

Capitol Pacific Reporting

Court Reporters Since 1978

2401 Bristol Court SW, Suite C-103, Olympia, WA 98502 • Ph: 360.352.2054

Elevator Safety Advisory Committee

MEETING

August 16, 2022



Production:
production@capitolpacificreporting.com

Scheduling:
scheduling@capitolpacificreporting.com

Website:
www.capitolpacificreporting.com

- Full-sized and condensed PDF transcripts
- Hyperlinked word index
- Hyperlinked exhibits
- Bookmarked examinations and exhibits
- Other common file types including:
txt, lef, sbf, mdb, xmef, and PTX e-Transcript
- Exhibits and other files found under the
paperclip icon within Adobe Acrobat (Reader)
- Copy-and-paste while maintaining formatting
- Files accessible via online repository

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

DEPARTMENT OF LABOR AND INDUSTRIES
STATE OF WASHINGTON

ELEVATOR SAFETY ADVISORY COMMITTEE MEETING

TRANSCRIPT OF
PROCEEDINGS

VIA MICROSOFT TEAMS VIDEOCONFERENCE

Pages 1 to 126

August 16, 2022

**CERTIFIED
TRANSCRIPT**

Taken Before:

SUE E. GARCIA, CCR # 2781, RMR
Washington Certified Court Reporter
for
Capitol Pacific Reporting, Inc.

800.407.0148

www.capitolpacificreporting.com
scheduling@capitolpacificreporting.com



ATTENDANCE

Elevator Safety Advisory Committee

- 1
2
3 Scott Cleary -- ESAC Chair, Mobility Concepts
4 Ricky Henderson -- ESAC Vice Chair, TKE
5 Gerald Brown -- ESAC Secretary, Chief Elevator
6 John Carini -- Building Owners and Managers
7 Representative, Sound Transit
8 Carl Cary -- Building Owners and Managers
9 Alternate Representative, Lerch
10 Jim Norris -- Elevator Mechanics Licensed to
11 Perform All Types of Conveyance
12 Work Alternate Representative
13 Brian Thompson -- Registered Architects or
14 Professional Engineers
15 Representative, AEGIS
16 Engineering
17 Garry Wood -- Registered General Contractors
18 Representative, Exxel Pacific
19 Mandi Kime -- Licensed Elevator Contractors
20 Alternate Representative,
21 Associated General Contractors
22 of WA
23 Jan Gould -- City of Seattle Representative
24 Jason Howerton -- City of Seattle, Alternate
25 Representative
26 Duane Leopard -- City of Spokane, Alternate
27 Representative

ADDITIONAL SPEAKERS

Labor & Industries

- | | | |
|----|------------------|----------------------|
| 20 | Paoakalani Naipo | Melissa Eriksen |
| 21 | Alicia Curry | Candace Lau |
| 22 | Tamra Shaefer | Shari Reiter-Johnson |
| 23 | Matthew Erlich | |

Stakeholders

- | | | |
|----|---------------|-----------------|
| 24 | | |
| 25 | Dan Eggers | - Otis Elevator |
| | Michael Boyle | - Schindler |



	A G E N D A	
		PAGE
1		
2	August 6, 2022 - via Microsoft Teams	
3	ESAC INTRODUCTION	
4	Welcome; Introductions	4
5	Comments Regarding May 2022 Minutes	7
6		
7	CHIEF'S REPORT	
8	Scorecard & Accident Report Review	8
9	Divisional and Program Changes	14
10	NEEDED POINTS OF DISCUSSION	
11	CMS Project Update	19
12		
13	LEGISLATIVE UPDATES	
14	Legislative Update	28
15	ESAC SUBCOMMITTEE STATUS UPDATES	
16	Licensing Category, Education, & Curriculum	35
17	Fire Rated Door Assembly	42
18	Conveyances in Rental Units	46
19	Product Vetting	57
20		
21	CONTINUED BUSINESS AND AUDIENCE QUESTIONS	
22	Handrail Conversation	62
23	3/4 x 4 Update	71
24	Utilizing the 8am Stakeholder Time	77
25	Conversation from Stakeholders	88



1 BE IT REMEMBERED that on Tuesday, August 16, 2022, at
2 9:03 a.m., before Sue E. Garcia, Washington State
3 Certified Court Reporter, residing at Tacoma, the
4 following proceedings were had, to wit:

5

6 ESAC Introduction

7

8 CHAIR CLEARY: We're a couple minutes late.

9 Before we go through announcements, please,
10 everybody on the committee and then stakeholders at
11 11:00, please say your name before you comment so we
12 can get it recorded.

13 Now, Sue, is it okay if I don't say my name every
14 time I talk? Because people don't like to hear it that
15 much, anyway, so I prefer not to.

16 Okay. So with that, let's start off.

17

18 Introductions

19

20 CHAIR CLEARY: We're going to do -- with
21 introductions. And so I'm Scott Cleary. I'm the
22 chair, and I represent the 270 exemption from licensure
23 residential conveyances, as well as 18.1 commercial and
24 residential conveyances.

25 So with that, Ricky.



1 MR. HENDERSON: Yeah, Ricky Henderson,
2 vice-chair and ad-hoc representative, licensed elevator
3 mechanic in the state, sit on a few of the A17.1 code
4 committees.

5 CHAIR CLEARY: Perfect.
6 Gerald Brown?

7 MR. BROWN: Hi, I'm Gerald Brown. I'm the
8 chief elevator inspector for the State of Washington.
9 I serve on the RAC, regulatory advisory committee, for
10 voting on proposals and things like that.

11 CHAIR CLEARY: Very good. Thank you.
12 Garry Wood?

13 MR. WOOD: Yes, good morning. Garry Wood,
14 Exxel Pacific representing general contractors.

15 CHAIR CLEARY: Thank you.
16 Brian Thompson?

17 MR. THOMPSON: Brian with Aegis Engineering
18 representing architects and engineers.

19 CHAIR CLEARY: Thank you.
20 Jan Gould?

21 MS. GOULD: Jan Gould, strategic code advisor
22 for the City of Seattle conveyance program. And I'm
23 also on a couple of ASME A17.1 committees.

24 CHAIR CLEARY: Thank you.
25 Patrick, are you here? Strafer?



1 (No audible response.)

2 CHAIR CLEARY: Okay. Mandi Kime?

3 MS. KIME: Mandi Kime, director of safety
4 services for Associated General Contractors of
5 Washington, and I represent licensed elevator
6 contractors as an alternate representative.

7 CHAIR CLEARY: Thank you.

8 Duane Leopard?

9 MR. LEOPARD: Hi, Duane Leopard, City of
10 Spokane representative. I also am on a couple of the
11 A17.1 committees, and I'm the representative alternate.

12 CHAIR CLEARY: Fantastic.

13 Jim Norris?

14 MR. NORRIS: Jim Norris, I'm the alternate
15 representative for Class 1 elevator mechanics.

16 CHAIR CLEARY: Thank you, sir.

17 John Carini?

18 MR. CARINI: Good morning. John Carini,
19 Sound Transit, representing building owners and
20 property managers.

21 CHAIR CLEARY: Thank you, sir.

22 Carl Cary.

23 MR. CARY: Good morning, everyone. Carl
24 Cary, senior consultant for Lerch Bates, and I am the
25 alternate representative for building owners and



1 managers.

2 CHAIR CLEARY: Thank you.

3 Ed Frysinger, are you on?

4 (No audible response.)

5 CHAIR CLEARY: Okay. Duke Davis?

6 (No audible response.)

7 CHAIR CLEARY: Jason Howerton?

8 MR. HOWERTON: Jason Howerton, conveyance
9 program manager, City of Seattle, alternate
10 representative.

11 CHAIR CLEARY: Thank you very much.

12 I'd also like to state that I -- I sit on the
13 board of code and standards for ASME, which has
14 managerial responsibility for 13 codes. And I am also
15 a member of the A90 Belt Manlift ASME code committee.

16

17 Comments Regarding & Vote on May 2022's Meeting Minutes

18

19 CHAIR CLEARY: So with that, I'd like to go
20 ahead and talk about --

21 And is there any questions or comments that we
22 need to talk about on the May's meeting minutes?

23 Any feedback or comments?

24 (No audible response.)

25 CHAIR CLEARY: So with that, do we have



1 any -- anybody that wants to have anything else to do?
2 If not, we need to vote on it. So do I hear
3 anybody --

4 Since we're not really doing Robert's Rules, if
5 there's no objections, we're going to agree and adopt
6 the minutes as published.

7 MR. HENDERSON: I'll second that.

8 CHAIR CLEARY: Okay. All right. All in
9 favor?

10 (Chorus of ayes.)

11 CHAIR CLEARY: Okay. With that, it's been
12 approved, and we can move on to the chief's report.

13

14 Chief's Report

15

16 Scorecard & Accident Report Review

17

18 CHAIR CLEARY: So, Gerald, you want to talk
19 about scorecard and accident report review, please?

20 (Clarifying interruption by the
21 reporter.)

22

23 CHAIR CLEARY: Okay. Gerald.

24 MS. ERIKSEN: Gerald, you're muted.

25 MR. BROWN: How about now? Can you hear me



1 now?

2 CHAIR CLEARY: Yes, sir.

3 MR. BROWN: Can you see my screen with the
4 really colorful chart?

5 CHAIR CLEARY: Yes, sir.

6 MR. BROWN: Okay. Great. This is the -- the
7 scorecard for inspections. The total number of
8 scheduled annuals, statewide annuals completed under
9 scheduling, statewide other inspections completed,
10 statewide percentage of annuals on time, statewide
11 targeted percentage of annuals on time.

12 So this shows that we are getting better in
13 narrowing the gap and getting more inspections done.
14 We -- which is really good because we've had five
15 inspectors retire in the last fiscal year.

16 We've gained eight inspectors over the last fiscal
17 year through the 1st of July to inspect out in the
18 field. Our staff, it takes a little while to bring
19 somebody on and get them up to speed. There are lots
20 of things to learn and lots of opportunities for
21 training.

22 Let's go down to accidents. I think from the
23 chart, you can see that -- you can tell when people
24 started traveling again and riding escalators and
25 things like that. So it's very graphically



1 demonstrated here. Over the last the fiscal year,
2 we've investigated over seven elevator accidents.
3 We're still reviewing six others. It takes a while to
4 get accident investigations completed.

5 We've investigated 21 escalator accidents and are
6 reviewing an additional 17. The bulk of those
7 accidents occur between April and June, with travel on
8 its rise -- on the rise, it's important that people
9 practice safety on escalators and elevators, especially
10 escalators.

11 It's one of those things we have always felt like
12 we wish we could uninvent because people are -- they
13 get that new pull-behind luggage or larger, combination
14 pull-behind luggage. We just did an accident review
15 yesterday where the guy was pulling this thing, was
16 like 5 feet tall behind him. And you put it behind him
17 on the escalator step, and, of course, as they open up,
18 it caught the edge of his bag. And not wanting to drop
19 it, he didn't let go of it, and it pulled him back, and
20 there was an ambulance ride.

21 And so this is some of the hazards. That's why we
22 encourage people to use elevators instead of escalators
23 when they're pulling pull-behind luggage.

24 And so if you have an opportunity to train --
25 especially your family members, you're out with your



1 kids, your grandkids, and you happen to ride an
2 elevator or ride an escalator, it's very important that
3 you follow the safety etiquette, to teach them how to
4 do that, especially for those times that -- that you're
5 not with the kids or the grandkids, so they know, "Hey,
6 I got shown to hold that handrail and to keep my feet
7 away from the side."

8 And this really does make a difference, and these
9 numbers go down when people practice safety. But
10 especially with lots of travel taking place, the
11 airports are packed, there's been incidences involving
12 transit and escalators there. There's lots of those
13 there, too.

14 So we would encourage people to think safety
15 starting at home and the people that you come in
16 contact with.

17 And so that's what I have for that. Let me see if
18 I --

19 CHAIR CLEARY: Gerald.

20 MR. BROWN: Yes.

21 CHAIR CLEARY: Now, do you keep track?

22 Another happy customer.

23 MR. BROWN: Yes.

24 CHAIR CLEARY: Do you keep track of what
25 categories -- you talk about total inspections being



1 done. Do you break them down into categories, i.e.,
2 18.1, 17.1, the grain?

3 And so we know that inspections are getting --
4 more are getting done. That's really a good thing.

5 Are we -- is that across the board, or is that in
6 certain categories more than others?

7 MR. BROWN: We're meeting our inspection --
8 like, new turn-on, modernization, alteration
9 inspections, we're meeting our goals there. We haven't
10 had anybody go for months waiting on an inspection. So
11 we are taking care of that. The -- most of the
12 inspection numbers that you just saw were just annual
13 inspections.

14 But we do have different breakdowns that we use
15 for our inspectors on a daily basis. We have an
16 inspection tracker where they deal specifically with
17 their supervisors. And we do daily -- we have a county
18 reporting that we do on what our goals are, what our --
19 what our, you know -- to try to get everything done
20 that we have under statute to get inspected.

21 We still have openings if you know people that are
22 interesting in becoming elevator inspectors and have
23 those qualifications. Please watch our job site. We
24 have jobs that are being -- that are posted and new to
25 be posted.



1 So, yeah. I hope that answers your question.
2 We -- we are -- we are meeting our -- the business need
3 as far as our stakeholders calling in for inspections
4 and getting to those. So -- to keep business moving.

5 CHAIR CLEARY: Well, yeah. I understand
6 that.

7 But for your annuals, which is set by statute --

8 MR. BROWN: Right.

9 CHAIR CLEARY: -- that's a goal that says --
10 doesn't it say "all must be" on annuals? And so I know
11 you've been working really hard.

12 MR. BROWN: That's correct. It's our daily
13 task to get out and get as many annuals done as we can,
14 along with the other inspection requirements. We --
15 every job that we show up on to do a new turn-on
16 inspection is one less annual that got done. And so
17 when things get busy, they're busy. We're getting a
18 day's full of work out of each inspector, and they're
19 anxiously engaged in the inspection process.

20 So I don't have the breakdown for you for the
21 types of conveyances. We just track, you know, the
22 number of scheduled inspections. We track the
23 number -- I mean, we track all the non-annual
24 inspections, the reinspections, things like that. We
25 track all of that information. But by types of



1 conveyance, that would have to be something we had have
2 to go through and filter a special report for.

3 CHAIR CLEARY: Well, that's good. I know you
4 guys got -- there's a lot of new work out there, and I
5 know inspectors are doing a good job of trying to meet
6 that need. And, like you said, you got to finite
7 amounts of resources.

8 So it would just be nice to see that in some sort
9 of a matrix so we can kind of keep track if we have
10 target areas that we need to look at. That might be
11 helpful for input from the ESAC.

12 So, like I said, there's a lot going on. So, like
13 I said, the increase is really helpful. You guys been
14 doing, you know, a good job trying to get things taken
15 care of.

16 All right. Melissa, you want to put up the
17 agenda, please.

18 Okay. Chief Brown, divisional and program
19 changes.

20

21 Divisional and Program Changes

22

23 MR. BROWN: Yeah. We fairly recent have made
24 some changes in our program. We have reinstated
25 having an operations manager, and we have Candace Lau

Page 14



1 that is now our operations manager that is helping us
2 work on our inspectors and supervisors and tech-
3 specialist program to streamline it. She's -- she's
4 doing a great job.

5 We're currently working on streamlining some
6 processes for onboarding, field training, things like
7 this to increase that. It's to help us to be more
8 successful on bringing people on board so they know
9 exactly what to do, how to do it, how to relate to
10 the -- our system, and get out there and get the jobs
11 done.

12 And so Candace is helping us go through and get
13 those renews done.

14 And then also able to backfill her position as a
15 tech specialist with Dave Stockham, who's stepped in to
16 give us a hand on that. One of our field inspectors is
17 now a tech specialist.

18 We had -- one of our supervisors in the Vancouver
19 area, Don Pine, is -- has gone back in the field as an
20 Inspector 2, is doing a great job, and we appreciate
21 his -- appreciate his good work.

22 That position as a field supervisor will be
23 changed to an additional tech specialist because we
24 have a business need for having three tech specialists
25 and two supervisors instead of having three supervisors



1 and two tech specialists.

2 So this is our goal, is to get -- get those
3 positions filled quickly.

4 Right now we're running three tech specialists.
5 We have Dave Stockham, Scott Rudder, and Jim Runyon,
6 who's doing us a great job helping also on training and
7 onboarding projects that we've got going. So we
8 appreciate his good work. Earlier --

9 Go ahead.

10 CHAIR CLEARY: Go ahead, sir.

11 I was just going to ask if Candace could -- for
12 people that don't know Candace, to introduce herself,
13 and kind of talk about what's going on.

14 But, go ahead, Gerald.

15 MR. BROWN: Oh, please, Candace, that would
16 be great if you could go ahead and introduce yourself
17 and -- so everybody has a face to the name. Thank you.

18 CHAIR CLEARY: Yeah. Candace?

19 MS. LAU: Hi. Thank you for that impromptu
20 speech here. Candace Lau. I've been with the
21 department for -- since '94. I left -- since 1994. I
22 left for a couple of years but came back.

23 In that time, I've been mostly a field inspector.
24 Been in the field for, I think, 22 years before I left.
25 And then when I came back, I came back as a technical



1 specialist. So I was doing that for about five years.
2 And, then, now I'm the operations manager.

3 But it's been a little bit rocky, the transition
4 has been because, trying to get all the -- all the
5 things that the new technical specialists needed, it
6 just took a lot longer. This is state government. But
7 it took a little bit longer than we expected. So
8 really, the last -- last week and this week is, like,
9 the first couple of weeks where I've been able to
10 really concentrate on the operational side.

11 So what this means for the department is that I'm
12 no longer answering real technical-type questions. I'm
13 involved in the behind-the-scenes kind of things but
14 not really answering the technical questions anymore.

15 So there's a lot of things I'm still working on,
16 you know, vetting and things like that that I'm still
17 trying to finish up before really taking this position
18 full on.

19 But moving forward, like Gerald was saying, there
20 will be -- we're revamping, re- -- a little bit on the
21 process of how to onboard new hires. So I've been kind
22 of listening in on certain parts of their training,
23 trying to get through it to see what's missing, maybe,
24 there's some things missing, how the transition works
25 and things like that so that we can better train our



1 staff. I've been here a long time, and I've been
2 through, you know, the lack of training myself. But
3 that was many, many years ago. So I understand a lot
4 of the challenges that the inspectors have and where
5 they may be in their -- in their thought process as
6 they are moving along.

7 So it's been very good for me. I enjoy it a lot.
8 I hope that it will be beneficial for the department,
9 as well as the inspectors and the department.

10 So any questions?

11 CHAIR CLEARY: Well, thanks, Candace. I
12 didn't mean to put you on the spot, but it's an
13 important transition.

14 MS. LAU: Thank you, though.

15 CHAIR CLEARY: And it's going to be really
16 helpful. And I know that one of your biggest
17 challenges is vetting. And so we'll kind of, you
18 know -- like you said, you'll find a way, and we'll
19 work things out. But I think it's going to be quite
20 helpful.

21 MS. LAU: Thank you.

22 CHAIR CLEARY: Thanks for -- thanks for that.

23 MR. BROWN: Thank you.

24 CHAIR CLEARY: Gerald, any other divisional
25 changes you want to discuss?



1 MR. BROWN: We once again would like to
2 reemphasize that at the first of the year we will start
3 permitting it and doing acceptance inspections on
4 construction personnel hoist and material hoist.

5 We recently went through and had public input on a
6 code update for material lifts. We went from the 2013
7 code to the 2020 edition of A10.5, which was totally
8 revamped. They did a great job on it, and we had our
9 stakeholders attend and were able to weigh in on it.
10 So that change is going to be part of our new code
11 update, and the -- when we do our 2019 update, that
12 will also be part of that.

13 Melissa?

14 MS. ERIKSEN: Hi, it's Melissa.

15 Gerald, is there anything additionally you would
16 like to share?

17 MR. BROWN: I think I'm just about there.
18 Thank you.

19

20 Needed Points of Discussion

21

22 CMS Project Update

23

24 CHAIR CLEARY: Okay. Let's go ahead and move
25 on with the CMS project update with Tamra, please.



1 MS. SHAEFER: Yes, thank you. Turn on my
2 camera here. Okay.

3 So good morning, everyone. Thank you for letting
4 me come here and give you an update on what's going on
5 with the CMS project. So last time I was able to meet
6 with everyone, we were in the procurement phase, which
7 we still are, but much further along in the process.

8 And so before I shared with you exactly where we
9 are in the project. I wanted to share with you some of
10 the personnel people -- personnel team members that
11 have changed.

12 And so before I came on, we talked -- we had a
13 new -- we had a new -- we had an IT project manager,
14 Mohan Madherla, which is -- who you guys met last time.
15 Unfortunately, he had some personal emergencies that
16 took him away from contracting with L&I.

17 And so we actually got an in-house project
18 manager, Nicole Tyler -- or Taylor. I'm sorry. She
19 just got married, and so I'm getting familiar with her
20 new last name. She's worked on many complex IT
21 projects for L&I, to include One Washington. So we are
22 very lucky to have her onboard as our project manager.
23 And she's been with the agency for a very long time.
24 So this is someone that's going to stay with us through
25 the end of the project.



1 Another change -- big change that we had is that
2 we lost Annette Taylor, who moved to OII, which is the
3 Office of Internal Investigations. But, however, in
4 her infinite wisdom, she added Shari Reiter-Johnson as
5 a co-executive sponsor for this project. And so Shari
6 will continue to be the executive sponsor for CMS.

7 We also have a lot of support for this project, to
8 include our AD of the division, Steve Reinmuth.

9 And then we also have Joel's support in the
10 division of IT support. This is their No. 1 project
11 for the agency.

12 So we do have -- even with these personnel
13 changes, we do have a lot of support that continues for
14 CMS.

15 So where we are at in this project, we're still in
16 the procurement phase. However, I'm very excited to
17 share with you that L&I has signed the contract last
18 Friday.

19 So we are -- contract negotiations with our vendor
20 is -- has concluded. And so the vendor that we are
21 using for CMS is Aithent. And there will be a
22 communication after the ESAC meeting that Matthew has
23 been working on that will go out to everyone. But we
24 just wanted to make sure that we shared this
25 information within the ESAC group first.



1 So as you probably are familiar with the
2 procurement process, I'll kind of go over the stages
3 that we went through. So we issued the RFP. At that
4 point we screened the bids, we reviewed and evaluated
5 the written bids. And then from there, we interviewed
6 the top scoring bidders.

7 We conducted a -- it's called a sandbox, so it's
8 like a hands-on testing environment where we had some
9 of the inspectors and the supervisor and some -- some
10 staff that help with CMS to go in there and do a
11 hands-on demo with the vendor, the two top vendors.

12 And at the end of that, we reviewed the demo and
13 showed it to the executive sponsors. And at that
14 point, they had agreed on a vendor, which is Aithent,
15 and we went into negotiation, contract negotiations
16 with them.

17 So the procurement process took a little bit
18 longer than we had anticipated, and the reason is
19 because we were in that clarifying bid stage longer
20 just so we made sure that we went with the right vendor
21 that would deliver all of the requirements that we had
22 in the RFP. And so that was a lot of conversations,
23 meetings, further demos just to make sure that we had
24 the right vendor. And so we're pretty excited to have
25 this milestone, even though it did take us a little bit



1 longer than anticipated.

2 So what are our next steps? We have a few next
3 steps that are happening in the immediate future, which
4 is we are finalizing the statement of work for this
5 vendor. And then once that's finalized, which is going
6 to be the end of August, we will then be onboarding
7 them.

8 So it's been -- it's been a journey, but I'm
9 just -- you know, I think right now we're in a very
10 good spot. But unfortunately, because the procurement
11 took a little bit longer, that did put us behind on our
12 schedule. And it put us behind around six to nine
13 months.

14 So based on that delay, Joel and Steve made a
15 decision to adjust the fee increase to match the new
16 timeline. And so I believe it was shared and there was
17 a rulemaking. And I think Alicia will talk about it,
18 and so I don't want to say words that have no meaning
19 to me. So she'll be able to share that a little bit
20 more.

21 But what that means is, as opposed to a one-time,
22 17 percent, it will be split over -- over a couple of
23 years. And so Joel is still working on finalizing that
24 decision. And once at a decision is made, it will be
25 shared. So it won't be above the 17 percent that was



1 talked about, but it will be more in line with what our
2 new CMS schedule looks like.

3 So, you know, while we were going through the
4 procurement phase, it's very -- it's very confidential.
5 And we're not allowed to talk about it based on, you
6 know, contracts and signed nondisclosures. And so we
7 didn't communicate too much through that procurement
8 process, but we are now going to be communicating on a
9 regular basis on what the project is doing, how the
10 vendor is doing, what we're working on.

11 And so been working with Matthew Erlich, which
12 is -- I believe he's in this meeting -- and, then,
13 also, Shelli Lackey, who's our change management -- I
14 think she's the -- she's the project manager -- or the
15 program manager over that area in the agency. So we're
16 going to continue to work with them, and we're going to
17 have regular communication that goes out on how the
18 project is doing, any sort of updates.

19 And then we're also going to reintroduce some of
20 the change-management strategies to include the
21 awareness survey. I know that we've got a list of the
22 right people and the right names that we should be
23 giving the survey out to. And so that's something that
24 we're going to -- we're going to start picking up
25 again.



1 So that was a lot that I just said. Are there any
2 questions?

3 CHAIR CLEARY: How involved or -- is your IT
4 department, the state's IT department, going to be with
5 this subcontractor?

6 MS. SHAEFER: Very involved. So we have --
7 so Shari Reiter-Johnson, as its executive sponsor,
8 she -- she actually is part of the IT group that works
9 on all of our safety program systems. And then we have
10 Nicole Taylor, who's the PM, and she actually is the
11 project manager who is -- works in IT. Then we also
12 have business analysts that are from the IT program.
13 And, then, this is also, you know, the No. 1 priority
14 for our IT division in the agency. So we have a lot of
15 support and a lot of IT support for this project.

16 CHAIR CLEARY: What method have you guys put
17 in place for conflict resolution between what is
18 proposed or developed by your contractor versus what
19 needs to be done internally through IT?

20 MS. SHAEFER: So that's a really good
21 question. That is a -- that is a Nicole Taylor
22 question. And so what I can do is jot that down and
23 then get it back to everyone, if that's okay, Scott.

24 CHAIR CLEARY: Sure. That would be great.
25 It's just that's been -- always been one of the



1 hurdles, is getting that to integrate with outside
2 vendors and making it work smoothly. So I know that's
3 been addressed early on. It will just be interesting
4 and help us as a committee to understand how that --
5 how that process is.

6 MS. SHAEFER: Okay. And Shari has her hand
7 up, and she's the executive sponsor, so she probably
8 knows.

9 CHAIR CLEARY: Perfect. All right. Thank
10 you.

11 MS. REITER-JOHNSON: Good morning. Nice to
12 be here with all of you. I was kind of a fly on the
13 wall at the last meeting, but nice to officially say hi
14 to everyone and get into this actually hard work of
15 this project.

16 CHAIR CLEARY: Thank you.

17 MS. REITER-JOHNSON: But we actually have
18 several controls set in place to deal with change
19 management, with risk management. We have OCIO
20 oversight. So WaTech has an oversight group that makes
21 sure that we're following all of the proper project-
22 management protocols. And all of those processes are
23 already written down and flowed out and will be adhered
24 to throughout the project, and they'll be making sure
25 that we're doing that.



1 We also have an external QA company that oversees
2 and participates in all of our work. So they will also
3 be making sure that we don't run into obstacles or
4 help -- help point us in the right direction if we do
5 start to, you know, run sideways.

6 So we do have a lot of oversight and controls and
7 processes in place, so I feel pretty confident that
8 we'll be able to work through any of those questions.
9 But that systems integration is the No. 1 thing we're
10 going to be looking at over these next, you know, three
11 to six months because those are the pinch points,
12 definitely.

13 CHAIR CLEARY: Okay. That's very helpful.
14 And it's great to see and meet you.

15 And I think it's, you know, really helpful for the
16 committee and for all the stakeholders to understand
17 because this has been a long, dusty road on the CMS.
18 And we're all looking forward to the new system and
19 making sure that what we get out of it is very useful
20 for everybody. And so we're encouraged. So thank you.

21 MS. REITER-JOHNSON: Of course.

22 CHAIR CLEARY: Any other questions from the
23 committee members?

24 Well, thank you.

25 MS. SHAEFER: Thank you.



1 CHAIR CLEARY: So -- yep.

2 So on the legislative update, Alicia, this is
3 really -- really important, you know. And this goes
4 back to we don't want to keep moving too far to the
5 right. So really looking forward for the update.

6

7 Legislative Update

8

9 MS. CURRY: Good morning, everybody. Alicia
10 Curry. I am a management analyst in the Field Services
11 and Public Safety Division. I support the public-
12 safety programs, which includes elevator, with their
13 rule-making process, as well as I help to coordinate
14 legislation for the division. And I'd like to give an
15 update to everybody today on the elevator 17-percent
16 fee increase.

17 As Tamra had mentioned, there is a delay in the
18 CMS project because the procurement process took us a
19 little longer than we originally anticipated. We have
20 the 17-percent-fee-increase rulemaking in progress.
21 We're in the final stages of that rulemaking, and we
22 were scheduled to file those final rules in July.

23 And the rulemaking for that, the fee increase has
24 been delayed temporarily. We are revisiting -- we're
25 taking a look and revisiting the 17 percent and working

Page 28



1 with our budget office to determine the best rate and
2 timing of the fee increase that will align with the
3 project schedule. And as Tamra mentioned, we're
4 looking at adjusting the timeline for implementation of
5 that 17-percent fee increase so the increase would be
6 split over two years.

7 I do not have the specific breakdowns of the
8 increase yet. That will be coming soon. But just to
9 kind of give an example of what we mean by that, it
10 could be like 8.5 percent, you know, now for the first
11 year, and possibly 8.5 percent for the second year, or
12 maybe 8 percent for the first year and 9 percent for
13 the second year. And those are just examples.

14 But we should have the specific breakdowns of the
15 increase soon, and so we will be sending that -- a
16 message out to stakeholders once we know what that
17 increase is.

18 So for now the current fees will remain in place.
19 They were scheduled to take effect on August 19th,
20 but that date no longer has any meaning. So the
21 current fees will just -- will stay in place for now.

22 Any questions on the fee increase?

23 CHAIR CLEARY: Well, I think that that's good
24 news that it's been recognized that it's not going to
25 be implemented on the schedule. And I think it's good



1 on the State to go ahead and not pay -- charge for
2 something that's not going to be delivered in the same
3 time frame. So that was -- that's -- that's good news.

4 So you can move -- please give us the legislative
5 update.

6 MS. CURRY: So the legislative update, we are
7 going through our internal process right now for agency
8 requests, legislation, proposals. And the elevator
9 program does not -- they haven't submitted anything for
10 changes to the statute, so there's nothing to report
11 for elevator as far as proposals for any agency
12 requests, legislation for the 2023 session.

13 CHAIR CLEARY: So --

14 MS. CURRY: And then --

15 CHAIR CLEARY: So -- go ahead. Sorry.

16 MS. CURRY: Oh, no. I was just going to go
17 on also for the coded-option update, but go ahead.

18 CHAIR CLEARY: That was my question.

19 Perfect. Yeah.

20 MS. CURRY: Oh, okay. So as we talked about
21 earlier, the coded-option rulemaking is still moving
22 forward. We are making process. We're going through
23 the -- we are making progress. We're going through the
24 process. I have not established a new timeline for
25 that rulemaking yet. I just want to wait until we get



1 a little bit further in the process because I don't
2 want to share a timeline with everybody that, you
3 know -- that we're not able to meet.

4 But we are going through the process as quickly as
5 we can. As I mentioned at our last update, we will be
6 sharing the draft rules with everybody. They will be
7 posted online. We're hoping to have that done soon.

8 And once we do have those draft rules posted
9 online, we will be sending out a message to everybody,
10 you know, through GovDelivery letting everybody know
11 that they are available online. And when I say
12 "online," that will be on the elevator program's
13 rule-development page. So I encourage everybody to
14 just continue to, you know, check that page regularly
15 for any updates. I will be putting the new timeline on
16 there once it becomes available.

17 And also, you know, just to check for the draft
18 rules, as well, but we will be sending out a message
19 for that.

20 CHAIR CLEARY: So I don't want to tie you
21 down to any type of schedule. But are we still looking
22 for first quarter, first of the year for adoption?

23 MS. CURRY: That is definitely our goal,
24 Scott, is to try to get, you know, as close to the
25 first of the year as possible. And we'll know more



1 about what the timeline looks here, you know, soon.

2 CHAIR CLEARY: Do you -- do you see any
3 hurdles that -- unanticipated hurdles that we haven't
4 discussed? Or is it just getting everything in order
5 and getting it edited and getting it in a form that can
6 go out to public comment on?

7 MS. CURRY: You know, I don't see any
8 hurdles. You know, really, there's a lot of rule
9 changes, but from what I am seeing, the majority of
10 rule changes really are, kind of, housekeeping.
11 They're changing the number formats; so that's a lot of
12 the rule changes. I don't really see any hurdles at
13 this point. I am anticipating things to go smoothly.
14 So . . .

15 CHAIR CLEARY: Well, I know, the TAC, that --
16 you know, they spent a lot of time on the TACs and that
17 stuff. And there's a lot of hard work, and everybody
18 participated. And I think that went pretty smooth,
19 even in the virtual format. So we look forward to
20 getting that -- getting that published.

21 MS. CURRY: Yeah. And this is really, kind
22 of, the most time-consuming parts of the rulemaking
23 between, you know, the -- the CR101 and the CR102 and
24 getting the language right and having it reviewed. And
25 going through that process is really the most



1 time-consuming. But we're there, and we are making
2 progress on it.

3 CHAIR CLEARY: And maybe this is a question
4 for Gerald or Paoa:

5 Is there anything that came out of TAC that's
6 going to be radically changed in that -- in that
7 format? What was -- came out of the ESAC TAC that was
8 recommended for adoption through the State, is there
9 anything there that we've seen that's going to be
10 changed or massaged at all?

11 MR. BROWN: At this point, it's too early to
12 really say. The things that we've seen, everything is
13 pretty much going through as proposed. We're just
14 working on rationales and then trying to identify, you
15 know, major changes, housekeeping, just interpretive
16 things, statements. It's -- nothing's been thrown out.
17 Nothing's been drastically altered at this point. But
18 we still have a -- we still have a way to go.

19 CHAIR CLEARY: Okay.

20 MR. BROWN: Like I said, this has -- you
21 know, going to through legal, it's -- they kind of bat
22 this thing back and forth to make sure that we're --
23 you know, there's fairness and there's equity and we're
24 not getting too far off the rails. So that's part of
25 our legal review, too.



1 CHAIR CLEARY: Okay. Well, that -- that's
2 helpful.

3 Any questions from the committee members to
4 Alicia?

5 Okay. Thank you, Alicia. Is there anything else
6 in summary, or is that it?

7 MS. CURRY: Nope. That's pretty much it.

8 CHAIR CLEARY: All right. I appreciate it.
9 You've been -- you know, you've been part of this
10 committee for years. And going through different
11 process, I know there's a lot of minutia and a lot of
12 things that you work through that we don't get to see.
13 So it's always nice to hear from you. And it's --
14 keeping us up-to-date is -- really appreciative. So,
15 thank you.

16 MS. CURRY: Thank you, Scott.

17 CHAIR CLEARY: Okay. We're a little bit
18 ahead of schedule, which is always good because we kind
19 of end-load this with a lot of questions from the
20 stakeholders. So that's good.

21 ////

22 ////

23 ////

24 ////

25 ////



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

ESAC Subcommittee Status Updates

Licensing Category, Education, & Curriculum

CHAIR CLEARY: So we're going to move on to subcommittee status and updates. And the first one on there is the licensing, education, and curriculum category, for which I chaired.

And I'm going to kind of lean a little bit on Melissa and Paoa, who've done a really good job of getting things. There's a lot to this, a lot of different layers. Not only are we working on curriculum requirements in all the different categories, of which there are eight, we're also working at trying to come up with appropriate questions for each category for testing, which has really turned out to be a lot more -- more difficult than we anticipated.

And, then, we're also working on requirements for continuing education that is relevant to the categories 'cause it makes no sense to have an 06, 02, or 03 or 04 category testing on escalator questions 'cause that's not what they're ever going to be working on. That's an 01 classification.

So with that, we've met. We actually got to meet



1 in person about a month or so ago, which -- up in
2 Southcenter, which was quite helpful.

3 And with that, Melissa, can you give us a basic
4 overview of what you and Paoa have been doing on this?
5 And I can help with any of the other questions.

6 MS. ERIKSEN: Sure.

7 So a lot like what you said, this -- for those
8 that don't know, this subcommittee has been done in
9 phases; the first looking at the licensing categories,
10 second looking at the education requirements, going
11 through the courses and the subjects within those
12 courses and seeing, you know, how do they apply.

13 What's fantastic is that it is represented by all
14 categories' licenses. So there's been a lot of great
15 discussion and insight given throughout the
16 subcommittee.

17 What we are working on now, like Scott said, is
18 making sure that all of the changes and updates that
19 were made to the education portion are now coinciding
20 with the testing portion, making sure that the tests
21 are updated, the testing questions are getting updated.

22 And what does that look like moving forward? So
23 we need to make sure that the hours are correct and
24 that everything is appropriately distributed. Also
25 making sure that the license -- or the -- the education



1 policy is updated. We will turn this around with, kind
2 of, making this an ongoing subcommittee so that we
3 don't wait another ten years to update this.

4 CHAIR CLEARY: And one of the things that
5 we've thought would be relevant to do is -- when we had
6 the subcommittee back in 2012, to come out with the
7 basic format that's in policy right now, is that, you
8 know, we need to make sure that it reflects on today's
9 market and how things are done, and that -- one of the
10 things that we've introduced is having endorsements
11 that may cross over into different categories and what
12 are the parameters for those.

13 Good example of that is in the 04 category for
14 CPHs, and, also, they do that licensing being able to
15 do rack and pinion 5.7 work on ship-to-shore cranes.

16 So we're looking at a lot of different ways of
17 doing it. So it's been a heavy lift. And I really
18 appreciate, like Melissa said, everybody's
19 participation 'cause we've got representatives from
20 every category, and that is extremely helpful.

21 And, you know, we're following NEIEP's format in
22 this, like we did back in '12. And Jim's been very
23 helpful in making sure that we stay on the rails with
24 this and make it applicable.

25 We've addressed the 08, which is the category for



1 which -- almost everybody that works in the 08 category
2 came from an 01. But being able to -- they have to
3 have an 08 license category, not an 01. So we've been
4 able to discuss with the State, and the State's come
5 back saying that can just be put in archive so you
6 don't lose the ability to have your 01 if you leave the
7 08 category. And the 08 category has to do with
8 universities and them being able to do their own
9 maintenance and some of the repairs.

10 So it's really important that, just because you
11 get put into an 08, that you don't lose the ability and
12 have the ability to get your 01 license category back.

13 So there's a lot of -- a lot of moving parts.
14 There's a lot of layers to this onion that we spent a
15 lot of time on, and more than I anticipated, too. So I
16 really appreciate the State allowing us to look at a
17 lot of the things that we've all, kind of, kibitzed
18 about over the years and, kind of, address them and
19 make sure that it's relevant and it makes sense, the
20 tests makes sense, the continuing education makes
21 sense, and everybody has the right categories.

22 Because in the beginning we thought, well, you
23 know, we're the only state, to my knowledge, that's got
24 ten categories. You know, 09 is temporary, and 10 is
25 emergency. But we have eight working categories. And



1 there's a lot of things. So can we condense those?
2 And so I think we came to the conclusion and --
3 everybody on this subcommittee, that we're too far down
4 the track and that can't be done. So how do we
5 manipulate and massage it so it really works? And the
6 endorsements was an idea, I think, that is going to
7 work. But like anything else, it sounds good
8 originally. Then we have to then work out, how do we
9 integrate it.

10 So -- so, this is one of the subcommittees that
11 really need to meet 'cause it's an all-day working
12 meeting. And there's a lot of work that gets done.
13 But there's -- it's -- really be impossible to do
14 virtually. So I appreciate everybody's commitment in
15 showing up on these. And we got a meeting coming up, I
16 think, soon.

17 And we're still struggling with putting -- getting
18 the test questions done. And so I understand that
19 challenge, and we'll have to have that be a discussion.

20 So, Paoa, you've done -- with Melissa really
21 supported this subcommittee, and it's really been
22 extremely helpful. You have any comments on this?

23 MR. NAIPO: I don't have any additional
24 things. You and Melissa both have covered everything
25 that we've gone over. So I appreciate it.



1 And just to -- maybe just a little bit more, I
2 mean, we really do feel, as the elevator program and
3 through talking with the stakeholders, that this really
4 should be on ongoing subcommittee of some sort.
5 Especially during rule adoptions, code adoptions, we
6 want to make sure that the questions that we ask are
7 vetted correctly so that, when we adopt this code and
8 we create a new -- or we have an updated test for those
9 mechanics, so they're not taking a test on a unadopted
10 code that was -- you know, that we're two or three
11 versions past already.

12 And so we want to make sure, again, that we're
13 always making -- feeling that the people who take the
14 test, it's a valid test to the work that they're doing
15 now, not a history test. So --

16 (Unreportable crosstalk.)

17
18 CHAIR CLEARY: That's a valid point. We
19 don't want it to be a history test, we want it to be
20 applicable to what's happening right now and the codes
21 that have been codified. So that's really good.

22 Ricky, do you have any feedback on that? 'Cause I
23 know you've participated and been quite helpful.

24 MR. HENDERSON: Yeah. Just reinforcing what
25 you just said there, you know, getting the questions so



1 that they are current -- applicable to current
2 applications that the guys are dealing with in the
3 field rather than a history lesson. You hit my
4 concerns right there.

5 CHAIR CLEARY: Well, and one of the things
6 that we've really been in the subcommittee really
7 looking at is making sure that some of the outlier
8 categories, like 03, 04, understand that we -- we
9 understand that you just can't go out in the normal
10 world and get training specific to that type of
11 equipment.

12 So helping them understand that they can
13 develop -- you know, based on what comes out of this
14 curriculum, which they have input on, they can develop
15 their own programs, which -- the State, then, will
16 allow them to train either anybody in the industry or
17 their own company. And I think that's going to be
18 extremely helpful, too, to make sure that they
19 understand that it's not always going outside; they can
20 internalize it and have some control over how they
21 train.

22 I know that some of the larger crane companies,
23 like Morrow and that stuff, have got some really,
24 really good programs and training that they already
25 have. They just have to format it so it meets what



1 comes out of the subcommittee and what is adopted by
2 the State in policy.

3 So that's been quite helpful, and we really
4 appreciated everybody's input and help.

5 And like Melissa said, I think we're going to have
6 this run because, as the WAC and everything else
7 changes, we need to have the ability to make sure that
8 the training is relevant. And one of the things we're
9 really leaning on is having code training. Right?
10 Everything we do is applicable and -- to some code
11 somewhere. And so having a heavy emphasis on WAC, on
12 ASME, on NEC is going to be a really important aspect
13 of what we get out of the subcommittee.

14 So every -- I really appreciate everybody's help
15 'cause it's -- this has been a heavy lift. So it's
16 coming. I don't know if we're going to -- you know,
17 we're anticipating having a readout on our
18 recommendations in November. We're working really
19 hard. But we -- we're going to try to meet that. I
20 don't know if that's realistic, but we're going to try.

21 Any questions from the committee members?

22

23 Fire Rated Door Assembly

24

25 CHAIR CLEARY: Okay. We're going to move on

Page 42



1 to fire door assembly. Everybody on the -- what I want
2 to do after we get a readout from Brian is -- everybody
3 that's a committee member has gotten a final
4 recommendation from Brian, which is extremely
5 well-written and very informative, and we really want
6 to be able to -- I'm going to call a vote of the
7 members on -- and so we can go ahead and close this out
8 and then advise -- based on the committee's vote, do we
9 either accept what's come out of this subcommittee and
10 go ahead then and advise it to the State to adopt, or
11 do we not.

12 So with that, Brian, will you give us an overview,
13 please?

14 MR. THOMPSON: Yeah. Thank you.

15 Brian Thompson, chair of the fire door
16 subcommittee. And this is, briefly, regarding
17 gasketing materials for the fire doors that serve as
18 hoistway opening protection. The committee was chaired
19 by myself, and other participants were Jan Gould and
20 Glenn Wells.

21 We each contacted various stakeholders and
22 ultimately learned that, while UL lists fire doors and
23 frames and gasketing materials, they leave quite a bit
24 of decision-making up to the local authority.

25 So we put together a summary of our findings. And



1 in order to promote consistency and safety, our -- our
2 findings are that we would recommend that L&I develop a
3 written documentation that can be relied upon for
4 designers, installers, and inspectors to ensure
5 consistency and safety.

6 One of the things in particular, the gasketing
7 materials, there's quite a number of products in the
8 category. Not all of them appear to be listed for
9 elevator door usage. So that's one element that we
10 would want to make sure is -- is part of the written
11 directive.

12 Another component is the fire duration. Also, the
13 method of attachment. Specifically, some use only
14 adhesive, and others would be mechanically fastened
15 like with screws of some kind. And so we would
16 recommend that the attachment method be limited to
17 something that does not rely solely upon adhesive.

18 And then, also, clarifying that, consistent with
19 the UL listing, that those gasket products could be
20 installed either at the factory by the fire-door or
21 frame manufacturer or at the job site in accordance
22 with the installation instructions packaged with the
23 material. So . . .

24 With that, our subcommittee has basically
25 completed the work that we set out to do. And the



1 documentation that we've summarized we recommend being
2 forwarded by ESAC to L&I to initiate development of a
3 written document.

4 CHAIR CLEARY: Well, like I expressed
5 earlier, you've done a really good job with the
6 subcommittee and what you've advised. What came out of
7 it has been really clear and precise. So, really
8 appreciative.

9 So with that, I'd like to call a vote on the
10 recommendations coming out of the subcommittee. Do I
11 have a second?

12 MR. WOOD: Second.

13 CHAIR CLEARY: Okay. All in favor of
14 adopting this and agreeing to pass it up to and advise
15 it to the State, say "aye."

16 (Chorus of ayes.)

17 CHAIR CLEARY: Anybody that --

18 UNIDENTIFIED SPEAKER: Name our second.

19 CHAIR CLEARY: Yes. Who seconded?

20 MR. WOOD: Garry Wood.

21 CHAIR CLEARY: Garry Wood?

22 And Lyall Wohlschlager is proxy as yay.

23 So with that, anybody that is not in favor of
24 this, say "no."

25 (No audible response.)



1 CHAIR CLEARY: Okay. We're going to, as a --
2 as the ESAC committee, we're going to go ahead and
3 adopt this and agree to pass it onto the State.

4 Brian, great job. Really appreciate it. And
5 looking forward to you chairing some more
6 subcommittees.

7 MR. THOMPSON: Thank you. Yeah.

8 CHAIR CLEARY: You're welcome.

9

10 Conveyances in Rental Units

11

12 CHAIR CLEARY: Okay. With that, Jim -- Jim
13 Norris is taking on another heavy lift when it comes to
14 conveyances in rentals. And I'll let him go through
15 that.

16 There was another child injured severely in
17 Florida about a month ago, three weeks ago, on top of
18 the other ones. And there was another press release
19 that I'll talk a little bit about in the 3 and 4
20 update.

21 So with that, Jim, please give us status and
22 what's going on with your subcommittee.

23 MR. NORRIS: Jim Norris, and my co-chair
24 Garry Wood and several members on it, we have a pretty
25 good -- very good write-up, of course, done by Brian



1 Thompson and -- my most recent --

2 Well, I guess I should say what's the purpose of
3 our committee. The RCW is -- has a specific carve-out
4 for home conveyances. And there's an exemption from
5 licensing for maintenance work on private-residence
6 conveyances performed by an owner or at the direction
7 of an owner provided the owner resides in the residence
8 at which the conveyance is located and the conveyance
9 is not accessible to the general public.

10 So currently, that leaves a huge loophole for
11 anybody that wants to turn their home that has a
12 conveyance into a rental because now they're not living
13 there. If you are running any type of the Airbnb or
14 VRBO or whatnot, then that conveyance does not meet the
15 carve-out from the RCW -- RCW to not have any
16 maintenance performed by a licensed elevator mechanic.

17 In addition, we feel that, when a house goes up
18 for sale, it's now become open to the general public
19 through open houses and whatnot.

20 And when a house sells, everything else in the
21 house gets inspected, but the conveyance, which has now
22 been maintained by the owner without any oversight, is
23 being assumed by the new -- the person buying the house
24 as to being in proper working order. And, in fact, it
25 may not have even been inspected when it was installed



1 because that's not part of the inspection of a house.

2 And so our desire was to change the WAC to further
3 define what is a private residence that a homeowner
4 lives in and a -- and a home going for sale.

5 And there -- what Garry and I most recently
6 reviewed was -- we're trying to make sure we don't step
7 on what's in the RCW because there's -- are definitions
8 in the RCW and the WAC, and we don't want to have
9 conflicting information there. The RCW does keep it
10 pretty basic. And so by expanding in the WAC, we don't
11 feel we're -- we're doing that.

12 So where I'm at with the -- this committee is I'm
13 at the point where I'm trying to put together a
14 document for the final recommendation to the committee
15 that highlights the changes that we're making and how
16 they impact or how they don't impact the RCW and can be
17 done in the WAC.

18 And so our goal would be that homes that go up for
19 sale need to be inspected within one year of the sales.
20 So it's not exactly right at the time -- if the
21 homeowner gets it inspected before or the house is
22 getting flipped or whatnot, it's if it's been inspected
23 within one year of the sale.

24 And additionally, we're trying to put language in
25 that gives Gerald some teeth as to his ability to



1 inspect conveyances that are in rental units.

2 So that's where I'm at.

3 CHAIR CLEARY: And why is this important?
4 Why is this important? Because children, the ones that
5 have been killed and hurt have, mainly, if not all,
6 have been done in vacation rentals. And the problem
7 with that is that there's not a nationwide requirement
8 or even a basic standard that has any consistency from
9 all 50 states.

10 And what I mean by that is some states don't even
11 regulate residential conveyances. Some are in codes
12 that are extremely -- pretty old. And, you know, to
13 our knowledge -- and I've been -- as part of AEMA, I
14 was part of the negotiation with the consumer
15 protection agency on this here, and even -- there's
16 been -- we've been the 3-and-5 rule forever in this
17 state, and that's a good thing because all the stats
18 would show no child's been hurt or injured on a
19 properly installed 3-and-5. And I'll get a little bit
20 more into this when I talk about 3-and-5 coming up.

21 So the bottom line is that if we -- I think,
22 Jim -- and you can help me -- and Garry. But we've
23 discussed that when you rent it out to the world and
24 you put it on there, you kind of lose your residential
25 exemption. And if you have to get a business license,



1 then there should be some other procedures put in
2 place, i.e., you know, having it maintained and
3 inspected on a yearly basis.

4 There's, you know, operations procedures written
5 somewhere, and whoever rents it is trained on how to
6 use it because most of these rentals all have, as --
7 part of their sales pitch is, "Ah, we're in a beautiful
8 area, beautiful views, and we have an elevator." And
9 so with that should come other obligations.

10 And, Jim, like we've talked about, we've been
11 trying to get, as a committee and as an industry for a
12 while, point-of-sale inspections. You have rodent
13 inspection. You have a gutter inspection. But no
14 conveyances are a part of that. And never quite
15 understood why. You know, I'm not totally in favor of
16 pushing it off for a year. But -- because we get a lot
17 of calls from new owners saying, "Well, my elevator's
18 down," and, you know, basically, they're on the hook
19 because they're the owners now.

20 So it's an interesting problem. And I'm really
21 encouraged by the subcommittee working these tough
22 issues 'cause it's not going to be an easy answer. So
23 I think, Jim, and you and Garry and the subcommittee's
24 done a really good job. But I've got a sense of
25 urgency on this. So it's one of those things that I



1 look forward to coming to fruition on.

2 So -- and the other thing, too, is that, you know,
3 owners in this state have all the obligations for -- to
4 be compliant. And if they don't know what their
5 obligations are after -- when they buy a place, it
6 obligates them to things they have no knowledge on. So
7 having a point-of-sale inspection would really help
8 them understand. And having some sort of disclosure
9 and them understanding, you know, what their
10 obligations are, I think it's good. It's the thing we
11 should do.

12 Ricky.

13 MR. HENDERSON: Yeah. This is Ricky
14 Henderson.

15 Just wanted to put my voice in here and say that
16 I'm totally in agreement with Scott and share the
17 importance and safety issues that are related with
18 this. This is a very important item that needs to
19 definitely move forward.

20 CHAIR CLEARY: Well, and it --
21 Go ahead, Garry.

22 MR. WOOD: Hey, Scott. One thing I wanted to
23 clarify with what Jim had said -- and I think the way
24 that you took it, it isn't the intent to push it off a
25 year. It's an intent to have the inspection done



1 within a year prior to the sale or prior to the rental,
2 not after the fact.

3 CHAIR CLEARY: Okay.

4 MR. WOOD: So I just wanted to clarify that
5 that's the intention, to make sure it's done before
6 somebody takes possession of it or rents it or what
7 have you.

8 CHAIR CLEARY: Oh, that -- that makes a lot
9 of sense 'cause here's the thing: All of us ride
10 commercial elevators, and we take for granted they're
11 being maintained and everything's been looked at and
12 they're compliant. But there's a lot -- and it's
13 becoming even more commonplace to have elevators in
14 homes. And our loved ones run -- you know, our aunts,
15 uncles, children, our Uncle Louie, who may drink a
16 little too much and not really quite understand how
17 things operate -- and, you know, we need to protect
18 them and the children, you know, because every one of
19 these accidents that happen with children, usually, I
20 think, under the age of eight or nine, and get into
21 these rentals, and they play around. We got to make
22 sure and ensure they're safe.

23 And so I think that's an obligation that you're
24 starting to see nationwide.

25 And I think, you know, well, we need to be ahead



1 of this, and we don't need to be following it. We need
2 to be ahead of it and be leaders in how we do this.
3 And, Gerald -- we've had conversations with Gerald.
4 And, Gerald, I think you'll agree that, you know, we
5 want to be ahead of this and we don't want to be pulled
6 into it. We want to be up front. So I really think
7 this is really, really important, that it will affect
8 all of us if we don't get ahead of this and get it
9 done, right.

10 Any -- any other feedback or --

11 Jim, let me -- when are you thinking that you'll
12 be ready to have something for the ESAC, the committee
13 in whole, to review and be able to vote on? Do you
14 have any idea what your schedule is?

15 MR. NORRIS: I think that by the -- where am
16 I at here on the month? I think in another month I'll
17 be completely -- our committee will have a final
18 product here.

19 CHAIR CLEARY: So we'll be able to vote on it
20 in November, then?

21 MR. NORRIS: Yes, definitely.

22 CHAIR CLEARY: Perfect. Then we'll expect
23 the State to have it implemented by the end of the
24 year?

25 I'm seeing yes?



1 (No audible response.)

2 CHAIR CLEARY: Gerald?

3 MR. BROWN: We have a problem being that
4 heavy handed with things. We got in trouble for that
5 before.

6 CHAIR CLEARY: I'm just asking. I'm just a
7 messenger. That's all I am. Just asking the
8 questions.

9 So that would be good. I think that's -- it's
10 really important. I know we're going to talk about
11 vetting subcommittee next, which is really important,
12 with John and Carl. But this is one that has a
13 nationwide -- has nationwide visibility.

14 And, Matthew, you're on here, correct?
15 Matthew?

16 MR. ERLICH: Yes, I am.

17 CHAIR CLEARY: All right. Good to hear you.

18 I know you been sending out emails on some of the
19 press releases going on. I'd like to hear a little bit
20 from you on -- you know, you've been doing a really
21 good job of doing that, and I think it's extremely
22 important that we get ahead of this.

23 What do you feel about that?

24 MR. ERLICH: Well, so there has been coverage
25 of the recalls by several companies. In particular,



1 Florida has had some articles, and I've sent that to
2 you and other people on -- in the elevator program.

3 I think, clearly, there's a space for us to be
4 able to announce some level of safety. But, you know,
5 I think, Gerald's caution is worthwhile. We certainly
6 need to be able to team up with other organizations,
7 not only manufacturers but Realtors. And if all of us
8 are making the announcement, that's much more powerful
9 than L&I just saying, "Okay. This is what we're going
10 to do from now on."

11 And you can imagine what that's like. It would
12 just be the State saying something versus having not
13 only the regulator but the organizations that are
14 regulated coming together to be able to announce safety
15 for children and others. And that would be a very
16 powerful statement and we could arrange all sorts of
17 coverage for that sort of thing.

18 So I -- undoubtedly, it will continue to ripple
19 across the nation as states take formal stances. But
20 there haven't been many. And Florida's only among the
21 first of examples. So we are -- we would be on a
22 leading edge anyways.

23 CHAIR CLEARY: So is this getting visibility
24 all the way up to the governor? All the way up fifth
25 floor and higher?



1 MR. ERLICH: You know, Scott, I -- I work in
2 a cubicle, or I used to work in a cubicle, anyways.
3 But I'm not sure what the governor is seeing. That's a
4 little above my pay grade. My job is to support the
5 program, and so I'm making the program aware of these
6 things, and you, as well. So that -- that would be
7 someone else, sort of, making that approach with
8 respect --

9 CHAIR CLEARY: I'm not trying to put you on
10 the spot. But I understand that the feds have sent
11 letters out to all the governors, you know, putting
12 them on notice that, "If you don't have a program, you
13 need to look at your program." And we want everybody
14 to meet the 3/4-and-4.

15 I'm just curious. I don't know how to get
16 visibility on that. So maybe Gerald or somebody can
17 help me.

18 MR. ERLICH: Right. If the governor has
19 received a letter, you know, the governor can, of
20 course, decide how to respond. Those types of
21 conversations, Scott, are way above my pay grade.

22 But clearly, if I was invited to participate in
23 spreading the word, you know I'd be the first at that
24 meeting.

25 CHAIR CLEARY: Sure. Sure. No. You've been



1 very helpful, and I appreciate being in the loop on
2 that. So . . .

3 MR. ERLICH: Thank you.

4 CHAIR CLEARY: Any other questions on this
5 for Jim or for Garry on this?

6

7 Product Vetting

8

9 CHAIR CLEARY: Okay. Next we're going to
10 move on to vetting, and that is with John Carini and
11 Carl.

12 MR. CARINI: Thank you very much, Scott.

13 John Carini. I'm chairing this new equipment
14 subcommittee along with Carl Cary.

15 Currently, the purpose of this subcommittee was it
16 find a -- to identify a new and clearly defined,
17 streamlined process for manufacturers to submit new
18 products to be vetted by the State.

19 What we've done to date is we have identified a
20 formal process for all new A18.1 equipment to be
21 submitted to the State. A form -- a new form has been
22 completed that clearly identifies the required
23 information by the State along -- also with that form
24 it identified clear expectations on timelines, allowing
25 the State time to approve or disapprove or inspect that



1 new piece of equipment. Both the process and the form
2 have been approved by the subcommittee.

3 We're currently in the draft recommendation
4 process for the A18.1 products. We hope to have that
5 completed here in the next couple of weeks, and we look
6 to have that submitted to the ESAC for review in
7 September.

8 Carl, anything to add on that?

9 MR. CARY: No. Great job.

10 CHAIR CLEARY: One of the things that, you
11 know, Dillon's done a really nice job of getting --
12 helping that subcommittee with that checklist, so creds
13 to him.

14 I know that the 17 -- 18.1 is a little lighter of
15 a lift. I know the 17.1 is going to be quite
16 extensive, but something needs to be done because I --
17 I'm not a big advocate of being able to do vetting in
18 the field. I think it makes it really hard for the
19 inspectors to have everything, you know, to get them to
20 do it in the field.

21 And I know there's -- talked to Candace and Scott,
22 and I haven't had a chance to talk to Jim or anybody
23 else that's been doing some of the pre-vetting on the
24 paperwork and all the NRTLs and all the other
25 requirements that are needed to prove that it's a



1 compliant piece of equipment. But that transition
2 between making sure that all the paperwork is done
3 versus what gets done in the field, I know there's --
4 it makes it tough.

5 So getting this process in place where there's a
6 checklist so whoever is going to request new equipment
7 knows what's required of them up front and does
8 everything -- 'cause you guys aren't the engineers.
9 You're not the designers. These companies spend a lot
10 of time and money to have, you know, their engineers
11 design it to be compliant, have it tested to be
12 compliant. They're the ones that need to get the
13 information out and make sure it is. And then you just
14 check those boxes, "Then we'll make sure that it
15 performs correctly in the field," your inspectors do.

16 So this has -- this has been kind of a problem for
17 a while, and I think this will really help, what comes
18 out of the subcommittee. I think it's going to be
19 really, really helpful. So I know you and Carl and the
20 subcommittee's been doing a really good job. And if we
21 can --

22 You know, what is -- when do you think this could
23 be, you know -- I think we can submit or -- would you
24 recommend that we submit the 18.1 and vote on that
25 independently and then the next phase will be the 17.1



1 and some of the other ancillary equipment? Is that how
2 you guys are approaching it? Or help me understand
3 that.

4 MR. CARINI: That's the goal. Based on our
5 conversations with the previous ESAC, is we are going
6 to -- we've paused the 17.1 work. We're focusing on
7 the recommendation for the 18.1 one. Look to submit
8 that to the ESAC for review, and then hopefully vote on
9 that and then move forward with the A17.

10 CHAIR CLEARY: When do you think you'll be
11 ready to recommend the 18.1 process?

12 MR. CARINI: Again, the draft is being worked
13 on as we speak. Hopefully have that done, completed in
14 a couple weeks, get it in to the subcommittee for
15 review and approval. And then once that is completed,
16 we hope to have it submitted formally to the ESAC in
17 September.

18 CHAIR CLEARY: All right. So that means that
19 we can take action on it, then, in November, correct?

20 MR. CARINI: Absolutely. That's our goal.

21 CHAIR CLEARY: Okay. Outstanding. Really
22 appreciate it. This is something that's going to
23 really help streamline. And I know the inspectors got
24 a lot on their plate. And this hopefully will take --
25 all they have to do is just do the acceptance, and all



1 the other up-front work will already be done. So,
2 fantastic.

3 Any questions for anybody for the -- on the
4 committee for the -- for the subcommittee, vetting
5 subcommittee?

6 Candace, you got any input on that or requests
7 from them?

8 MS. LAU: Not right now.

9 I just noticed that all the invites are -- all the
10 meetings are canceled. That's what I kind of noticed
11 on the -- on the calendar. And I wasn't sure what that
12 was about. That's all. I just had a question on that
13 maybe.

14 CHAIR CLEARY: Good question. Carl?

15 MR. CARINI: I can answer that for you. So
16 we can -- we wanted to have the draft finalized between
17 myself and Carl and then submit that in the next
18 meeting. So we're waiting on -- to have that
19 formalized, when we feel comfortable to bring it to the
20 subcommittee, and then we'll set up another meeting to
21 review.

22 CHAIR CLEARY: Okay. Fantastic.

23 Okay. Any other questions or any other input from
24 the committee?

25 ////



1 Continued Business and Audience Questions

2

3

Handrail Conversation

4

5

6

7

CHAIR CLEARY: Okay. Now we're going to move on and talk about handrails and, kind of, that working group. And Ricky's going to lead -- lead that.

8

9

10

So help us with that understand what's going on, the process, what the question was, what the concern is, and what we're going to do going forward. Ricky?

11

You're muted.

12

MR. HENDERSON: Thank you. Sorry about that.

13

14

CHAIR CLEARY: But you're upside right, though, so that's good.

15

16

17

18

19

20

MR. HENDERSON: Was -- so the reason why I was bringing it up was I was getting quite a few questions from mechanics out in the field asking for clarification on what could, could not be as far as a handrail, which initiated me to do some research into it.

21

22

23

24

25

And the -- in reviewing, basically, thought that there could be some clearer language for the WAC -- for the WAC rule for it. There were a few corrections that were written that handrails were replaced that, when we got down into it, we got down into some intensive rules



1 language rather than the letter of the rule.

2 So just in a thing of just wanting to make a clear
3 rule so that everybody, both in contractors,
4 inspectors, everybody -- is on the same page, was
5 thinking that we -- of putting a workgroup together
6 that encompasses all spectrums of it, including, most
7 of all, safety, addressing any safety concerns, making
8 sure that anything that's safety concerns are addressed
9 with the WAC rules, but, at the same time, clarifying
10 so that there's any -- any questions that I'm currently
11 getting get addressed.

12 But -- but that's what initiated the -- this,
13 where I was wanting to propose to have -- get a
14 workgroup together to put forth a proposal for a
15 language change for the WAC.

16 CHAIR CLEARY: So you're going to -- you're
17 going to lead that working group, then?

18 MR. HENDERSON: I am offering to put myself
19 out for that.

20 And, also, I'm not -- looking for support here on
21 what the correct process is for creating a working
22 group, whether that's something -- is it just all
23 volunteers, or can we reach out to ask people or --
24 I'll throw that one back to Scott, Gerald, Melissa,
25 Paoa on what's the -- just the correct process for



1 that, to getting that group together.

2 And if this is something that we can get, I guess
3 a first step of that would be to get it approved that
4 we could go forward with a workgroup.

5 CHAIR CLEARY: Melissa?

6 MS. ERIKSEN: So, when we are talking about
7 putting subcommittees -- and a workgroup really is not
8 going to be much different. You've announced your
9 intent. You've -- you've stated what the problem is.
10 You've stated that there's need to talk it through.

11 So what would be great is if people would put in
12 the chat if they are interested. That way I could make
13 sure that I have all of the information compiled and
14 get it to you, Ricky, if you are the one wanting to
15 lead this or, if we're going to dump this on Brian, I
16 mean, give him the responsibility to help you with it.
17 So if -- if people do have an interest in this, please
18 announce that in the chat so that we can get that a
19 done.

20 If, once those names get compiled, you are seeing
21 a blatant hole where you need somebody, then it is
22 absolutely acceptable to reach out to somebody who is
23 able to fill that hole.

24 CHAIR CLEARY: And I would reiterate that,
25 Ricky. I think bringing somebody in from outside, you



1 know, grab, you know, anybody that -- as manufacturing
2 knows, any of the other committees -- 117 or anything
3 else that will help us understand the direction 'cause
4 it's got -- it's really gray. And so getting it --
5 understanding what cross section it is, how they're
6 attached back, everything else that's -- you know,
7 we've been challenged with over time, it would be
8 really nice to get all the experts together and get it
9 worked out so we can get something for the State.

10 And I would anticipate this would come out as a
11 policy, Gerald, that would then be integrated into the
12 next version of the WAC. Is that correct?

13 You're muted, sir.

14 MR. BROWN: It's a thing --

15 MR. HENDERSON: And you're --

16 CHAIR CLEARY: You're still muted.

17 MR. BROWN: All right. How about now?

18 Okay. Good.

19 Yeah. It would have to come out in a policy
20 before we could get it into the WAC. But, yeah. We
21 would -- we would have to include all that in policy.
22 So . . .

23 CHAIR CLEARY: And this is a little bit off
24 track, and pol- -- I apologize for it.

25 But it's never been clearly answered to me under



1 any of the administrative policies or anything that the
2 State has. Is -- does policies -- do they sunset, or
3 are they intended to bridge the chasm between -- in
4 between adoption of the new WAC codes? Or can they
5 live in perpetuity? 'Cause some of them just
6 disappear.

7 MR. BROWN: Yeah. The policies -- there's
8 a -- there's a policy. There's interpretive statements
9 or technical clarifications that usually become fodder
10 for WAC rules. And typically, they -- they end up
11 eventually in the WAC, and then you get rid of the TCs.

12 But we haven't really been following that very
13 close. None of the OTCs were brought up in the last
14 TAC meeting that we had for the WAC, and perhaps that
15 should be a point of order to discuss that in our next
16 round of code adoptions, is that we address all the
17 existing TCs to see if it's time for them to be
18 sunsetted or if it's time for them to become WAC rule.

19 They serve a purpose, but the interpretations are
20 allowed by the WAC and the RCW to clarify and to make
21 statements of --

22 Like I said, policy and interpretive statements
23 are binding. And so we try to make sure that they do
24 have purpose. And like I said, the end result is to
25 bring them into the WAC. So . . .



1 CHAIR CLEARY: Well, and for clarification,
2 at least for me, that the only reasons TCs exist is to
3 clarify something that's already been codified by the
4 State, correct?

5 MR. BROWN: TCs are to make clarifications if
6 there's some part of the code that is unclear or the
7 State needs to -- to make a decision on how this is
8 applicable or how these -- these parts of the code will
9 be applied. The states have that right to do that
10 under the AHJ, and those are the guarantees found in
11 296-96-500. So . . .

12 CHAIR CLEARY: So the difference between -- a
13 policy is something that's new that hasn't been
14 addressed, and a TC just kind of clarifies something
15 that the State's already codified, correct?

16 MR. BROWN: The whole term "policy," the
17 policies are like our education policies. You know,
18 you go to our website, and there's a site there that
19 talks about policies. Like, our policy is for our
20 demarcation, information, and agreement. That's
21 covered -- it's listed under "Policies." There's
22 internal policies on how we -- the mechanics of doing
23 inspections and things like that. We have --
24 currently, we have, like, a standardized inspection
25 form that the inspectors use on their annuals. Those



1 are set up in requirements and policies within.

2 But when it reaches out to clarify code or to make
3 statements that are of interest in and that the
4 stakeholders -- you know, like on this handrail thing,
5 you know, when we finally get that clarified, this will
6 go in as an interpretive statement or a technical
7 clarification so everybody's on the same page on
8 handrails. You know, we're doing that. We're not
9 doing that.

10 At the next code review, I'm sure that whole
11 section under handrails that's in there will be -- it
12 will look much different. But in the meantime, until
13 that looks different, that -- those clarifications will
14 come out as a technical clarification or interpretive
15 statement of this is how the -- this is what the policy
16 for the State is and our interpretation of handrails.

17 CHAIR CLEARY: So a quick question on the
18 internal adoption of what the ESAC recommends, i.e.,
19 some of these subcommittees. If that's handled under a
20 policy, you can handle that quite judiciously and
21 quickly; is that correct?

22 MR. BROWN: Correct. Correct.

23 I'm not here to undo everybody's hard work. I am
24 here to make sure it's applied equally throughout all
25 of our stakeholders, and we kind of taken a -- like,



1 a -- you know, a 30,000-foot view of how this affects
2 us legally, how this -- you know, how this affects the
3 State, what impact is this going to have on business
4 owners, things like that, because a lot of these things
5 do have huge impact on how business is done, what it
6 costs to do business in our state. And our goal is to
7 keep the doors open and make sure things happen.

8 But it's also our goal to make sure that, like
9 vetting new equipment, we don't bring something in that
10 they're not following in good -- you know, good
11 conscience for the safety aspects of it. When they
12 present information to us, we have to have that come
13 out in -- but we've had some product that we've had to
14 pull back or not allow to be installed because of a
15 misrepresentation that was made of, like, it -- for
16 example, like finding lemons, you know, you're not
17 supposed to drive off in them or they're not really
18 finals. And where the manufacturer interpreted that
19 of, "Well, that's a global standard. We don't have to
20 comply to A18.1 or A17.1. We're not just not bound by
21 that, so this is what you get."

22 And that does apply in our State 'cause we do have
23 adopted codes. And so we had to issue an interpretive
24 statement that that particular product was not going to
25 be allowed. And since then, they have made efforts and



1 sent out corrections for that, and we withdrew that TC
2 that -- that did not allow that product. And so . . .

3 CHAIR CLEARY: So, Gerald, so since your AAG
4 hasn't participated in these, is there a -- how -- what
5 is the mechanism -- so for her to vet everything that
6 comes out of here that might input or not allow you to
7 do some of the stuff that we've discussed in these
8 meetings or subcommittees, does she go through the
9 minutes, or do you brief her on what's going on to get
10 advice back from her on direction and what you can
11 quickly adopt and write policy on? Or what -- is there
12 an internal process?

13 MR. BROWN: I just send the -- I send the
14 product to them for review before it gets implemented.
15 That's pretty much the way it works. It's like all of
16 our legislative work that we're doing on our --
17 legislative updates for WAC. All of that, we go
18 through and do all the work, and then it goes through
19 for their review.

20 So I follow a similar program of we do all the
21 background work, work with our committees, get all this
22 information put together, something that's going to
23 have to sit in the TC until we can make a WAC rules
24 update or legislative change, and then run that product
25 by our AAG for review before it's released.



1 CHAIR CLEARY: Okay. Does -- why don't we
2 take a five- to seven-minute break. We're a little bit
3 ahead of schedule. We'll talk about 3-and-4 and, kind
4 of, move on from there.

5 So Melissa, if you could put up the screen with a
6 countdown for seven minutes, be appreciated.

7 Thanks, everybody.

8 (Brief pause in proceedings.)

9
10 CHAIR CLEARY: All right. Everyone, let's
11 get back into this. We're a little bit early, which --
12 I think we're running ahead of schedule, which is good
13 because I'd really like to have audience participation
14 after this next segment. I think that's very valuable,
15 to have everybody there.

16
17 3/4 x 4 Update

18
19 CHAIR CLEARY: So I won't spend too much time
20 on the 3/4 x 4 update. The important thing to know is
21 that it's getting nationwide visibility because, like
22 we talked about --

23 And, Matthew, I really appreciate you getting
24 these press releases out.

25 There's another child severely -- a spinal injury



1 on a rental in Florida, and it just kind reiterates the
2 sense urgency of -- of getting this taken care of.

3 A little bit of background information. Up to,
4 well, 2016, the requirement for swing doors on
5 residential elevator's 3-and-5. And what that means,
6 is from the back of the door when it's closed to the
7 edge of the pit or the sill could be no more than
8 3 inches, and from the back of the door to the gate on
9 the cab could be no more than 5.

10 Well, there's been, you know, a lot of talk and a
11 lot of conversations 'cause, like I said, there's only
12 like 14 states that really regulate residential
13 elevators on the installation side. And Washington's
14 always been ahead of everything. And as much as I've
15 kibitzed in the past about being over-regulated, it's
16 really paid dividends here because we've always had --
17 been required to put in 3/4-and-4, so that's a good
18 thing.

19 But in 2016, the ASME committee, 17.1 committee,
20 saw fit, with a lot of discussion, to change that
21 requirement to the 3/4-and-4. And what that means is
22 the back of the door to the edge of the pit can't be
23 more than 3/4 of an inch, and no more than 4 inches
24 from the back of that door to the cab gate.

25 And that's based on scientific data that shows the



1 cranium of a child would that fit in there 'cause what
2 was happening was, playing around or doing whatever,
3 they'd be able to shut the door behind them and stand
4 in that sill. And then if somebody put a call in, the
5 elevator would take off with tragic, tragic
6 consequences.

7 So that's been in place now. So, you know, the
8 State, when we adopted the 2016 back in '18 on
9 October 1, required everybody to do the 3/4-and-4. And
10 on existing elevators, you can use space guard, but you
11 can't on new installations. And as it was alluded to
12 earlier, there was a group of -- Otis At Home
13 implemented it first, then TKA and then Savaria,
14 Garaventa, Bella, as well as Inclinator, came up --
15 came to an agreement with the federal government that
16 they would require all their dealers to meet this no
17 matter if the state was regulated or not. So that's
18 kind of what's been going on.

19 And the ones -- there's a recall on all the
20 elevators in this state that were handled by those
21 manufacturers to send information out to the homeowners
22 and give them free-of-charge space guards on all the
23 existing and to make sure that all manufacturers
24 were -- or installers/dealers were doing 3/4-and-4.

25 And that's pretty important that there's



1 consistency, and, you know, reach -- this has all been
2 discussed with Gerald and the State, and he's been very
3 good and the inspectors have been very good on
4 understanding what that requirement is and going
5 forward.

6 So it's something that's really important. And we
7 got to make sure that, you know, we're having
8 consistency and we're reaching out to all homeowners.
9 And this is another great reason why, that
10 point-of-sale inspections on residential is really
11 important, because the ones that have fallen through
12 the cracks, that didn't get original inspections, the
13 new homeowner doesn't know anything about this.

14 So getting an inspection up front, well, one, will
15 make sure that the doors -- even when 3-and-5 was
16 required, don't have a larger, 'cause if you have
17 4-and-9/16 -- I mean, if you have a 2-by-6 ball, you're
18 not going to meet the 3-and-5. But if they've never
19 had inspections, no one's ever going to know about it.

20 So that's why it's really important with Jim's
21 subcommittee to make sure that, you know, we come up
22 with something that the State can agree to in a policy
23 and kind of go forward with that. So . . .

24 So with that, is there any questions on that at
25 all?



1 Melissa, if you could take the agenda down, I'd be
2 appreciative.

3 So is there any questions on that from any of the
4 residential stakeholders? We can talk about in the
5 next thing. Anybody from the committee?

6 I know, Jim, you've been involved in this.

7 And, Garry, now you can talk a little bit to this
8 if you'd like because, you know, you came out of the
9 residential side and now you're in the commercial side.
10 But you understand the sense of urgency on getting
11 something done on this.

12 MR. WOOD: It is. It's an incredible sense
13 of urgency. There's no question about it. I mean,
14 I've seen people get injured from it, as you have,
15 Scott. And certainly, based on the records across the
16 country, how dangerous it can be, people playing games.
17 You know, some -- some people -- we won't mention
18 names -- played in dumbwaiters when they were younger.
19 Right, Melissa?

20 But we obviously need to be really careful to make
21 sure that -- that these units are safe. And our state
22 has done a really good job regulating that. But as you
23 mentioned, if the elevators got installed without being
24 permitted and inspected, then they're subject to these
25 problems.



1 So appreciate all the efforts 'cause we do need to
2 get this through as quickly as we can.

3 CHAIR CLEARY: And how I know, you know,
4 that's my main business, is residential. So, you know,
5 why is it important? 'Cause we get probably up to 15
6 or 20 calls from new owners or people that have just
7 taken ownership of a residence, the elevator's down, we
8 check, never been an inspection. So it puts them in a
9 really tough spot 'cause we can't work on it, or it's
10 noncompliant and they can't use it.

11 So having that safeguard not only is for children.
12 No one wants anything to happen whatsoever. And it's
13 also for the new owners, because they've got all the
14 skin in the game and even maybe existing owners that
15 just didn't realize what the requirement is.

16 So to me, it's extremely important that we get
17 quick movement on this. And I'd rather take a beating
18 for doing too much than sitting in a deposition
19 somewhere why we didn't do much at all.

20 So I applaud everybody's --

21 You know, Gerald, you know, you've been able --
22 you know, you sat down and listened to us go through
23 this, and you've been more than willing to -- to act on
24 this. So I have a sense of urgency. And, you know,
25 Jim and Garry have been doing a good job.



1 I just want to see this come to fruition, because
2 there's going to be a tidal wave. There's already been
3 pressure on all the manufacturers to submit to the feds
4 everything they've sold in the United States, who the
5 dealers are, what the states are, and what the address
6 is.

7 And, you know, we sent out probably 700 or more
8 letters to -- to existing customers, you know,
9 explaining everything to them, telling them what the
10 process is. If they don't meet it, and even if they've
11 got the 3-and-5, we want to put them on space guards to
12 make sure that they meet the 3/4-and-4.

13 So it's really an important thing. And it -- you
14 know, most people don't think about it. But when it
15 happens locally or happens to somebody they care about,
16 it gives them all a sense of urgency. So we want to
17 stay ahead of it. And I know I keep saying that, but I
18 think it's extremely important to have that sense of
19 urgency.

20 So with that, I will move on.

21 So what do we have next, Melissa?

22

23 Utilizing the 8am Stakeholder Time

24

25 MS. ERIKSEN: Next is utilizing the 8:00 a.m.



1 stakeholder time.

2 CHAIR CLEARY: Correct. And what we're going
3 to reach out to everybody is -- is that time before
4 anything was on record is a good time to be able to ask
5 the questions, get topics. So what we're reaching out
6 for is: Do we want to have training? Do we want to
7 have vendors come in or somebody give us a presentation
8 on something? Do we like the format that we have now?

9 We want to better utilize that time, and I think,
10 because it's not on public record, it's not being
11 recorded, we may have a little bit more open
12 conversation, which I think is also beneficial.

13 But we want to leave that up to you. We want to
14 hear from, you know, everybody, on how they want that
15 time to be used. So I'd be willing to open it up right
16 now to get some feedback on this portion of it. What
17 do people -- what do stakeholders think?

18 And remember, if you don't participate, we're
19 going to do something you don't like. Kind of, last
20 time to say something about it. So I can't say what my
21 grandfather always said 'cause I'd get in trouble.

22 Go ahead, Melissa.

23 MS. ERIKSEN: So to help people --

24 I don't know what that is, but I love it.

25 UNIDENTIFIED SPEAKER: I can't hear it.



1 MS. ERIKSEN: That was amazing. So, sorry
2 about that. What was I going to say?

3 Oh, so the 8:00 a.m. stakeholder time, when you
4 guys are thinking about it, think about, you know, is
5 there something that you'd like to hear more of, learn
6 more about? Is there something that somebody has?
7 Something they want to offer?

8 It's an hour. We can do a program and still have
9 time for normal chat. And it doesn't have to be every
10 ESAC, but there are only four. So, you know, we really
11 want to make sure that you guys are having the value
12 that you're needing in order to get questions heard,
13 things learned, or even offered. So think about that
14 when you're jumping in.

15 CHAIR CLEARY: So is there -- is there any
16 feedback at all from anybody on this? Or we just want
17 to keep --

18 And like Melissa said, it doesn't have to be
19 anything -- other than if you're going to -- you want
20 something done, can we get some visibility, we just
21 need to know about it kind of upstream of the next
22 quarterly meeting so we can get things set up.

23 I would like to see the State give some
24 presentations on some of the -- some of the programs or
25 things they're working internally that we don't really



1 always know about or stakeholders don't get visibility
2 to.

3 You know, Mr. McLaughlin, he made a good comment,
4 too. It's good to see it happen in front of it -- so I
5 think the State -- and the only reason I'm going to say
6 this is -- and I'm not getting paid for it -- is that
7 they do a lot of work that we just don't really know
8 about or get it out. I think sometimes we don't -- the
9 State doesn't get it out to the point where everybody
10 can see what's going on 'cause a lot of things get
11 brought to them. And it's a juggling act at times, and
12 there's a lot of thing to do.

13 But I know the things that I've brought to the
14 State, to Gerald and his staff, to give visibility.
15 And a lot of times it doesn't get shared or it has the
16 specificity of one project. But it could have an
17 impact on a lot of other stakeholders. And I guess I
18 don't do a good enough job of getting it out to
19 everybody.

20 So that's kind of what we're looking for. How do
21 we turn this into something that we can use that's
22 useful. And then in the time that comes up at 11:00 or
23 next portion of this when we talk about stakeholder
24 input, that's on the record. I always like getting
25 some critical things on the record 'cause I can always



1 go back and use it for leverage. So that's what we
2 want everybody to do. You know?

3 And so we want to do it in a very tasteful manner.
4 It's not a complaint session, but it's stuff that we
5 need to talk about. And we're going to talk a little
6 bit about the demarcation agreement coming up and some
7 other things.

8 So this is for you guys. This is to make sure
9 that we can make it easier to do business with State
10 L&I elevator. That's been a goal for mine, and some
11 day before I die I'd like to achieve it.

12 So with that, anything from anybody?

13 Ricky? What would you like to see?

14 MR. HENDERSON: I'd like to just see overall
15 just more of a stakeholder involvement. The -- and I
16 don't know if it's just -- everything is just going
17 good and we're not hearing a lot of problems or issues
18 coming back from our stakeholders.

19 But, you know, part of my job and part of the
20 things to be on the -- this committee is to voice
21 concerns from the stakeholders to the state. And I'm
22 not -- you know, I don't know how everybody else is
23 doing, but I'm not hearing hardly anything right now.

24 There's a few things that -- just minor items that
25 pop up. Maybe that's just 'cause the State's just



1 doing an awesome job right now. But I just want to
2 reach out to all the people here. You know, this --
3 this committee is here for a purpose and -- use and
4 abuse. Use and abuse us. Or if you have issues that
5 need to be brought up with the State, that's what we're
6 here for.

7 CHAIR CLEARY: And I will reiterate that --
8 is that we're here to be a mouthpiece for everybody to
9 get concerns to the State and get them worked out.

10 Now, Ricky and I have discussed --

11 And, Bob, I'll get to you in one second.

12 You know, Ricky, we've talked about maybe we'll
13 have a section in here that we talk about resolution.
14 You know, we have problem: Resolution. Maybe we have
15 a process put in place where we submit something to the
16 State, and we see how it's worked through, and then we
17 have a resolution. And so I think that's a really,
18 really good thing. And we're looking for support for
19 that.

20 But we need support from stakeholders because
21 there's got to be something that's daylighted, and
22 there's got to be a process in place, when we have
23 conflict or we have an ambiguity on how things are
24 being done, we know what the process is. And a lot of
25 the -- a lot of things get worked out when the sausage



1 is made. But if you don't know what's going in there,
2 you don't know how it's weighted, and you don't know
3 how it's been reviewed by the State. So having
4 something like that, I think, would be helpful for me,
5 too. So . . .

6 Bob?

7 Mr. McLaughlin, you're up. Okay.

8 Jim, anybody else on the committee wants to talk
9 towards, you know, what -- what they would like to see
10 for their stakeholders?

11 Remember, it's just not about my stakeholders or
12 what -- 'cause I'm the chair. It doesn't. It's about
13 everybody. So we need to have input from all the
14 different stakeholders.

15 Candace?

16 MS. LAU: Hi, yeah. So I -- one of the
17 things that I am working with the Department on right
18 now is that our permit process has a lot of -- there's
19 a lot of turnovers in -- in the elevator company
20 offices and things like that. So permit process has
21 been a real challenge as I was sitting in the
22 technical-specialist position, and it's still a
23 challenge. And -- but that's -- you know, it -- it's
24 because we haven't really been transparent with how we
25 need to do things. Right? That's one of the -- one --



1 that's what I'm hearing from you as an example that we
2 can do better.

3 And I believe that maybe we can have some open
4 forums, maybe once every quarter, once every couple
5 months, something like that, to open it up for maybe a
6 tutorial on "This is how we want the permits to come
7 in, and this is how the process works," 'cause it's not
8 really written exactly how our system works. Right?

9 So there's always questions: What do I need to do
10 when I take out a detector edge? Do I need plans when
11 I do a major mod? What is a major mod? You know, all
12 kind of questions like that. So we have all kinds of
13 crazy things going on in the permit-intake process that
14 can be cleared up if we have some type of open dialogue
15 with the industry.

16 So that's something that, you know, I've been a
17 real proponent on. And so hopefully, if we get
18 something like that going, that we can have that
19 process flow a lot better. So . . .

20 CHAIR CLEARY: So what I'm hearing from you
21 is that, for the November ESAC, that you'll give a
22 presentation?

23 MS. LAU: Oh, sure. I'll work right on it.

24 But anyway, everyone that I've, kind of, mentioned
25 this to really likes that idea. So -- and I think it's



1 something that is necessary because, like I said,
2 there's a lot of turnovers, you know, within the
3 elevator company, who puts in permits and who's
4 responsible for permits, and things like that. And our
5 system kept changing, right, because when we had the
6 COVID -- COVID happened, every office was closed down.
7 All the sudden we're like, "We can't do any work
8 because we have the system change." And nobody was
9 told what the new system is, so everything was, like,
10 word of mouth, "Oh, how am I supposed to get this to
11 you?" and things like that.

12 So we can do a better job on that. And maybe
13 opening it up for -- as an open forum every, you know,
14 couple of months, every quarter, whatever it takes to
15 get the flow -- to get a better flow for everyone.

16 So that's an example. That's an example of
17 something that I'm hearing you're saying that we need
18 to be more transparent about what we're working on and
19 what we're doing.

20 CHAIR CLEARLY: That's the whole purpose of
21 this, is to get feedback from our stakeholders and then
22 get an understanding of what the concerns are,
23 advise -- all we are is an advisor. Right? And we can
24 advise to the State.

25 But then I think we have an obligation to



1 understand what the State is doing to address these
2 concerns and get it back out to the stakeholders.

3 And I agree with you, I think that would be a
4 really good thing. It's not like things are really
5 being done in the dark of night. But, you know,
6 visibility and sunlight is the best antiseptic for
7 things. So I think that will help things.

8 Garry?

9 Thank you, Candace.

10 Garry?

11 MR. WOOD: Yes, Scott. You know, obviously,
12 we end up with periods of time, like what we're doing
13 right now, with discussions and different things. And
14 Gerald had posted something in the chat, which is a
15 great example of what that time could be used for, with
16 discussing machine room-less elevators, and really what
17 that looks like from an inspection standpoint, what the
18 inspectors are going to be asking for, because
19 obviously, you get a lot of -- whoever you ask the
20 question, you get a lot of feedback from -- elevator
21 mechanics don't like them at all, the ones I've spoken
22 with, and what their concerns are.

23 So I think if we were able to post some topics,
24 let's just say that -- we could say that we're going to
25 talk about machine room-less elevators and kind of give



1 a little bit of education in what that looks like. Or
2 when it comes to anything new that's being adopted,
3 like when we adopted the sump-pump requirement -- the
4 communication for the phone system is coming down the
5 pipe with the new 2019 code, and it's kind of already
6 adopted with the 2018 building code.

7 So, I mean, we could, you know, post --

8 We don't seem to get a lot of people connecting
9 to -- just coming in to talk on their own. Either they
10 don't feel comfortable with it, or they kind of want to
11 wait for the next person to bring up that subject or
12 what it may be. If we posted two or three topics for
13 each meeting, each period of time that people could
14 chime in for, that might be helpful, if there's a topic
15 that really grabs ahold of them, I think that would be
16 a great idea myself.

17 CHAIR CLEARY: You know, and we need to hear
18 from the stakeholders. That's really good. And that's
19 what this is for. We just don't want it to be an
20 animatron where we go down the things, blop things out
21 and not do anything. So this next hour is going to
22 be -- it's really important. I find this to be some of
23 the, you know, most important stuff that we talk about,
24 is we get to engage with all the stakeholders. So --
25 and that's what we need to do, and all this stuff is



1 really important.

2 It's really good to hear from the inspectors from
3 the State, from their supervisors, and the tech
4 specialist. I know we got pretty much a lot of them on
5 right now. And, you know, we just don't realize, kind
6 of, the workload right now that the tech specialists
7 have with permits. And maybe we can have Mr. Rudder,
8 kind of, talk about, you know, what's going on with
9 permits and how everything integrates with that kind of
10 aspect of things.

11 And I was surprised to understand, you know, the
12 amount of permits that are going in to the State. So,
13 you know, it's -- there's a lot going on, and maybe not
14 everybody kind of realizes what's going on.

15 So, Scott, what do you -- you got anything on
16 that?

17 MS. ERIKSEN: Scott's not on.

18

19 Conversation from Stakeholders

20

21 CHAIR CLEARY: Okay. So with that, let's
22 kind of open it up.

23 I would like to start off with -- I still -- we're
24 still seeing some ambiguities and things happening with
25 the demarcation agreement. I know we talked about it a



1 little bit earlier. So I know we've seen it on both
2 sides. It's not as bad as it was when -- I'm talking
3 commercial and residential.

4 And one of the things that I found out on an
5 inspection about a month ago is electrical now are
6 doing a lot of virtuals, even inspections, even on new
7 brand circuits. So there's a process in place that
8 it'd be nice if we could get that posted or kind of let
9 everybody know, especially on the residential side,
10 that, well, they're not going to see some green
11 stickers anymore when they get these virtual
12 inspections.

13 And so what does that mean? What has to be there?
14 And what do we need to make sure that Sparky who does
15 the inspection makes sure it's written down on that
16 disconnect or that whatever it is? 'Cause everybody
17 understands that on residential, the demarcation
18 agreement allows the elevator contractor to go from the
19 load side of the disconnect, and everything downstream
20 is theirs.

21 But we were surprised to see that there was
22 nothing on this disconnect, so we challenged the
23 electrical contractor. And they said, "No. We're
24 doing virtuals now."

25 So, Gerald, maybe you could talk a little bit



1 about that and what's the requirement and what -- what
2 do we need to see and what do your inspectors need to
3 see 'cause we're not going to see the green sticker.
4 That's always been the trigger for years. So can you
5 speak a little bit to that, Gerald?

6 MR. BROWN: Sure.

7 This came up, like you said, during a recent
8 inspection on residential equipment. And they're
9 utilizing and flushing out their virtual program even
10 more. Before, it was a short 15-minute electrical
11 inspection, and it never covered new services. And now
12 they've expanded it to be new branch circuit
13 disconnects and things like this.

14 And so what they're doing is the State electrical
15 program has adopted a system where they put a --
16 they're requiring the electrical contractor to put a
17 label, like with a label maker, on the cover of the
18 house panel or the disconnect that's been added for
19 residential work. They list a -- a VI, virtual
20 electrical inspection, and permit number and date of
21 inspection all on a -- just an informational strip.

22 And they -- we reached out to them, and they gave
23 us the link to the electrical site so you can click on
24 it and verify that, yes, that was a thing. It was
25 covering this service, that service, and this is their



1 process they're using for all of their virtual
2 inspections. Because, of course, it's virtual, they
3 don't have a guy putting the, you know, the green decal
4 on it. So it is different. It looks different.

5 We weren't notified ahead of time. We just --
6 upon discovery, we found that this is a thing. And so
7 I sent a correspondence to our inspectors that if they
8 had a question or a doubt or a challenge on a virtual
9 inspection for those disconnects or whatever service
10 was added for the elevator equipment, that we would be
11 able to verify those inspections. And we encourage you
12 as contractors and those in the -- those in the field
13 to follow that same process. There's a link. And
14 maybe Melissa can post it on there so you can verify
15 electrical inspections.

16 And I tried to share that information with
17 everybody we could that are being faced with this.

18 We've been having -- as far as electrical
19 inspection goes and the decals and things, they've been
20 showing up in the wrong places. And recently Ricky was
21 able to take it straight to the chief electrical
22 inspector, who was instrumental on having that
23 equipment untagged, and questions arose to why they
24 were tagging conveyance equipment. It gave the
25 impression that they had EL01 electricians doing



1 conveyance work by having that sticker on there. But
2 the actual inspection number that they cited on it was
3 for the disconnect, not for actually doing conveyance
4 work. So that was being addressed and being remedied.

5 So it's -- it's a huge program, lots of
6 inspectors, lots of different structures on how and who
7 works for who and what direction they received from
8 who. So it's -- there's a lot of moving parts in
9 electrical. With us, it's -- we're over our inspectors
10 and we communicate with them directly and we get
11 immediate results. And in that process, because it's
12 the State program plus 26 other jurisdictions and one
13 utility that gets to do those electrical inspections.
14 So not everybody's doing the same thing at the same
15 time.

16 And so this -- this whole thing about demarcation
17 is very important. I would be more than happy to
18 review that again at one of our stakeholder meetings.
19 If that's something they'd like to do, we can bring and
20 do that whole explanation again. If that's something
21 you would like to see, please contact Scott or Ricky
22 to -- with suggestions for topics for our stakeholders
23 meeting, and we'd be happy to address those.

24 CHAIR CLEARY: Ricky?

25 MR. HENDERSON: Yeah. I was just going to,



1 you know, reinforce what -- Gerald's last statements on
2 maybe doing another review of the demarcation,
3 especially of going along with one of the other topics
4 Gerald posted on the chat, and that's our MRL
5 equipment. I think that's -- definitely could bring up
6 some points of clarification on that because currently
7 the disconnect is in the machine room, and that sort of
8 falls under the electrician, electrical -- excuse me --
9 electrical inspector's purview.

10 Once we go into a piece of MRL equipment, now we
11 don't have that control space or control room. It's
12 actually in the conveyance. And that's -- I'm sure,
13 could lead towards some confusion from the electrical
14 side. It's still kind of --

15 Since it's bringing into the elevator controller,
16 my understanding from the demarcation agreement is
17 electricians are going to wire, pull the wire into our
18 elevator controller. Mechanics are going to land the
19 wiring in the elevator controller. With the -- with --
20 the thing with an MRL, though, that's actually going to
21 be the elevator disconnect.

22 So it's -- it's a --

23 CHAIR CLEARY: Is that --

24 MR. HENDERSON: That's going to lead towards
25 some discussions between inspectors, and getting ahead



1 of it probably be a good idea.

2 Sorry, Scott. Didn't mean to step on you.

3 CHAIR CLEARY: No, no. That's a very valid
4 point, is -- you know, because right now, you know,
5 it -- right now on commercial, you're supposed to land
6 it on the -- on the land -- in the controller. So
7 getting that clarified, I think, is going to be really,
8 really helpful.

9 But this comes back -- Gerald, you know, we
10 negotiated this demarcation agreement for about almost
11 two years. And I think elevator has been out in front
12 of it. They've -- they've had training. They've
13 explained things. And sure, there's some things that
14 fall through the cracks, but you guys have been out in
15 front of that.

16 I'm still frustrated that electrical's not getting
17 things broadcast or not -- not nothing -- there's been
18 nothing in their Short Wire, Circuit Wire, their
19 newsletter, about any of this. And not even have they
20 discussed the new program for virtual inspections on
21 branch circuits and feeders.

22 So somehow -- I don't know how. Obviously, we
23 can't externally of the State. There's got to be some
24 mechanism internally. And I kind of wish Steve was
25 here, Reinmuth, so he could kind of take this back to



1 the electrical side and say, "We need some more
2 transparency. We need you guys to lead out in front,"
3 because this drastically changes how we do business.
4 Right? It's always been green stickers, and if you
5 don't have a green sticker, boom, the inspection's
6 done.

7 Now they're -- what size does the font need to be?
8 Can it be handwritten? And who does it? And it's got
9 to be the electrician that puts it on there.

10 Everybody I've talked to doesn't know what the
11 requirements are. They passed their inspection. Boom.
12 They're done. And trying to get them back out there --
13 so are we allowed to do the stickers on the
14 disconnects? But it's not our permit.

15 So there's some problems there that we need to
16 figure out and get some good guidance out to the
17 residential stakeholders and electrical companies that
18 are actually pulling these permits.

19 Help.

20 That was for you, Gerald.

21 MR. BROWN: Oh. I'm sorry. I was -- I was
22 reviewing the other information. Now, I --

23 If we're talking about the demarcation
24 agreement -- is that what you're discussing?

25 CHAIR CLEARY: Well, demarcation and then the



1 new virtual inspections on -- on feeder circuits,
2 especially on -- we're going to see that, obviously,
3 way more in residential than you're ever going to see
4 in commercial.

5 MR. BROWN: Correct.

6 CHAIR CLEARY: But it really does impact
7 things.

8 MR. BROWN: It does. And it creates
9 confusion in the field for everybody involved with it,
10 that they -- that they maintain understanding, then,
11 that there is way to verify that the electrical work
12 was indeed inspected virtually. It just takes a phone
13 call. But we are still looking for the electrical
14 contractor to post that information on there, the date
15 of the virtual inspection and the permit number
16 associated with that virtual inspection. So there is a
17 way to verify it.

18 Yes, the green sticker was great 'cause everybody
19 knew because right on the green sticker they wrote what
20 they inspected. And -- and so that also took away a
21 lot of the mystery.

22 They're not providing that information with just
23 that single information strip that they put on there.
24 But this is an adoption or a policy that they've come
25 up with that we inherited just by virtue of. It's an



1 electrical service that's been added to a home.

2 So . . .

3 CHAIR CLEARY: But, Gerald, can you request
4 that -- I mean -- has there been any training going out
5 to the contractors that are pulling these permits and
6 going through these inspections? 'Cause the two of
7 them I know about, they had no idea what the
8 requirement was, what their obligation was to write on
9 the disconnect, period. They never heard -- they said,
10 "No one told me I needed to do this."

11 MR. BROWN: Okay.

12 CHAIR CLEARY: How do we alleviate that?

13 MR. BROWN: That's a question better answered
14 by the electrical department. I can't speak for them.
15 I know we're all L&I, but they have their program and
16 the way they enforce their policies and these changes
17 that -- it's up to them to get the information out to
18 the electrical contractors and their electricians in
19 the field.

20 CHAIR CLEARY: Okay.

21 MR. BROWN: So I -- I don't know how they
22 approach that.

23 Even though we've had a couple of different
24 trainings on this, there's still questions. And so
25 that's why reviewing it especially at our pre-ESAC



1 meeting or stakeholder's meeting is great. That's a
2 great place to have that. And so people can bring
3 questions. Especially these new situations we're
4 running into, please bring that to this discussion so
5 we can discuss -- get answers to those questions.

6 So . . .

7 CHAIR CLEARY: Okay. Any questions or --
8 on -- for stakeholder, any questions or anything?
9 Discussions stakeholders want to bring into this?
10 Because I have one more, but I'll wait my turn and let
11 anybody else -- this is your time to bring things up.
12 But if things need to be on the agenda, we need to get
13 some clarification.

14 Jan?

15 MS. GOULD: Yes. I wanted to speak briefly
16 about that City of Seattle -- for a target date of next
17 July to adopt the latest version of the Seattle
18 building code, which we did in 2021. And we're not
19 making many changes to Chapter 30. There are some
20 corrections to be made. And we are adding a lot of
21 requirements for when permits are applied for based off
22 the WAC rule.

23 So that's not -- and we're going to stay with the
24 2019 ASME so we'll be in harmony with the State. We
25 will be adopting the latest version, 2020 of the



1 A18.1, for accessibility lifts.

2 CHAIR CLEARY: That's good.

3 And do you know -- I know you mentioned a little
4 bit earlier, Jan, that there's kind of a drop-dead date
5 to be able to implement the latest version that's going
6 to be approved next year for the WAC. Are you going to
7 be able to do that, or is that something that you're
8 not going to be able to do?

9 MS. GOULD: I would have -- need to have a
10 look at that language sometime in September to be able
11 to add that 'cause I need to have the industry meeting,
12 submit all this to our engineering department and the
13 group above, and then have the CCAB, the Construction
14 Code Advisory Board -- I'll go in front of them in
15 early November.

16 CHAIR CLEARY: Okay. So, Gerald, and that
17 stuff -- is that -- can you have some offline
18 conversations with the city to see if that can be
19 accommodated?

20 MR. BROWN: Yeah. We're going to do whatever
21 we can to help her get that done.

22 MS. GOULD: Thank you, Gerald.

23 MR. BROWN: Yeah. Let me know. I'll let you
24 know when I have that information.

25 MS. GOULD: Will do.



1 MR. BROWN: Your success is our success.

2 CHAIR CLEARY: Any other -- any other input
3 from stakeholders or any other questions?

4 MR. BOYLE: This is Mike Boyle from
5 Schindler.

6 And I don't know if this is the forum to do this
7 in. But we'd like to revisit the proposed draft
8 regulation for the WAC requirements for the mechanical
9 lock-and-block device. Schindler contends that our
10 method of providing a means for unintended movement
11 satisfies and goes above and beyond the code
12 requirements for this without a mechanical locking
13 device. So, you know, let me know if this is the forum
14 to discuss it. I've submitted documentation to
15 Mr. Brown already on this note.

16 CHAIR CLEARY: If you could submit stuff to
17 Ricky so we can get some visibility on this -- if goes
18 right to Gerald and doesn't go through this committee,
19 it doesn't allow us to open it up for discussion. So
20 if you would send it to Ricky, he can get visibility
21 for it. And this is the right -- this is the right
22 place to talk about those things.

23 I'm not totally clear on it either. So who --
24 The last gentleman from Schindler, can you
25 reidentify yourself, please?



1 MR. BOYLE: Michael Boyle.

2 CHAIR CLEARY: Michael Boyle. Thank you,
3 Michael. Anything else?

4 Well, one other -- one of the last things I'd like
5 to discuss and talk to the State is about the
6 transition to paperless inspection and -- 'cause lately
7 we've been getting kind of mixed from different
8 inspectors that some will need paperwork, some will
9 not. And I find that somewhat problematic on
10 residential things, that we don't have the ability to,
11 right at the time of inspection, have that paperwork,
12 like, the three-part form like we used to.

13 And I understand we're in the 21st century and
14 we're trying to move away from it. But it -- for
15 residential, it's -- it's problematic for us under
16 contract requirements and obligations and, also,
17 getting stuff to the contractor to make sure he
18 understands that when we're on site, this is what needs
19 to be fixed, putting in thresholds that are too close
20 after the installation and some of the other stuff.

21 So what is the position of the State? And,
22 Gerald, you and I have talked about this a little bit.
23 And I would just like to understand, is that -- is that
24 the emphasis now is going to having things submitted
25 electronically after they leave the site, or is there



1 something we can do, kind of a hybrid for that?

2 MR. BROWN: We definitely have -- we've had a
3 process in place for quite a while for these inspection
4 report forms, more commonly called three-part forms.
5 And I can just share one or just speak to it. But we
6 do have -- for years, we've just left the three-part
7 form on site. And the guys would take it back to the
8 office, and they would type it all up. And then it
9 would go out to the appropriate people.

10 It's -- like I said, it's been a process for quite
11 a while. This is what the form looks like. It covers
12 new alts, annuals, non-annuals, 30-day reinspections.
13 It gives what we consider to be our code in A:01A,
14 meaning it has to be followed up on. It lists the
15 items in the report of the things that need to be
16 corrected. And then -- and then it has, you know, who
17 they've been dealing with, the inspector's name and
18 stuff like that, which is the -- it's very important
19 that they have that information as soon as possible.

20 That form is -- when it's finalized, is indeed
21 sent to everybody involved. We like to -- when the
22 guys write this stuff down on site, if -- if they want
23 to -- and if they can -- if they're doing it on their
24 tablets, be able to share that copy with whoever's on
25 site so they have it. A lot of guys will take -- a lot



1 of mechanics will take pictures of it so they have in
2 their phones or whatever just so they have it, if they
3 don't have a formal three-part form that they can leave
4 a copy of.

5 But they -- this inspection report, the results of
6 the inspection report does indeed get typed up and
7 submitted. The inspectors are encouraged to have those
8 things typed up and submitted by the end of the day or
9 first thing in the morning and get that information
10 disseminated as soon as possible.

11 As far as the time frames go, Melissa can verify
12 that this is a thing that comes out through CMS, and
13 it's -- and it's sent out.

14 Melissa, is that a mailing, or is that -- how is
15 that disseminated? Can you share with us on that?

16 MS. ERIKSEN: It's -- it's mailed out next
17 day from when it was entered. So figure three days is
18 the rule for when to expect to receive mail, if not
19 sooner, depending on where you live. But, yeah, as
20 soon as the findings have been sent in and/or inputted,
21 it gets sent out the next day.

22 CHAIR CLEARY: But one of the questions I
23 have is, when there's a gray area or there's -- how
24 does making -- the ensuring the code is properly
25 applied, that's where things kind of come off the wheel



1 a little bit when -- you know, we figure -- we go back
2 and check codes and make sure, well, that's not
3 applicable for this piece of equipment, there's got to
4 be a process in place that's more judicious about
5 getting that to the company and to the owner.

6 So that's one the things that has been a little
7 bit problematic on things.

8 MR. BROWN: The reports list the code first
9 on how this -- these particular items line up on
10 these -- on these corrections. And that's the part
11 that the inspector has the time to do his due diligence
12 when this report is typed out. That's when he has all
13 his code references right in front of him.

14 Out in the field, he's making quick notes of, hey,
15 this -- you know, there's no -- you know, there's no
16 phone -- there's no phone, or there's no alarm, or
17 the -- you know, the enclosure doesn't meet the
18 requirements, you know, the door is not following the
19 clearance requirements, things like that.

20 And so they're also able to attach photos to these
21 reports showing some of these write-ups and how these
22 issues -- how they're listed on the reports.

23 And so we're trying to be more thorough and have
24 accurate reporting when it comes to this stuff. So
25 we -- they have to have time to do their work, and



1 just, you know, pinning them down, you know, when you
2 see -- when you see violations where, you know,
3 obviously, you know, hoistway doors are set back too
4 far, wiring's not enclosed in the hoistway, lighting
5 issues, other things, you know, what has been done, you
6 know, what's -- what's missing on some of these jobs,
7 how much work is there left to do.

8 Did the manufacturer not label that -- the alarm
9 bell as part of the stop switch? You know, what -- you
10 know, what was left on site?

11 I mean, this is a finish inspection, and they
12 can't even get the cover on top of that -- on top of
13 that tower because they added a bunch of foam and
14 things like that. You know, these are the kind of
15 things that we see on these reports. You know, when
16 this -- when this car goes up and down the hoistway,
17 depending on where you're standing, this thing drags
18 all the way up.

19 You know, this -- this platform -- and this was a
20 final inspection. You know what I'm saying? It
21 doesn't meet the 3/4 rule. It doesn't meet --
22 there's -- there's just lots of things we find. And
23 this particular contractor called for a final
24 inspection. And so these are the things that get
25 written up.



1 These are the things that get noted. This is the
2 clarity in the reports that they have to have time to
3 list instead of just shooting from the hip on the job,
4 that you get a complaint report, Hey, "here's my A18.1
5 code cut. This was what needs to happen on this job.
6 This is what was found," and they have the supplemental
7 pictures to help make that happen. You know, just real
8 quick, oh, whatever you put, that's all we're going to
9 do. You know, this isn't -- you know, this isn't how
10 we do effective inspections.

11 Yes, it's nice to have the convenience of the
12 paperwork there. It's also nice to have the
13 convenience of, here is -- here is some of the items
14 and the code references, you know, if we have that
15 information at hand on site. But we would rather give
16 you a concise report as required by statute and rule
17 that you have a list, a written list of exactly what --
18 what is the write-up, what's keeping this job from
19 being done.

20 I also understand in the residential field it's
21 very fluid. Getting a crew out to this remote location
22 or if there's items -- well, like you saw, that was
23 going to have to be a reinspect, obviously, 'cause
24 there's very -- a whole bunch of stuff that wasn't
25 right.



1 But on some of these things, a lot of the
2 corrections at the discretion of the inspector, you can
3 call them up or send them a verification of
4 corrections, and you don't have to dispatch a crew to
5 go back and arrange for a follow-up inspection if
6 they're minor items.

7 You know, this kind of stuff is how we're trying
8 to be fluid and meet your business needs. But the
9 convenience of having a report has always been
10 wonderful. And we are trying to streamline our
11 inspection process so these code corrections
12 automatically come up so we can share them immediately
13 on site, and a lot of times we can do that.

14 But you want to know code clarity and code
15 accuracy and we're not citing the wrong codes, that
16 we've had time to put this report together and verify.
17 I have to have time for our staff to be able to do
18 that. They do the very best they can with what they
19 have, and it's -- you know, when you're looking in
20 the -- with the business view, which you have to do,
21 we -- we also have to try to make sure that we are
22 providing you accurate reports. And because this has
23 been a problem in the past where, "Hey, this guy says
24 it's this. Show me" -- "show me in the code where it's
25 at," well, he's not going to be able to get that done



1 while he's still on site and have that. He's going to
2 cite it, and he's going to go off his inspection report
3 that he has.

4 But when you get that written report and that
5 punch list comes out and those items corrected, who's
6 going to identify the things that perhaps he has to
7 come back for and the things that he doesn't have to
8 come back for.

9 So we're trying to keep the business need in mind.
10 And I understand the expense of doing business. But I
11 also understand that these guys are out -- they're out
12 inspecting every type of conveyance that's located in
13 Washington State, and being able to spout chapter and
14 verse of every code that they're looking at is probably
15 not a reasonable expectation for perhaps even the most
16 seasoned inspector that is constantly looking at
17 commercial and then goes to residential, or the ones
18 that are focused in on residential that step out into
19 new product and commercial and things like this.

20 There's still -- they're -- they're just people
21 trying to do a good job and trying not to break the
22 bank in the process. And we appreciate the fact that
23 it does -- it does involve, you know, this process.
24 It --

25 I don't have a quick, easy answer of, yes, we're



1 going to provide a paper on every job and every
2 inspector. We are -- we are moving this -- a part of
3 this training and refinement that we have, part of the
4 processes that our operations manager is going to help
5 us work with to -- to streamline this.

6 We appreciate the -- the bringing it forth, and it
7 is -- it's financially painful at times, and we're
8 trying to limit that. We're trying to have more
9 non-in-person reviews of corrections, too, making it
10 less financially painful.

11 CHAIR CLEARY: That's helpful.

12 Candace, is this something that you guys write
13 in -- are you coming up, or do you have --

14 You have an ops manual, correct?

15 MS. LAU: Yes, that's correct.

16 CHAIR CLEARY: And these are the things that
17 get reviewed and implemented for training? Especially
18 when we bring new inspectors on, these are the kind of
19 things, I think, that would be helpful, right?

20 MS. LAU: Yeah. No. That's exactly right.
21 There's a lot of -- no one's really been keeping up
22 with updating that ops manual, so it's going to be a
23 lot of work going through it every time we make a
24 change.

25 I -- I did review this -- and I -- you know, we've



1 kind of talked about a bunch of different things here.
2 But your -- I thought that your original question was:
3 What are we doing about leaving the paperwork on site?
4 Correct? And then it morphed into talking about all
5 these different write-ups.

6 I -- and what Gerald is saying is correct: When
7 you have all these different things that you have to
8 look up and really review, it is very difficult to sit
9 there and try to figure that out. Sometimes you have
10 to think about it. Sometimes you have to, you know,
11 talk to people.

12 CHAIR CLEARY: Well --

13 MS. LAU: But if it was a -- you know, an
14 acceptance -- I thought that's how you proposed it in
15 the beginning. Right? If it's an acceptance --

16 CHAIR CLEARY: Yes.

17 MS. LAU: -- and you approved it --

18 CHAIR CLEARY: Yes.

19 MS. LAU: -- let's leave some paperwork,
20 right? That's what you're saying?

21 CHAIR CLEARY: You're absolutely clear.

22 If -- when you have the write-ups and that stuff, I get
23 it taking time. But if it's a pass, there should be
24 something -- a sticker or a piece of paper that we hand
25 to our -- hand to our customer saying, "Yep, you're



1 passed, and it's ready to go. We're going to train you
2 how to use it. Payment is due, and it's ready to go."

3 So I agree with you guys that if there's write-ups
4 that need to be verified -- I'm good with that. But if
5 it's passed --

6 MS. LAU: Correct.

7 CHAIR CLEARY: -- we should be able to have
8 something --

9 MS. LAU: So, you know, I -- I've spoken to
10 several -- you know, because part of what I do now is
11 I'm, you know, going to try to figure out what
12 everybody out there is doing. Right? Obviously, I
13 haven't had a chance to talk to everybody. But it
14 seems some people leave it, like you're saying, and
15 some people walk away and, you know, write it up that
16 day when they get in the office, and it gets sent out.
17 Right?

18 But I understand. And I -- I agree with you that
19 something should be left on site, whether it's a piece
20 of paper or an -- a -- take a picture of it and email
21 it to you or text it to somebody, something needs to be
22 given if it received a pass.

23 CHAIR CLEARY: Well, I don't know -- I know
24 the State of Oregon gives you a little medal, a little
25 writing, metal thing they put on the conveyance saying



1 it passed. City of Seattle, I don't know if they're
2 still doing it, but they do the same thing.

3 On something like that, I think it's important
4 that you have verification that it's safe to operate,
5 you've met all your obligations per the permit, and
6 then move on. And I agree that, if you have write-ups,
7 then I have no problem getting it the next day or
8 within 24 hours, whatever it is, 48 hours or 72.

9 It's just, there should be a better process in
10 place for when you -- when's it's passed and you're
11 done, you're good, you've met your obligations. That's
12 what I'm asking for more than just the big write-ups.
13 I wasn't clear and concise on my question. So that's
14 kind of what I'm looking for.

15 MS. LAU: You're absolutely right.

16 CHAIR CLEARY: Yeah. Okay.

17 MS. LAU: So we are -- I am looking into
18 that. That's on one of the lists of many things that
19 I'm working on. But . . .

20 CHAIR CLEARY: Is it high on the list?

21 MS. LAU: What's that?

22 CHAIR CLEARY: Is it high on the list?

23 MS. LAU: It's on the list. There's a lot of
24 things on that list because the minute I came into this
25 position, everybody's, "Well, what about is this? What



1 about that?"

2 So it's on a list. I do put everything down. I'm
3 writing it down on my notes as we speak. And those are
4 things that I try to keep track of. There are things
5 that we can -- you know, this is what we call --
6 probably call low-hanging fruit, right, to write, you
7 know, something simple like this that can be corrected.
8 We should be able to correct that.

9 As far as the passing goes, because I do agree,
10 something needs to be left, whether it is a piece of
11 paper or -- because I know that some people leave a
12 piece of paper. Some people print out two pieces of
13 paper and leave one on site. Right? That's a quick
14 fix. Right? But some people -- we don't want to waste
15 paper. Right? I don't leave everything on site, so
16 I'm going to -- or if I printed out two pieces of paper
17 and it became I have to write all this write-up, the
18 other piece of paper gets, you know, tossed. Right?

19 What is the best way, you know, that's still up
20 for discussion. I do agree that something needs to be
21 left, whether it is taking a picture and emailing it.
22 You know, that would be my quick fix. Right?

23 So . . .

24 CHAIR CLEARY: Well, it would be nice to have
25 a sticker or something -- everybody likes stickers --



1 that's attached. It could be a medal, something that
2 can be -- yeah.

3 MS. LAU: Yeah. For commercial jobs, we used
4 to even leave those 30-day temporary operating --

5 CHAIR CLEARY: Correct.

6 MS. LAU: And when I was out there, I have to
7 admit, I use to leave it on residential just to leave
8 something permanent, a sticker.

9 But we've gone away from that. And -- you know,
10 so we don't even do that anymore. Except there are the
11 green stickers left, and so some people may still have
12 them and leave them. But we're not ordering any more,
13 is my understanding.

14 CHAIR CLEARY: Well, where it's important, at
15 least for residential side, I think we're most like
16 this -- is that payment is due upon final inspection,
17 and if you don't have verification at that time, then
18 that holds up payment for a day, two days, or whatever
19 it is. So -- and passing would be nice to have some
20 sort of verification. And I think that would be, like
21 you said, low-hanging fruit that would make a big
22 difference. And it's not huge, especially on the
23 commercial side, but it is on the 18.1 and the 5.3
24 side.

25 MS. LAU: Right.



1 Well, it is for commercial, as well, because we
2 don't want elevators to be turned over with nothing
3 and --

4 Go ahead, Gerald.

5 CHAIR CLEARY: You're muted, Gerald.

6 MR. BROWN: I just realized that now. I was
7 having a great discussion, too. I was winning.

8 One of the -- one of the important things was,
9 like, you get on commercial, and stuff that we write up
10 on commercial, as well as residential -- let me say
11 that -- you hand out your one piece of paper, and the
12 mechanic, you know, he knows, "I got to get this done
13 to get this passed."

14 Well, in the process, we pointed out that you need
15 additional lighting in the pit or overhead, or machine-
16 room control space or whatever, you need to have that
17 fire extinguisher permanently mounted for our
18 inspection; you can't just lay it on the floor 'cause
19 we don't know if it's going to stay there, you know,
20 things like that that are building related.

21 Well, they don't get that piece of paper, and so
22 it just sits there. And in a past inspection program
23 that I ran, had we had -- at the end, we would
24 handwrite it, we would copy it, hand them -- you know,
25 give it to them on their phone, or we could just email



1 that results of that inspection report to them.

2 But it went to the construction superintendent.

3 It went to the general contractor. It went to the --
4 you know, anybody they identified they wanted it to go
5 to. And so the construction superintendent, he knew
6 that, "Hey, I got to send my guys back. We got to run
7 that hoistway and do a lot of caulking" or whatever.
8 And so he knew right away before the guy ever got back
9 off his inspection to hand a piece of paper to him in
10 the office.

11 And so does -- the piece of paper, does it go to
12 the contractors? Does it go to the mechanic? And so
13 we're going to run into situations there.

14 A completion piece of paper, that sounds awesome.
15 I think that's great. But let's -- let's -- let's give
16 Candace a chance to bring this forward and talk with
17 people and get this standardized so when we get it out
18 there, you guys have a chance to review it and weigh in
19 on it. Right? That's what -- it's transparency. We
20 want your opinion on this, but let's get you something
21 to review, and let's get this right, and let's move
22 forward with it.

23 CHAIR CLEARY: All right. Thank you.

24 Dan Eggers, you have a question or something you'd
25 like to say? You want to expound upon that, please?



1 MR. EGGERS: Sorry. I had to unmute. Can
2 everybody hear me?

3 CHAIR CLEARY: Sure. Yes.

4 MR. EGGERS: Yeah. It was a -- it was a
5 question to -- I need to bring it forth in front of
6 everybody about the emergency power requirements for
7 having test weights on the jobsite to fully load every
8 elevator on a project that's on a standby generator.

9 I just want to get a little clarity on that. I
10 mean, what -- why is that a requirement? And has
11 anybody else found a better way of doing this?

12 CHAIR CLEARY: Gerald?

13 MR. BROWN: Okay. I know that in the book it
14 requires that each car run with a full load. But most
15 generators don't run all the cars at one time, and so
16 it's usually just moving the weights while the car's on
17 generator to make sure it will handle the loads and
18 stuff, one car at a time to handle the -- handle
19 capacity.

20 But as far as loading all of the elevators at one
21 time, that's probably more of an exception than a rule.

22 Did you have any specific job in mind that you
23 were referring to, any -- not specific job, but
24 particular application?

25 MR. EGGERS: No, I wouldn't say there's a



1 particular project. But we do get, on occasion,
2 inspectors requiring -- saying that we need to fully
3 load every car.

4 I would throw out probably the Microsoft campus.
5 They have a rather unique situation where they actually
6 have three different power supplies coming into the
7 jobsite. And they're -- they're implying that we may
8 have to fully load every car on the campus to do the
9 generator testing.

10 Now, I'm not saying that's really going to happen.
11 But in that particular instance, that would -- that
12 would require probably more weights than we have in the
13 entire area of Western Washington. So if there's a way
14 to do the cars individually, I'm all for that.

15 But when -- when is it required to have all the
16 cars fully loaded? If the generator's going to run all
17 the cars at the same time, do we have to fully load
18 every car for the testing?

19 MR. BROWN: We typically don't see every car
20 at the same time. Typically, elevator selection, you
21 know, the selector switches they have, they will check
22 the operability of each car, bring that one down, go to
23 the next one, check the operability, bring that one
24 down, and then would designate whatever car you had on
25 the selector.



1 In that particular case, where you have two
2 different power grids that kind of overlap where they
3 can switch from one power grid to another, so if they
4 had a -- if they're on the east-side/west-side line,
5 whatever, and east side went down, the campus went
6 dark, they can turn on the west side, and everything
7 stays running.

8 And they also have three different generators,
9 from what I understand, that are trying to power the
10 nine different buildings. And whatever that load looks
11 like and whatever equipment you sold them to either
12 have them all run at the same time or did you go to the
13 selector and how do we address that, if it's -- all of
14 a sudden all the elevators on site are all instantly
15 pulling on that generator for full load -- potential
16 full-load test of people inside, you know, not that
17 that's really going to happen, but, you know, you still
18 have to have that potential.

19 If you're planning on running every car
20 simultaneously, at the same time, how would you, you
21 know, that you'd be able to do that? Are you going to
22 put, you know, 40 elevators full of people in jeopardy
23 because we never tested it? So if it's designed to run
24 all of them at once, then that's -- that's a subject to
25 talk about. It really depends on the location and



1 how -- what the approach is. And then we will address
2 the answer at that time to -- how to do this.

3 And I -- I've done testing -- I did a big
4 university where they just insisted to run every car at
5 the same time, and they went out to Fairbanks Scale and
6 brought in semis full of weights 'cause they wanted it
7 tested with every car. And that was their choice
8 because that's what they -- that's how they wanted
9 their system tested to verify that it would work. But
10 if their needs are such that they're doing a selector,
11 you know, where it's just going through selecting a car
12 at a time and putting that primary car back in service
13 or whatever the next available car is so that way
14 you're not -- you're not limited to that.

15 MR. EGGERS: Yeah. And I completely agree
16 with you on that. And most of the recall testing is
17 done on software-based setups. So we'll have
18 sequencing come down, bring the cars down to the lobby,
19 and eventually put one or two cars back in service.
20 And I'm completely okay with that.

21 It's just -- it just seems like it's kind of hit
22 or miss where we get requests to fully load every
23 single car or just a couple of cars or -- you know, I
24 just wanted to get some kind of written clarification
25 on what the requirements are, when we have to fully



1 load every car and when we only have to load one car at
2 a time for sequencing, 'cause I -- and I think most
3 people here would agree: In most cases you're actually
4 drawing more current running the cars empty down to the
5 lobby from an upper floor than you are if they're fully
6 loaded.

7 Now, granted, you're going to regen the system --
8 but I'd just like to get a little bit better
9 clarification on that in case the question comes up
10 again.

11 CHAIR CLEARY: Ricky, I'll get to you in a
12 second.

13 Dan, could you please, for the court reporter --
14 the reporter state your name and affiliation so we have
15 it in the minutes, please?

16 MR. EGGERS: Yeah. This is Dan Eggers. I'm
17 the operations manager for Otis Elevator in Seattle.

18 CHAIR CLEARY: Fantastic. Thank you.
19 Go ahead, Ricky.

20 MR. HENDERSON: Hi, Dan. This is Rick
21 Henderson.

22 Dan, I was just wanting to confirm with you, are
23 we talking acceptance testing or annual testing?

24 MR. EGGERS: This is acceptance. This is new
25 equipment.



1 MR. HENDERSON: New equipment. Okay.

2 MR. EGGERS: Yeah.

3 MR. HENDERSON: Yeah. There are some
4 different requirements for new equipment, as there is
5 for annual testing, I believe.

6 That's what I was just wanting to do -- do so I
7 could clarify on it.

8 MR. EGGERS: Yeah. I believe after it's been
9 inspected the first time, that it's not required to
10 have the full-load test done after that point. But for
11 the new equipment, obviously, I -- and, again, the
12 question comes up occasionally. So if there was
13 something that we could refer to if the question does
14 come up again, that would be extremely helpful. And
15 that's really what I'm trying to get at.

16 CHAIR CLEARY: Great question.

17 Gerald, sorry. I didn't mean to cut you off.

18 MR. BROWN: No. I was just trying to clarify
19 on the -- on the requirements for the testing, that
20 that's something that we need to discuss so we have
21 consistency. So another -- another check box. Another
22 option.

23 MR. EGGERS: That would be very, very
24 helpful. Thank you.

25 CHAIR CLEARY: Another line in the ops



1 manual, Candace.

2 No. This is --

3 MR. EGGERS: Thank you.

4 CHAIR CLEARY: This is what's really good.
5 These are the conversations that we really need to
6 have. And so these are the kind of things that, you
7 know, Ricky and I talked about, that we have to have a
8 process. We got a question or a concern that comes in,
9 work through the process, and be able to come out and
10 read out an answer to everybody or what -- the decision
11 was made. I think this is what we're looking for. So
12 that was a great -- I really appreciate everybody's
13 input.

14 We're about to the end. Anything else anybody
15 would like to bring up real quick? We got nine
16 minutes. If not, we'll bring this to a close.

17 Not seeing any.

18 Oh, go ahead, Gerald.

19 MR. BROWN: I just wanted to go on the record
20 to say Melissa is correct. Everybody else got to say
21 it. And Melissa is correct.

22 Fill in the blank of whatever the question was.

23 MS. ERIKSEN: Hear, hear.

24 CHAIR CLEARY: Yes. Yes.

25 Hopefully, that's on the record. So that would be



1 good. That might be the only thing that's debated upon
2 and taken exception when we review the minutes, but I
3 won't be the one.

4 All right, everybody, I really appreciate --
5 Well, Andrew?

6 Andrew? Or Ryan Andrew?

7 Got your hand up.

8 Okay. Everybody -- thanks, everybody, for your
9 participation.

10 Thanks, Sue. I know it's not easy with us to do
11 that, but I really appreciate your effort.

12 And thanks, everybody, for their participation.
13 And make sure you get ahold of your -- you know, your
14 representative here if you've got any questions, you
15 want things -- that's what we're here for. It's the
16 only reason we exist is to get feedback from
17 stakeholders and get answers. And we'll hold the State
18 accountable, but we can't do that unless we get stuff.

19 And I appreciate everybody spending time on the --
20 the subcommittees and the working groups. I know
21 that's all pro bono, and it really does help.

22 And I'll say this on the record, that Gerald and
23 his staff, when it comes from the supervisors, Candace,
24 and the inspectors, they do listen to what we say, and
25 they're working towards making it better for everybody.



1 So with that, have a great rest of the week, and I
2 appreciate everybody. And we'll see you in November.

3 Thank you.

4 (Proceedings concluded at 12:12 p.m.)

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

C E R T I F I C A T E

I, SUE E. GARCIA, a Certified Court Reporter in and for the State of Washington, residing at Tacoma, authorized to administer oaths and affirmations pursuant to RCW 5.28.010, do hereby certify:

That the foregoing proceedings were taken before me on the 16th of August, 2022, and thereafter transcribed by me by means of computer-aided transcription, that the transcript is a full, true, and complete transcript of said proceedings, consisting of pages 1 through 126;

That as a CCR in this state, I am bound by the Rules of Conduct as Codified in WAC 308-14-130; that court reporting arrangements and fees in this case are offered to all parties on equal terms;

That I am not a relative, employee, attorney, or counsel of any party to this action or relative or employee of any such attorney or counsel, and I am not financially interested in the said action or the outcome thereof;

IN WITNESS HEREOF, I have hereunto set my hand this August 29, 2022.



SUE E. GARCIA, CCR, RMR
WA Lic. No. 2781



<hr/> 0 <hr/>	2012 37:6	<hr/> 5 <hr/>
01 35:24 38:2,3,6,12	2013 19:6	5 10:16 72:9
02 35:21	2016 72:4,19 73:8	5.3 114:23
03 35:21 41:8	2018 87:6	5.7 37:15
04 35:21 37:13 41:8	2019 19:11 87:5 98:24	50 49:9
06 35:21	2020 19:7 98:25	<hr/> 7 <hr/>
08 37:25 38:1,3,7,11	2021 98:18	700 77:7
09 38:24	2022 4:1	72 112:8
<hr/> 1 <hr/>	2022's 7:17	<hr/> 8 <hr/>
1 6:15 21:10 25:13 27:9 73:9	2023 30:12	8 29:12
10 38:24	21 10:5	8.5 29:10,11
117 65:2	21st 101:13	8:00 77:25 79:3
11:00 4:11 80:22	22 16:24	8am 77:23
12 37:22	24 112:8	<hr/> 9 <hr/>
13 7:14	26 92:12	9 29:12
14 72:12	270 4:22	94 16:21
15 76:5	296-96-500 67:11	9:03 4:2
15-minute 90:10	<hr/> 3 <hr/>	<hr/> A <hr/>
16 4:1	3 46:19 72:8	a.m. 4:2 77:25 79:3
17 10:6 23:22,25 28:25 58:14	3-and-4 71:3	A10.5 19:7
17-percent 28:15 29:5	3-and-5 49:16,19,20 72:5 74:15,18 77:11	A17 60:9
17-percent-fee-increase 28:20	3/4 71:17,20 72:23 105:21	A17.1 5:3,23 6:11
17.1 12:2 58:15 59:25 60:6 72:19	3/4-and-4 56:14 72:17,21 73:9,24 77:12	A17.1. 69:20
18 73:8	30 98:19	A18.1 57:20 58:4 69:20 99:1 106:4
18.1 4:23 12:2 58:14 59:24 60:7,11 114:23	30,000-foot 69:1	A90 7:15
1994 16:21	30-day 102:12 114:4	A:01a 102:13
19th 29:19	<hr/> 4 <hr/>	AAG 70:3,25
1st 9:17	4 46:19 71:17,20 72:23	ability 38:6,11,12 42:7 48:25 101:10
<hr/> 2 <hr/>	4-and-9/16 74:17	absolutely 60:20 64:22 110:21 112:15
2 15:20	40 119:22	abuse 82:4
2-by-6 74:17	48 112:8	
20 76:6		



accept 43:9
acceptable 64:22
acceptance 19:3 60:25 110:14,15
accessibility 99:1
accessible 47:9
accident 8:16,19 10:4,14
accidents 9:22 10:2,5,7 52:19
accommodated 99:19
accordance 44:21
accuracy 107:15
accurate 104:24 107:22
achieve 81:11
act 76:23 80:11
action 60:19
actual 92:2
AD 21:8
ad-hoc 5:2
add 58:8 99:11
added 21:4 90:18 91:10 97:1 105:13
adding 98:20
addition 47:17
additional 10:6 15:23 39:23 115:15
additionally 19:15 48:24
address 38:18 66:16 77:5 86:1
92:23 119:13 120:1
addressed 26:3 37:25 63:8,11
67:14 92:4
addressing 63:7
adhered 26:23
adhesive 44:14,17
adjust 23:15
adjusting 29:4
administrative 66:1
admit 114:7
adopt 8:5 40:7 43:10 46:3 70:11
98:17
adopted 42:1 69:23 73:8 87:2,3,6
90:15
adopting 45:14 98:25
adoption 31:22 33:8 66:4 68:18
96:24
adoptions 40:5 66:16
advice 70:10
advise 43:8,10 45:14 85:23,24
advised 45:6
advisor 5:21 85:23
advisory 5:9 99:14
advocate 58:17
Aegis 5:17
AEMA 49:13
affect 53:7
affects 69:1,2
age 52:20
agency 20:23 21:11 24:15 25:14
30:7,11 49:15
agenda 14:17 75:1 98:12
agree 8:5 46:3 53:4 74:22 86:3
111:3,18 112:6 113:9,20 120:15
agreed 22:14
agreeing 45:14
agreement 51:16 67:20 73:15 81:6
88:25 89:18 93:16 94:10 95:24
ahead 7:20 16:9,10,14,16 19:24
30:1,15,17 34:18 43:7,10 46:2 51:21
52:25 53:2,5,8 54:22 71:3,12 72:14
77:17 78:22 91:5 93:25 115:4
AHJ 67:10
ahold 87:15
Airbnb 47:13
airports 11:11
Aithent 21:21 22:14
alarm 104:16 105:8
Alicia 23:17 28:2,9 34:4,5
align 29:2
all-day 39:11
alleviate 97:12
allowed 24:5 66:20 69:25 95:13
allowing 38:16 57:24
alluded 73:11
alteration 12:8
altered 33:17
alternate 6:6,11,14,25 7:9
alts 102:12
amazing 79:1
ambiguities 88:24
ambiguity 82:23
ambulance 10:20
amount 88:12
amounts 14:7
analyst 28:10
analysts 25:12
ancillary 60:1
and/or 103:20
animatron 87:20
Annette 21:2
announce 55:4,14 64:18
announced 64:8
announcement 55:8
announcements 4:9
annual 12:12 13:16
annuals 9:8,10,11 13:7,10,13 67:25
102:12
answering 17:12,14
answers 13:1 98:5
anticipate 65:10
anticipated 22:18 23:1 28:19 35:18
38:15
anticipating 32:13 42:17
antiseptic 86:6
anxiously 13:19
anymore 17:14 89:11 114:10



apologize 65:24
applaud 76:20
applicable 37:24 40:20 41:1 42:10
67:8 104:3
application 117:24
applications 41:2
applied 67:9 68:24 98:21 103:25
apply 36:12 69:22
appreciated 42:4 71:6
appreciative 34:14 45:8 75:2
approach 56:7 97:22 120:1
approaching 60:2
appropriately 36:24
approval 60:15
approve 57:25
approved 8:12 58:2 64:3 99:6
110:17
April 10:7
architects 5:18
archive 38:5
area 15:19 24:15 50:8 103:23 118:13
areas 14:10
arose 91:23
arrange 55:16 107:5
articles 55:1
ASME 5:23 7:13,15 42:12 72:19
98:24
aspect 42:12 88:10
aspects 69:11
assembly 42:23 43:1
assumed 47:23
attach 104:20
attached 65:6 114:1
attachment 44:13,16
attend 19:9
audible 6:1 7:4,6,24 45:25 54:1
audience 62:1 71:13

August 4:1 23:6 29:19
aunts 52:14
authority 43:24
automatically 107:12
aware 56:5
awareness 24:21
awesome 82:1 116:14
aye 45:15
ayes 8:10 45:16

B

back 10:19 15:19 16:22,25 25:23
28:4 33:22 37:6,22 38:5,12 63:24
65:6 69:14 70:10 71:11 72:6,8,22,24
73:8 81:1,18 86:2 94:9,25 95:12
102:7 104:1 105:3 107:5 108:7,8
116:6,8 120:12,19
backfill 15:14
background 70:21 72:3
bad 89:2
bag 10:18
ball 74:17
bank 108:22
based 23:14 24:5 41:13 43:8 60:4
72:25 75:15 98:21
basic 36:3 37:7 48:10 49:8
basically 44:24 50:18 62:21
basis 12:15 24:9 50:3
bat 33:21
Bates 6:24
beating 76:17
beautiful 50:7,8
beginning 38:22 110:15
behind-the-scenes 17:13
bell 105:9
Bella 73:14
Belt 7:15
beneficial 18:8 78:12

bid 22:19
bidders 22:6
bids 22:4,5
big 21:1 58:17 112:12 114:21 120:3
biggest 18:16
binding 66:23
bit 17:3,7,20 22:17,25 23:11,19 31:1
34:17 35:9 40:1 43:23 46:19 49:19
54:19 65:23 71:2,11 72:3 75:7 78:11
81:6 87:1 89:1,25 90:5 99:4 101:22
104:1,7
blatant 64:21
blot 87:20
board 7:13 12:5 15:8 99:14
Bob 82:11 83:6
book 117:13
boom 95:5,11
bottom 49:21
bound 69:20
boxes 59:14
Boyle 100:4 101:1,2
branch 90:12 94:21
brand 89:7
break 12:1 71:2 108:21
breakdown 13:20
breakdowns 12:14 29:7,14
Brian 5:16,17 43:2,4,12,15 46:4,25
64:15
bridge 66:3
briefly 43:16 98:15
bring 9:18 61:19 66:25 69:9 87:11
92:19 93:5 98:2,4,9,11 109:18
116:16 117:5 118:22,23 120:18
bringing 15:8 62:16 64:25 93:15
109:6
broadcast 94:17
brought 66:13 80:11,13 82:5 120:6
Brown 5:6,7 8:25 9:3,6 11:20,23
12:7 13:8,12 14:18,23 16:15 18:23
19:1,17 33:11,20 54:3 65:14,17 66:7



67:5,16 68:22 70:13 90:6 95:21
96:5,8 97:11,13,21 99:20,23 100:1,
15 102:2 104:8 115:6 117:13 118:19

budget 29:1

building 6:19,25 87:6 98:18 115:20

buildings 119:10

bulk 10:6

bunch 105:13 106:24 110:1

business 13:2,4 15:24 25:12 49:25
62:1 69:3,5,6 76:4 81:9 95:3 107:8,
20 108:9,10

busy 13:17

buy 51:5

buying 47:23

C

cab 72:9,24

calendar 61:11

call 43:6 45:9 73:4 96:13 107:3
113:5,6

called 22:7 102:4 105:23

calling 13:3

calls 50:17 76:6

camera 20:2

campus 118:4,8 119:5

canceled 61:10

Candace 14:25 15:12 16:11,12,15,
18,20 18:11 58:21 61:6 83:15 86:9
109:12 116:16

capacity 117:19

car 105:16 117:14,18 118:3,8,18,19,
22,24 119:19 120:4,7,11,12,13,23

car's 117:16

care 12:11 14:15 72:2 77:15

careful 75:20

Carini 6:17,18 57:10,12,13 60:4,12,
20 61:15

Carl 6:22,23 54:12 57:11,14 58:8
59:19 61:14,17

cars 117:15 118:14,16,17 120:18,19,
23

carve-out 47:3,15

Cary 6:22,23,24 57:14 58:9

case 119:1

categories 11:25 12:1,6 35:14,20
36:9 37:11 38:21,24,25 41:8

categories' 36:14

category 35:3,8,16,22 37:13,20,25
38:1,3,7,12 44:8

caught 10:18

caulking 116:7

caution 55:5

CCAB 99:13

century 101:13

Certified 4:3

chair 4:8,20,22 5:5,11,15,19,24 6:2,
7,12,16,21 7:2,5,7,11,19,25 8:8,11,
18,23 9:2,5 11:19,21,24 13:5,9 14:3
16:10,18 18:11,15,22,24 19:24 25:3,
16,24 26:9,16 27:13,22 28:1 29:23
30:13,15,18 31:20 32:2,15 33:3,19
34:1,8,17 35:5 37:4 40:18 41:5
42:25 43:15 45:4,13,17,19,21 46:1,
8,12 49:3 51:20 52:3,8 53:19,22
54:2,6,17 55:23 56:9,25 57:4,9
58:10 60:10,18,21 61:14,22 62:5,13
63:16 64:5,24 65:16,23 67:1,12
68:17 70:3 71:1,10,19 76:3 78:2
79:15 82:7 83:12 84:20 85:20 87:17
88:21 92:24 93:23 94:3 95:25 96:6
97:3,12,20 98:7 99:2,16 100:2,16
101:2 103:22 109:11,16 110:12,16,
18,21 111:7,23 112:16,20,22 113:24
114:5,14 115:5 116:23 117:3,12

chaired 35:8 43:18

chairing 46:5 57:13

challenge 39:19 83:21,23 91:8

challenged 65:7 89:22

challenges 18:4,17

chance 58:22 111:13 116:16,18

change 19:10 21:1 24:13 26:18 48:2
63:15 70:24 72:20 85:8 109:24

change-management 24:20

changed 15:23 20:11 33:6,10

changing 32:11 85:5

chapter 98:19 108:13

charge 30:1

chart 9:4,23

chasm 66:3

chat 64:12,18 79:9 86:14 93:4

check 31:14,17 59:14 76:8 104:2
118:21,23

checklist 58:12 59:6

chief 5:8 14:18 91:21

chief's 8:12,14

child 46:16 71:25 73:1

child's 49:18

children 49:4 52:15,18,19 55:15
76:11

chime 87:14

choice 120:7

chorus 8:10 45:16

circuit 90:12 94:18

circuits 89:7 94:21 96:1

cite 108:2

cited 92:2

citing 107:15

city 5:22 6:9 7:9 98:16 99:18 112:1

clarification 62:18 67:1 68:7,14
93:6 98:13 120:24

clarifications 66:9 67:5 68:13

clarified 68:5 94:7

clarifies 67:14

clarify 51:23 52:4 66:20 67:3 68:2

clarifying 8:20 22:19 44:18 63:9

clarity 106:2 107:14 117:9

Class 6:15

classification 35:24

clear 45:7 57:24 63:2 100:23 110:21



112:13
clearance 104:19
cleared 84:14
clearer 62:22
Cleary 4:8,20,21 5:5,11,15,19,24 6:2,7,12,16,21 7:2,5,7,11,19,25 8:8, 11,18,23 9:2,5 11:19,21,24 13:5,9 14:3 16:10,18 18:11,15,22,24 19:24 25:3,16,24 26:9,16 27:13,22 28:1 29:23 30:13,15,18 31:20 32:2,15 33:3,19 34:1,8,17 35:5 37:4 40:18 41:5 42:25 45:4,13,17,19,21 46:1,8, 12 49:3 51:20 52:3,8 53:19,22 54:2, 6,17 55:23 56:9,25 57:4,9 58:10 60:10,18,21 61:14,22 62:5,13 63:16 64:5,24 65:16,23 67:1,12 68:17 70:3 71:1,10,19 76:3 78:2 79:15 82:7 84:20 85:20 87:17 88:21 92:24 93:23 94:3 95:25 96:6 97:3,12,20 98:7 99:2,16 100:2,16 101:2 103:22 109:11,16 110:12,16,18,21 111:7,23 112:16,20,22 113:24 114:5,14 115:5 116:23 117:3,12
click 90:23
close 31:24 43:7 66:13 101:19
closed 72:6 85:6
CMS 19:22,25 20:5 21:6,14,21 22:10 24:2 27:17 28:18 103:12
co-chair 46:23
co-executive 21:5
code 5:3,21 7:13,15 19:6,7,10 40:5, 7,10 42:9,10 66:16 67:6,8 68:2,10 87:5,6 98:18 99:14 100:11 102:13 103:24 104:8,13 106:5,14 107:11, 14,24 108:14
coded-option 30:17,21
codes 7:14 40:20 49:11 66:4 69:23 104:2 107:15
codified 40:21 67:3,15
coinciding 36:19
colorful 9:4
combination 10:13
comfortable 61:19 87:10
comment 4:11 32:6 80:3
comments 7:17,21,23 39:22
commercial 4:23 52:10 75:9 89:3 94:5 96:4 108:17,19 114:3,23 115:1, 9,10
commitment 39:14
committee 4:10 5:9 7:15 26:4 27:16,23 34:3,10 42:21 43:3,18 46:2 47:3 48:12,14 50:11 53:12,17 61:4, 24 72:19 75:5 81:20 82:3 83:8 100:18
committee's 43:8
committees 5:4,23 6:11 65:2 70:21
commonly 102:4
commonplace 52:13
communicate 24:7 92:10
communicating 24:8
communication 21:22 24:17 87:4
companies 41:22 54:25 59:9 95:17
company 27:1 41:17 83:19 85:3 104:5
compiled 64:13,20
complaint 81:4 106:4
completed 9:8,9 10:4 44:25 57:22 58:5 60:13,15
completely 53:17 120:15,20
completion 116:14
complex 20:20
compliant 51:4 52:12 59:1,11,12
comply 69:20
component 44:12
concentrate 17:10
concern 62:9
concerns 41:4 63:7,8 81:21 82:9 85:22 86:2,22
concise 106:16 112:13
concluded 21:20
conclusion 39:2
condense 39:1
conducted 22:7
confident 27:7
confidential 24:4
conflict 25:17 82:23
conflicting 48:9
confusion 93:13 96:9
connecting 87:8
conscience 69:11
consequences 73:6
consistency 44:1,5 49:8 74:1,8
consistent 44:18
constantly 108:16
construction 19:4 99:13 116:2,5
consultant 6:24
consumer 49:14
contact 11:16 92:21
contacted 43:21
contends 100:9
continue 21:6 24:16 31:14 55:18
Continued 62:1
continues 21:13
continuing 35:20 38:20
contract 21:17,19 22:15 101:16
contracting 20:16
contractor 25:18 89:18,23 90:16 96:14 101:17 105:23 116:3
contractors 5:14 6:4,6 63:3 91:12 97:5,18 116:12
contracts 24:6
control 41:20 93:11 115:16
controller 93:15,18,19 94:6
controls 26:18 27:6
convenience 106:11,13 107:9
conversation 62:3 78:12 88:19
conversations 22:22 53:3 56:21 60:5 72:11 99:18
conveyance 5:22 7:8 14:1 47:8,12, 14,21 91:24 92:1,3 93:12 108:12 111:25



conveyances 4:23,24 13:21 46:10,
14 47:4,6 49:1,11 50:14

coordinate 28:13

copy 102:24 103:4 115:24

correct 13:12 36:23 54:14 60:19
63:21,25 65:12 67:4,15 68:21,22
78:2 96:5 109:14,15 110:4,6 111:6
113:8 114:5

corrected 102:16 108:5 113:7

corrections 62:23 70:1 98:20
104:10 107:2,4,11 109:9

correctly 40:7 59:15

correspondence 91:7

costs 69:6

countdown 71:6

country 75:16

county 12:17

couple 4:8 5:23 6:10 16:22 17:9
23:22 58:5 60:14 84:4 85:14 97:23
120:23

courses 36:11,12

Court 4:3

cover 90:17 105:12

coverage 54:24 55:17

covered 39:24 67:21 90:11

covering 90:25

covers 102:11

COVID 85:6

CPHS 37:14

CR101 32:23

CR102 32:23

cracks 74:12 94:14

crane 41:22

cranes 37:15

cranium 73:1

crazy 84:13

create 40:8

creates 96:8

creating 63:21

creds 58:12

crew 106:21 107:4

critical 80:25

cross 37:11 65:5

crosstalk 40:16

cubicle 56:2

curious 56:15

current 29:18,21 41:1

curriculum 35:3,7,13 41:14

Curry 28:9,10 30:6,14,16,20 31:23
32:7,21 34:7,16

customer 11:22 110:25

customers 77:8

cut 106:5

D

daily 12:15,17 13:12

Dan 116:24

dangerous 75:16

dark 86:5 119:6

data 72:25

date 29:20 57:19 90:20 96:14 98:16
99:4

Dave 15:15 16:5

Davis 7:5

day 81:11 103:8,17,21 111:16 112:7
114:18

day's 13:18

daylighted 82:21

days 103:17 114:18

deal 12:16 26:18

dealers 73:16 77:5

dealing 41:2 102:17

decal 91:3

decals 91:19

decide 56:20

decision 23:15,24 67:7

decision-making 43:24

define 48:3

defined 57:16

definitions 48:7

delay 23:14 28:17

delayed 28:24

deliver 22:21

delivered 30:2

demarcation 67:20 81:6 88:25
89:17 92:16 93:2,16 94:10 95:23,25

demo 22:11,12

demonstrated 10:1

demos 22:23

department 16:21 17:11 18:8,9
25:4 83:17 97:14 99:12

depending 103:19 105:17

depends 119:25

deposition 76:18

design 59:11

designate 118:24

designed 119:23

designers 44:4 59:9

desire 48:2

detector 84:10

determine 29:1

develop 41:13,14 44:2

developed 25:18

development 45:2

device 100:9,13

dialogue 84:14

die 81:11

difference 11:8 67:12 114:22

difficult 35:17 110:8

diligence 104:11

Dillon's 58:11



direction 27:4 47:6 65:3 70:10 92:7
directive 44:11
directly 92:10
director 6:3
disappear 66:6
disapprove 57:25
disclosure 51:8
disconnect 89:16,19,22 90:18 92:3
93:7,21 97:9
disconnects 90:13 91:9 95:14
discovery 91:6
discretion 107:2
discuss 18:25 38:4 66:15 98:5
100:14 101:5
discussed 32:4 49:23 70:7 74:2
82:10 94:20
discussing 86:16 95:24
discussion 19:20 36:15 39:19
72:20 98:4 100:19 113:20 115:7
discussions 86:13 93:25 98:9
dispatch 107:4
disseminated 103:10,15
distributed 36:24
dividends 72:16
division 21:8,10 25:14 28:11,14
divisional 14:18,21 18:24
document 45:3 48:14
documentation 44:3 45:1 100:14
Don 15:19
door 42:23 43:1,15 44:9 72:6,8,22,
24 73:3 104:18
doors 43:17,22 69:7 72:4 74:15
105:3
doubt 91:8
downstream 89:19
draft 31:6,8,17 58:3 60:12 61:16
100:7
drags 105:17

drastically 33:17 95:3
drink 52:15
drive 69:17
drop 10:18
drop-dead 99:4
Duane 6:8,9
due 104:11 111:2 114:16

Duke 7:5
dumbwaiters 75:18
dump 64:15
duration 44:12
dusty 27:17

E

earlier 16:8 30:21 45:5 73:12 89:1
99:4
early 26:3 33:11 71:11 99:15
easier 81:9
east 119:5
east-side/west-side 119:4
easy 50:22 108:25
Ed 7:3
edge 10:18 55:22 72:7,22 84:10
edited 32:5
edition 19:7
education 35:3,7,20 36:10,19,25
38:20 67:17 87:1
effect 29:19
effective 106:10
efforts 69:25 76:1
Eggers 116:24 117:1,4,25 120:15
EL01 91:25
electrical 89:5,23 90:10,14,16,20,
23 91:15,18,21 92:9,13 93:8,9,13
95:1,17 96:11,13 97:1,14,18
electrical's 94:16
electrician 93:8 95:9

electricians 91:25 93:17 97:18
electronically 101:25
element 44:9
elevator 5:2,8 6:5,15 10:2 11:2
12:22 28:12,15 30:8,11 31:12 40:2
44:9 47:16 50:8 55:2 73:5 81:10
83:19 85:3 86:20 89:18 91:10 93:15,
18,19,21 94:11 117:8 118:20
elevator's 50:17 72:5 76:7
elevators 10:9,22 52:10,13 72:13
73:10,20 75:23 86:16,25 115:2
117:20 119:14,22
email 111:20 115:25
emailing 113:21
emails 54:18
emergencies 20:15
emergency 38:25 117:6
emphasis 42:11 101:24
enclosed 105:4
enclosure 104:17
encompasses 63:6
encourage 10:22 11:14 31:13 91:11
encouraged 27:20 50:21 103:7
end 20:25 22:12 23:6 53:23 66:10,24
86:12 103:8 115:23
end-load 34:19
endorsements 37:10 39:6
enforce 97:16
engage 87:24
engaged 13:19
engineering 5:17 99:12
engineers 5:18 59:8,10
enjoy 18:7
ensure 44:4 52:22
ensuring 103:24
entered 103:17
entire 118:13
environment 22:8



equally 68:24
equipment 41:11 57:13,20 58:1
59:1,6 60:1 69:9 90:8 91:10,23,24
93:5,10 104:3 119:11
equity 33:23
ERIKSEN 8:24 19:14 36:6 64:6
77:25 78:23 79:1 88:17 103:16
Erlich 24:11 54:16,24 56:1,18 57:3
ESAC 4:6 14:11 21:22,25 33:7 35:1
45:2 46:2 53:12 58:6 60:5,8,16
68:18 79:10 84:21
escalator 10:5,17 11:2 35:22
escalators 9:24 10:9,10,22 11:12
established 30:24
etiquette 11:3
evaluated 22:4
eventually 66:11 120:19
everybody's 37:18 39:14 42:4,14
68:7,23 76:20 92:14 112:25
everything's 52:11
examples 29:13 55:21
exception 117:21
excited 21:16 22:24
excuse 93:8
executive 21:6 22:13 25:7 26:7
exemption 4:22 47:4 49:25
exist 67:2
existing 66:17 73:10,23 76:14 77:8
expanded 90:12
expanding 48:10
expect 53:22 103:18
expectation 108:15
expectations 57:24
expected 17:7
expense 108:10
experts 65:8
explained 94:13
explaining 77:9

explanation 92:20
expound 116:25
expressed 45:4
extensive 58:16
external 27:1
externally 94:23
extinguisher 115:17
extremely 37:20 39:22 41:18 43:4
49:12 54:21 76:16 77:18
Exxel 5:14

F

face 16:17
faced 91:17
fact 47:24 52:2 108:22
factory 44:20
Fairbanks 120:5
fairly 14:23
fairness 33:23
fall 94:14
fallen 74:11
falls 93:8
familiar 20:19 22:1
family 10:25
fantastic 6:12 36:13 61:2,22
fastened 44:14
favor 8:9 45:13,23 50:15
federal 73:15
feds 56:10 77:3
fee 23:15 28:16,23 29:2,5,22
feedback 7:23 40:22 53:10 78:16
79:16 85:21 86:20
feeder 96:1
feeders 94:21
feel 27:7 40:2 47:17 48:11 54:23
61:19 87:10
feeling 40:13

fees 29:18,21
feet 10:16 11:6
felt 10:11
field 9:18 15:6,16,19,22 16:23,24
28:10 41:3 58:18,20 59:3,15 62:17
91:12 96:9 97:19 104:14 106:20
figure 95:16 103:17 104:1 110:9
111:11
file 28:22
fill 64:23
filled 16:3
filter 14:2
final 28:21,22 43:3 48:14 53:17
105:20,23 114:16
finalized 23:5 61:16 102:20
finalizing 23:4,23
finally 68:5
finals 69:18
financially 109:7,10
find 18:18 57:16 87:22 101:9 105:22
finding 69:16
findings 43:25 44:2 103:20
finish 17:17 105:11
finite 14:6
fire 42:23 43:1,15,17,22 44:12
115:17
fire-door 44:20
fiscal 9:15,16 10:1
fit 72:20 73:1
five- 71:2
fix 113:14,22
fixed 101:19
flipped 48:22
floor 55:25 115:18
Florida 46:17 55:1 72:1
Florida's 55:20
flow 84:19 85:15
flowed 26:23



fluid 106:21 107:8	120:6	goal 13:9 16:2 31:23 48:18 60:4,20 69:6,8 81:10
flushing 90:9	full-load 119:16	goals 12:9,18
fly 26:12	fully 117:7 118:2,8,16,17 120:22,25	good 5:11,13 6:18,23 9:14 12:4 14:3,5,14 15:21 16:8 18:7 20:3 23:10 25:20 26:11 28:9 29:23,25 30:3 34:18,20 35:10 37:13 39:7 40:21 41:24 45:5 46:25 49:17 50:24 51:10 54:9,17,21 59:20 61:14 62:14 65:18 69:10 71:12 72:17 74:3 75:22 76:25 78:4 80:3,4,18 81:17 82:18 86:4 87:18 88:2 94:1 95:16 99:2 108:21 111:4 112:11
foam 105:13	future 23:3	Gould 5:20,21 43:19 98:15 99:9,22, 25
focused 108:18		Govdelivery 31:10
focusing 60:6	<hr/> G <hr/>	government 17:6 73:15
fodder 66:9	gained 9:16	governor 55:24 56:3,18,19
follow 11:3 70:20 91:13	game 76:14	governors 56:11
follow-up 107:5	games 75:16	grab 65:1
font 95:7	gap 9:13	grabs 87:15
forever 49:16	Garaventa 73:14	grade 56:4,21
form 32:5 57:21,23 58:1 67:25 101:12 102:7,11,20 103:3	Garcia 4:2	grain 12:2
formal 55:19 57:20 103:3	Garry 5:12,13 45:20,21 46:24 48:5 49:22 50:23 51:21 57:5 75:7 76:25 86:8,10	grandfather 78:21
formalized 61:19	gasket 44:19	grandkids 11:1,5
formally 60:16	gasketing 43:17,23 44:6	granted 52:10
format 32:19 33:7 37:7,21 41:25 78:8	gate 72:8,24	graphically 9:25
formats 32:11	gave 90:22 91:24	gray 65:4 103:23
forms 102:4	general 5:14 6:4 47:9,18 116:3	great 9:6 15:4,20 16:6,16 19:8 25:24 27:14 36:14 46:4 58:9 64:11 74:9 86:15 87:16 96:18 98:1,2 115:7 116:15
forum 85:13 100:6,13	generator 117:8,17 118:9 119:15	green 89:10 90:3 91:3 95:4,5 96:18, 19 114:11
forums 84:4	generator's 118:16	grid 119:3
forward 17:19 27:18 28:5 30:22 32:19 36:22 46:5 51:1,19 60:9 62:10 64:4 74:5,23 116:16,22	generators 117:15 119:8	grids 119:2
forwarded 45:2	gentleman 100:24	group 21:25 25:8 26:20 62:7 63:17, 22 64:1 73:12 99:13
found 67:10 89:4 91:6 106:6 117:11	Gerald 5:6,7 8:18,23,24 11:19 16:14 17:19 18:24 19:15 33:4 48:25 53:3,4 54:2 56:16 63:24 65:11 70:3 74:2 76:21 80:14 86:14 89:25 90:5 93:4 94:9 95:20 97:3 99:16,22 100:18 101:22 110:6 115:4,5 117:12	guards 73:22 77:11
frame 30:3 44:21	Gerald's 55:5 93:1	
frames 43:23 103:11	get all 17:4 65:8 70:21	
free-of-charge 73:22	give 15:16 20:4 28:14 29:9 30:4 36:3 43:12 46:21 64:16 73:22 78:7 79:23 80:14 84:21 86:25 106:15 115:25 116:15	
Friday 21:18	giving 24:23	
front 53:6 59:7 74:14 80:4 94:11,15 95:2 99:14 104:13 117:5	Glenn 43:20	
fruit 113:6 114:21	global 69:19	
fruition 51:1 77:1		
frustrated 94:16		
Fryinger 7:3		
full 13:18 17:18 117:14 119:15,22		



guess 47:2 64:2 80:17
guidance 95:16
gutter 50:13
guy 10:15 91:3 107:23 116:8
guys 14:4,13 20:14 25:16 41:2 59:8
60:2 79:4,11 81:8 94:14 95:2 102:7,
22,25 108:11 109:12 111:3 116:6,18

H

hand 15:16 26:6 106:15 110:24,25
115:11,24 116:9
handed 54:4
handle 68:20 117:17,18
handled 68:19 73:20
handrail 11:6 62:3,19 68:4
handrails 62:6,24 68:8,11,16
hands-on 22:8,11
handwrite 115:24
handwritten 95:8
happen 11:1 52:19 69:7 76:12 80:4
106:5,7 118:10 119:17
happened 85:6
happening 23:3 40:20 73:2 88:24
happy 11:22 92:17,23
hard 13:11 26:14 32:17 42:19 58:18
68:23
harmony 98:24
hazards 10:21
hear 4:14 8:2,25 34:13 54:17,19
78:14,25 79:5 87:17 88:2 117:2
heard 79:12 97:9
hearing 81:17,23 84:1,20 85:17
heavy 37:17 42:11,15 46:13 54:4
helpful 14:11,13 18:16,20 27:13,15
34:2 36:2 37:20,23 39:22 40:23
41:18 42:3 57:1 59:19 83:4 87:14
94:8 109:11,19
helping 15:1,12 16:6 41:12 58:12
Henderson 5:1 8:7 40:24 51:13,14

62:12,15 63:18 65:15 81:14 92:25
93:24
hey 11:5 51:22 104:14 106:4 107:23
116:6
high 112:20,22
higher 55:25
highlights 48:15
hip 106:3
hires 17:21
history 40:15,19 41:3
hit 41:3 120:21
hoist 19:4
hoistway 43:18 105:3,4,16 116:7
hold 11:6
holds 114:18
hole 64:21,23
home 11:15 47:4,11 48:4 73:12 97:1
homeowner 48:3,21 74:13
homeowners 73:21 74:8
homes 48:18 52:14
hook 50:18
hope 13:1 18:8 58:4 60:16
hoping 31:7
hour 79:8 87:21
hours 36:23 112:8
house 47:17,20,21,23 48:1,21 90:18
housekeeping 32:10 33:15
houses 47:19
Howerton 7:7,8
huge 47:10 69:5 92:5 114:22
hurdles 26:1 32:3,8,12
hurt 49:5,18
hybrid 102:1

I

i.e. 12:1 50:2 68:18

idea 39:6 53:14 84:25 87:16 94:1
97:7
identified 57:19,24 116:4
identifies 57:22
identify 33:14 57:16 108:6
imagine 55:11
immediately 107:12
impact 48:16 69:3,5 80:17 96:6
implement 99:5
implementation 29:4
implemented 29:25 53:23 70:14
73:13 109:17
implying 118:7
importance 51:17
important 10:8 11:2 18:13 28:3
38:10 42:12 49:3,4 51:18 53:7
54:10,11,22 71:20 73:25 74:6,11,20
76:5,16 77:13,18 87:22,23 88:1
92:17 102:18 112:3 114:14 115:8
impossible 39:13
impression 91:25
impromptu 16:19
in-house 20:17
inch 72:23
inches 72:8,23
incidences 11:11
Inclinators 73:14
include 20:21 21:8 24:20 65:21
includes 28:12
including 63:6
increase 14:13 15:7 23:15 28:16,23
29:2,5,8,15,17,22
incredible 75:12
independently 59:25
individually 118:14
industry 41:16 50:11 84:15 99:11
infinite 21:4
information 13:25 21:25 48:9 57:23
59:13 64:13 67:20 69:12 70:22 72:3



73:21 91:16 95:22 96:14,22,23
97:17 99:24 102:19 103:9 106:15

informational 90:21

informative 43:5

inherited 96:25

initiate 45:2

initiated 62:19 63:12

injured 46:16 49:18 75:14

injury 71:25

input 14:11 19:5 41:14 42:4 61:6,23
70:6 80:24 83:13 100:2

inputted 103:20

inside 119:16

insight 36:15

insisted 120:4

inspect 9:17 49:1 57:25

inspected 12:20 47:21,25 48:19,21,
22 50:3 75:24 96:12,20

inspecting 108:12

inspection 12:7,10,12,16 13:14,16,
19 48:1 50:13 51:7,25 67:24 74:14
76:8 86:17 89:5,15 90:8,11,20,21
91:9,19 92:2 95:11 96:15,16 101:6,
11 102:3 103:5,6 105:11,20,24
107:5,11 108:2 114:16 115:18,22
116:1,9

inspection's 95:5

inspections 9:7,9,13 11:25 12:3,9,
13 13:3,22,24 19:3 50:12 67:23
74:10,12,19 89:6,12 91:2,11,15
92:13 94:20 96:1 97:6 106:10

inspector 5:8 13:18 15:20 16:23
91:22 104:11 107:2 108:16 109:2

inspector's 93:9 102:17

inspectors 9:15,16 12:15,22 14:5
15:2,16 18:4,9 22:9 44:4 58:19
59:15 60:23 63:4 67:25 74:3 86:18
88:2 90:2 91:7 92:6,9 93:25 101:8
103:7 109:18 118:2

installation 44:22 72:13 101:20

installations 73:11

installed 44:20 47:25 49:19 69:14

75:23

installers 44:4

installers/dealers 73:24

instance 118:11

instantly 119:14

instructions 44:22

instrumental 91:22

integrate 26:1 39:9

integrated 65:11

integrates 88:9

integration 27:9

intended 66:3

intensive 62:25

intent 51:24,25 64:9

intention 52:5

interest 64:17 68:3

interested 64:12

interesting 12:22 26:3 50:20

internal 21:3 30:7 67:22 68:18
70:12

internalize 41:20

internally 25:19 79:25 94:24

interpretation 68:16

interpretations 66:19

interpreted 69:18

interpretive 33:15 66:8,22 68:6,14
69:23

interruption 8:20

interviewed 22:5

introduce 16:12,16

introduced 37:10

Introduction 4:6

introductions 4:18,21

investigated 10:2,5

investigations 10:4 21:3

invited 56:22

invites 61:9

involve 108:23

involved 17:13 25:3,6 75:6 96:9
102:21

involvement 81:15

involving 11:11

issue 69:23

issued 22:3

issues 50:22 51:17 81:17 82:4
104:22 105:5

item 51:18

items 81:24 102:15 104:9 106:13,22
107:6 108:5

J

Jan 5:20,21 43:19 98:14 99:4

Jason 7:7,8

jeopardy 119:22

Jim 6:13,14 16:5 46:12,21,23 49:22
50:10,23 51:23 53:11 57:5 58:22
75:6 76:25 83:8

Jim's 37:22 74:20

job 12:23 13:15 14:5,14 15:4,20 16:6
19:8 35:10 44:21 45:5 46:4 50:24
54:21 56:4 58:9,11 59:20 75:22
76:25 80:18 81:19 82:1 85:12 106:3,
5,18 108:21 109:1 117:22,23

jobs 12:24 15:10 105:6 114:3

jobsite 117:7 118:7

Joel 23:14,23

Joel's 21:9

John 6:17,18 54:12 57:10,13

jot 25:22

journey 23:8

judicious 104:4

judiciously 68:20

juggling 80:11

July 9:17 28:22 98:17

jumping 79:14



June 10:7

jurisdictions 92:12

K

keeping 34:14 106:18 109:21

kibitized 38:17 72:15

kids 11:1,5

killed 49:5

Kime 6:2,3

kind 14:9 16:13 17:13,21 18:17 22:2
26:12 29:9 32:10,21 33:21 34:18
35:9 37:1 38:17,18 44:15 49:24
59:16 61:10 62:6 67:14 68:25 71:3
72:1 73:18 74:23 78:19 79:21 80:20
84:12,24 86:25 87:5,10 88:5,8,9,14,
22 89:8 93:14 94:24,25 99:4 101:7
102:1 103:25 105:14 107:7 109:18
110:1 112:14 119:2 120:21,24

kinds 84:12

knew 96:19 116:5,8

knowledge 38:23 49:13 51:6

L

L&i 20:16,21 21:17 44:2 45:2 55:9
81:10 97:15

label 90:17 105:8

lack 18:2

Lackey 24:13

land 93:18 94:5,6

language 32:24 48:24 62:22 63:1,
15 99:10

larger 10:13 41:22 74:16

late 4:8

latest 98:17,25 99:5

Lau 14:25 16:19,20 18:14,21 61:8
83:16 84:23 109:15,20 110:13,17,19
111:6,9 112:15,17,21,23 114:3,6,25

lay 115:18

layers 35:12 38:14

lead 62:7 63:17 64:15 93:13,24 95:2

leaders 53:2

leading 55:22

lean 35:9

leaning 42:9

learn 9:20 79:5

learned 43:22 79:13

leave 38:6 43:23 78:13 101:25 103:3
110:19 111:14 113:11,13,15 114:4,
7,12

leaves 47:10

leaving 110:3

left 16:21,22,24 102:6 105:7,10
111:19 113:10,21 114:11

legal 33:21,25

legally 69:2

legislation 28:14 30:8,12

legislative 28:2,7 30:4,6 70:16,17,
24

lemons 69:16

Leopard 6:8,9

Lerch 6:24

lesson 41:3

letter 56:19 63:1

letters 56:11 77:8

letting 20:3 31:10

level 55:4

leverage 81:1

license 36:25 38:3,12 49:25

licensed 5:2 6:5 47:16

licenses 36:14

licensing 35:3,7 36:9 37:14 47:5

licensure 4:22

lift 37:17 42:15 46:13 58:15

lifts 19:6 99:1

lighter 58:14

lighting 105:4 115:15

likes 84:25 113:25

limit 109:8

limited 44:16 120:14

link 90:23 91:13

list 24:21 90:19 104:8 106:3,17
108:5 112:20,22,23,24 113:2

listed 44:8 67:21 104:22

listened 76:22

listening 17:22

listing 44:19

lists 43:22 102:14 112:18

live 66:5 103:19

lives 48:4

living 47:12

load 89:19 117:7,14 118:3,8,17
119:10,15 120:22

loaded 118:16

loading 117:20

loads 117:17

lobby 120:18

local 43:24

locally 77:15

located 47:8 108:12

location 106:21 119:25

lock-and-block 100:9

locking 100:12

long 18:1 20:23 27:17

longer 17:6,7,12 22:18,19 23:1,11
28:19 29:20

looked 52:11

loop 57:1

loophole 47:10

lose 38:6,11 49:24

lost 21:2

lot 14:4,12 17:6,15 18:3,7 21:7,13
22:22 25:1,14,15 27:6 32:8,11,16,17
34:11,19 35:11,17 36:7,14 37:16
38:13,14,15,17 39:1,12 50:16 52:8,
12 59:9 60:24 69:4 72:10,11,20
80:7,10,12,15,17 81:17 82:24,25



83:18,19 84:19 85:2 86:19,20 87:8
88:4,13 89:6 92:8 96:21 98:20
102:25 107:1,13 109:21,23 112:23
116:7

lots 9:19,20 11:10,12 92:5,6 105:22

Louie 52:15

love 78:24

loved 52:14

low-hanging 113:6 114:21

lucky 20:22

luggage 10:13,14,23

Lyll 45:22

M

machine 86:16,25 93:7

machine- 115:15

made 14:23 22:20 23:14,24 36:19
69:15,25 80:3 83:1 98:20

Madherla 20:14

mail 103:18

mailed 103:16

mailing 103:14

main 76:4

maintain 96:10

maintained 47:22 50:2 52:11

maintenance 38:9 47:5,16

major 33:15 84:11

majority 32:9

make 11:8 21:24 22:23 33:22 36:23
37:8,24 38:19 40:6,12 41:18 42:7
44:10 48:6 52:5,21 59:13,14 63:2
64:12 66:20,23 67:5,7 68:2,24 69:7,
8 70:23 73:23 74:7,15,21 75:20
77:12 79:11 81:8,9 89:14 101:17
104:2 106:7 107:21 109:23 114:21
117:17

maker 90:17

makes 26:20 35:21 38:19,20 52:8
58:18 59:4 89:15

making 26:2,24 27:3,19 30:22,23

33:1 36:18,20,25 37:2,23 40:13 41:7
48:15 55:8 56:5,7 59:2 63:7 98:19
103:24 104:14 109:9

management 24:13 26:19,22 28:10

manager 7:9 14:25 15:1 17:2 20:13,
18,22 24:14,15 25:11 109:4

managerial 7:14

managers 6:20 7:1

Mandi 6:2,3

manipulate 39:5

Manlift 7:15

manner 81:3

manual 109:14,22

manufacturer 44:21 69:18 105:8

manufacturers 55:7 57:17 73:21,
23 77:3

manufacturing 65:1

market 37:9

married 20:19

massage 39:5

massaged 33:10

match 23:15

material 19:4,6 44:23

materials 43:17,23 44:7

matrix 14:9

matter 73:17

Matthew 21:22 24:11 54:14,15
71:23

May's 7:22

Mclaughlin 80:3 83:7

meaning 23:18 29:20 102:14

means 17:11 23:21 60:18 72:5,21
100:10

meantime 68:12

mechanic 5:3 47:16 115:12 116:12

mechanical 100:8,12

mechanically 44:14

mechanics 6:15 40:9 62:17 67:22
86:21 93:18 103:1

mechanism 70:5 94:24

medal 111:24 114:1

meet 14:5 20:5 27:14 31:3 35:25
39:11 42:19 47:14 56:14 73:16
74:18 77:10,12 104:17 105:21 107:8

meeting 7:17,22 12:7,9 13:2 21:22
24:12 26:13 39:12,15 56:24 61:18,
20 66:14 79:22 87:13 92:23 98:1
99:11

meetings 22:23 61:10 70:8 92:18

meets 41:25

Melissa 14:16 19:13,14 35:10 36:3
37:18 39:20,24 42:5 63:24 64:5 71:5
75:1,19 77:21 78:22 79:18 91:14
103:11,14

member 7:15 43:3

members 10:25 20:10 27:23 34:3
42:21 43:7 46:24

mention 75:17

mentioned 28:17 29:3 31:5 75:23
84:24 99:3

message 29:16 31:9,18

messenger 54:7

met 20:14 35:25 112:11

met all 112:5

metal 111:25

method 25:16 44:13,16 100:10

Michael 101:1,2,3

Microsoft 118:4

Mike 100:4

milestone 22:25

mind 108:9 117:22

mine 81:10

minor 81:24 107:6

minute 112:24

minutes 4:8 7:17,22 8:6 70:9 71:6

minutia 34:11

misrepresentation 69:15

missing 17:23,24 105:6



mixed 101:7
mod 84:11
modernization 12:8
Mohan 20:14
money 59:10
month 36:1 46:17 53:16 89:5
months 12:10 23:13 27:11 84:5
85:14
morning 5:13 6:18,23 20:3 26:11
28:9 103:9
morphed 110:4
Morrow 41:23
mounted 115:17
mouth 85:10
mouthpiece 82:8
move 8:12 19:24 30:4 35:5 42:25
51:19 57:10 60:9 62:5 71:4 77:20
101:14 112:6 116:21
moved 21:2
movement 76:17 100:10
moving 13:4 17:19 18:6 28:4 30:21
36:22 38:13 92:8 109:2 117:16
MRL 93:4,10,20
muted 8:24 62:11 65:13,16 115:5
mystery 96:21

N

NAIPO 39:23
names 24:22 64:20 75:18
narrowing 9:13
nation 55:19
nationwide 49:7 52:24 54:13 71:21
NEC 42:12
needed 17:5 19:20 58:25 97:10
needing 79:12
negotiated 94:10
negotiation 22:15 49:14

negotiations 21:19 22:15
NEIEP's 37:21
news 29:24 30:3
newsletter 94:19
nice 14:8 26:11,13 34:13 58:11 65:8
89:8 106:11,12 113:24 114:19
Nicole 20:18 25:10,21
night 86:5
non-annual 13:23
non-annuals 102:12
non-in-person 109:9
noncompliant 76:10
nondisclosures 24:6
normal 41:9 79:9
Norris 6:13,14 46:13,23 53:15,21
note 100:15
noted 106:1
notes 104:14 113:3
nothing's 33:16,17
notice 56:12
noticed 61:9,10
notified 91:5
November 42:18 53:20 60:19 84:21
99:15
NRTLs 58:24
number 9:7 13:22,23 32:11 44:7
90:20 92:2 96:15
numbers 11:9 12:12

O

objections 8:5
obligates 51:6
obligation 52:23 85:25 97:8
obligations 50:9 51:3,5,10 101:16
112:5,11
obstacles 27:3
occasion 118:1

occur 10:7
OCIO 26:19
October 73:9
offer 79:7
offered 79:13
offering 63:18
office 21:3 29:1 85:6 102:8 111:16
116:10
offices 83:20
officially 26:13
offline 99:17
OII 21:2
onboard 17:21 20:22
onboarding 15:6 16:7 23:6
one's 74:19 109:21
one-time 23:21
ongoing 37:2 40:4
onion 38:14
online 31:7,9,11,12
open 10:17 47:18,19 69:7 78:11,15
84:3,5,14 85:13 88:22 100:19
opening 43:18 85:13
openings 12:21
operability 118:22,23
operate 52:17 112:4
operating 114:4
operational 17:10
operations 14:25 15:1 17:2 50:4
109:4
opinion 116:20
opportunities 9:20
opportunity 10:24
opposed 23:21
ops 109:14,22
order 32:4 44:1 47:24 66:15 79:12
ordering 114:12
Oregon 111:24



organizations 55:6,13
original 74:12 110:2
originally 28:19 39:8
OTCS 66:13
Otis 73:12
outlier 41:7
Outstanding 60:21
over-regulated 72:15
overhead 115:15
overlap 119:2
oversees 27:1
oversight 26:20 27:6 47:22
overview 36:4 43:12
owner 47:6,7,22 104:5
owners 6:19,25 50:17,19 51:3 69:4
76:6,13,14
ownership 76:7

P

Pacific 5:14
packaged 44:22
packed 11:11
paid 72:16 80:6
painful 109:7,10
panel 90:18
Paoa 33:4 35:10 36:4 39:20 63:25
paper 109:1 110:24 111:20 113:11,
12,13,15,16,18 115:11,21 116:9,11,
14
paperless 101:6
paperwork 58:24 59:2 101:8,11
106:12 110:3,19
parameters 37:12
part 19:10,12 25:8 33:24 34:9 44:10
48:1 49:13,14 50:7,14 67:6 81:19
104:10 105:9 109:2,3 111:10
participants 43:19
participate 56:22 78:18

participated 32:18 40:23 70:4
participates 27:2
participation 37:19 71:13
parts 17:22 32:22 38:13 67:8 92:8
pass 45:14 46:3 110:23 111:22
passed 95:11 111:1,5 112:1,10
115:13
passing 113:9 114:19
past 40:11 72:15 107:23 115:22
Patrick 5:25
pause 71:8
paused 60:6
pay 30:1 56:4,21
payment 111:2 114:16,18
people 4:14 9:23 10:8,12,22 11:9,
14,15 12:21 15:8 16:12 20:10 24:22
40:13 55:2 63:23 64:11,17 75:14,16,
17 76:6 77:14 78:17,23 82:2 87:8,13
98:2 102:9 108:20 110:11 111:14,15
113:11,12,14 114:11 116:17 119:16,
22
percent 23:22,25 28:25 29:10,11,12
percentage 9:10,11
Perfect 5:5 26:9 30:19 53:22
performed 47:6,16
performs 59:15
period 87:13 97:9
periods 86:12
permanent 114:8
permanently 115:17
permit 83:18,20 90:20 95:14 96:15
112:5
permit-intake 84:13
permits 84:6 85:3,4 88:7,9,12 95:18
97:5 98:21
permitted 75:24
permitting 19:3
perpetuity 66:5
person 36:1 47:23 87:11

personal 20:15
personnel 19:4 20:10 21:12
phase 20:6 21:16 24:4 59:25
phases 36:9
phone 87:4 96:12 104:16 115:25
phones 103:2
photos 104:20
picking 24:24
picture 111:20 113:21
pictures 103:1 106:7
piece 58:1 59:1 93:10 104:3 110:24
111:19 113:10,12,18 115:11,21
116:9,11,14
pieces 113:12,16
pinch 27:11
Pine 15:19
pinion 37:15
pinning 105:1
pipe 87:5
pit 72:7,22 115:15
pitch 50:7
place 11:10 25:17 26:18 27:7 29:18,
21 50:2 51:5 59:5 73:7 82:15,22
89:7 98:2 100:22 102:3 104:4
112:10
places 91:20
planning 119:19
plans 84:10
plate 60:24
platform 105:19
play 52:21
played 75:18
playing 73:2 75:16
PM 25:10
point 22:4,14 27:4 32:13 33:11,17
40:18 48:13 66:15 80:9 94:4
point-of-sale 50:12 51:7 74:10
pointed 115:14



points 19:20 27:11 93:6
pol- 65:24
policies 66:1,2,7 67:17,19,21,22
68:1 97:16
policy 37:1,7 42:2 65:11,19,21 66:8,
22 67:13,16,19 68:15,20 70:11
74:22 96:24
pop 81:25
portion 36:19,20 78:16 80:23
position 15:14,22 17:17 83:22
101:21 112:25
positions 16:3
possession 52:6
possibly 29:11
post 86:23 87:7 91:14 96:14
posted 12:24,25 31:7,8 86:14 87:12
89:8 93:4
potential 119:15,18
power 117:6 118:6 119:2,3,9
powerful 55:8,16
practice 10:9 11:9
pre-esac 97:25
pre-vetting 58:23
precise 45:7
prefer 4:15
present 69:12
presentation 78:7 84:22
presentations 79:24
press 46:18 54:19 71:24
pressure 77:3
pretty 22:24 27:7 32:18 33:13 34:7
46:24 48:10 49:12 70:15 73:25 88:4
previous 60:5
primary 120:12
print 113:12
printed 113:16
prior 52:1
priority 25:13

private 48:3
private-residence 47:5
problem 49:6 50:20 54:3 59:16 64:9
82:14 107:23 112:7
problematic 101:9,15 104:7
problems 75:25 81:17 95:15
procedures 50:1,4
proceedings 4:4 71:8
process 13:19 17:21 18:5 20:7
22:2,17 24:8 26:5 28:13,18 30:7,22,
24 31:1,4 32:25 34:11 57:17,20
58:1,4 59:5 60:11 62:9 63:21,25
70:12 77:10 82:15,22,24 83:18,20
84:7,13,19 89:7 91:1,13 92:11
102:3,10 104:4 107:11 108:22,23
112:9 115:14
processes 15:6 26:22 27:7 109:4
procurement 20:6 21:16 22:2,17
23:10 24:4,7 28:18
product 53:18 57:7 69:13,24 70:2,
14,24 108:19
products 44:7,19 57:18 58:4
program 5:22 7:9 14:18,21,24 15:3
24:15 25:9,12 30:9 40:2 55:2 56:5,
12,13 70:20 79:8 90:9,15 92:5,12
94:20 97:15 115:22
program's 31:12
programs 28:12 41:15,24 79:24
progress 28:20 30:23 33:2
project 19:22,25 20:5,9,13,17,22,25
21:5,7,10,15 24:9,14,18 25:11,15
26:15,24 28:18 29:3 80:16 117:8
118:1
project- 26:21
projects 16:7 20:21
promote 44:1
proper 26:21 47:24
properly 49:19 103:24
property 6:20
proponent 84:17
proposal 63:14

proposals 5:10 30:8,11
propose 63:13
proposed 25:18 33:13 100:7 110:14
protect 52:17
protection 43:18 49:15
protocols 26:22
prove 58:25
provide 109:1
provided 47:7
providing 96:22 100:10 107:22
proxy 45:22
public 19:5 28:11 32:6 47:9,18
78:10
public- 28:11
published 8:6 32:20
pull 69:14 93:17
pull-behind 10:13,14,23
pulled 10:19 53:5
pulling 10:15,23 95:18 97:5 119:15
punch 108:5
purpose 47:2 57:15 66:19,24 82:3
85:20
purview 93:9
push 51:24
pushing 50:16
put 10:16 14:16 18:12 23:11,12
25:16 38:5,11 43:25 48:13,24 49:24
50:1 51:15 56:9 63:14,18 64:11
70:22 71:5 72:17 73:4 77:11 82:15
90:15,16 96:23 106:8 107:16 111:25
113:2 119:22 120:19
puts 76:8 85:3 95:9
putting 31:15 39:17 56:11 63:5 64:7
91:3 101:19 120:12

Q

QA 27:1
qualifications 12:23



quarter 31:22 84:4 85:14

quarterly 79:22

question 13:1 25:21,22 30:18 33:3
61:12,14 62:9 68:17 75:13 86:20
91:8 97:13 110:2 112:13 116:24
117:5

questions 7:21 17:12,14 18:10 25:2
27:8,22 29:22 34:3,19 35:15,22
36:5,21 39:18 40:6,25 42:21 54:8
57:4 61:3,23 62:1,17 63:10 74:24
75:3 78:5 79:12 84:9,12 91:23 97:24
98:3,5,7,8 100:3 103:22

quick 68:17 76:17 104:14 106:8
108:25 113:13,22

quickly 16:3 31:4 68:21 70:11 76:2

R

RAC 5:9

rack 37:15

radically 33:6

rails 33:24 37:23

ran 115:23

rate 29:1

Rated 42:23

rationales 33:14

RCW 47:3,15 48:7,8,9,16 66:20

re- 17:20

reach 63:23 64:22 74:1 78:3 82:2

reached 90:22

reaches 68:2

reaching 74:8 78:5

readout 42:17 43:2

ready 53:12 60:11 111:1,2

real 17:12 83:21 84:17 106:7

realistic 42:20

realize 76:15 88:5

realized 115:6

realizes 88:14

Realtors 55:7

reason 22:18 62:15 74:9 80:5

reasonable 108:15

reasons 67:2

recall 73:19 120:16

recalls 54:25

receive 103:18

received 56:19 92:7 111:22

recent 14:23 47:1 90:7

recently 19:5 48:5 91:20

recognized 29:24

recommend 44:2,16 45:1 59:24
60:11

recommendation 43:4 48:14 58:3
60:7

recommendations 42:18 45:10

recommended 33:8

recommends 68:18

record 78:4,10 80:24,25

recorded 4:12 78:11

records 75:15

reemphasize 19:2

references 104:13 106:14

referring 117:23

refinement 109:3

reflects 37:8

regular 24:9,17

regularly 31:14

regulate 49:11 72:12

regulated 55:14 73:17

regulating 75:22

regulation 100:8

regulator 55:13

regulatory 5:9

reidentify 100:25

reinforce 93:1

reinforcing 40:24

Reinmuth 21:8 94:25

reinspect 106:23

reinspections 13:24 102:12

reinstated 14:24

reintroduce 24:19

Reiter-johnson 21:4 25:7 26:11,17
27:21

reiterate 64:24 82:7

reiterates 72:1

relate 15:9

related 51:17 115:20

release 46:18

released 70:25

releases 54:19 71:24

relevant 35:20 37:5 38:19 42:8

relied 44:3

rely 44:17

remain 29:18

remedied 92:4

remember 78:18 83:11

REMEMBERED 4:1

remote 106:21

renews 15:13

rent 49:23

rental 46:10 47:12 49:1 52:1 72:1

rentals 46:14 49:6 50:6 52:21

rents 50:5 52:6

repairs 38:9

replaced 62:24

report 8:12,14,16,19 14:2 30:10
102:4,15 103:5,6 104:12 106:4,16
107:9,16 108:2,4 116:1

reporter 4:3 8:21

reporting 12:18 104:24

reports 104:8,21,22 105:15 106:2
107:22

represent 4:22 6:5



representative 5:2 6:6,10,11,15,25
7:10

representatives 37:19

represented 36:13

representing 5:14,18 6:19

request 59:6 97:3

requests 30:8,12 61:6 120:22

require 73:16 118:12

required 57:22 59:7 72:17 73:9
74:16 106:16 118:15

requirement 49:7 72:4,21 74:4
76:15 87:3 90:1 97:8 117:10

requirements 13:14 22:21 35:13,
19 36:10 58:25 68:1 95:11 98:21
100:8,12 101:16 104:18,19 117:6
120:25

requires 117:14

requiring 90:16 118:2

research 62:19

residence 47:7 48:3 76:7

residential 4:23,24 49:11,24 72:5,
12 74:10 75:4,9 76:4 89:3,9,17 90:8,
19 95:17 96:3 101:10,15 106:20
108:17,18 114:15 115:10

residential 114:7

resides 47:7

residing 4:3

resolution 25:17 82:13,14,17

resources 14:7

respect 56:8

respond 56:20

response 6:1 7:4,6,24 45:25 54:1

responsibility 7:14 64:16

responsible 85:4

result 66:24

results 92:11 103:5 116:1

retire 9:15

revamped 19:8

revamping 17:20

review 8:16,19 10:14 33:25 53:13
58:6 60:8,15 61:21 68:10 70:14,19,
25 92:18 93:2 109:25 110:8 116:18,
21

reviewed 22:4,12 32:24 48:6 83:3
109:17

reviewing 10:3,6 62:21 95:22 97:25

reviews 109:9

revisit 100:7

revisiting 28:24,25

RFP 22:3,22

Ricky 4:25 5:1 40:22 51:12,13 62:10
64:14,25 81:13 82:10,12 91:20
92:21,24 100:17,20

Ricky's 62:7

rid 66:11

ride 10:20 11:1,2 52:9

riding 9:24

ripple 55:18

rise 10:8

risk 26:19

road 27:17

Robert's 8:4

rocky 17:3

rodent 50:12

room 93:7,11 115:16

room-less 86:16,25

round 66:16

Rudder 16:5 88:7

rule 32:8,10,12 40:5 49:16 62:23
63:1,3 66:18 98:22 103:18 105:21
106:16 117:21

rule-development 31:13

rule-making 28:13

rulemaking 23:17 28:20,21,23
30:21,25 32:22

rules 8:4 28:22 31:6,8,18 62:25 63:9
66:10 70:23

run 27:3,5 42:6 52:14 70:24 116:6,
13 117:14,15 118:16 119:12,23

120:4

running 16:4 47:13 71:12 98:4
119:7,19

Runyon 16:5

S

safe 52:22 75:21 112:4

safeguard 76:11

safety 6:3 10:9 11:3,9,14 25:9
28:11,12 44:1,5 51:17 55:4,14 63:7,
8 69:11

sale 47:18 48:4,19,23 52:1

sales 48:19 50:7

sandbox 22:7

sat 76:22

satisfies 100:11

sausage 82:25

Savaria 73:13

Scale 120:5

schedule 23:12 24:2 29:3,25 31:21
34:18 53:14 71:3,12

scheduled 9:8 13:22 28:22 29:19

scheduling 9:9

Schindler 100:5,9,24

scientific 72:25

scorecard 8:16,19 9:7

scoring 22:6

Scott 4:21 16:5 25:23 31:24 34:16
36:17 51:16,22 56:1,21 57:12 58:21
63:24 75:15 86:11 88:15 92:21 94:2

Scott's 88:17

screen 9:3 71:5

screened 22:4

screws 44:15

seasoned 108:16

Seattle 5:22 7:9 98:16,17 112:1

seconded 45:19

section 65:5 68:11 82:13

segment 71:14
selecting 120:11
selection 118:20
selector 118:21,25 119:13 120:10
sells 47:20
semis 120:6
send 70:13 73:21 100:20 107:3
116:6
sending 29:15 31:9,18 54:18
senior 6:24
sense 35:21 38:19,20,21 50:24 52:9
72:2 75:10,12 76:24 77:16,18
September 58:7 60:17 99:10
sequencing 120:18
serve 5:9 43:17 66:19
service 90:25 91:9 97:1 120:12,19
services 6:4 28:10 90:11
session 30:12 81:4
set 13:7 26:18 44:25 61:20 68:1
79:22 105:3
setups 120:17
seven-minute 71:2
severely 46:16 71:25
SHAEFER 20:1 25:6,20 26:6 27:25
share 19:16 20:9 21:17 23:19 31:2
51:16 91:16 102:5,24 103:15 107:12
shared 20:8 21:24 23:16,25 80:15
Shari 21:4,5 25:7 26:6
sharing 31:6
she'll 23:19
Shelli 24:13
ship-to-shore 37:15
shooting 106:3
short 90:10 94:18
show 13:15 49:18 107:24
showed 22:13
showing 39:15 91:20 104:21
shown 11:6
shows 9:12 72:25
shut 73:3
side 11:7 17:10 72:13 75:9 89:9,19
93:14 95:1 114:15,23,24 119:5,6
sides 89:2
sideways 27:5
signed 21:17 24:6
sill 72:7 73:4
similar 70:20
simple 113:7
simultaneously 119:20
single 96:23 120:23
sir 6:16,21 9:2,5 16:10 65:13
sit 5:3 7:12 70:23 110:8
site 12:23 44:21 67:18 90:23 101:18,
25 102:7,22,25 105:10 106:15
107:13 108:1 110:3 111:19 113:13,
15 119:14
sits 115:22
sitting 76:18 83:21
situation 118:5
situations 98:3 116:13
size 95:7
skin 76:14
smooth 32:18
smoothly 26:2 32:13
software-based 120:17
sold 77:4 119:11
solely 44:17
sooner 103:19
sort 14:8 24:18 40:4 51:8 55:17 56:7
93:7 114:20
sorts 55:16
Sound 6:19
sounds 39:7 116:14
Southcenter 36:2
space 55:3 73:10,22 77:11 93:11
115:16
Sparky 89:14
speak 60:13 90:5 97:14 98:15 102:5
113:3
SPEAKER 45:18 78:25
special 14:2
specialist 15:3,15,17,23 17:1 88:4
specialists 15:24 16:1,4 17:5 88:6
specific 29:7,14 41:10 47:3 117:22,
23
specifically 12:16 44:13
specificity 80:16
spectrums 63:6
speech 16:20
speed 9:19
spend 59:9 71:19
spent 32:16 38:14
spinal 71:25
split 23:22 29:6
Spokane 6:10
spoken 86:21 111:9
sponsor 21:5,6 25:7 26:7
sponsors 22:13
spot 18:12 23:10 56:10 76:9
spout 108:13
spreading 56:23
staff 9:18 18:1 22:10 80:14 107:17
stage 22:19
stages 22:2 28:21
stakeholder 77:23 78:1 79:3 80:23
81:15 92:18 98:8
stakeholder's 98:1
stakeholders 4:10 13:3 19:9 27:16
29:16 34:20 40:3 43:21 68:4,25 75:4
78:17 80:1,17 81:18,21 82:20 83:10,
11,14 85:21 86:2 87:18,24 88:19
92:22 95:17 98:9 100:3
stances 55:19



stand 73:3
standard 49:8 69:19
standardized 67:24 116:17
standards 7:13
standby 117:8
standing 105:17
standpoint 86:17
start 4:16 19:2 24:24 27:5 88:23
started 9:24
starting 11:15 52:24
state 4:2 5:3,8 7:12 17:6 30:1 33:8
38:4,16,23 41:15 42:2 43:10 45:15
46:3 49:17 51:3 53:23 55:12 57:18,
21,23,25 65:9 66:2 67:4,7 68:16
69:3,6,22 73:8,17,20 74:2,22 75:21
79:23 80:5,9,14 81:9,21 82:5,9,16
83:3 85:24 86:1 88:3,12 90:14 92:12
94:23 98:24 101:5,21 108:13 111:24
state's 25:4 38:4 67:15 81:25
stated 64:9,10
statement 23:4 55:16 68:6,15 69:24
statements 33:16 66:8,21,22 68:3
93:1
states 49:9,10 55:19 67:9 72:12
77:4,5
statewide 9:8,9,10
stats 49:17
status 35:1,6 46:21
statute 12:20 13:7 30:10 106:16
stay 20:24 29:21 37:23 77:17 98:23
115:19
stays 119:7
step 10:17 48:6 64:3 94:2 108:18
stepped 15:15
steps 23:2,3
Steve 21:8 23:14 94:24
sticker 90:3 92:1 95:5 96:18,19
110:24 113:25 114:8
stickers 89:11 95:4,13 113:25
114:11

Stockham 15:15 16:5
stop 105:9
Strafer 5:25
straight 91:21
strategic 5:21
strategies 24:20
streamline 15:3 60:23 107:10 109:5
streamlined 57:17
streamlining 15:5
strip 90:21 96:23
structures 92:6
struggling 39:17
stuff 32:17 41:23 70:7 81:4 87:23,25
99:17 100:16 101:17,20 102:18,22
104:24 106:24 107:7 110:22 115:9
117:18
subcommittee 35:1,6 36:8,16 37:2,
6 39:3,21 40:4 41:6 42:1,13 43:9,16
44:24 45:6,10 46:22 50:21 54:11
57:14,15 58:2,12 59:18 60:14 61:4,
5,20 74:21
subcommittee's 50:23 59:20
subcommittees 39:10 46:6 64:7
68:19 70:8
subcontractor 25:5
subject 75:24 87:11 119:24
subjects 36:11
submit 57:17 59:23,24 60:7 61:17
77:3 82:15 99:12 100:16
submitted 30:9 57:21 58:6 60:16
100:14 101:24 103:7,8
success 100:1
successful 15:8
sudden 85:7 119:14
Sue 4:2,13
suggestions 92:22
summarized 45:1
summary 34:6 43:25
sump-pump 87:3

sunlight 86:6
sunset 66:2
sunsetting 66:18
superintendent 116:2,5
supervisor 15:22 22:9
supervisors 12:17 15:2,18,25 88:3
supplemental 106:6
supplies 118:6
support 21:7,9,10,13 25:15 28:11
56:4 63:20 82:18,20
supported 39:21
supposed 69:17 85:10 94:5
surprised 88:11 89:21
survey 24:21,23
swing 72:4
switch 105:9 119:3
switches 118:21
system 15:10 27:18 84:8 85:5,8,9
87:4 90:15 120:9
systems 25:9 27:9

T

tablets 102:24
TAC 32:15 33:5,7 66:14
Tacoma 4:3
TACS 32:16
tagging 91:24
takes 9:18 10:3 52:6 85:14 96:12
taking 11:10 12:11 17:17 28:25 40:9
46:13 110:23 113:21
talk 4:14 7:20,22 8:18 11:25 16:13
23:17 24:5 46:19 49:20 54:10 58:22
62:6 64:10 71:3 72:10 75:4,7 80:23
81:5 82:13 83:8 86:25 87:9,23 88:8
89:25 100:22 101:5 110:11 111:13
116:16 119:25
talked 20:12 24:1 30:20 50:10 58:21
71:22 82:12 88:25 95:10 101:22
110:1



talking 40:3 64:6 89:2 95:23 110:4
talks 67:19
tall 10:16
Tamra 19:25 28:17 29:3
target 14:10 98:16
targeted 9:11
task 13:13
tasteful 81:3
Taylor 20:18 21:2 25:10,21
TC 67:14 70:1,23
TCS 66:11,17 67:2,5
teach 11:3
team 20:10 55:6
tech 15:15,17,23,24 16:1,4 88:3,6
tech- 15:2
technical 16:25 17:5,14 66:9 68:6,14
technical-specialist 83:22
technical-type 17:12
teeth 48:25
telling 77:9
temporarily 28:24
temporary 38:24 114:4
ten 37:3 38:24
term 67:16
test 39:18 40:8,9,14,15,19 117:7 119:16
tested 59:11 119:23 120:7,9
testing 22:8 35:16,22 36:20,21 118:9,18 120:3,16
tests 36:20 38:20
text 111:21
thing 10:15 12:4 27:9 33:22 49:17 51:2,10,22 52:9 55:17 63:2 65:14 68:4 71:20 72:18 75:5 77:13 80:12 82:18 86:4 90:24 91:6 92:14,16 93:20 103:9,12 105:17 111:25 112:2
things 5:10 9:20,25 10:11 13:17,24 14:14 15:6 17:5,13,15,16,24,25 18:19 32:13 33:12,16 34:12 35:11 37:4,9,10 38:17 39:1,24 41:5 42:8 44:6 50:25 51:6 52:17 54:4 56:6 58:10 67:23 69:4,7 79:13,22,25 80:10,13,25 81:7,20,24 82:23,25 83:17,20,25 84:13 85:4,11 86:4,7,13 87:20 88:10,24 89:4 90:13 91:19 94:13,17 96:7 98:11,12 100:22 101:4,10,24 102:15 103:8,25 104:6,7,19 105:5,14,15,22,24 106:1 107:1 108:6,7,19 109:16,19 110:1,7 112:18,24 113:4 115:8,20
thinking 53:11 63:5 79:4
Thompson 5:16,17 43:14,15 46:7 47:1
thought 18:5 37:5 38:22 62:21 110:2,14
three-part 101:12 102:4,6 103:3
thresholds 101:19
throw 63:24 118:4
thrown 33:16
tidal 77:2
tie 31:20
time 4:14 9:10,11 16:23 18:1 20:5,14,23 30:3 32:16 38:15 48:20 57:25 59:10 63:9 65:7 66:17,18 71:19 77:23 78:1,3,4,9,15,20 79:3,9 80:22 86:12,15 87:13 91:5 92:15 98:11 101:11 103:11 104:11,25 106:2 107:16,17 109:23 110:23 114:17 117:15,18,21 118:17,20 119:12,20 120:2,5,12
time-consuming 32:22 33:1
timeline 23:16 29:4 30:24 31:2,15 32:1
timelines 57:24
times 11:4 80:11,15 107:13 109:7
timing 29:2
TKA 73:13
today 28:15
today's 37:8
told 85:9 97:10
top 22:6,11 46:17 105:12
topic 87:14
topics 78:5 86:23 87:12 92:22 93:3
tossed 113:18
total 9:7 11:25
totally 19:7 50:15 51:16 100:23
tough 50:21 59:4 76:9
tower 105:13
track 11:21,24 13:21,22,23,25 14:9 39:4 65:24 113:4
tracker 12:16
tragic 73:5
train 10:24 17:25 41:16,21 111:1
trained 50:5
training 9:21 15:6 16:6 17:22 18:2 41:10,24 42:8,9 78:6 94:12 97:4 109:3,17
trainings 97:24
transit 6:19 11:12
transition 17:3,24 18:13 59:1 101:6
transparency 95:2 116:19
transparent 83:24 85:18
travel 10:7 11:10
traveling 9:24
trigger 90:4
trouble 54:4 78:21
Tuesday 4:1
turn 20:1 37:1 47:11 80:21 98:10 119:6
turn-on 12:8 13:15
turned 35:16 115:2
turnovers 83:19 85:2
tutorial 84:6
Tyler 20:18
type 31:21 41:10 47:13 84:14 102:8 108:12
typed 103:6,8 104:12
types 13:21,25 56:20
typically 66:10 118:19,20



U

UL 43:22 44:19
ultimately 43:22
unadopted 40:9
unanticipated 32:3
Uncle 52:15
unclear 67:6
uncles 52:15
understand 13:5 18:3 26:4 27:16
39:18 41:8,9,12,19 51:8 52:16 56:10
60:2 62:8 65:3 75:10 86:1 88:11
101:13,23 106:20 108:10,11 111:18
119:9
understanding 51:9 65:5 74:4
85:22 93:16 96:10 114:13
understands 89:17 101:18
understood 50:15
undo 68:23
undoubtedly 55:18
UNIDENTIFIED 45:18 78:25
unintended 100:10
uninvent 10:12
unique 118:5
United 77:4
units 46:10 49:1 75:21
universities 38:8
university 120:4
unmute 117:1
unreportable 40:16
untagged 91:23
up-front 61:1
up-to-date 34:14
update 19:6,11,22,25 20:4 28:2,5,7,
15 30:5,6,17 31:5 37:3 46:20 70:24
71:17,20
updated 36:21 37:1 40:8
updates 24:18 31:15 35:1,6 36:18
70:17

updating 109:22
upside 62:13
upstream 79:21
urgency 50:25 72:2 75:10,13 76:24
77:16,19
usage 44:9
utility 92:13
utilize 78:9
utilizing 77:23,25 90:9

V

vacation 49:6
valid 40:14,18 94:3
valuable 71:14
Vancouver 15:18
vendor 21:19,20 22:11,14,20,24
23:5 24:10
vendors 22:11 26:2 78:7
verification 107:3 112:4 114:17,20
verified 111:4
verify 90:24 91:11,14 96:11,17
103:11 107:16 120:9
verse 108:14
version 65:12 98:17,25 99:5
versions 40:11
versus 25:18 55:12 59:3
vet 70:5
vetted 40:7 57:18
vetting 17:16 18:17 54:11 57:7,10
58:17 61:4 69:9
VI 90:19
vice-chair 5:2
view 69:1 107:20
views 50:8
violations 105:2
virtual 32:19 89:11 90:9,19 91:1,2,8
94:20 96:1,15,16

virtually 39:14 96:12
virtuals 89:6,24
virtue 96:25
visibility 54:13 55:23 56:16 71:21
79:20 80:1,14 86:6 100:17,20
voice 51:15 81:20
volunteers 63:23
vote 7:17 8:2 43:6,8 45:9 53:13,19
59:24 60:8
voting 5:10
VRBO 47:14

W

WAC 42:6,11 48:2,8,10,17 62:22,23
63:9,15 65:12,20 66:4,10,11,14,18,
20,25 70:17,23 98:22 99:6 100:8
wait 30:25 37:3 87:11 98:10
waiting 12:10 61:18
walk 111:15
wall 26:13
wanted 20:9 21:24 51:15,22 52:4
61:16 98:15 116:4 120:6,8,24
wanting 10:18 63:2,13 64:14
Washington 4:2 5:8 6:5 20:21
108:13 118:13
Washington's 72:13
waste 113:14
watch 12:23
Watech 26:20
wave 77:2
ways 37:16
website 67:18
week 17:8
weeks 17:9 46:17 58:5 60:14
weigh 19:9 116:18
weighted 83:2
weights 117:7,16 118:12 120:6
well-written 43:5



Wells 43:20
west 119:6
Western 118:13
whatnot 47:14,19 48:22
whatsoever 76:12
wheel 103:25
when's 112:10
who've 35:10
whoever's 102:24
winning 115:7
wire 93:17 94:18
wiring 93:19
wiring's 105:4
wisdom 21:4
wit 4:4
withdrew 70:1
Wohlschlager 45:22
wonderful 107:10
Wood 5:12,13 45:12,20,21 46:24
51:22 52:4 75:12 86:11
word 56:23 85:10
words 23:18
work 13:18 14:4 15:2,21 16:8 18:19
23:4 24:16 26:2,14 27:2,8 32:17
34:12 37:15 39:7,8,12 40:14 44:25
47:5 56:1,2 60:6 61:1 68:23 70:16,
18,21 76:9 80:7 84:23 85:7 90:19
92:1,4 96:11 104:25 105:7 109:5,23
120:9
worked 20:20 60:12 65:9 82:9,16,25
workgroup 63:5,14 64:4,7
working 13:11 15:5 17:15 21:23
23:23 24:10,11 28:25 33:14 35:12,
15,19,23 36:17 38:25 39:11 42:18
47:24 50:21 62:6 63:17,21 79:25
83:17 85:18 112:19
workload 88:6
works 17:24 25:8,11 38:1 39:5
70:15 84:7,8 92:7
world 41:10 49:23

worthwhile 55:5
write 70:11 97:8 102:22 109:12
111:15 113:6,17 115:9
write-up 46:25 106:18 113:17
write-ups 104:21 110:5,22 111:3
112:6,12
writing 111:25 113:3
written 22:5 26:23 44:3,10 45:3 50:4
62:24 84:8 89:15 105:25 106:17
108:4 120:24
wrong 91:20 107:15
wrote 96:19

Y

yay 45:22
year 9:15,17 10:1 19:2 29:11,12,13
31:22,25 48:19,23 50:16 51:25 52:1
53:24 99:6
yearly 50:3
years 16:22,24 17:1 18:3 23:23 29:6
34:10 37:3 38:18 90:4 94:11 102:6
yesterday 10:15
younger 75:18

