behind, and as I mentioned, we work with this every day to
19 see what we can do to help the teams be successful, get the
20 work done, high quality for the plant. Targeting the
21 schedule we would like it to be.

22 A couple of technical issues we'll be working on
23 that's been identified, our Aux. Feedwater System. There
24 is strainers in there to pump function. There is a
25 function in the system that would be provided from not in

1 it's normal source within the plant concept system, but
2 from the Service Water System.

3 And service water to the systems take outside pond
4 water, if you refer to, refer to it that way. And, process
5 it through the system. And that, those pipes can sometimes
6 collect silt and dirt, and there was a concern identified
7 that it's not used very frequently, so that supply may need
8 to be cleaned to make sure it's clean and won't block the
9 strainer; and also inside the strainer, whether that needs
10 changed.

11 Another one is HELB stands for High Energy Line
12 Break. In the plant, we look at our high energy line, a
13 200 pound PSI pressure lines, and if they were to break,
14 for some reason, what would happen. And we protect all
15 throughout the plant the important equipment should that
16 happen sometime.

17 And the calculation basis of that is the engineers
18 going through and looking at this. This is part of the
19 System Reviews. Looking at this type of detail, how, what
20 state of calculations are easily retrievable. They
21 reference each other well. They've been kept up-to-date.
22 They meet today's standards for analyses and calculations.

23 And there is areas in here, collective significance
24 of some of the issues that they've found. We'll be going
25 through those calcs.

1 That's kind of, two typical problems that we
2 identified. We think what we've seen so far the restart
3 activities that are being accomplished in the plant. The
4 corrective action documents that we're issuing; issuing a
5 number of them every day as we go through here and finish
6 up with them. We do them, and turning our attention to
7 evaluate them, not only individually, but collectively what
8 they mean, and putting resource on them.

9 It's going to be a process of discovery, as we then
10 go with a problem that's been identified, research it,
11 determine what needs to be done to fix it. Some things may
12 be a minor matter of work. Some things may need more
13 work. So, we're getting that done in the plant. Determine
14 that, and find a lot of resource on that to make sure that
15 happens.

16 Questions?

17 MR. GROBE: Any questions?

18 MR. DEAN: Jim, I had a
19 couple questions. One is going through the System Health
20 Plan Reviews and working with the staff, is I think a good
21 opportunity for you all to reinforce your message regarding
22 standards.

23 I guess what I would be interested in hearing is,
24 what are you using to ascertain whether something makes it
25 to your restart list, as opposed to what's been a

1 nonrestart item?

2 MR. POWERS: Bob could

3 answer that.

4 MR. SCHRAUDER: I chair the

5 Restart Station Review Board and it is our charge to review

6 all of those documents that have come out for whether they

7 are classified as restart or not.

8 What we're doing as far as the corrective actions

9 go; we categorize them as either being specifically

10 addressed on the O350 criteria. That's table one.

11 Table two is a series of related things to deal with

12 nuclear safety, radiation protection, reliability of the

13 plant, a couple of other activities. And then there is

14 another category, there is minor maintenance does impact

15 the functionality of the system, some minor issues.

16 We're taking each of the CR that comes out on a

17 daily basis. We put it back to the first day of the

18 outage, an issue for. And myself, and the production, what

19 I call the production managers at the plant, that is the

20 operations manager, the design engineering manager, plant

21 engineering manager, radiation techs manager and

22 maintenance manager sit on a daily basis, go through those

23 lists and see how they match up with those two tables.

24 We're also looking at work orders, at all the open

25 work orders. We're looking at determining whether they are

1 needed to be done prior to restart. How they impact the,
2 potentially impact the functionality of the system. Are
3 they on-line work? Are they just old issues that we've
4 decided we want to get done?

5 The work orders we've categorized as a series of one
6 hundred, two hundred, three hundred, four hundred; let's
7 take one hundred; those represent issues that are again
8 identified as part of the head issue and the review
9 process.

10 Two hundreds are as management just said, we are
11 going to complete these prior the restart and we are
12 willing to hold up the restart if they're not completed.

13 Three hundred are a lot of less significant issues
14 that we're saying, well, we're down right now. We have the
15 work force here that we have. We would like to get as many
16 of these tests accomplished as possible, but we do have
17 some flexibility. If they don't get done, we can come back
18 to them before restart and decide whether we can complete
19 them or not.

20 And four hundred, are items that are on-line work
21 activities that aren't impacting the systems capability,
22 and they can be scheduled for after the outage.

23 That's kind of the process we've been through.
24 We're also looking at seeking changes and we'll look at,
25 what we've done first with the corrective actions is as CRs

1 are written, we first categorized whether the evaluation
2 itself on that condition needs to be done prior to
3 restart. Then, for all of those that we evaluated prior to
4 restart, we'll go through a similar process to determine
5 the corrective actions that come out of those evaluations
6 need to be done; which ones need to be done prior to
7 restart and which ones can be scheduled after the plant is
8 restarted.

9 MR. DEAN: So, the decision
10 making process is really an expert panel chaired by
11 yourself and other key managers of the various departments?

12 MR. SCHRAUDER: That's right. And
13 we also have, we do have an expert on the panel with us,
14 that is going through these. And QA organization
15 frequently comes in and observes our process and monitors
16 how we're doing.

17 MR. DEAN: Second issue I
18 want to raise.

19 MR. MYERS: Can I have a
20 moment?

21 MR. DEAN: Go ahead.

22 MR. MYERS: One of the things
23 that we've done --

24 (Requested speaker to repeat.)

25 MR. MYERS: A couple things

1 that we're done at our other plants in FENOC, and we've
2 institutionalize here, we do a restart assessment with the
3 senior management team, why we should restart. And we'll
4 do that prior to, before ourself.

5 And, usually that meeting will last a couple days
6 and we'll bring in various groups, including a private
7 panel, and do an assessment of our overall work outstanding
8 and work we got done, are our departments ready to support
9 restart, our training we've done. And so before we ever
10 move up into Mode 4, we'll sit down for a couple days and
11 do that overall assessment in an integrated manner, until
12 we feel comfortable that we're prepared to go forward.

13 So, that's something we haven't done at this stage
14 of the process.

15 MR. DEAN: The second issue I
16 wanted to raise, you talked about the System Health
17 Reviews, but there is also, you didn't provide any
18 information that I saw on five or unless they're included
19 under the five maintenance system reviewed, the latent
20 issues review?

21 MR. POWERS: Those reviews are
22 going forward. They, the team is making good progress
23 there. We're finding some other issues. In the case of
24 those, we're digging into design basis. We're finding some
25 issues there in terms of calculations and how they can be

1 cross-referenced.

2 We're looking to testing programs that have been
3 done for the systems and how well they are linked to the
4 design basis calculations and licensing basis. And, we're
5 finding issues in those areas. And as we get those
6 Condition Reports in, we'll be evaluating that
7 collectively, see what the overall picture is. That we're
8 making pretty good progress, you know, we found some issues,
9 nothing, nothing great.

10 MR. DEAN: I guess my
11 question there, it would seem to me that the latent issue
12 review would be the process by which you would determine if
13 you had other systems, safety systems that were impacted,
14 similarly reactor vessel head was impacted, due to the
15 determination of latent type issues. So, I was wondering
16 if you would see anything that would replicate that pattern
17 or have some of those factors that you've seen?

18 MR. POWERS: No, we haven't
19 seen anything, we haven't seen anything specific yet. I
20 talked a little earlier the fact on that line, line break
21 calculation, collective significance. That would be one of
22 those cross-cutting issues.

23 This is one we found specifically the Auxiliary
24 Feedwater Pump Area. We'll be assessing that to see
25 extended condition, is this a whole set, type of

1 calculations, needs to be improved or not. So, we are
2 seeing that sort of thing, but a couple cases like that.
3 Program is giving us that type of information.

4 MR. GROBE: Thanks, Bill.

5 That was an excellent question. It brought to mind
6 something I think I wanted you to talk about.

7 Could you talk a little bit about the pipe stress
8 issue that you identified on service water and containment
9 air cooler impact?

10 MR. POWERS: Right. On the
11 containment air coolers, which are in containment, and
12 we've talked about those in past meetings. We are
13 replacing the containment air cooler coils, which are like
14 radiators. And they cool the containment air, keep it
15 cool; and they run service water through the coils, kind of
16 like a radiator in a car.

17 And they were degrading because of the Boron in the
18 area containment getting on the cool phase, and into the
19 piping. And so we replaced those, we're upgrading to
20 stainless steel and we're providing more easily inspection
21 of the cleanliness of the inside of them.

22 What part of the specification process is going
23 through the engineering to put in the new coils, we
24 developed some questions on the past design in the area of
25 these coils. In that the, the annulus, I assume that the

1 nozzle connection from the piping to the coil, that's
2 basically the bolt to flange connection, was very flexible
3 and that thermal growth in a high temperature condition in
4 containment, thermal growth of piping pushing against those
5 nozzles would be acceptable.

6 Our engineer is looking at that now, to question
7 that input. So, we're getting good detail in terms of
8 fitting, looking for what's been done in the past, not just
9 accepting things as they are, but questioning them.

10 In this case, there is a question on that. We think
11 nature nozzles were stiffer than what was assumed in the
12 past analysis of the old coils and we're evaluating now
13 what that means. They may have been overstressed from a
14 code op, stress standpoint, but they may have been
15 functional in terms of some defatation, but maintaining
16 functional capabilities, structural integrity.

17 So, we're evaluating that captured in the corrective
18 action process, Jack, and that's what that issue is about,
19 an issue we found. And we're addressing it both past
20 operability concerns, plus looking forward on that. We've
21 changed the design of those manifold through pipe
22 connection coils. We've made it much more easy to access
23 and inspect cleanliness inside the piping and now we're
24 looking at probably adding flexible hose fashion, so there
25 is very little thermal stress.

1 MR. GROBE: Any questions?

2 Before we move onto Clark, I think you were ready to
3 move on; is that correct?

4 MR. POWERS: Yes, I'm ready to
5 introduce Clark Price to talk about Performance Indicators.

6 MR. GROBE: Before we do that,
7 why don't we take a five minutes break. It's 5 to 4
8 according to my watch. Let's be back at 5 after. Okay,
9 thank you.

10 (Off the record.)

11 MR. GROBE: I had a couple of
12 questions during the break regarding the board. I want to
13 emphasize that the technical issue with the crane were not
14 uniquely safety significant. The issue that Mike Stevens
15 identified was a workmanship quality issue, more than it
16 was a safety concern with the crane itself.

17 The reason I spent some time on that issue was not
18 so much the importance of the deficiencies with the crane,
19 it was more the root cause, as the individual worker
20 commitment to quality and supervision of the workers in the
21 field. The fact that it took Mike Stevens, the senior
22 management out in the field to identify the concern; that's
23 the good news. The bad news is, it was there.

24 I just want to make sure everyone is understanding
25 that the specific conditions with the crane itself were not

1 particularly safety standard.

2 Why don't we get on to Clark.

3 MR. PRICE: Thank you, Jack.

4 Good afternoon. My name is Clark Price. I'm the
5 Manager for Business Services at Davis-Besse for the
6 Restart Plan. I am the owner of the Restart Action Plan.

7 As you've heard, we're making good progress towards
8 our restart, but we also have many challenges ahead and the
9 next slide I'll show will demonstrate that.

10 One of my responsibilities as owner of the Restart
11 Action Planning Process is to maintain a set of performance
12 indicators for the Davis-Besse Restart Management Team.
13 To both assess our progress towards restart, and also to
14 monitor a number of performance improvement areas that we
15 have targeted in our restart efforts.

16 The first slides we chose for today's presentation
17 will monitor our progress on three of the building block
18 areas that we discussed today. The restart actions that
19 we'll talk about are those conditions that we have found
20 through many inspections and reviews that need evaluation
21 and correction prior to restart.

22 And Bob Schrauder explained what the Restart Station
23 Review Board does in the evaluation of those activities.

24 So, that led real well into this discussion. If you have
25 any questions on these charts as I go through them, please

1 stop me at any time; and myself, or one of the panel
2 members will try to address them. Otherwise, I'll keep
3 going through them.

4 This first performance measure tracks our Extent of
5 Condition Reinspection on the containment for the Boric
6 Acid conditions. And as you can see and Randy talked about
7 earlier in his discussions on containment, we are just
8 about completed now with those reinspection activities.
9 So, this marks a very major milestone in our efforts for
10 the extent of condition as a result of the, the head
11 issue.

12 This next performance measure, performance indicator
13 tracks our Open Containment Health Restart Actions. One of
14 the things that we've done differently this time from the
15 last presentation, I need to point out at this time, is
16 that we removed the corrective actions from this
17 performance indicator. We had both the corrective, the
18 Condition Reports and the corrective actions. We were
19 trying to combine them on performance indicators for
20 overall restart actions. It got way too complicated and we
21 weren't able to monitor it well. So, we broke those two
22 part.

23 This particular indicator here is looking at
24 Condition Reports that have been generated from all the
25 inspection activities as a result of the inspections in

1 containment. As you can see here, we have over five
2 hundred Condition Reports.

3 The latest activity you see with the dark bars in
4 the chart represent the reinspection activities that are
5 going on as well as coating inspection activities going on
6 for the last several weeks. As you can see now, the
7 inspection findings and the condition, of course, is
8 starting to drop off in that area.

9 The next performance indicator is our System Health
10 Readiness Reviews.

11 MR. GROBE: Clark, before you
12 go on. Each conditional report may have several corrective
13 actions that are necessary to resolve it.

14 MR. PRICE: Yes, I'm glad you
15 stopped me here. There is one thing I failed to mention.
16 One of the things that we had done with our restart
17 actions, as you can see, our pile got quite high with
18 Condition Reports. On each of these three Building Blocks
19 I'll be discussing here, the restart station, our senior
20 management team has assigned project managers for each of
21 these. And, they are responsible for working, putting
22 together the plans and getting necessary resources to work
23 these Condition Reports off.

24 Jack, what was your specific question? I failed to
25 answer it.

1 MR. GROBE: Corrective actions
2 necessary.

3 MR. PRICE: Oh, yes. It's
4 part of that, as a matter of fact, the project manager who
5 discussed this at the last senior management team meeting
6 discussed about six corrective actions will come out of
7 these Condition Reports on average. With about four of
8 those corrective actions actually resulting in field
9 activities.

10 MR. GROBE: Okay.

11 MR. PRICE: You can give an
12 idea how that will expand.

13 MR. GROBE: Okay, thank you.

14 MR. MYERS: Again, there is a
15 lot of these corrective actions in groups, like something,
16 or one work order, could be a whole bunch at one time.

17 MR. PRICE: This also
18 represents the Condition Reports. As Bob Schrauder mention
19 earlier, we've been very conservative in our application of
20 restart required classifications relative to the Condition
21 Reports that come out of all the inspection activities.

22 Our next phase will be looking at the corrective
23 actions and then also finding restart criteria to the
24 corrective actions. And some of these corrective actions
25 may or may not be required before restart, but a fair

1 number of them will be.

2 In the System Health Readiness Review area; as Jim
3 discussed earlier, Jim Powers, we have completed two
4 reviews, our first two reviews now. And they are going
5 through validation process and they will be ready for
6 inspection by the NRC.

7 In the small box there you can see that we have a
8 number of them, these are in various phases they go
9 through, so there is a lot of work going on in the System
10 Readiness Review area with 25 of those that have been
11 scoped out to be Engineering Assessment Board; five are
12 actually ready for the Engineering Assessment Board review;
13 and two of those that have actually gone through the
14 review. So, eventually, the far right box in the right
15 will fill up to the 31 counts of service, which this is
16 completed; all inspection reviews are completed.

17 The next slide shows all the efforts of the System
18 Health Readiness Reviews. Offhand, also the Latent Issues
19 Reviews. Also, what falls in here, should note is the
20 Operational Readiness Reviews that were done earlier in the
21 year. All of those have been formulated into Condition
22 Reports for corrective action. But these Condition Reports
23 here now again, were developed with in excess level of five
24 hundred Condition Reports that have been identified as
25 walkdowns and reviews, part of the Restart Action Plans

1 underneath the System Health Building Block.

2 You can see from this graph another thing that these
3 graphs are helping us to see, in the dark bars in the graph
4 are the incoming Condition Reports each week. And, about
5 three weeks ago, we see that we peaked out as the
6 inspections and walkdowns were being completed and
7 Condition Reports were being generated as a result of
8 those, that happened in the last three or four weeks.

9 Now we're seeing that tapering off. So, we believe
10 we're well getting through the discovery phase on this.
11 Although the Latent Issues Reviews, which are probably the
12 area where Bob would say 50 percent complete right now, we
13 still generate some Condition Reports going forward.

14 Again, we have a project manager now assigned to
15 work on these directly associated with getting the
16 resources and putting together a plan to work down the
17 Condition Reports to get those evaluations completed and
18 corrective actions identified for System Health.

19 In the program area graph here today is representing
20 Phase One Program Reviews. This is the Program Reviews;
21 we're doing 66 of these. And, what this graph represents
22 is that we have completed now 15 of those reviews. They
23 have gone through the Program Review Board and approved as
24 ready for restart by the Program Review Board. So, we're
25 making good progress on that.

1 There are another 17 that have been conditionally
2 approved by the Program Review Board, but they will require
3 going back to the board for final approval before we take
4 credit for them.

5 MR. GROBE: You just said
6 something, Clark, that confused me. Let me make sure I'm
7 understanding this correctly. I've looked at, I cheated
8 and I looked ahead a couple pages too. I would describe
9 all of these as discovery activities, meaning completing
10 inspections, completing reviews to discover whatever
11 problems you think you need to fix. You just said that
12 with the Phase One Program Reviews, those that have been
13 completed are ready for restart, but they're corrective
14 actions that came out of these reviews, right?

15 MR. PRICE: With the program
16 reviews in this population of Phase One, the 15 that are
17 ready for restart, there were Condition Reports that did
18 come out of those potentially; however, none of the
19 Condition Reports in those 15 were required to be completed
20 prior to restart.

21 MR. GROBE: Okay. Were those
22 less extensive programs, less significant programs, is that
23 why -- I would have expected the Condition Reports out of
24 each of these reviews out of more complicated programs
25 rather than just fix before we start.

1 MR. PRICE: There is an
2 initial recommendation made by the Program Review Board and
3 the Restart Station Review Board then goes through the
4 condition report, and either confirms or may disagree with
5 that classification. The two boards get together and when
6 there is any dissension, and come to a decision on that.

7 These could be more significant or less significant
8 programs. I can't really tell you the population of 15,
9 however they were determined by the Program Review Board to
10 be ready for restart.

11 MR. GROBE: Why don't you
12 go to the next slide.

13 I'm sorry. Bob?

14 MR. SCHRAUDER: A lot of the
15 findings, Jack, coming out of the Program Review that are
16 being documented on the CRs are in fact recommendations for
17 enhancing the program, not necessarily a fault in the
18 program, but an opportunity to improve the program. And
19 those are being asked for the condition reporting process
20 and tracking.

21 We had things in there like you have a primary
22 program owner, but not a backup to that program. Owners of
23 the program should leave tomorrow, you don't have somebody
24 waiting in the wings to step into that. That's one that we
25 would not categorize as required for restart, but good

1 enhancement to the program.

2 MR. GROBE: Why don't you go
3 on to the next slide.

4 MR. PRICE: Again here, we
5 have the Open Program Compliance Restart Actions. Again,
6 these are coming out of the Phase One Program Reviews and
7 the Phase Two Program Reviews.

8 As you can see here, we have in excess of 140 that
9 are currently open. One of the things we see happening in
10 this area of the programs, is as we were writing Condition
11 Reports they're also going, they're being evaluated kind
12 of an as we go basis. So, we've had over two hundred
13 Restart Condition Reports identified. We're around 50 to
14 60 of those have already been evaluated and corrective
15 actions identified out of them.

16 So, this performance measure is showing us that,
17 again, we're kind of getting through the large review
18 phase. We're seeing that drop off a little bit, and we're
19 also seeing an increase in evaluations. So, that's one of
20 the things Senior Management Team is going to be focusing a
21 lot of attention on. As a matter of fact, probably on a
22 weekly basis, we'll be preparing the project managers on
23 these three areas to discuss, make sure they have the
24 resources and getting problems out of the way that they
25 have evaluating these Condition Reports.

1 MR. DEAN: Clark, this is
2 something that triggered in my mind relative to what you're
3 tracking here. The items that are captured under the out
4 portion, does that indicate that corrective actions have
5 been identified and not completed or corrective actions
6 have been identified and completed?

7 MR. PRICE: They're only
8 identified in this particular chart. We have another chart
9 that we'll track corrective actions.

10 Okay. This particular chart here now is showing the
11 total restart actions that we have for the plant, have
12 identified through the process to-date. And as you can
13 see, there is over 1400 Condition Reports now are in the
14 evaluation phase and are required to be evaluated prior to
15 restart. And a number of those will require corrective
16 actions that will come out of those that will be required
17 before restart.

18 As you can see here too on the dark bars down below,
19 we have gone through our peak, what we believe is our peak;
20 again, because of the inspections, walkdowns and reviews
21 that have been going on, we're seeing that those numbers
22 reduce, which is good, but we also now start seeing the
23 lighter bar, which is the evaluations increase a rather
24 significant rate, because as you can see, we have quite a
25 workoff here that we have to accomplish. That's our

1 challenge.

2 MR. MYERS: If we don't turn
3 this curve down, we can not operate this plant. I'm sure
4 you understand.

5 MR. PRICE: Okay. The next
6 three performance indicators are looking more for
7 performance in what we've classified or put in our charts
8 as Organizational Readiness, Human Performance Readiness
9 area. This first chart here is looking at the
10 self-identification rate in our condition reporting
11 process. Let me explain that just for a second.

12 Our self-identified Condition Reports are those that
13 are identified by workers or management, and are identified
14 before they become really a problem; ends up lending itself
15 to us. Something also in nonidentified pile would be our
16 Quality Assessment Organization, if they discover and write
17 a Condition Report on something, that goes into the
18 nonself-identified. Also any kind of NRC inspection or
19 IMPO inspection or any material assessment would be done,
20 would be certainly not self-identified.

21 So, our goal in this particular performance member
22 is keep identification rate in excess of 80 percent through
23 restart. And we're doing fairly well in that area right
24 now, but we have to keep our eye on this, because we have
25 had a huge population of Condition Reports that have been

1 through a self-identification process, they're Building
2 Blocks. And as those now start tapering down, we have to
3 make sure we're continuing to keep that performance.

4 MR. MENDIOLA: Quick question.
5 On the number of Condition Reports that you have measured
6 here, how many of them would you estimate are contractor
7 identified?

8 MR. PRICE: Contractor
9 identified?

10 MR. MYERS: What do you mean?

11 MR. MENDIOLA: Found by
12 contractors, rather than plant staff.

13 MR. MYERS: We have
14 contractors in the system walkdowns.

15 MR. MENDIOLA: I understand.

16 MR. MYERS: Are you including
17 those?

18 MR. MENDIOLA: Just to get an
19 estimate of how many are from your contractors?

20 MR. MYERS: I don't know.

21 MR. SCHRAUDER: I don't have that
22 breakdown, if we're identifying by contractors. We are
23 getting, contractors are identifying issues and are using
24 the Corrective Action Program, but like Lew said, on a
25 large percentage of the walkdowns that are being done on

1 the System Health Reviews, so the percentage right now is
2 going to be very high, much higher than our typical
3 organization, because that's what we've got the people out
4 doing, is specifically looking for these and the
5 documentation process is the CR.

6 MR. THOMAS: The process is
7 once they identify issues under the restart programs,
8 that's a part of them, that they issue a Condition Report
9 when they find a problem; is that correct? I guess I'm
10 curious, maybe this is what Tony's asking, is if you have
11 contractors that aren't working toward, or working the
12 procedures directly, direct them to initiate Condition
13 Reports when they find deficiencies, how many Condition
14 Reports do they generate? Do you have any idea?

15 MR. SCHRAUDER: No.

16 MR. THOMAS: They actively
17 contribute to the business of Corrective Action Program,
18 though?

19 MR. MYERS: Oh, yeah.

20 MR. DEAN: I think why this
21 is kind of a pertinent question. In some of our earlier
22 discussions we had this afternoon, we talked about the
23 large number of contractors, we had an issue with
24 contractor standards; and one of the things that would
25 indicate to you whether the contractors are operating to

1 your standards are whether they are inputting into your
2 Corrective Action System issues. So, I think that's what
3 Tony's question is.

4 MR. MYERS: Some of the major
5 contractors, typically, they did very well. I don't know
6 the number. We can go over, work one out.

7 MR. GROBE: One more
8 observation in this Performance Indicator. It's good that
9 it's above 80 percent, but I'm not sure I can translate
10 that to the health of the organization, for two reasons;
11 one, is you're only out there finding problems. You're in
12 the discovery phase. So, it would be very surprising if it
13 was lower than what it is. Secondly, large number of the
14 staff, as these guys have pointed out, are not your staff,
15 they're contractors, they've just specifically been brought
16 in, because they have experience and capability in this
17 area. So, it's over the next couple of months, that will
18 be the swerve, if that number stays up there.

19 It's interesting to me how you define
20 self-identification. Let me ask a question or two. If an
21 operator goes out and finds a fitting on something that's
22 wrong; is that a self-identified? Okay. What if that
23 instrument was recently worked on by maintenance? It
24 might be self-identified that the operator found it, but
25 it's a maintenance deficiency that maintenance work wasn't

1 performed correctly and it wasn't found during the
2 post-maintenance test. How do you handle something like
3 that?

4 MR. STEVENS: Self-identified.

5 MR. MYERS: It's
6 self-identified. Put a note on, this is for management to
7 look at.

8 MR. GROBE: We've talked
9 about this before, but our inspections, as Christine
10 mentioned, we have five inspections with upwards of 15 to
11 20 people going on right now. Those inspections are going
12 to focus in a number of areas sequential, first looking at
13 the activities that you've planned and you're
14 accomplishing; then doing an independent inspection to
15 confirm not only the results of our evaluation of watching
16 your people do work, but independently confirm that we
17 agree that their outcome is correct, but also look at the
18 performance indicators in each area and all identity of
19 those performance indicators and whether they tell you what
20 you think they're telling you, and we agree those are
21 items.

22 As we do our inspections, the Human Management
23 Performance Management Team that was on site last week will
24 be looking at these types of issues to be sure the
25 performance indicators you have appear to be valid and also

1 that they're sufficient to give a correct picture of what
2 you're trying to identify.

3 MR. MYERS: I think, right
4 now with all the walkdowns, we know, we try to say, we know
5 that this is good. We don't know that we're that good yet,
6 you know. If we can hold this high a level, as we reduce
7 contractor staff, complete our system reviews, program
8 reviews, that would be better to tell us. Right.

9 MR. PRICE: Okay, this next
10 Performance Indicator we have is on Root Cause Quality. We
11 discussed this last month. This is just a continuation
12 now. What we have, what we're looking for in restart
13 goals, is a positive trend towards our long term goal of 90
14 percent approval rate by the Corrective Action Review
15 Board.

16 This performance measure basically assesses whether
17 or not the evaluations are meeting the standards, the
18 requirements of the procedure and the standards set by the
19 Corrective Action Review Board of which Randy Fast chairs.

20 Right now we're seeing a bit of plateau in that
21 area, over the period of the restart period where we're
22 tracking, we're seeing a positive trend, but we need to see
23 that still continue to climb.

24 MR. GROBE: Is this like a
25 rolling average or something?

1 MR. PRICE: Yeah, it's a
2 weighted average.

3 MR. GROBE: Okay.

4 MR. PRICE: On the last
5 performance indicator we have for today is, again, was
6 presented last month, Design Engineering Quality. This is
7 a performance measure that's basically created by the
8 Engineering Assessment Board and is a measure of an average
9 score of the engineering products that go through the
10 Engineering Assessment Board.

11 The EAB or Engineering Assessment Board scores on a
12 scale of zero to 4, with zero being the best. What you can
13 see here is kind of jumping up and down. Our long term
14 goal, restart goals to stay consistently below 1.0 for a
15 weekly average score.

16 I believe we indicated that our indicators are
17 showing positive progress, and we believe our restart
18 activities are showing improving trends, but as you well
19 know we have some time to spend looking at these, and over
20 the next several weeks, these are going to become some
21 really important indicators for us to focus attention on.

22 MR. DEAN: Clark, I have one
23 question. I know what you've provided us here is not the
24 comprehensive set of performance indicators that you have.
25 The vast majority of these focus on, you know, tangible