

UNITED STATES DEPARTMENT OF AGRICULTURE
FOOD SAFETY AND INSPECTION SERVICE

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RISK-BASED INSPECTION (RBI) PUBLIC WORKSHOP

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GROUP 2

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October 10, 2006
3:45 p.m.

George Mason University School of Public Policy
Arlington Original Building
3401 Fairfax Drive
Arlington, Virginia 22201

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- MS. FELICIA NESTOR
- MR. CHRIS BRATCHER
- MS. BARBARA KOWALCYK
- DR. CRAIG HENRY
- MR. TONY CORBO
- DR. DAVID CARPENTER
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- MR. JOHN MUNSELL
- MR. LAMAR HENDRICKS
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I-N-D-E-X

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1 P-R-O-C-E-E-D-I-N-G-S

2 (3:45 p.m.)

3 MR. DeMORGAN: Let's turn our attention to
4 question number 1 and, you know, as they said, they
5 tentatively decided to use the median of the expert
6 score in the inherent risk algorithm. Is there an
7 alternative that FSIS should consider?

8 I think Bob had raised his card up.

9 DR. O'CONNER: I think there were a lot of
10 good points brought up this morning about not having
11 an upper limit, having a ridiculous -- I mean you
12 could almost put a -- as your answer if you wanted to
13 some of those risk assessments. So it's sort of a --
14 I think just that alone throws a lot of weakness in my
15 mind as to what we get out of this analysis.

16 MR. DeMORGAN: Out of the expert elicitation
17 piece?

18 DR. O'CONNER: Yeah. I don't understand why
19 an upper limit was not set. I mean I think, when I as
20 a veterinarian, when I look at, if I test birds or
21 their titers, for their -- levels for certain
22 diseases, I'll use a geometric mean in order to throw

1 out the -- because in some ways they're inexplicable.

2 MR. DeMORGAN: Okay. So more about -- and I
3 mean clearly I guess let's spend a little bit of time,
4 Bob's done it, and the question presumes at some level
5 the expert elicitation makes sense to everybody, and
6 clearly we heard downstairs that that's not the case,
7 and we're hearing from Bob again and those are fine
8 points to put out onto the table. Anything else on
9 that, Bob? Dane?

10 MR. BERNARD: First of all, I think we heard
11 very clearly that there's a lot of desire to take
12 another look at that risk ranking, and I think that
13 absolutely needs to be done, either a second level of
14 review, a more open process, whatever.

15 Regarding the specific question, I don't
16 know that we understand what the Agency intends to do
17 with the median number in order for us to be able to
18 determine whether that's a correct approach or not. I
19 think if you look at the risk ranking, there might be
20 some movement within the ranking that someone may --
21 but the ranking, I don't think is so bad. That
22 doesn't mean it shouldn't be reviewed. It should be

1 reviewed. I think it should be another process, but
2 for now we don't know what the median would be used
3 for. Would that be used to allocate resources
4 specifically against the number or would resources be
5 allocated against the risk rank. And there needs to
6 be some ability to adjust the ranking of the plan.
7 That ranking of product would be a -- but we heard
8 discussions about severity today. That is something
9 that is a risk management decision. I think it should
10 be the province of the Agency. Again, it can be done
11 transparently and openly but the Agency has got to
12 make some decisions relative to how it's going to use
13 the concept of severity and make adjustments in risk
14 ranking according to severity.

15 MR. DeMORGAN: So what I would encourage,
16 folks, just because I know there's a lot of comments
17 and conversation, is to not necessarily reiterate, not
18 that Dane's done, I'm doing it before you start doing
19 that, because we don't need -- I mean these are just
20 going to be summary points. We're not striving for
21 consensus. That's not what we're striving to do but
22 it is helpful to hear, I mean if you've got different

1 opinions, that's also useful to hear, but I do want to
2 mean, I mean what it seems to me what you're saying is
3 I guess clearly we're hearing a lot of desire to
4 reexamine the ranking, and possibly do more, different
5 ranking processes.

6 But to the specific question of number one,
7 I think what I'm hearing you say here, Dane, is that
8 you don't know what FSIS wants to do with any number,
9 whether it's the median or the mean or the high end or
10 low, whatever it is, there isn't a clear understanding
11 of what -- how that would factor into the algorithm
12 from your perspective. Okay.

13 MR. BERNARD: The question is two parts.
14 The alternative would be just to use the ranking
15 rather than the median.

16 MR. DeMORGAN: Okay.

17 MR. BERNARD: The -- rankings.

18 MR. DeMORGAN: Let me get that down. I
19 think it was -- so the alternative is -- an
20 alternative is to just use the ranking. Again, you
21 don't really know to what end, right?

22 MR. BERNARD: Right.

1 MR. DeMORGAN: But that's an alternative.
2 Felicia.

3 MS. NESTOR: The first expert elicitation
4 was packed with industry affiliated scientists. So I
5 mean to consider the outliers on that, you know, is
6 something to discard I think is, you know. There's a
7 reason they were outliers, because they -- possibly
8 because they were the public health professionals.
9 So, you know, I just wanted to add that to --

10 MR. DeMORGAN: Yeah, I can actually put that
11 piece up, but that was an alternative.

12 MS. NESTOR: And any other expert
13 elicitation really has to be a lot more -- have a lot
14 more legitimate credentials.

15 UNIDENTIFIED SPEAKER: For a variety of
16 things?

17 MS. NESTOR: Yeah.

18 UNIDENTIFIED SPEAKER: And what is --
19 credentials?

20 MS. NESTOR: Credentials?

21 UNIDENTIFIED SPEAKER: Yeah. Educational,
22 background.

1 MS. NESTOR: Yeah, that would definitely be
2 one --

3 MR. DeMORGAN: So just --

4 MS. NESTOR: Is there a source of bias, you
5 know? I mean even though there were a lot of
6 academicians on that group, if they're academicians
7 that depend on industry for their livelihood, you
8 know, that's a source of bias -- potential bias.

9 MR. DeMORGAN: So just any new expert
10 elicitation needs to have what?

11 MS. NESTOR: I think cannot be dependent on
12 industry for its livelihood.

13 MR. DeMORGAN: So are you saying dependent
14 on any one group or are you saying on a -- I mean are
15 you looking for a balanced expert elicitation. Is
16 that -- I'm just --

17 MS. NESTOR: We already have this
18 elicitation. I don't see that we really need to hear
19 more from industry but, you know, if it could be
20 balanced, that's fine with me.

21 MR. DeMORGAN: So recognizing that we
22 already have an industry perspective from -- Barb.

1 MS. KOWALCYK: I was just going back to the
2 first point, and that was removing outliers. I would
3 be reluctant to do that in this situation, although I
4 would not completely rule it out down the road, in
5 that you only have 23 data points here which is hardly
6 a large enough sample size to then start
7 eliminating -- actually if you look at it, there's
8 like five or six people that had very -- five or six
9 panelists that had very large assignments or scores
10 that they used, and that's one quarter of the data.
11 So I would be reluctant to remove that.

12 At this point in time what it would show to
13 me is that there is some disagreement among the
14 panelists and a large disagreement as to what the risk
15 should be, and it would warrant further investigation.

16 Not only that, I mean when you're developing
17 a model, and basically here they're kind of developing
18 a scorecard, you want to validate it, and I think
19 that, you know, what, what has the Agency done to
20 validate whether or not the median is appropriate to
21 use? I mean if they go ahead and apply this to the
22 products and, you know, it doesn't kind of mesh up

1 with the data that they do have, although it be very
2 little, such as number of recalls, things like
3 whatever food-borne illnesses they have, things like
4 that.

5 MR. DeMORGAN: So just to -- you said what
6 has the Agency done to validate the median.

7 MS. KOWALCYK: Well, anytime you're going to
8 have a measure or risk or measure of anything, you
9 want to validate that as an appropriate measure, and I
10 haven't seen whether or not that's been done. So I
11 can't tell you whether or not the median is
12 appropriate because they haven't done any validation
13 step on whether or not it is appropriate.

14 MR. DeMORGAN: Okay.

15 MS. KOWALCYK: And you have to go back and
16 look at the data and apply it to, apply it to what
17 they have and say, does this jive with the other data
18 we have in house to show us whether or not we've
19 actually identified the riskier products or assigned
20 risk appropriately in the situation, using the median,
21 and if not, what is the other alternative?

22 MR. DeMORGAN: Okay. We'll go to Craig, and

1 then maybe we can transition to question two and see
2 what thoughts there are about that.

3 DR. HENRY: The value certainly of the data
4 as right now, I think you need to understand that none
5 of the products currently inspected by FSIS to my
6 knowledge or anyone else's, is risk ranked under any
7 circumstances. In actuality, allocation of resources
8 today clearly has merit, and this is more data driven
9 now, depending on the expertise of at least by my
10 count, 23, of which 4 were industry affiliated, all of
11 the rest come from the university end or the Agency.
12 Then if the universities are industry oriented, then
13 this is heavily biased, but there is no reason to
14 assume that be the case.

15 However, I think what's fascinating which
16 Dane did bring up, which has merit, whether we do a
17 geometric mean or whether we use a straight median or
18 the straight ranking. I don't think anyone has
19 brought any question to the table that the evaluation
20 of the products is that far off. We're not seeing
21 anything, even if you take the 300 million or the 2
22 million or the 2500 and look at those, there's not

1 been any discussion here about the lack of validity of
2 the current ranking of the products. So it's as good
3 a place to start, unless someone has a better one
4 available right now to challenge it, which right now
5 I'm not aware that there is any other data to
6 challenge that.

7 The recommendation that I had made for
8 NACMCF was a reiterative process that certainly has as
9 much merit or more than any other that I know right
10 now, be it selected by one stakeholder group versus
11 another. The NACMCF is certainly quite herald and
12 represents all the stakeholder entities, and which to
13 go back now and if they're looking for consensus, use
14 the NACMCF to get a consensus, because at least you
15 have everybody in the same room and, of course, that
16 can be done in possibly less than two and a half
17 years.

18 But I think that we certainly need to take
19 into consideration this evaluation as it stands today
20 has merit and could be useful at least for the purpose
21 of --

22 MR. DeMORGAN: Okay. So if you were going

1 to move forward, consider using this despite the
2 concerns about the way it was developed conceivably?

3 DR. HENRY: Yes, unless we can come back and
4 say that the people on here do not have sufficient
5 credentials by which to do the ranking because the
6 data that they used was quite expansive. I mean they
7 used their knowledge as was the direction and process
8 that they were challenged with, to consider these
9 different products and how they would rank them. So
10 there's quite a bit of information that they had
11 available, including other models that were used by
12 some of them.

13 MR. DeMORGAN: But what you have heard at
14 least, I mean at least what we heard downstairs was
15 there were a number of groups that felt like maybe
16 they weren't represented in that.

17 DR. HENRY: Certainly, which I mean there's
18 a whole lot of groups that are not represented but,
19 you know, a simple question would be well, is there an
20 ideal number. Should it be 100, 200, 300? How many
21 would be correct, and do you need a balance of those
22 to get to the science? Because this has nothing to do

1 with position. Either the science that the people
2 used are correct data to evaluate the products or its
3 not. Whether they work for the Agency, why they work
4 for the university, whether they work for the
5 industry, or whether they work for a consumer group or
6 a public health agency, it makes no difference unless
7 there's going to be an argument about the data, and I
8 think that's the driving point here. Was the ranking
9 based on current scientific data. That's the first
10 point.

11 Obviously the outliers will have, and I
12 don't care how many, that's a normal distribution that
13 you'll see. You'll see the highs. You'll see the
14 lows. You'll see the mean, and I think that's what
15 needs to be taken into consideration.

16 MR. DeMORGAN: Okay. Dane, Barb, Kim and
17 Tony.

18 MR. BERNARD: I'll be quick. Barb's
19 suggestion about validating the model is right on
20 target. Any model which you come up with should --
21 you should try to ground truth it somehow and the only
22 way you can do that is to go to the outbreak data and

1 see how that rank holds up against what is known about
2 public health outcomes from each of those product
3 categories, and I think that's an excellent
4 suggestion. We heard a lot about attribution during
5 the meeting which is obviously very important.
6 Unfortunately we have -- well, we have to designate
7 what we've got but it's still not good enough relative
8 to sporadic cases, et cetera. It is what it is and I
9 think we should try to use it.

10 MR. DeMORGAN: Okay. Barb.

11 MS. KOWALCYK: I'm going to follow up on. I
12 think you're absolutely right. I think the one point
13 that needs to be made though is the outbreak data only
14 constitutes four to six percent of all food-borne
15 illnesses, and actually the definition of an outbreak
16 can be kind of subjective to what the state decides
17 having learned this personally. For those of you who
18 are not aware, my husband and I lost our two and a
19 half year old son, Kevin, to an E. coli infection in
20 August 2001, and despite three family members testing
21 positive with E. coli, we were not considered an
22 outbreak. We were considered an isolated case.

1 But I think that we need to -- that's a good
2 place to start but we also need to put in place
3 mechanisms where we can actually get attribution data
4 to continue to drive this thing forward. The expert
5 elicitation, to go to Craig's point, the expert
6 elicitation, I mean when I look at this form, that
7 lists out each individual panelist, I see a lot of
8 variation going on here which tells me that there's a
9 high variance, in which case you would want a large
10 sample size to kind of get a good idea of what the
11 distribution is like. I can't tell you off the top of
12 my head whether it's 100 or 200 or whatever. They
13 would actually have to be some sort of an analysis
14 that would go into it, and I think that the other
15 problem with this specific expert elicitation is the
16 fact that they were asked to assume a healthy
17 population, to ignore vulnerable populations and to
18 ignore severity of risk, and I don't know exactly how
19 you can do that and actually assign risk, because it's
20 not like you can have some guarantee that only
21 healthy, middle-aged Americans are going to be eating
22 these products. I mean a hot dog, a lot of kids eat

1 hot dogs, and that would certainly change its risk
2 ranking.

3 MR. DeMORGAN: Okay. So I'm going to take
4 the cards that are up and then I do want to make sure
5 that we get a chance to touch on some of these other
6 questions. Maybe there aren't answers. Maybe this is
7 where everybody's energy is but I do want to move us
8 there.

9 So, Kim, did you have an additional comment?
10 Tony.

11 MR. CORBO: The only thing I wanted to add
12 was the fact that I've had problems with what RBI has
13 done for the Agency in the past, and this is another
14 example, and very few of the experts did take the time
15 to justify their scores here in the paper. So this
16 has become big -- contention for us. Once the
17 Agency -- I mean we had to wrestle this out of the
18 Agency for them to give us this information. This
19 paper has serious problems.

20 MR. DeMORGAN: And just so I've got
21 something rather than paper has serious problems, what
22 I think I heard you say was there's no laying out of

1 any rationale for numbers.

2 MR. CORBO: Yeah, there's very few -- very
3 few of the scientists took the time to put their
4 rationale --

5 MR. DeMORGAN: Yeah, or at least what's been
6 shared.

7 MR. CORBO: Right.

8 MR. DeMORGAN: Okay. I'm going to move on
9 and let's --

10 MS. KOWALCYK: I just have one quick other
11 thing, and I don't see it up there, so maybe it's not
12 important, but I do serve on NACMCF and I just want to
13 get to -- I'm the only consumer representative that
14 serves on NACMCF, and while I think NACMCF is a good
15 committee, it certainly needs more consumer
16 representation, and should not be the only thing --
17 the only place. Similarly, NACMPI only has three
18 members, three or four members maybe that represent
19 consumer interests. So you need to have a better
20 balance in that respect, too.

21 So I don't want it to be -- I just wanted to
22 clarify we're not just going to rely on NACMCF and

1 NACMPI.

2 MR. DeMORGAN: And that's N A --

3 MS. KOWALCYK: That's N A C M C F.

4 MR. DeMORGAN: Okay. So to the suggestion
5 earlier this afternoon and then maybe a little bit
6 here, that that may be vehicles for other --

7 MS. KOWALCYK: They're good ones.

8 MR. DeMORGAN: -- avenues, not necessarily
9 sufficient consumer rep to cover the concerns.

10 MS. KOWALCYK: Right.

11 MR. DeMORGAN: Okay. Let's move onto
12 question number 2, and I recognize, you know, a lot of
13 this stuff, I don't think we need repeat this because
14 it's going to relate anytime we talk about the
15 elicitation, but let's see. The canned products
16 weren't included in the elicitation. How exactly
17 should they be fit into the range of species/process
18 values now? So whether it's now or whether you did
19 another expert elicitation, don't worry about that
20 question, rather just generally speaking, how would
21 you fit that issue in? Dane.

22 MR. BERNARD: I'd rank them high.

1 MR. DeMORGAN: High?

2 MR. BERNARD: High risk. The degree of
3 control over that process is exquisite which
4 translates to a very low level of public health
5 concern but absent that degree of control, that's a
6 very risky product.

7 MR. DeMORGAN: Okay. So 300,000?

8 MR. BERNARD: No. In the elicitation, I
9 followed the rules and colored inside the lines and
10 went 1 to 10. Had everybody done that, you wouldn't
11 have outliers.

12 MR. DeMORGAN: Well, I did -- at least I
13 heard FSIS say they didn't set an upper rule. So --
14 but I know you were part of it. So you'd have a take
15 on that, but that's at least what I heard them saying.
16 So -- but regardless, you use the 1 to 10. So you'd
17 give them -- that don't really matter. We don't need
18 to get into that, but you'd rank these canned products
19 as a high risk?

20 MR. BERNARD: Low acid canned foods, absent
21 that exquisite control that's in place, it's high
22 risked canned foods. And since the Agency's model

1 separates out degree of control from inherent risk,
2 then I have to say the inherent risk is high.

3 MR. DeMORGAN: Okay. So using the
4 assumptions that they showed previously.

5 DR. HENRY: Yeah, correct. Just to concur
6 with Dane, the other factor to take into
7 consideration, you now throw in severity.

8 MR. DeMORGAN: What?

9 DR. HENRY: Severity, you know, should that
10 be part of this, the answer's no, from the standpoint
11 of -- I mean you can kill the child and you can kill
12 the adult, with botulism just as quick as you can kill
13 anything else, but now if you're going to roll this
14 in, and Dane has already spoken to it I think in part,
15 how many constraints do you put on the panel when they
16 begin to go down that road? Do you always and
17 acknowledge? Do you work to the worst side, you know,
18 the youngest and the one with allergies, the one who
19 is immune compromised? To what level do you constrain
20 the elicitation to the point of ranking?

21 MR. DeMORGAN: Okay. And number 6 does
22 speak directly to severity. So we will get to that

1 question. I know it's come up a lot this afternoon.

2 DR. HENRY: But they should certainly be
3 included in the ranking.

4 MR. DeMORGAN: Okay. David.

5 DR. CARPENTER: I guess I have to address it
6 to Dane. Why do you call commercially -- product high
7 risk? I mean it's hermetically sealed. The
8 documentation -- airtight and there's no environmental
9 exposure.

10 MR. BERNARD: You're combining the degree of
11 control with the inherent risk. Without that control,
12 if it wasn't processed to the degree it's supposed to,
13 then you have a high risk item. So it's the degree of
14 control that's been implemented and adopted by that
15 industry segment and enforced by the regulatory
16 structure results in the safest supply of food that
17 you've got in anyone canning, but it's the two
18 together.

19 MR. DeMORGAN: And was that -- Dane, was
20 that an assumption? I mean I understand it's also
21 reality, but was it an assumption that was given to
22 the folks that were doing the ranking for the other

1 products?

2 MR. BERNARD: Panel.

3 MR. DeMORGAN: The panel?

4 MR. BERNARD: I can't remember the exact
5 instruction, but I'm responding to the model we saw
6 today.

7 MR. DeMORGAN: Right.

8 MR. BERNARD: We're supposed to separate the
9 two, and I'm assuming that that's --

10 MR. DeMORGAN: David.

11 DR. CARPENTER: Did the panel consider food-
12 borne outbreak or illness attributable to -- product?

13 MR. BERNARD: In the risk ranking that we
14 did?

15 DR. CARPENTER: Yes.

16 MR. BERNARD: Well, you know, as --

17 DR. CARPENTER: Historically --

18 MR. BERNARD: You know, we're going to jump
19 ahead to six, but as personally, if you look at that
20 list ranking exercise, it's impossible to separate out
21 severity up here because you can't do a risk ranking
22 without understanding the hazards that are associated

1 with the product, E. coli O157:H7. Otherwise, you
2 wouldn't be able to do the ranking at all. So
3 severity is kind of in there. You can't tease it out,
4 even though we're instructed not to consider that.

5 Canned foods, if you look back at the
6 history of food safety, back into the twenties and
7 around the turn of the 18th, 19th Century, a lot of
8 deaths from botulism, an uncontrolled situation until
9 the science came in to put that whole process on
10 scientific footing, imposed the controls that are
11 there that was also a successful process to reinforce
12 those with the inspection system. You have had a
13 risky situation. Now we don't even think about it.

14 MR. DeMORGAN: Okay. So Barb and then Chris
15 and Kevin.

16 MS. KOWALCYK: Well, I concur with Dane. I
17 think it is a high risk product because if the process
18 breaks down, you do have botulism as a big worry, and
19 right now there has recently been an outbreak of
20 botulism due to carrot juice, and so I think that this
21 is still, you know, if the process breaks down, you
22 have -- the consequences can be severe, and I agree

1 with Dane. You can't separate the two.

2 MR. DeMORGAN: Okay. Chris.

3 MR. BRATCHER: I concur, and I think you
4 need to remember that if the Agency does not look at
5 this and consider it a high risk, there would little
6 or no inspection in those facilities. So it needs to
7 be there. I'm not sure what presence it needs to be,
8 but it has to be there.

9 MR. DeMORGAN: Okay. Thanks. Kim.

10 MS. KARWEIK: All I wanted to point out is
11 that the actual instructions to the expert panel are
12 included in our packet that we received today in a RTI
13 memoranda, and it states that, "While scoring the
14 categories, we will ask that you consider the
15 biological, chemical and physical hazards inherent to
16 both the source material and the processes used to
17 produce the products in that category."

18 MR. DeMORGAN: That's page 8.

19 MS. KARWEIK: That's page 6, Attachment A to
20 the RTI documents.

21 MR. DeMORGAN: And therefore --

22 MS. KARWEIK: Dane's comment that based on

1 risk that he would risk it high would be appropriate.

2 MR. DeMORGAN: It would be. Thanks. Okay.

3 Anything else on that one?

4 (No response.)

5 MR. DeMORGAN: Okay. Question 3. If a
6 processed product is to receive further processing at
7 another establishment, how should we account for its
8 inherent risk? If further processed at a retail site,
9 how should we account for its inherent risk?

10 Kim, and then Felicia.

11 MS. KARWEIK: My comment to this is more of
12 a question but if the -- if the process is to identify
13 facilities that require greater inspection versus
14 those that may require less because of risks
15 associated, whether the product is further processed
16 someplace else should not be part of the equation.
17 The products that a company produces should be held to
18 the same standards as --

19 MR. DeMORGAN: So from your perspective, it
20 doesn't need to factor in.

21 MS. KARWEIK: Correct.

22 MR. DeMORGAN: Okay. Felicia.

1 MS. NESTOR: Well, I kind of understand that
2 comment, and it would make sense to me if they hadn't
3 told the experts to assume consumer processing habits.
4 I mean if you're going to assess the risk of the
5 problem at the problem door, then don't add in the
6 factor of whether consumers are cooking it properly or
7 not. As soon as you take that into account, as soon
8 as you're going to take any of that into account, it
9 seems to me with deli products, you really have to
10 take a lot of them can be subject to temperature
11 abuse. So if the product has a lot of pathogens or
12 even some pathogens, when it leaves the plant, and
13 then we know it's going to get subject to a lot of
14 temperature abuse and will allow listeria to grow,
15 that whole process is the thing that's going to
16 possibly routinely make it a very high risk product,
17 and the fact that they told experts to ignore that
18 issue suggests to me why the RTE product is so low in
19 the relative rankings of this group whereas RTE is
20 considered very high risk in other rankings.

21 MR. DeMORGAN: And can you just note where
22 that is? Is it -- do you have that?

1 MS. NESTOR: What?

2 MR. DeMORGAN: The directions to the expert
3 elicitation?

4 MS. NESTOR: I'll look for that.

5 MR. DeMORGAN: I'd just like to pop that up
6 there.

7 MS. NESTOR: Yeah.

8 MR. DeMORGAN: Because that will help. John
9 and then Dr. Kim.

10 MR. MUNSELL: I believe that for this
11 purpose, every plant needs to stand alone, and simply
12 because one plant is sending products shall we say to
13 a plant, for further process to a plant that makes
14 canned ham, that is assumed to be sterile, that we
15 should assign -- inspectors to that supplier plant I
16 think is faulty. Each plant needs to stand alone on
17 its own merits.

18 MR. DeMORGAN: Kim.

19 MS. KARWEIK: I just want to say there's
20 really two parts to this question. And my question is
21 relative to the first part, and that for products
22 further processed at another establishment. The

1 second part of this question is if products are
2 further processed in retail, they get equally ranked
3 as well. And I'm not answering that.

4 MR. DeMORGAN: Okay. Great. Felicia and
5 then Bob?

6 MS. NESTOR: It's the bullet, second bullet
7 on page 8.

8 MR. DeMORGAN: Do not account for products
9 that --

10 MS. NESTOR: Yes.

11 MR. DeMORGAN: -- are prepared at the retail
12 or institutional level.

13 MS. NESTOR: Consider preparation only by
14 the plant and the consumer.

15 MR. DeMORGAN: And the consumer. Right.
16 Okay. Great. Thank you. Bob.

17 DR. O'CONNOR: I'd like to say we're putting
18 a lot of emphasis on microbiological data. It also
19 depends on the chemical and physical. So really any
20 plan has to consider, regardless of where that raw
21 product is going to end up, at a ready-to-eat
22 facility, they need to consider physical and chemical

1 as well. So I think that would be a reason to
2 consider that first --

3 MR. DeMORGAN: Physical and biological?

4 DR. O'CONNER: Chemical.

5 MR. DeMORGAN: Chemical.

6 DR. O'CONNER: Most of our emphasis, and I
7 understand, is on biological microbes, but physical
8 and chemical should be considered, too.

9 MR. DeMORGAN: And so because of that, you
10 think that -- you're saying that you should consider
11 another establishment piece?

12 DR. O'CONNER: Yes, the first facility that
13 produces any product needs to -- you can say
14 microbiologically less negated because it's going to
15 end up at another plant that sterilized at level 1.
16 I'm saying it still needs to be under inspection --

17 MR. DeMORGAN: Right.

18 DR. O'CONNER: -- physical and chemical.

19 MR. DeMORGAN: So you're agreeing with John
20 then. Every plant stands alone.

21 DR. O'CONNER: Yes.

22 MR. DeMORGAN: Okay. And that's rationale

1 for that. Okay. Dane and then Chris.

2 MR. BERNARD: And we're on number 3 here?

3 MR. DeMORGAN: Yeah.

4 MR. BERNARD: I have a different approach to
5 this. Let me speak to what Felicia mentioned earlier
6 about number 2. At least in my interpretation of
7 that, and this is tough when you get this list of
8 things and say, well, nobody eats raw chicken. You
9 would have to consider that it's going to be cooked by
10 somebody and, you know, forgive me, but consumers are
11 a less controlled environment to insure proper
12 processing than a commercial establishment. That's
13 the way I approached it, and that's not in the
14 instruction. So that's just my reading into this,
15 what as a food safety -- I hate the term expert, but
16 as one of the elicitors, if that's appropriate, that's
17 the way you have to approach it, is to look at each of
18 the products and determine whether it was going to be
19 prepared by the consumer, what residual risk is left,
20 and we know that ground beef for example, there's a
21 lot of uncooked ground beef on purpose, 35 percent or
22 so. On the other hand, with chicken, rarely is it

1 undercooked. At the same time, you have a much
2 greater potential for cross-contamination with that
3 item just because it's handled. There's a lot of
4 data on that. So as we went about that, at least from
5 my standpoint, that's what I looked at in that
6 particular step.

7 The way I'm reading question 3 here is as a
8 processor of hamburger, if I have a customer and that
9 customer happens to be a, I'll pull a name,
10 Stouffer's, and they're using all that hamburger in
11 meatloaf that's prepared in their establishment, are
12 you as concerned about the inherent risk of that
13 product? Should that influence the inherent risk
14 assigned to that particular plant? And it's a
15 question, not a statement. My answer to my own
16 question would be if that relationship can be
17 documented and proven, then the Agency may want to
18 consider that. On the other hand, if the plant that
19 it's going to has an over inventory supply and they
20 sell off into the marketplace and there's all kinds of
21 things that can happen in that scenario, I think it
22 would be virtually impossible for the Agency to

1 consider that. I think it should be on the table for
2 discussion, but I think it's virtually impossible to
3 lock that in tight enough that establishment A would
4 receive a lower risk ranking because of the customer
5 base.

6 MR. DeMORGAN: Okay. So you've posed a new
7 question, answered it, and then taken it off the
8 table.

9 MR. BERNARD: I wouldn't say it's
10 impossible, but it's going to be difficult considering
11 the market conditions that are out there, to say it's
12 always going to happen that way.

13 MR. DeMORGAN: Okay. I just need to check
14 in. We're getting onto 4:30 already, and we're on
15 question 3. We've got three more in this one, and
16 then we want to go. So I just want to note for folks
17 is that we're going to spend a little less time on the
18 establishment risk control. So how much discomfort
19 does that cause anybody.

20 UNIDENTIFIED SPEAKER: Some discomfort.

21 MR. DeMORGAN: Some. Okay. So then I would
22 just encourage, recognizing that there are mechanisms,

1 you can submit comments to these questions to the
2 FSIS' website after this, we will have more
3 opportunity to discuss it in greater detail tomorrow,
4 but let's be honest, it's a large group. So you won't
5 get a chance necessarily. So keep that in mind as we
6 go through the next few questions so that we can move
7 onto that establishment risk control. Chris and then
8 Lamar.

9 MR. BRATCHER: The next to the last bullet
10 and the bullet before that, we talk about every plant
11 should stand on its own and we need to consider
12 chemical and physical.

13 MR. DeMORGAN: Yes.

14 MR. BRATCHER: We need to remember as a
15 group that there are small plants out there that
16 provide products for a lot of people. It's not
17 uncommon for them to prepare fully cooked food and
18 send it somewhere to be smoked at an off-premise
19 smoking facility or something like that. So you have
20 to consider I guess the risk for the microbiological
21 at that facility because you don't know what they're
22 going to load that product on, you don't know what the

1 condition of the equipment is during the
2 transportation, and you could introduce all kinds of
3 hazards, post -- and those types of -- so these would
4 be considered particularly in the smaller plants I
5 think because they have less control. They're not
6 working on as huge a budget.

7 MR. DeMORGAN: Okay. Lamar.

8 MR. HENDRICKS: The answers to number 3 is
9 no and yes. How should we account for the inherent
10 risk? You're talking HACCP systems, take them through
11 HACCP analysis, the -- processing is inspected based
12 on risk assessment of the product and the HACCP plan.
13 So it doesn't need further inspection. It's addressed
14 as incoming from another establishment. So it's
15 already coming in and they have to address it at that
16 point when it comes into the establishment.

17 As far as retail, I think it would be --
18 because it's our responsibility under our food safety
19 systems to go all the way to the consumer. So it's
20 our responsibility to make sure the systems are in
21 place and the product is safe all the way --

22 MR. DeMORGAN: Okay. So a little bit of

1 some diversity came in there, primarily people are
2 saying no, at least for another establishment that
3 it's captured. Chris pointed out that at least for
4 small groups, small plants, it's not as simple as
5 that, not as cut and dry, but let's move onto 4.

6 How do we translate volume data collected
7 for each type of processed product produced at each
8 establishment into an exposure variable for that
9 establishment? John.

10 MR. MUNSELL: I feel that if plant A
11 produces 10 times as much product as plant B, it
12 should be a 10 to 1 ratio. It's also true that the
13 inherent risk of that product needs to be added into
14 the variable also but volume is volume. We're talking
15 about the same item, 10 to 1, 20 to 1, or 2 to 1.

16 MR. DeMORGAN: Which one I guess would be my
17 only question?

18 MR. MUNSELL: What if plant A produced --

19 MR. DeMORGAN: Oh, I know, but what's the
20 one that starts that all. Is there a one that starts
21 that all off, you know.

22 MR. MUNSELL: Well, I would have to be a

1 minimum that they might anticipate a very small plant.

2 MR. DeMORGAN: Okay. I think Lamar went up
3 and then let's go to Felicia, Craig, Barb, and then
4 we'll just do what we can. Lamar.

5 MR. HENDRICKS: I respectfully disagree with
6 that, and I can tell you what my thoughts are on it.

7 MR. DeMORGAN: Yes.

8 MR. HENDRICKS: And I thought about this
9 earlier today when we were talking about volume. I
10 ran into a friend of mine who produces one product,
11 small by comparison. He produces that one product
12 very good -- If I produce that same product, that
13 one product, I can produce it as safe as he does
14 because I'm an expert in it, I have the resources, my
15 CCPs are in place. I monitor, I validate all those
16 systems. I have money to put behind that validation.
17 So my product is just as safe.

18 However, if I produce 500 products or 50
19 products, I might not be. So I think it doesn't
20 relate specifically to volume. I think it relates to
21 the complexity of the system as far as volume is
22 concerned.

1 MR. DeMORGAN: So it depends on the
2 complexity -- I mean I understood what you're saying,
3 but I'm trying to --

4 MR. HENDRICKS: I think it's dependent more
5 on the complexity of the system rather than strictly
6 related to volume.

7 MR. DeMORGAN: So the plant system, what's
8 happening at the plant, number of products.

9 MR. HENDRICKS: Right.

10 MR. DeMORGAN: Felicia.

11 MS. NESTOR: I think there should be a
12 minimum amount of inspection at every plant regardless
13 of the volume that they produce, and regardless how
14 low risk the product is, if a plant makes a large
15 volume, it has to have, you know, the volume has to
16 factor into how much inspection they have because one
17 mistake at a huge plant, I guess that sort of adds
18 onto the complexity point, one mistake at a huge plant
19 has real public health repercussions.

20 So I don't know exactly how that should be
21 factored in as a multiplier or as added or how that
22 should be but definitely even with low risk products,

1 a high volume plant needs a significant amount of
2 inspection.

3 MR. DeMORGAN: So you're saying, I mean not
4 that you're answering saying Lamar or John, but you're
5 saying more like John's model at least, that if it
6 does a lot of volume, then it's going to have in your
7 mind a lot higher likelihood of needing more
8 inspection.

9 MS. NESTOR: Yeah.

10 MR. DeMORGAN: Without knowing whether it's
11 a 2 to 1.5 to 1 ratio, or an actual something to a 1
12 ratio, but you're saying that. Okay. So
13 establishment risk control to decide. Craig, Barb,
14 Kim, Chris, Dane, Kathleen, John.

15 DR. HENRY: It should be third dimensional,
16 the balance between the two.

17 MR. DeMORGAN: What?

18 DR. HENRY: Third dimensional.

19 MR. DeMORGAN: Three dimensional.

20 DR. HENRY: Yes. Not to either X or Y
21 enterically.

22 MR. DeMORGAN: Like somebody suggested.

1 DR. HENRY: Right. It should be third
2 dimensional because that way you can take your --

3 MR. DeMORGAN: Is that clear, understandable
4 concept to -- I mean if you said that to everyone, is
5 everyone going to understand third dimensional, what
6 that means? Yes, you're shaking your heads. No nos.
7 Okay. Thanks. Barb.

8 MS. KOWALCYK: I would agree with Craig and
9 that was actually one of the things I was going to
10 bring up, is it should a Z axis. However, I think
11 that there's some -- I also agree with what Felicia
12 says, that there needs to be a minimum amount of
13 inspection. If you are a plant that produces the high
14 risk product, and you are a plant that has poor
15 establishment control, i.e. a level 5 plant, I don't
16 care how much or how little you produce, you should
17 have more inspector resources. So I mean when you get
18 into the high risk categories, on the level 4s and
19 level 5s, I think that volume really doesn't play as
20 big a role as it does when you're looking at high
21 product risk categories that are being done well or
22 low product risk categories that are not being done

1 well, where volume would be hazard.

2 MR. DeMORGAN: Okay. Kim.

3 MS. KARWEIK: No, I --

4 MR. DeMORGAN: Dane.

5 MR. BERNARD: I believe John was up first.

6 MR. DeMORGAN: Kathleen.

7 MS. KRANTZ: I was just going to agree with

8 Lamar, that the integral processes of multi-species,

9 multi-product lines would be a consideration versus --

10 MR. DeMORGAN: Okay. Great. Thanks.

11 Chris, then John, then Dane.

12 MR. BRATCHER: I think we heard Barb say

13 some things about if they had one process, for

14 example, O3G in a plant, and that's all they produced,

15 that the inspection would be based on what they're

16 doing, and the things they're doing.

17 MR. DeMORGAN: Barb Kowalcyk or Barb --

18 MS. KOWALCYK: Masters.

19 MR. BRATCHER: Masters.

20 MR. DeMORGAN: Okay. Just confirming.

21 MR. BRATCHER: And we saw that when they did

22 the method of reassigning the work in the plants

1 earlier in the year. I guess it was last year
2 actually, and put a lot of these process plants on
3 patrols.

4 To give you some background, I have a plan
5 like that in my circuit that produces 12 to 15 million
6 TV dinners a week. So we put that on a patrol
7 assignment because they only have one process. It has
8 the highest number of NRS of any plant in the circuit.
9 It's also the second or third highest in the district.
10 So for my thought process, I feel that there's risk
11 involved there in that particular establishment
12 because of the volume and because of the background
13 that we have, although the Agency has chosen to take
14 and put that with other plants on a patrol assignment,
15 to take away from the amount of time that our
16 inspectors spend there.

17 MR. DeMORGAN: Because it's -- just to
18 clarify, because it's one product. Is that what
19 you're saying?

20 MR. BRATCHER: Well, it's not one product.
21 They produce one process.

22 MR. DeMORGAN: Okay. One process. Thank

1 you.

2 MR. BRATCHER: So the process is the same.
3 They produce TV dinners with pork, beef, chicken and
4 turkey.

5 MR. DeMORGAN: Okay. John.

6 MR. MUNSELL: The gentleman brings up a good
7 point back here in regards to complexity, and I agree.
8 But something else he said I believe even has much
9 more impact, and that he mentioned about -- . If
10 indeed that plant and in -- USDA sampling validates
11 the efficacy of that HACCP plan, then that plant
12 should be eligible for reduced coverage. To me the
13 bottom line in this is ongoing validation and from a
14 risk-based inspection standpoint, if a plant can
15 consistently validate their success, then they deserve
16 diminished inspection.

17 MR. DeMORGAN: Okay. And obviously that's
18 going to happen. We're starting to talk a little bit
19 about things in that establishment risk control PC
20 equation and clearly that's -- I mean ultimately
21 that's what so complex about this, I mean integrating
22 all these different factors. So I think Dane was last

1 on this question and then we're going to question 5.

2 MR. BERNARD: On a hot dog by hot dog basis,
3 the risk presented by a hot dog, big plant, small
4 plant, may be the same depending on the controls in
5 place but let's assume it's the same. The population
6 based risk from the large plant is much greater than
7 the smaller plant. That's the volume part of the
8 equation. Increased population based risk goes up,
9 and in that case, you do need a higher level of
10 assurance of risk control in that facility. I heard
11 John disagree with Felicia, that that does not
12 translate into more inspectors in that facility. What
13 it means is what are they doing, how well is it
14 controlled, can they validate and verify that it's
15 controlled and the canned foods example is a classic
16 example. It doesn't take much inspection to insure
17 safety in canned goods. The FDA visits the plant
18 twice a year. We're not advocating that as a system,
19 but we're known to have great problems from low acid
20 canned foods from a FDA facility. We don't have great
21 problems with low acid canned foods from a USDA
22 facility. There's different level of inspections but

1 it gets to the level of control and how can you verify
2 and validate that level.

3 MR. DeMORGAN: Okay. And, Kathy, is that
4 back up?

5 MS. KRANTZ: I apologize.

6 MR. DeMORGAN: No, it's squared off. So I
7 can't tell if it's up or down. Okay.

8 Question 5. Given that most establishments
9 produce more than one type of product, how should
10 inherent risk data for each establishment be
11 presented?

12 So at some level -- well, that's not quite
13 the same question. Barb.

14 MS. KOWALCYK: Well, I think if you're going
15 to go at this from a public health standpoint, you
16 would want to take the riskiest type of product and
17 assign that to be the inherent risk for that
18 establishment just because of cross-contamination
19 purposes and so forth.

20 MR. DeMORGAN: So if you've got three
21 products, one's a 1, one's a 3, one's a 5, whatever
22 scale, you take the 5 to all 3 products.

1 MS. KOWALCYK: You apply it to the
2 establishment.

3 MR. DeMORGAN: To that establishment. Okay.
4 That's what it says. Thanks. Craig.

5 DR. HENRY: Just to hinge off that, I think
6 ultimately at the end of the day when we get done with
7 this, you can take any plant regardless of what it's
8 making, and find a reason why we should have -- around
9 the clock and have 100 of them regardless if you find
10 the reasons. Our goal though is certainly to try and
11 take the available resources and apply them in some
12 reasonable fashion from high risk to low risk, which
13 is like what Dane said, to take a plant that has very
14 good inspection for canned soup, that goes through the
15 same process, just because there's chicken in it, and
16 now we throw full-time inspection where under FDA it's
17 not there, certainly defeats part of the process in
18 getting the allocation of resources. I would submit
19 that taking the process which Barb brings which is
20 correct, if you've got somebody that has a very high
21 risk, I would suggest that that be balanced against
22 the volume associated with that product, you know, if

1 I'm making 1,000 pounds of ground turkey, and I'm
2 making a 1 million pounds of full cooked chicken in a
3 bag, it doesn't make sense for me to throw that much
4 resource at something that has ground turkey of 1,000
5 pounds. So if it's balanced geometrically, so that
6 you weight the average weight with the resources
7 against the risk associated with the product volume.
8 Now you have better control over how many people you
9 throw in the process and, of course, that gets back to
10 establishment control.

11 MR. DeMORGAN: What was the word you used.
12 The balance -- not geometrically.

13 DR. HENRY: You balance against volume.

14 MR. DeMORGAN: Right.

15 DR. HENRY: Risk balance against volume
16 associated with that product.

17 MR. DeMORGAN: So that's another conceivable
18 way to do it. Kathleen and then Barb.

19 MS. KRANTZ: I just think that we also need
20 to consider the inspection process. Now we're looking
21 at inspection. Is it science based? Is it the style
22 of verification? What is the type of inspection for

1 this process that we're looking at as well, and that
2 that is also something for consideration in this issue
3 when you're looking at the inspection and the
4 heightened inspection for the inherent risk product.
5 What are we actually looking at?

6 MR. DeMORGAN: Barb.

7 MS. KOWALCYK: Well, in the example that you
8 gave, Craig, about producing ground turkey and ready-
9 to-eat products, I mean the problem is, even if you're
10 not producing a high volume of ground turkey, the
11 potential for cross-contamination, and then you've got
12 a ready-to-eat product that could cause serious
13 illness because it's probably not going to be further
14 cooked by the consumer before it's consumed. I'm not
15 convinced that volume plays as much a role in it as
16 what you suggest. I think that, you know, if you're
17 going to go at this from a public health standpoint,
18 and you have a facility that is producing multiple
19 types of product, the most conservative approach to
20 protect public health would be take the riskiest
21 product and assign that overall. And really volume is
22 on your Z axis. So that's going to be kind of I think

1 taken care of if you're going to a three dimensional
2 model.

3 MR. DeMORGAN: Right, and I mean I think
4 that's helpful to just remind us. I mean it's hard to
5 because sometimes we're just -- you're just looking at
6 the one thing you're being asked to look at as the
7 factor and then you step back, and right now at least,
8 there's a whole slew of establishment risk -- to get
9 you to that final number.

10 MS. KOWALCYK: Well, I guess in this
11 situation, I would -- I'm assuming that you are
12 working with a three dimensional model because it
13 makes the most sense, where volume is your third
14 dimension.

15 MR. DeMORGAN: And, Felicia, you have agreed
16 that that's a good way to consider moving forward.
17 Dane. That is the Z axis. Dane.

18 MR. BERNARD: I've got this situation in one
19 of my plants that produces ready-to-eat meat and
20 poultry products. There's already a risk ranking
21 system in place for listeria control and those kind of
22 plant, category 1, 2, 3. 98 percent of the products

1 produced in the plant are category 2, because of the
2 way they're processed with deserts, so one, et cetera.
3 To afford customers from that plant a full line, to
4 serve their whole line, we have got to accommodate
5 some category 3 products in the plant. Because of
6 that small volume that's run a couple of days a week,
7 that plant is now classified as a level 3 which means
8 we get sampled more often by the Agency which means we
9 get a different level of inspection -- is that a waste
10 of resources or not? We're handling it. It doesn't
11 bother us. That's the cost of -- of doing business,
12 but is that really the best use of resources?

13 MR. DeMORGAN: Okay. And then you're
14 pointing out that at least from a company perspective
15 you're okay with it. The question is, as Craig was
16 saying, if it's from FSIS' perspective --

17 MR. BERNARD: Is there something else that
18 should be considered --

19 MR. DeMORGAN: Right. Okay. Last comment
20 on this. Kim.

21 MS. KARWEIK: On question number 5, and this
22 is really warrant of a comment about the 24 categories

1 that were ranked. Number 1 and number 2, when you
2 talk about the complexity of the facility or the
3 product base at the facility, one of the things to me
4 that is certainly missing from this whole equation are
5 raw materials other than meat and poultry -- FSIS has
6 focused in on raw materials, meat and poultry, and not
7 so much on raw materials that maybe are going into a
8 finished product that don't go through a -- step in
9 that final mix. For instance, raw vegetables going
10 into chicken salads or raw vegetables going into other
11 kinds of ready-to-eat products.

12 So when you look at number 5, yeah, I guess
13 I feel like there's a dimension that's still missing
14 in the entire process, or at least there's some
15 categories in products that aren't being incorporated.

16 So the only place to pick them up is looking at the
17 complexity of the product that they use.

18 MR. DeMORGAN: Okay. Okay. Question 6,
19 then and then we'll be done with this, and we'll move
20 to establishment risk control. But before we move
21 there, this will be the only incentive, the leverage
22 point I have left to me. I need to identify somebody

1 who's going to help present this tomorrow. So before
2 we move to establishment risk control, I'm going to
3 need to find -- and what I might ask is two people to
4 kind of represent different perspectives help walk
5 through this after so we can spend the time talking
6 and kind of highlight some of the key points that we
7 collectively want to represent for the group.

8 But before we get there, question 6, about
9 severity -- how should we, FSIS that is, account for
10 severity of possible illness when calculating the risk
11 inherent to each type of meat or poultry product? Is
12 that a tough question or is it fine? Barb.

13 MS. KOWALCYK: I feel like we've already
14 kind of talked about this question --

15 MR. DeMORGAN: A little bit, yes.

16 MS. KOWALCYK: -- before and I'm going to --
17 I think it's really impossible to or very, very
18 difficult to separate the severity out from the
19 different product, from the rankings to begin with.
20 So I don't -- I guess I don't understand the question.
21 I think it should have been considered right from the
22 beginning.

1 MR. DeMORGAN: Okay.

2 MS. KOWALCYK: I disagree with them asking
3 experts to not consider severity of illness to begin
4 with.

5 MR. DeMORGAN: Okay. Dane.

6 MR. BERNARD: I don't have an answer for it
7 either. It's tough not to consider severity because
8 you've got to consider the hazards associated with the
9 product before you can come up with any kind of
10 ranking or rating. At the same time, if you were to
11 consider some low severity, there's a range of
12 severity ranging from mild to a couple weeks' illness
13 to hospitalization to mortality, and the same thing
14 for virtually every syndrome. So in an expert
15 elicitation, you can deal with that sort of
16 segmentation in a risk assessment, where you can say,
17 give me the risk of, and then you put it down by
18 severity -- but when you have to combine all of that
19 and come up with a single output, I don't know if
20 anybody was ever successful to integrate it to the
21 concept of likelihood of occurrence and severity, come
22 up with a single number that represents risk for an

1 item. It's always done in two parts. It's always
2 done in the likelihood of an adverse consequence, and
3 then it's done as here are the adverse consequences
4 broken down by percentages of the population affected,
5 the population that may be affected by those
6 particular syndromes. And so while I agree that it
7 should be done, I don't know that anybody's solved the
8 equation adequately.

9 MR. DeMORGAN: Okay. Lamar.

10 MR. HENDRICKS: I tend to agree that it's
11 too complicated a question. If you look at the first
12 piece of that, it's tough to answer that question. If
13 you look at the second piece of it, how should we
14 account for the severity of the possible illness when
15 calculating risk, I think perhaps that, depending on
16 the product that's produced and the segment of the
17 population that you intend to sell the product to,
18 maybe a piece of that answer, I'm not sure, but when
19 you put your programs together, you intend to sell
20 your product to children, for example, you have to
21 address that in your system. And you have to put in
22 processes so that that segment that you're selling the

1 product to is addressed totally.

2 MR. DeMORGAN: Okay.

3 MR. HENDRICKS: If you're selling to the
4 general population, that food safety system addresses
5 the general population. If you're selling to the
6 aged, it's addressed to the aged. So it's a very
7 complicated question to begin with, and I think too
8 complicated to address.

9 MR. DeMORGAN: Okay. David.

10 DR. CARPENTER: I have to concur with that
11 because not only determining what the product and the
12 population is, you have to consider the severity of --
13 for instance, if you sell soft cheese, and there's
14 salmonella and it's consumed by a healthy individual,
15 the impact is going to be a lot less than soft cheese
16 consumed by a pregnant woman who -- listeria in the
17 cheese. So there is two very different levels for one
18 product. So the two populations. So I agree that
19 it's complex.

20 MR. DeMORGAN: To throw it into that first,
21 the ranking.

22 DR. CARPENTER: How would you require -- I

1 mean think the best --

2 MR. DeMORGAN: So how do you do it in the
3 step -- I mean it just what Lamar's saying which is,
4 you know, it depends on the product and who it's
5 intended for? I mean then you can't necessarily say
6 that all that soft cheese is going to go to healthy
7 people obviously in that example. How -- is there a
8 way to account for it maybe not in the risk rank phase
9 but in that second phase or step that you can think
10 of?

11 DR. CARPENTER: I don't know. You can
12 disagree with me if you like, but probably the best
13 data, the meat article back in '99, when it talked
14 about 76 million food-borne illnesses and how if it's
15 an -- toxin, a very small percentage gets reported,
16 and we're just using numbers that were almost -- well,
17 they derived statistically. Whereas, the effects of
18 listeria was like 50 percent reported. And so that
19 severity of illness generates or drives the reporting
20 which could give data regarding or better data, but
21 it's up to the consumer in terms of it getting
22 reported if it is a food-borne illness or outbreak.

1 MR. DeMORGAN: Okay. The cards that are up
2 right now, and then let's see where we are so we can
3 at least spend, you know, 20, 25 minutes on
4 establishment risk control. Bob, Dane.

5 DR. O'CONNER: Using the example you used
6 with listeria and cheese -- as the most vulnerable
7 population, you would assess your risk on -- it's a
8 fact that a lot of people, the general population, but
9 then within that general population there are the most
10 vulnerable, and look at them and the severity --

11 DR. CARPENTER: That would be, I guess, the
12 worst case scenario, right?

13 DR. O'CONNER: Right.

14 MR. DeMORGAN: Okay. Dane.

15 MR. BERNARD: Well, Bob really had the
16 point. I think from our perspective, if you can't say
17 that a particular of the population is excluded,
18 you've got to assume that the general population means
19 that there's some adverse -- populations that are
20 going to be consuming your product --

21 MR. DeMORGAN: Barb.

22 MS. KOWALCYK: I concur with Bob, and that's

1 the way I think it should be done.

2 MR. DeMORGAN: You concur with Bob. Okay.
3 So we have nine flip charts, some good conversation.
4 I guess are there -- what I'd like to do is we have a
5 little PowerPoint for the six questions. We're just
6 going to put in a couple of bullets under each one and
7 not try to -- this is not a consensus by any means.
8 We're going to do it for this paper, and then to the
9 extent we get through some of those as well. Is there
10 one or two of you, if it's two, to kind of represent
11 different groups or interests, that would be willing
12 to just stay with me a couple of minutes after. I'll
13 do all the work in terms of putting it together, but
14 just kind of walking through the flip charts.

15 DR. HENRY: How about Barb and I?

16 MS. KOWALCYK: Okay. It depends on how
17 long.

18 MR. DeMORGAN: Barb.

19 MS. KOWALCYK: It depends on how long.

20 MR. DeMORGAN: Yeah, 5, 10 minutes at the
21 most.

22 MS. KOWALCYK: And we can even adjourn, you

1 know, we had to do it as a group at some level, but I
2 think you'd rather -- so we'll adjourn around 5:25, in
3 this group. So we've got 25 minutes to talk about
4 establishment risk control.

5 Is there any problems? Does anybody else
6 want to get in there instead of Craig or Barb, or
7 everyone's okay with those two working with me to
8 present, and you'll all get an opportunity obviously
9 once they kind of talk through the points to add
10 anything of note. Okay.

11 Okay. Let's go to the establishment risk
12 control. That is the other July 19th paper that's in
13 your document, and there are no I think additional
14 documents related to that as there were for the
15 product inherent risk. So -- yes.

16 UNIDENTIFIED SPEAKER: My question I pointed
17 out earlier with this, this paper --

18 MR. DeMORGAN: Yes.

19 UNIDENTIFIED SPEAKER: -- should be raw and
20 processed meat and poultry products instead of one
21 side of it raw and the other processed and it's all
22 titled processed.

1 MR. DeMORGAN: I see. Okay. So I think
2 there might have been a copy error in looking at this.
3 Okay. Yes. Thank you. I'll just note that on the
4 flipchart to make sure we don't forget.

5 Okay. Question number 1 related to
6 establishment risk control, are these six components,
7 and those are the six listed. They're not actually
8 listed in there. I guess they're listed in his
9 presentation in this thing.

10 MS. NESTOR: They're in the little circles.

11 MR. DeMORGAN: Yeah, it's the circles.
12 Right. It's the six circles. It's not listed in the
13 paper. For some reason there's five of them there.
14 I'm not sure which one is missing. Food defense I
15 think is missing. Okay. So those six on that, that
16 we all spent some time talking about. Are these
17 appropriate and adequate, and what I think, I think it
18 was Don mentioned this, that really there's kind of
19 two sub-questions. Are these six appropriate? Are
20 there others that should be added? Kim.

21 MS. KARWEIK: Actually I guess one of the
22 things that I heard earlier today and I thought it was

1 a good question is in the actual matrix, the X Y
2 matrix or X, Y, Z, whatever it is, who are above level
3 5, what happens to that facility, and then I feel bad
4 when I look at the wheel that we have, and I see
5 enforcement action, it says if the facility is in the
6 middle of an enforcement action, they're already
7 increased inspection frequency. So how that actually
8 fits into this I'm not sure, for general inspection
9 assignments. If a plant is an enforcement action,
10 there's a whole other set of parameters that's already
11 being implemented at that facility.

12 Now if you mean by enforcement actions that
13 we're all done with the enforcement and your
14 inspection is continuing and it's held in abeyance or
15 whatever terms are used, and you have a six month
16 window which you're looking at data, and that's what
17 they mean by enforcement action, great.

18 But I guess I have some -- the definition of
19 some of these is not necessarily clear in order to
20 answer the questions whether or not they're
21 appropriate. And, too, if you have a NOIE, NRs are
22 being written, you have sort of a double whammy. You

1 have the enforcement action plus you have the NRs that
2 are written as a result of the NOIEs, so you're
3 getting hit twice. So you're kind of double dipping
4 if you will under that scenario. So there's some
5 overlap I guess in this wheel I guess is what I'm
6 trying to say.

7 MR. DeMORGAN: Okay. So overlap and
8 definition. Okay. Felicia.

9 MS. NESTOR: There are a sign number of
10 plants that do not have standard inspection because of
11 inspector shortages. We don't know whether the lack
12 of NRs is because the inspector hasn't been in the
13 plant. The Agency absolutely needs to figure out
14 which plants don't have NRs because the inspector
15 hasn't been there or because the inspector's been
16 doubled and tripled up and has been doing drive by
17 inspection, running in the front door, waving and
18 running out the back door.

19 That was an instruction, Dane. That's an
20 instruction to inspectors in a southern district.

21 MR. DeMORGAN: So FSIS needs to figure out
22 which plants don't have NRs and why. Okay. Dane.

1 MR. BERNARD: I'll borrow from Lamar the yes
2 and no on this. It depends on the weighting and how
3 these things are going to be utilized. I think we
4 heard today in the public meeting about a good many
5 concerns about the adequacy of the data that has been
6 found in each of these databases.

7 MR. DeMORGAN: It depends on the weighting
8 and --

9 MR. BERNARD: It depends on the algorithm
10 that's going to be applied and how each of these
11 factors are going to be considered. I think a lot of
12 us on the industry side have a great deal of concern
13 about how NRS are being used, numbers of NRS, quality
14 of NRS, a lot of variance there, a lot of variance.
15 And the FSA is the same way. Our experience is that
16 we've got some great EIAOs out there, and some are
17 still learning -- and all are out doing FSAs to a
18 certain degree and the quality of the FSAs vary
19 widely. So I think we have a lot of concern about the
20 quality of the database that can be derived from each
21 of those sources, and that's where the black box comes
22 in. What's the algorithm? How's it going to be used?

1 So I don't have any problem theoretically with the
2 elements there. I just don't think we know the
3 quality of the databases.

4 MR. DeMORGAN: Craig.

5 DR. HENRY: I think we'll tag along with
6 what Felicia said, but I think we need to have a
7 little different perspective. I don't think the
8 issuance of a NR is an indicator as to whether the
9 plant should be or is not being inspected. The fact
10 should be that plants must be applying with the
11 statute and the regulations. So if a district, for
12 whatever reason, is not able to access a program
13 inspection to that plant, and FSIS has a problem
14 whether there's been a NR issued or not, the NR is an
15 ancillary issue because you can have top flight plants
16 that get virtually no NRs, producing a billion pounds
17 a year, and that doesn't mean that the inspection
18 doesn't occur. So I think that FSIS needs to be held
19 accountable if, in fact, they have a problem with
20 resources in meeting the statutes and regulations.

21 And the second part relative to the other
22 components, I raise a question again about the food

1 defense and that certainly should be a much lower
2 element on ranking or rating.

3 MR. DeMORGAN: So that would be the next
4 question. Okay. Let's see. Lamar and Barb and
5 Chris.

6 MR. HENDRICKS: I agree food defense ought
7 to be out of the picture. It has nothing to do with
8 it. It's addressed separately through an entirely
9 separate bureaucracy system, the carver shop and all
10 that type of stuff. Those fit in here. I concur.
11 That's where I was going.

12 MR. DeMORGAN: Well, no, you didn't -- he
13 just was -- he answered the question. It's not
14 necessary at all. You were just saying it's a lower
15 ranking.

16 UNIDENTIFIED SPEAKER: Well, we had to. We
17 had to.

18 MR. DeMORGAN: That's good. That's good.
19 That helps. I understand. So, Lamar, you're saying
20 it's dealt with elsewhere and it doesn't need to be
21 part of this, and at least one person's concurring.
22 Okay. Yeah, Barb.

1 MS. KOWALCYK: I actually concur with that.
2 That wasn't my --

3 MR. DeMORGAN: Thought.

4 MS. KOWALCYK: Yeah. In my mind, it's kind
5 of like it gets to -- you don't build a fire engine
6 just to deal with arson fires. You build a fire
7 engine to deal with contamination and I don't really
8 care whether it's intention or not intentional, and
9 when your child is in the hospital, you don't care
10 either.

11 The thing that I think is missing here is
12 food-borne illness, the food attribution data. It
13 doesn't really show up anywhere. It kind of comes in,
14 in the -- oh, I don't know which one it is, the in-
15 commerce findings when you talk about customer
16 complaints but there's really no consideration as to,
17 you know, if a plant has caused a huge outbreak, how
18 is that kind of -- or caused a large number of
19 illness, how does that kind of play into this.

20 I'm going to use a personal example right
21 now. In our son's case, his PFGE pattern matched that
22 of a meat recall in the same time period from a plant

1 in Wisconsin. Now we were never able to conclusively
2 conclude that that's what caused his illness, but I
3 would hope that the fact that you have a child who
4 died from a food-borne illness that matches the same
5 PFGE pattern as a positive *E. coli* test from a plant,
6 would trigger added inspection at that plant, whether
7 or not the family could actually prove that the child
8 consumed that recalled meat. Now the fact is, it took
9 our family three years, several threatened lawsuits to
10 even find out that he matched that meat recall. You
11 know, I have real issues with this idea of
12 validated -- what did they use? Verified and
13 validated consumer complaints. That is the only place
14 that they actually even hint towards, you know,
15 whether or not these establishments have caused food-
16 borne illness.

17 And also whether or not this is an ongoing
18 issue. The plant in question, in our son's case, had
19 had a recall in December 2001, had positive *E. coli*
20 tests in February 2000 or a recall in December 2000,
21 positive *E. coli* test in February 2001. In July 2001,
22 there was an outbreak traced back to this plant that

1 resulted in an E. coli test that my son's test
2 matched.

3 Now I would hope, you know, do you have
4 verified and validated consumer complaints there? It
5 kind of depends on what you find as verified and
6 validated and how would that fit into this? Is that a
7 consumer complaint? It doesn't fit into any other
8 category from what I can tell.

9 MR. DeMORGAN: So this is -- just so I'm
10 getting it down right, this is too restrictive from --

11 MS. KOWALCYK: Well, it depends on how it's
12 interpreted.

13 MR. DeMORGAN: It's not clear what it --

14 MS. KOWALCYK: No, and it certainly doesn't
15 look at food-borne illnesses. And there's no
16 mechanism for victims of food-borne illnesses to
17 easily trace their source. So it's almost impossible
18 to get that information in a timely manner at this
19 point in time.

20 MR. DeMORGAN: Thanks. Chris.

21 MR. BRATCHER: Just an example. If you were
22 going to give a salmonella based FSA, and you were in

1 the process of presenting interventions to your
2 facility at the time, if they came in and did that and
3 they found that you hadn't gotten those in place and
4 validated, you could have a failure for your pathogen
5 control, system design, system implementation and end
6 up with a NOIE. So you just picked up four out of the
7 six, and you're probably going to get a NR on top of
8 that. So there needs to be some mechanism in place to
9 balance the consequences.

10 The other would be the same as if you had
11 all those things in place. There should be an
12 incentive for the companies to have less inspection,
13 and I don't think they mentioned that but it's been
14 brought up before. So there should be a mechanism in
15 place for people to have premier systems in place and
16 not have to worry about repeated FSAs and things like
17 that.

18 The other thing, we talked a lot about NRs
19 and the data that goes into the system, and I work
20 with that every day, and there's an inherent problem
21 in the system and that's the span of control of the
22 supervision above those levels, starting at the

1 district office all the way down but primarily at the
2 front line supervisor position.

3 The Agency has identified that as a major
4 problem for the last several years -- and the only way
5 I see that we get quality data entered into the system
6 is if somebody, one, is accountable, two, is able to
7 do something to make sure that the NRs that are
8 written are appropriate and for the right reasons.
9 Three, they're written in the first place according to
10 the reg and they shouldn't have been written that
11 they're held accountable for doing that as well. The
12 same thing applies to the other information that's
13 going into the system as well, and that we would hope
14 that you would send a message that the Agency needs to
15 be held accountable for the correlation process that's
16 ongoing and should be ongoing.

17 MR. DeMORGAN: I missed that last part
18 because -- just because I was moving around. So for
19 the NRs, you're saying there needs to be some
20 mechanism to correlate between who's writing what and
21 whether --

22 MR. BRATCHER: Whether it's for the right

1 reason or not.

2 MR. DeMORGAN: Right.

3 MR. BRATCHER: Whether it's for the right
4 regulations or not. I mean it just goes on and on and
5 on, and there's not a mechanism of checks and balances
6 in place to make sure that those things are being done
7 because there's too many other tasks, interference
8 things that are going on in addition to that. And I
9 can see from this meeting that when I get back,
10 there's going to be a hammer coming down on my
11 supervisors to make sure all the NRs are written
12 correctly.

13 MR. DeMORGAN: Okay. Tony.

14 MR. CORBO: Going back to the -- issue, I
15 think the Agency's got to figure out what it wants to
16 do in this whole subject area because as I indicated
17 earlier today, I've been listening to some of the
18 audio tapes of some of the feedback sessions that the
19 Agency conducted, and originally food defense was
20 supposed to be part of the discussion and they decided
21 to drop it off. Yet in listening to some of the
22 employees, you know, talk about variability to do

1 their inspection functions properly, a lot of them say
2 they're being pulled more and more into doing the food
3 defense activities. And, you know, I was interested
4 to hear the industry today saying, you know, this was
5 like out of the blue, all of a sudden, you know, this
6 thing just showed up. It's part of the wheel.

7 So, you know, the Agency has got to figure
8 out what it wants to do here. Another thing, a lot of
9 the food defense programs that they have, are
10 voluntary by the industry, but it seems now that
11 they're at least inspection personnel more into
12 playing a more active role in that, and this wheel now
13 all of a sudden has food defense.

14 MR. DeMORGAN: Okay. Thanks. John.

15 MR. MUNSELL: I believe two parts of that
16 wheel, and correct me if I'm wrong, Paul, but aren't
17 they pathogen testing and in-commerce findings?

18 MR. DeMORGAN: Oh, yes. Sorry. You don't
19 have it in front of you. Pathogen control and in-
20 commerce findings, those are two of them, yes. Thank
21 you.

22 MR. MUNSELL: I think those are both very

1 valid components. However, I think that they should
2 be further defined. I would like to see the Agency
3 explain further on both those issues that those are
4 best utilized when -- Agency attempt to find the true
5 origin of contamination. And from a public health
6 standpoint, as long as that leak can be -- as long as
7 the contaminated leak can be detected and removed from
8 the marketplace, then probably health benefits. But
9 if the effective corrective action is to be
10 implemented to prevent recurrences, we need to get
11 back to the source. I think that's what this is all
12 about.

13 So I believe that the results of pathogen
14 testing and also the in-commerce findings need to be
15 coupled with a very aggressive attempt to find out the
16 true origin of contamination and existing Agency
17 policy in some cases is designed to prevent that.

18 MR. DeMORGAN: Okay. Felicia, are you up
19 again?

20 MS. NESTOR: It is up.

21 MR. DeMORGAN: Sorry. Go ahead, and then
22 Bob.

1 MS. NESTOR: I really am concerned that we
2 just don't have enough data to make these assessments
3 of these plants. If, you know, as I was mentioning in
4 the bigger meeting, if FSAs are done every three
5 years, and then at certain plants you don't have any
6 inspectors writing NRs and, you know, and 25 percent
7 of the plants don't have any pathogen control, I mean
8 I hear people saying that, you know, you can get a
9 double -- it sounds like double, triple, quadruple
10 whammy, if you've got a problem at your plant, but how
11 many plants are out there where we don't really have
12 any substantial data on any of these six factors.
13 And I would really like to see an analysis by the
14 Agency to tell us, what percentage of plants are we
15 going to have data for six of these factors, for five
16 of these factors, for four of these facts, because I
17 suspect that, you know, it could be a good half of the
18 plants we're considering that there's a really a
19 minimal amount of data.

20 MR. DeMORGAN: Okay. Bob and then Barb and
21 then Kim, and then it's going to be close to the end,
22 to wrap up unfortunately. So at that point, if we

1 have any time, I'll just say, is there anything about
2 these other five questions that we didn't get to that
3 you really want to put on the table at this point, but
4 recognizing that we've got limited time. Bob.

5 DR. O'CONNER: I'll try to --

6 MR. DeMORGAN: No, that's all right.

7 DR. O'CONNER: I think that -- the fear that
8 a plant should truly be a category 5 comes out as a
9 category 1, and I believe Dr. Raymond said that
10 probably wouldn't happen, that it's too extreme. It
11 may be too extreme but I could easily see if NRs in
12 particular that we use to assess processing plants,
13 plants being in this category, and in both ways, you
14 know, good plants being seen as bad and bad plants
15 being seen as good, and I kind of have personal
16 experience with that. In the -- who work for me, I
17 look at their NRs every week and I can see that
18 there's a disparity between plants, but it's not
19 necessarily based on that quality control -- in his or
20 her program. It really is subjective, and there are
21 things that are out of control for that facility.

22 So I'll give you an example. If an FSA, a

1 rumor that a FSA is coming in that plant, you will see
2 an increase in NRs and, you know, that just shouldn't
3 be. It should be consistent -- you know, throughout
4 that year. And I have one example of a plant that has
5 very low NRs, and they are a good facility but I kind
6 of know why they have low NRs, because ISC there is
7 very communicative. He takes, you know, discrepancies
8 or situations that he comes upon, and instead of
9 writing a NR, he will -- he has said to me, I use it
10 as a teaching tool, and he will communicate with the
11 processing plant vendor. This is very well what we
12 need to do in this situation, but that does keep their
13 NRs low, but that doesn't mean they don't have any
14 situations similar to the plant manager whose plant
15 has, you know, twice as many. So I just think it's a
16 very, very subjective piece, and I even use the word
17 data in accordance to use.

18 MR. DeMORGAN: Okay. Thanks. Barb.

19 MS. KOWALCYK: I think that there's a lot --
20 well, let me just back up. I mean I have, as I stated
21 earlier downstairs, I have serious concerns about the
22 quality of data and whether or not they are reflecting

1 the data, and I think that there are some things that
2 the Agency needs to take into consideration.

3 Felicia brought it up. You have this wheel,
4 and where are some plants that are going to have
5 missing data for different spokes on the wheel, and
6 sometimes multiple. But one of the things the
7 Agency's going to have to do is come up with a way of
8 dealing with missing data. I'm a statistician by
9 training. I've worked in clinical research my whole
10 career prior to this, and when you collect data you do
11 build in numerous mechanisms of asking the same
12 question.

13 The one I'm going to use just because I
14 think it can translate readily here is when you're
15 collecting adverse event information in a clinical
16 setting, you are going to ask what the outcome of that
17 is, and one of the outcomes could possibly be death.
18 Well, you also have a death form that you're going to
19 ask. Was that because of an adverse event, and you're
20 going to cross check these things. You don't rely on
21 one question because people mistakenly, just out of
22 human error, will check the wrong box or mark the

1 wrong thing. So you want to ask the same question
2 multiple times so you can kind of get into the
3 validation which I think, Dane, you brought up
4 earlier.

5 But then you also have to deal with the fact
6 that what are you going to do when you have missing
7 data? Now if you're going to think of this in terms
8 of public health, you're going to assign the worse
9 case scenario in order to assess public -- in order to
10 protect public health, and I think that those are
11 things that the Agency really needs to look at.

12 I think you're right, the way NRs -- I had
13 never seen a NR form before today, and I think that's
14 very subjective and as a statistician, I would never
15 want to analyze anything off of that thing. But I
16 think you can certainly improve it so that you could
17 get -- try and get better at the truth, and you would
18 want to do that one objectively and with subjective
19 assessments from the inspector.

20 I would think that you would want to set up
21 a criteria for what is an objective way of assessing,
22 will this NR -- was this NR written because it has a

1 public health outcome, but you would also want to get
2 a subjective assessment from the inspector. Did you
3 write this because you thought it may affect public
4 health? And then if there's a discrepancy that you
5 have an inspector saying, I wrote this because of
6 public health but it doesn't technically meet the
7 criteria, you would have to do some further
8 investigation. You know, ideally you would have
9 situations where they would both match but it doesn't
10 always work that way. And how are you going to deal
11 with -- this is very complicated. I do not see how
12 they're going to solve this quickly.

13 MR. DeMORGAN: Okay. Kim.

14 MS. KARWEIK: My comment is more general,
15 and I think it's been mentioned here today but the
16 entire process of risk-based inspection cannot be set
17 up as a -- it has to be a real, living system, and to
18 that end, there needs to be quality assurance as well
19 as quality control within that system, there needs to
20 be feedback loops and process improvement
21 opportunities that are built into the process and
22 they're forced to occur in the process. And I guess

1 that's my comment. Whether you're looking at product
2 risk or you're looking at process and plant risk, to
3 me is just I think something that to me as an industry
4 or anybody in consumer advocates would want to promote
5 with the USDA continuing to drive home because it is a
6 breathing, living process. However, whatever path
7 they go down, they need to close the loop. When they
8 have discrepancies in data, when they have missing
9 data, they need to figure out how to adjust the system
10 to prevent that from happening again.

11 MR. DeMORGAN: Thanks. Lamar. Last comment
12 for now.

13 MR. HENDRICKS: Well, you opened the NR box,
14 so I have to comment. There are two types of NRs you
15 need to consider. The rest -- Number one, HACCP NRs
16 related to critical control points in the process.
17 You should never -- a plant's modification should
18 never have a HACCP related NR because their system has
19 failed. So I think that is the most critical -- some
20 of the subjective components to these things. Those
21 NRs related to the grass is high on the west end of
22 the parking lot doesn't matter.

1 The second type of NRs that should be
2 considered are those that do not properly address
3 corrective action relative to food safety. That means
4 it --

5 MR. DeMORGAN: Those that do not properly
6 what?

7 MR. HENDRICKS: Address corrective actions
8 related to food safety. Now you appeal those if you
9 don't agree with them, but usually corrective actions
10 and preventive measures need to be put into place for
11 anything relative to the safety of the product,
12 whether that's a potential situation where you have
13 a -- with respect to following SSOPs or something, but
14 primarily the HACCP ones, those related to your
15 system, not producing or having a deviation in your
16 system. Those are just key, and I think you need to
17 look at the risk associated with those, that's where
18 the risk is.

19 MR. DeMORGAN: Okay. It's almost 5:30.
20 We'll take Felicia's, and then if there's anybody else
21 who puts theirs up again, we'll take that one.

22 MS. NESTOR: This is in direct response to

1 his.

2 MR. DeMORGAN: Sure.

3 MS. NESTOR: The industry has studiously
4 taken everything that it can out of its HACCP plan and
5 stuck it in its SSOP plan or its pre-requisite
6 programs. So to get a violation of a HACCP plan, you
7 know, you've got to go out of your way because pretty
8 much all of your controls are in every other plan.

9 Secondly, to that -- a failure to implement
10 corrective or preventative action, is the only other
11 important -- I disagree with that. If you got a NR,
12 you already failed. You don't fail when you -- after
13 you're instructed by the inspector that you have a
14 problem, you fail to fix it, you failed the first
15 time, because it was your responsibility to begin with
16 not to get the NR. So -- no, I very strongly disagree
17 with the corrective action is the only other important
18 one.

19 SSOP, I have in my folder, I have a
20 facilities based NR for direct product contamination,
21 you know. Using the little tick offs is not going to
22 be sufficient. There are too many food safety

1 problems that occur under other categories.

2 MR. DeMORGAN: Okay. Dane. This is the
3 last comment, and then we are going to need to break,
4 just for the summary folks.

5 MR. BERNARD: There are a number of other
6 questions here that I wanted to address.

7 MR. DeMORGAN: And I think what we're going
8 to do, what I would say, is that given it's 5:30, it's
9 been a long day, I apologize that we didn't get to
10 them. What's going to happen tomorrow is the groups
11 that did talk about it, we are going to have -- that
12 did talk fully about establishment risk control,
13 they'll present their thoughts, and then you'll have
14 an opportunity, all of you to offer additional
15 comments at that point.

16 MR. BERNARD: So I don't get to talk?

17 MR. DeMORGAN: So I apologize. You can, but
18 I'm just not sure anybody's going to listen, that
19 everybody that needs to leave, that wants to leave.
20 It's 5:30. I'll be happy to stay, but I know Barb and
21 Craig have already agreed they'll stay a little
22 further after to help summarize. So you should

1 have --

2 MR. BERNARD: Well, this is in direct
3 response to Felicia. Actually, if anybody wants to
4 go, bye. But I just wanted to mention the question I
5 asked in the general session, the plenary, or the
6 comment I had, the top circle here, the oval, pathogen
7 control. We have lots of data. It's good data. I
8 can't understand why a facility that is running as low
9 in salmonella for a poultry slaughter plant that some
10 of the plants represented here are, have to put up
11 with the same level of inspection, the same frequency
12 of FSAs as people who are running on the borderline of
13 a performance standard or over. There isn't any
14 incentive to that level of performance at the moment.
15 I think Chris said it best, there can be a way to use
16 that data. It's there, you can have it. We'll share
17 our listeria data from fully cooked. We'll share our
18 E. coli data from our ground beef plant. We'll share
19 our salmonella data from our poultry slaughter plants.
20 We'll show you that we're meeting and beating the
21 performance standards, and we'll do whatever you want.
22 And I think that data should be considered. It's

1 better than looking at the FSAs to judge a plant's
2 performance. It's better than looking at the NRs to
3 judge a plant's performance. And there ought to be
4 some incentive to make that happen and get other
5 plants moving in that direction.

6 MR. DeMORGAN: Okay. All right. Barb, did
7 you want to --

8 MS. KOWALCYK: No, I was just going to -- I
9 would agree that I think more pathogen testing would
10 be useful and to use that as a measure, not just at
11 certain points along the -- a single point along the
12 process, but in multiple points.

13 But I think the other piece that we really
14 didn't get a chance to talk about is that the HACCP
15 plans need to be verified and validated. I think
16 that's a missing component in this situation. I mean
17 plants, and that kind of gets to the FSAs, you know,
18 they are done once every three years but plants can
19 change their HACCP plans at will, and there should be
20 a minimum kind of requirement as to what the HACCP
21 plans contain. I get very concerned when I hear about
22 plants that produce ground beef that don't have E.

1 coli identified as one of their hazards. So I think
2 there needs to be some minimum level in the Agency or
3 some other authority needs to verify and validate
4 HACCP plans.

5 UNIDENTIFIED SPEAKER: We get FSAs more
6 often than once every three years. I'm sure there are
7 plants in that category but we just haven't been that
8 lucky.

9 MR. DeMORGAN: Okay. I want to thank all of
10 you for your active participation today and
11 throughout. Tomorrow morning, we are getting started
12 at 9:30 again with just kind of some reflections on
13 today and looking at what the agenda is, and then at
14 9:45, we'll turn to the small group presentations. So
15 hopefully you all will be there to help Barb and Craig
16 present those thoughts.

17 So thank you all and have a good evening,
18 and we'll see you tomorrow.

19 (Whereupon, at 5:30 p.m., the meeting was
20 concluded.)

21
22

C E R T I F I C A T E

This is to certify that the attached proceedings
in the matter of:

RISK-BASED INSPECTION (RBI) PUBLIC WORKSHOP

GROUP 2

Arlington, Virginia

October 10, 2006

were held as herein appears, and that this is the
original transcription thereof for the files of the
United States Department of Agriculture, Food Safety
and Inspection Service.

Sean Williams, Reporter

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