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1
         BEFORE THE ILLINOIS POLLUTION CONTROL BOARD
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    IN THE MATTER OF:
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                                   )
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    ABBOTT LABORATORIES'
                                  )
    PROPOSED SITE-SPECIFIC )
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 7
    AMENDMENT TO APPLICABILITY )
8
    SECTION OF ORGANIC MATERIAL ) NO. R08-8
9
    EMISSION STANDARDS AND
                            ) (Rulemaking-Air)
    LIMITATIONS FOR THE CHICAGO
10
                                 )
    AREA; SUBPART T: PHARMACEUTICAL )
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12
    MANUFACTURING (35 ILL.ADM.CODE )
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    218.480(b)
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            REPORT OF PROCEEDINGS had before the
17
    ILLINOIS POLLUTION CONTROL BOARD held on March 8,
    2008, at 1:00 o'clock p.m. at the Libertyville
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    Village Hall, 118 Cook Road, Libertyville, Illinois.
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1 APPEARANCES:
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    MEMBERS PRESENT:
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    ANAD RAO, CHAIRMAN
    THOMAS E. JOHNSON, MEMBER
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    NICHOLAS J. MELAS, MEMBER
 б
7
    CHARLES MATOESIAN
8
    Illinois Environmental Protection Agency
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        On behalf of Abbott Laboratories;
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1	MS. CROWLEY: Good afternoon. This is
2	a hearing being conducted by the Illinois
3	Pollution Control Board in a matter of
4	our docket number R08-8 Abbott Laboratories
5	proposed site specific amendment to
6	applicability section of organic material
7	emission standards and limitations for the
8	Chicago, Subpart-T, Pharmaceutical
9	manufacturing at 35 Illinois Administrative
10	Code 218.408(b).
11	The Board opened this docket
12	October 4th to consider Abbott's proposal for
13	site specific rulemaking. In addition to
14	myself, present from the Board today are
15	seated to my immediate right, Board member
16	Nicholas J. Melas, who is the lead Board
17	member for this rulemaking. Seated to my
18	immediate left is Anad Rao, an environmental
19	engineer on the board's technical staff, and
20	seated to Mr. Rae's left is Board member
21	Thomas E. Johnson.
22	Board member Andrea Moore asked me
23	to remind you that she is abstaining from any
24	participation in the hearing or decision

1 making in this rulemaking as she owns a small amount of stock in Abbott and also has close 2 3 family members who are employed by Abbott. 4 Would you like to make any remarks at this 5 point, Mr. Melas? б MEMBER MELAS: Nothing else but to 7 welcome you all here. It will be a pleasure listening to the answers to the pre-filed 8 9 questions. 10 MS. CROWLEY: Today we're holding the first and only hearing currently scheduled in 11 this rule making. I see that there are no 12 members of the public present so I will cut 13 14 short the introductory remarks that we 15 usually make a little bit. The proceeding is governed by the 16 Board's procedural rules. All information 17 18 that is relevant and not repetitious is admitted into the record. The Board makes 19 its rulings on the basis of its sworn and 20 21 transcribed records. So the hearing officer 22 will be asked to swear in the witnesses. I also want to remind you that any questions 23 that may be posed today by any member of the 24

Board or staff are intended solely to develop 1 a complete and clear record for the Board and 2 3 are not intended to reflect any prejudgment 4 of the proposal. 5 The hearing today will consider б both the technical justification of the 7 proposal, as well as any economic impact of the proposed rules as required by Section 8 9 27-B of the Environmental Protection Act. On 10 October 18, 2007 the Board requested The Department of Commerce and Economic 11 Opportunity to conduct an economic impact 12 study. That department has not responded to 13 14 this request or pre-filed a study within the 15 45-day period the Act provides, so the Board will be basing its decision on the economic 16 information that is provided today and in any 17 post-hearing comments. The Board has 18 19 received pre-filed testimony in this 20 proceeding only from the two witnesses from 21 Abbott. We also have some pre-filed 22 questions that were developed by the Board and given to the parties on March 4, 2008. 23 So we will begin, I think, by asking the 24

1 attorneys to introduce themselves and then we will turn the proceedings over to Ms. Hodge 2 3 for Abbott. 4 MS. HODGE: Thank you very much. Good 5 afternoon, everyone. Thank you for allowing б us to come here today to present support for 7 our proposal. My name is Katherine Hodge, H-O-D-G-E, and I'm with the Hodge Dwyer 8 9 Zeeman here today representing Abbott 10 Laboratories. MR. MATOESIAN: Good afternoon. 11 I'm Charlie Matoesian. I'm with the Illinois 12 Environmental Protection agency. I'm hearing 13 14 appearing for the agency, although we are not 15 part of the filing per se. MS. HODGE: Also present with me today 16 on behalf of Abbott Labs is Mr. Steve 17 Ziesmann, right here. He is the senior 18 19 counsel for legal and regulatory compliance for Abbott. Diane Beno, to my immediate 20 21 left. She is the manager of Abbott's 22 operations in building AB16, some of which are the topic for this proceeding. Mr. Bob 23 Wells to her left, and Bob is the air manager 24

1	for environmental support in Abbott's global
2	environmental health and safety department
3	and then Mr. Keith Marhafka, and he is the
4	environmental health and safety manager for
5	building AB16.
6	MS. CROWLEY: I'm sorry, I didn't
7	catch the first and last names, if we could
8	say them again.
9	MS. HODGE: Steven Ziesmann,
10	Z-I-E-S-M-A-N-N. Diane Beno. Robert Wells.
11	You have that, and Mr. Keith Marhafka, M-A-R-
12	H-A-F-K-A.
13	MS. CROWLEY: Thank you.
14	MS. HODGE: And I have just a short
15	opening statement to make, and then we'll
16	move on to our two witnesses for today.
17	Abbott owns a pharmaceutical
18	manufacturing building located at 100 Abbott
19	Park Road in Unincorporated Lake County in
20	Libertyville Township, Illinois. Abbott
21	produces a number of pharmaceutical products
22	at this facility. And these operations are
23	subject to 35 Illinois Administrative Code,
24	Subpart-T, Pharmaceutical Manufacturing. As

it is currently written, Subpart-T, and in 1 particular section 218.480(b) contains 2 3 certain exemptions that are applicable to 4 Abbott's air suspension of coater dryers, 5 fluid bed dryers, tunnel dryers, and б accelacotas, a-c-c-e-l-a-c-o-t-a-s, located 7 in building AB16 of the facility. Today through our testimony and in 8 9 response to questions, we intend to 10 demonstrate that Abbott's proposal to amend these site specific exceptions will, one, 11 allow Abbott to use the combined actual 12 emissions from its effective tunnel bed 13 14 dryers and fluid bed dryers to determine the applicability of Subpart-T to these units; 15 and, two, decrease the overall VOM emissions 16 that would be allowed below the level of 17 historical actual emissions from the tunnel 18 19 dryers and fluid bed dryers as a group relating to the 35 Illinois Administrative 20 21 Code, Section 218.480(b), the VOM exemption, 22 while at the same time increasing operational flexibility by allowing preferential use of 23 the more efficient dryer or dryers for a 24

particular manufacturing campaign.

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The proposed amendment also will 2 3 not impose any new control requirements on 4 any other source other than Abbott's 5 facility. The proposed amendment will not б result in any increase in emissions. First 7 before offering testimony in support of our proposal, I would like to address a matter 8 9 raised in the hearing officer order dated January 31, 2008. As you know, Ms. Crowley 10 requested Abbott to address economic and 11 budgetary effects, issues associated with our 12 proposal. In that regard, the proposed rule 13 14 if adopted by the Board apply only to specific emission units within Abbott's 15 facility, and again the proposed rule will 16 allow for increased operational flexibility 17 at Abbott's facility which in turn will 18 result in more efficient and cost effective 19 production of pharmaceutical products. 20 21 Moreover the proposal will not impose any new 22 requirements upon the Illinois EPA, so there will be no budgetary effect. In light of the 23 limited and site specific nature of the 24

1 proceeding and the information set forth in 2 Abbott's proposal and the testimony to be 3 presented today in answers to questions, 4 Abbott believes there's sufficient 5 information in this record for the Board to б make an analysis of the economic and 7 budgetary effects of the proposal. However, Abbott would be happy to answer any questions 8 9 the Board may have on this topic. 10 Abbott will present two witnesses today, and first Ms. Diane Beno. She is the 11 plant manager of the portion of the Abbott 12 facility internally known as Building AB16. 13 14 Ms. Beno will provide information about the processes carried out in Building AB16 and 15 the products manufactured at that location. 16 Mr. Robert Wells is the air manager for 17 environmental support in Abbott's Global and 18 19 Environmental Health and Safety Department, and he will testify as to the technical 20 21 description of the process and dryers at 22 issue in this rulemaking. He will also discuss the current rule and explain how it 23 causes inefficiencies in the operations, and 24

1	then he will discuss the methods Abbott has
2	utilized in an attempt to alleviate those
3	inefficiencies. Finally, Mr. Wells will
4	discuss the emissions from the effected
5	dryers from both a historical and prospective
6	perspective. The testimony of these two
7	witnesses also will demonstrate that Abbott
8	has worked closely with the Illinois EPA and
9	the US EPA on this issue over the course of
10	several years. We thank both the Illinois
11	EPA and the US EPA for working with us in
12	trying to resolve this issue and we
13	appreciate Illinois EPA's participation here
14	today.
15	As set forth in Abbott's proposal
16	that was filed with the Board on September 4,
17	2007, Abbott's testimony today will focus on
18	the concept called the "Source Specific
19	Emissions Cap EIP." Abbott included a full
20	copy of the US EPA guidance document entitled
21	"Improving Air Quality With Economic
22	Incentives Program," and that was included as
23	Exhibit 2 to our initial proposal. The EIP

guidance provides direction on a number of

1	types of EIPs, including the source specific
2	emission caps. The EIP guidance provides
3	that there are fundamental principles that
4	must be included in every EIP; number one,
5	integrity; number two, equity; and three,
6	environmental benefit. All EIP's must
7	contain four elements that compose the
8	integrity principle: Surplus, quantifiable,
9	enforceable and permanent. Second, with
10	regard to the equity principle, all EIP's
11	must contain an element of general equity.
12	Finally as noted, all EIP's must demonstrate
13	environmental benefit.
13 14	environmental benefit. A source specific emissions cap
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14	A source specific emissions cap
14 15	A source specific emissions cap EIP allows a specified stationary source or a
14 15 16	A source specific emissions cap EIP allows a specified stationary source or a limited group of sources that are subject to
14 15 16 17	A source specific emissions cap EIP allows a specified stationary source or a limited group of sources that are subject to a rate based emission limit to meet that
14 15 16 17 18	A source specific emissions cap EIP allows a specified stationary source or a limited group of sources that are subject to a rate based emission limit to meet that requirement by accepting a mass based
14 15 16 17 18 19	A source specific emissions cap EIP allows a specified stationary source or a limited group of sources that are subject to a rate based emission limit to meet that requirement by accepting a mass based emission limit or cap rather than complying
14 15 16 17 18 19 20	A source specific emissions cap EIP allows a specified stationary source or a limited group of sources that are subject to a rate based emission limit to meet that requirement by accepting a mass based emission limit or cap rather than complying directly with the rate based limit. The US
14 15 16 17 18 19 20 21	A source specific emissions cap EIP allows a specified stationary source or a limited group of sources that are subject to a rate based emission limit to meet that requirement by accepting a mass based emission limit or cap rather than complying directly with the rate based limit. The US EPA's stated goal for this type of EIP is

1	federal guidance in formulating its proposal.
2	Mr. Wells will provide additional detail in
3	how Abbott's proposal is consistent with the
4	Federal guidance for source specific
5	emissions cap EIP's.
б	With that, if there are no
7	questions, I would like to move ahead with
8	the testimony of Ms. Diane Beno and Mr. Bob
9	Wells. And Ms. Beno is going to, her
10	testimony is short and she would like to go
11	ahead and read that into the record. Bob's
12	testimony, we're happy to enter into the
13	record as if read, but he would like to offer
14	a summary, and we'll be happy to move to
15	Board questions or, you know, to agency
16	questions as appropriate.
17	MS. CROWLEY: Can we go off the record
18	for a one moment.
19	(Discussion off the record, after
20	which the following proceedings
21	were had:)
22	MS. CROWLEY: Go back on the record.
23	We discussed briefly entering some of the
24	exhibits to the original proposal as hearing

1	exhibits just to keep the record tidy. So
2	the first Exhibit will be Exhibit 1, which is
3	an aerial photograph of Abbott Park and
4	vicinity in Libertyville Township and is so
5	labeled. The second will be the US EPA
6	document that is entitled "Improving Air
7	Quality With Economic Incentive Programs"
8	prepared by the United States Environmental
9	Protection Agency, dated January 2001, and
10	that is EPA document number EPA-452/R-01-001.
11	And then finally, the third exhibit is
12	Exhibit 3 entitled "Revised Exhibit 3," dated
13	2-29-08 entitled "Historical VOM Air
14	Emissions From Tunnel Dryers And Fluid Bed
15	Dryers At The Abbott Park Facility." For the
16	record this is slightly revised from the copy
17	that was attached as Exhibit 3 to Abbott's
18	original September 4th proposal. So those
19	are marked and entered into the record as
20	exhibits.
21	Now you may proceed.
22	MS. HODGE: Thank you. I do have
23	extra copies of this pre-filed testimony here
24	today, but I'm assuming everyone has a copy.

1 With that, I think we're ready to move ahead with Ms. Beno. And I'm not sure how you want 2 3 to handle the --MS. CROWLEY: I'm sorry, I didn't 4 5 quite hear that. б MS. HODGE: I think we're ready to 7 move forward. 8 MS. CROWLEY: Yes, go ahead. 9 (WITNESSES SWORN.) 10 DIANE BENO Having been first duly sworn, was examined and 11 testified as follows: 12 13 BY MS. BENO: 14 Thank you for the opportunity to 15 speak here today. My name is Diane Beno. I am the plant manager of the portion of the Abbott 16 Laboratories facility internally known as AB16. The 17 18 operations contained in AB16 produce intermediate 19 and final product formulations including liquids, tablets, capsules packaged in bottles and blister 20 21 formats. The general process flow includes receipt 22 of raw materials, weighing of ingredients, massing 23 and granulation of ingredients, coating tablets or 24 particles, printing symbols onto tablets and

1 packaging finished products for distribution.

2 Over the course of a year we 3 produce many different products in building AB16. 4 For example, we produce products that treat diseases 5 in the field of neuroscience such as epilepsy and б bipolar disorder. We make anti-viral products for 7 the treatment of AIDS. We manufacture products to 8 fight infection. We package products that help 9 patients achieve healthy cholesterol levels and 10 products that improve the lives of people with rheumatory arthritis, psoriasis and Crohn's disease. 11 12 We manufacture our products using batch production 13 processes. In batch production all of the 14 processing equipment in a process train, including 15 the dryers, manufactures one product at a time. 16 Each batch is completed before the manufacture of the next batch begins. In a typical process, the 17 active and inactive ingredients are combined with 18 19 the liquid in a process called massing. The massing 20 process forms uniform granules. The wet granules 21 are dried in tunnel dryers or in fluid bed dryers 22 and then further processed into tablets or capsules. 23 The massing fluid which is typically either water or 24 ethanol is evaporated from the solid material in the

1 drying step. If an organic solvent is volatilized from the dryer, it is emitted to the ambient air as 2 3 VOM or VOC. The quantity of VOM emissions will vary 4 for different products and is calculated from the 5 quantity of VOM added to the mixture and loss 6 factors defined for the dryers and specified in the 7 Clean Air Act Permitting Program permit for the facility. It's also important to note that the 8 9 organic solvent currently used in granulation and 10 dried from the granulated mixtures in building AB16 is ethanol. Ethanol is a VOM, but it's not 11 12 considered a Hazardous Air Pollutant or HAP. The 13 proposed site specific amendment will have no impact 14 on HAP emissions.

15 Abbott's proposed site specific amendment for building AB16 covers four tunnel 16 dryers and three fluid bed dryers. One additional 17 18 fluid bed dryer located in building AB16 is used 19 exclusively for research and development and is not 20 involved in the normal operating processes in 21 building AB16; therefore our proposed amendment does 22 not include that dryer. The tunnel dryers and fluid bed dryers operate on different principles. We have 23 24 some diagrams here to help explain this point, so

I'll go ahead and pass these out. I think this will
 help us make a point. I think this will be helpful
 as we get into the pre-filed questions later on. So
 as I stated --

5 MS. CROWLEY: Just one moment. I'd 6 like to mark this as Exhibit 4, if you have 7 no objection, and it's a single-page document 8 with a heading "Granulation Process Fluid Bed 9 Drawing." Thank you. Go ahead.

10 MS. BENO: The tunnel dryers and fluid bed dryers operator on different principles. 11 12 In the use of tunnel dryers depicted on the lower half of the exhibit, materials are 13 spread on trays and placed in a warming 14 15 chamber or tunnel that circulates warm air over and under the trays. As shown in the 16 upper portion of the diagram, a fluid bed 17 dryer is a large vertical cylindrical shaped 18 19 vessel with a diffuser that blows warm air up from the bottom of the vessel. The wet 20 21 intermediate granules are loaded into the 22 dryer, and flow upward suspended in a warm 23 air stream.

24 Abbott has increased its use of

1	fluid air dryers for recently developed
2	products because they are more efficient and
3	produce a more uniform product than the
4	tunnel dryers. Abbott anticipates increased
5	use of water for massing fluid in future
6	products, and Abbott expects that this
7	preferential use of fluid bed dryers and
8	water based products will continue. That is,
9	many new products are expected to use fluid
10	bed dryers and water based formulations,
11	while older products continue to be
12	manufactured using tunnel dryers.
13	Batches of specific products are
13 14	Batches of specific products are typically manufactured using either one or
14	typically manufactured using either one or
14 15	typically manufactured using either one or more tunnel dryers or one or more fluid bed
14 15 16	typically manufactured using either one or more tunnel dryers or one or more fluid bed dryers, but not both because the technologies
14 15 16 17	typically manufactured using either one or more tunnel dryers or one or more fluid bed dryers, but not both because the technologies are not interchangeable. Individual dryers
14 15 16 17 18	typically manufactured using either one or more tunnel dryers or one or more fluid bed dryers, but not both because the technologies are not interchangeable. Individual dryers of the same type can typically be used in
14 15 16 17 18 19	typically manufactured using either one or more tunnel dryers or one or more fluid bed dryers, but not both because the technologies are not interchangeable. Individual dryers of the same type can typically be used in combination or interchangeably in many cases,
14 15 16 17 18 19 20	typically manufactured using either one or more tunnel dryers or one or more fluid bed dryers, but not both because the technologies are not interchangeable. Individual dryers of the same type can typically be used in combination or interchangeably in many cases, but specific dryers are preferable for
14 15 16 17 18 19 20 21	typically manufactured using either one or more tunnel dryers or one or more fluid bed dryers, but not both because the technologies are not interchangeable. Individual dryers of the same type can typically be used in combination or interchangeably in many cases, but specific dryers are preferable for combining with other equipment in a process

1 processes whereby each manufacturing process 2 train and its associated equipment, including 3 the dryers, produces one product at a time in 4 fixed batch sizes. Process trains are 5 designed to accommodate batches of different б scales with some for large batches and some 7 for small batches. Therefore, the scale of a given batch plays an important role in 8 9 determining which of the dryers will be most efficient. Additionally, in accordance with 10 the U.S. Food and Drug Administration current 11 good manufacturing processes, extensive 12 equipment cleaning is required between 13 batches of different products, resulting in 14 up to three days of lost production time. 15 Therefore Abbott uses a campaign strategy to 16 continue running batches of the same product 17 consecutively in the process train to 18 19 minimize this cleaning time. As currently written 218.480(b) 20 21 effectively defines a 12 month total VOM 22 limit on each individual dryer. This can limit Abbott's ability to schedule the 23 campaigns of certain products to maximize the 24

1	efficiency of the processes. In other words,
2	to insure compliance with the current 12
3	month VOM limit on each dryer for a
4	particular batch, Abbott may be required to
5	utilize a dryer with a low VOM emissions
6	during the last 12 months, instead of using
7	the dryer that is most efficient from a
8	production scale standpoint. Such selection
9	of dryers is based only on the amount of VOM
10	that has been emitted from an individual
11	dryer during the preceding 12 months is an
12	inefficient approach to the scheduling of
13	Abbott's equipment and resources.
13 14	Abbott's equipment and resources. Additionally, the dryer selected for a given
-	
14	Additionally, the dryer selected for a given
14 15	Additionally, the dryer selected for a given campaign also depends on dryer availability
14 15 16	Additionally, the dryer selected for a given campaign also depends on dryer availability and other factors. For example, one dryer
14 15 16 17	Additionally, the dryer selected for a given campaign also depends on dryer availability and other factors. For example, one dryer may be temporarily out of use to allow for
14 15 16 17 18	Additionally, the dryer selected for a given campaign also depends on dryer availability and other factors. For example, one dryer may be temporarily out of use to allow for cleaning or for unscheduled maintenance
14 15 16 17 18 19	Additionally, the dryer selected for a given campaign also depends on dryer availability and other factors. For example, one dryer may be temporarily out of use to allow for cleaning or for unscheduled maintenance requirements; therefore the standards as
14 15 16 17 18 19 20	Additionally, the dryer selected for a given campaign also depends on dryer availability and other factors. For example, one dryer may be temporarily out of use to allow for cleaning or for unscheduled maintenance requirements; therefore the standards as currently defined can result in wasted
14 15 16 17 18 19 20 21	Additionally, the dryer selected for a given campaign also depends on dryer availability and other factors. For example, one dryer may be temporarily out of use to allow for cleaning or for unscheduled maintenance requirements; therefore the standards as currently defined can result in wasted resources by requiring Abbott to dry a small

1 from a dryer result in a quantity of organic solvent removed from the different products 2 3 processed in a dryer over a 12-month rolling 4 period. The material is processed in a 5 number of individual campaigns for particular б products each consisting of multiple 7 individual batches. The assignment of a campaign of a particular product to one or 8 9 more dryers involves a number of operating 10 factors, such as the scale and equipment availability that contribute to the 11 efficiency of manufacturing. The VOM 12 emission threshold effectively acts as an 13 overriding factor that can force a particular 14 15 production campaign with VOM emissions to be scheduled using equipment that has low enough 16 recent emissions to avoid exceeding a dryer's 17 threshold, but that may not otherwise be the 18 19 optimal or most efficient equipment for the campaign. This scheduling shift increases 20 21 the operational cost, but results in no 22 environmental benefit because the actual emissions will be the same as if the campaign 23 24 would have used the optimal equipment.

1	In order to assure Abbott's Lake
2	County manufacturing facilities remain
3	competitive with our national and global
4	competitors Abbott must continually seek ways
5	of making our manufacturing operations more
б	efficient. The scheduling inefficiency
7	created by Subpart-T was identified as one
8	area where improvements in efficiency could
9	be made and is the basis for the proposed
10	amendment. This seems particularly
11	appropriate as the business costs created by
12	this efficiency results in no environmental
13	benefit. The most efficient method to
14	manufacture Abbott's products in AB16 would
15	be to use the dryer that is best suited to
16	the requirements of the production schedule
17	and scale, regardless of the amount of VOM
18	that has been emitted from that dryer in the
19	past 12 months. Provided that the combined
20	VOM emissions from all of the dryers are less
21	than the combined amount allowed under
22	section 218.480(b), this method of operation
23	would not require an increase in allowable
24	VOM emissions from the facility. In fact,

1 the proposed amendment would provide Abbott improved production flexibility to utilize 2 3 the most efficient dryers for a given product 4 while significantly lowering the total 5 allowed VOM emissions for all of the dryers б combined. 7 Thank you. I'll be happy to 8 answer any questions. 9 MS. HODGE: Shall we move on to Bob. 10 Why don't you go through a summary of your testimony, and then we'll be happy to turn to 11 the Board's questions well. 12 MS. CROWLEY: That's certainly 13 14 acceptable. MR. WELLS: I am going to attempt to 15 summarize my testimony in a shorter summary 16 than the actual testimony. My name is a 17 18 Robert Wells. I'm air manager for 19 Environmental Support in Abbott's Global EHS Department. I've been assisting the EHS 20 21 staff with regulatory statutes with our 22 proposal, and I'm going to touch on some of 23 the technical points that relate to why we proposed what we did and where we see that 24

we're consistent with the approaches that we've proposed.

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3 The concern today is for 4 provisions applicable to seven of the Abbott 5 parking units, four tunnel dryers and three б fluid bed dryers. Subpart-T requires VOM 7 controls for tunnel dryers and fluid bed dryers if their annual emissions exceed 8 9 seven-and-a-half tons per year for an 10 individual tunnel dryer and five tons per year for individual fluid bed dryers. 11 The seven units therefore have a total potential 12 emissions without control of 45 tons per 13 14 year. Because of the cost associated with VOM control for this type of equipment, it is 15 impractical to add control. So effectively 16 the limits before control is required act as 17 upper limits on the air emissions from the 18 seven units. The actual emissions from these 19 20 units vary year to year based on the quantity 21 of production and based on the different 22 materials produced. In recent years the tunnel dryer emissions have varied from 23 six-tenths of a ton to 5.6 per year, each 24

1 year. Fluid bed dryer emissions have varied from .1 tons to 3.9 tons per year each where 2 3 the units have been operating. And you can 4 see from Exhibit 3 that's where those numbers 5 came from, although they were not in my б pre-filed testimony. 7 Abbott sought solutions to eliminate manufacturing constraints that 8 9 effected the efficiency of the overall 10 operation, and two options were initially considered. One be would be to request an 11 increase in the threshold that would have to 12 be exceeded before control were required, and 13 the second would be to refine Subpart-T so 14 that the individual unit control would be 15 applied as a group to the combined emissions 16 of the combined allowed emissions of the 17 seven dryers. We evaluated the alternatives, 18 19 and we did some analysis that demonstrated to us that it would be justifiable to increase 20 21 the limit for each dryer, that the cost of 22 control was such that at the levels that the threshold of requiring control and at higher 23 24 levels, that the cost would be beyond

reasonably available control technology or RACT.

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3 Considering the combined emission 4 controlled threshold, we determined that the 5 flexibility that we were looking for would б fit well within that so that there was -- we 7 could go forward with that program without increasing the allowable emissions from the 8 9 units. We discussed these alternatives with 10 Illinois EPA and later with both IEPA and US EPA through our attorneys Hodge Dwyer Zeeman. 11 And IEPA and US EPA identified a third 12 alternative that was preferable to them and 13 14 that was a source specific emission cap, 15 SSEC, under US EPA's economic incentive program or EIP. The source specific emission 16 cap would allow us to combine our future 17 emission limits for all the dryers but set to 18 19 a limit below the historical actual emissions 20 rather than the previously allowable 21 emissions or emissions allowable without 22 control. The historical emissions could be based on a concept called baseline actual 23 emissions defined as the highest two year 24

1 period in the last ten years. I know there 2 was some confusion about that following my 3 filing of the pre-filed testimony and we're 4 prepared to answer that question in detail 5 when we go through the prepared questions. 6 This is a change from the original definition 7 of historical actual emissions that the US EPA included in their 2001 guidance. Abbott 8 9 reviewed the actual emissions that we've had 10 from the dryers in the most recent ten years, and we identified the maximum two-year period 11 12 with emissions of 22.9 tons per year in 1999 and 2000. As I'll discuss later, a reduction 13 of ten percent of that level is applied to 14 15 insure environmental benefit and that results in an emission limit for the seven units of 16 20.6 tons per year. This restriction would 17 be less than half of the 45 ton per year 18 19 effective limit that now applies to the seven units taken together. This significantly 20 21 lower allowable limit though is acceptable to 22 Abbott's anticipated business and meets our needs for flexibility. 23 24

Abbott considered the requirements

1 of the EIP program in going forward with this in order to define our conformance with the 2 3 three general principles for an EIP, 4 integrity, equity and environmental benefit. 5 Integrity, the integrity principle focuses on б the emission reductions themselves and 7 requires them to be surplus, bonafiable, enforceable and permanent. This proposal 8 9 satisfies those conditions. The emissions 10 are surplus because our future allowable emissions will be below past baseline 11 12 emissions for the dryers. Our emissions are quantifiable because the VOM emissions can be 13 readily calculated from process record 14 15 keeping as established in the facility's title five permit. The limits are 16 enforceable because they will be included in 17 Illinois's state implementation plan and also 18 19 in our Title V permit for Abbott Park and 20 they are permanent for the same reason. They 21 will be established as continuing limits on 22 our operations. The proposed program satisfies the 23

equity principle because it involves only

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1 emissions at one facility. There is no instance of relative increases and decreases 2 3 that must be balanced against one another. 4 The program satisfies the environmental 5 benefit principle because future emissions б will be reduced by ten percent below our 7 baseline actual emissions. So in summary, the proposal limits 8 9 our maximum future allowable emissions to a 10 level below what we historically had really in the course of the variations in our 11 manufacturing, but it will give us the 12 flexibility to operate more efficiently. 13 14 Thank you. I'll be happy to 15 answer any further questions. MS. HODGE: Thank you very much. 16 We're ready to move on to the Board's 17 questions unless counsel for Illinois EPA has 18 19 anything now? MS. CROWLEY: If we could first mark 20 21 as Exhibit No. 5, the pre-filed testimony 22 submitted by Mr. Wells on February 22nd, as I'm sure he would like the complete testimony 23 included in this record. 24

MS. HODGE: Yes, he would. 1 MS. CROWLEY: We will do that. 2 3 MS. HODGE: Now, we'll turn to the 4 questions of the Board that were included in 5 the hearing officer order dated March 4, б 2008. 7 MS. CROWLEY: And let's mark that as Exhibit 8. 8 9 MS. HODGE: And we're not going to 10 read the questions. We'll just go straight to the answers, if that's acceptable. 11 MS. CROWLEY: Unless you are more 12 comfortable having us read the questions, we 13 14 can dispense with that. MS. HODGE: Okay. Then we'll probably 15 answer the questions certainly in order. And 16 No. 1, we'll start with --17 MR. WELLS: Question 1-A refers to 18 19 whether the economic feasability for the original rule making still applies? The 20 21 answer to that is yes. As a part of this 22 process we analyzed the cost of control using a methodology developed by the United States 23 EPA for what's referred to as BACT analysis, 24

1	Best Available Controlled Technology, and
2	using this analysis we found that the cost of
3	control was continued to be significantly in
4	excess of what's normally considered
5	reasonably available control technology. So
6	essentially the economics have not changed.
7	And as to question 1-B, there have been no
8	fundamental changes in emission control
9	technology that would be applicable to the
10	facility since that original rule making. So
11	what we were looking at were the same control
12	technologies that were considered at that
13	time.
13 14	time. MEMBER RAO: We're fine with that.
14	MEMBER RAO: We're fine with that.
14 15	MEMBER RAO: We're fine with that. MS. HODGE: Thank you. And let's move
14 15 16	MEMBER RAO: We're fine with that. MS. HODGE: Thank you. And let's move on to the Board's question No. 2 dealing with
14 15 16 17	MEMBER RAO: We're fine with that. MS. HODGE: Thank you. And let's move on to the Board's question No. 2 dealing with emission trends.
14 15 16 17 18	MEMBER RAO: We're fine with that. MS. HODGE: Thank you. And let's move on to the Board's question No. 2 dealing with emission trends. MS. BENO: Okay. 2-A is in regard to
14 15 16 17 18 19	MEMBER RAO: We're fine with that. MS. HODGE: Thank you. And let's move on to the Board's question No. 2 dealing with emission trends. MS. BENO: Okay. 2-A is in regard to the lower actual emissions since 2000.
14 15 16 17 18 19 20	MEMBER RAO: We're fine with that. MS. HODGE: Thank you. And let's move on to the Board's question No. 2 dealing with emission trends. MS. BENO: Okay. 2-A is in regard to the lower actual emissions since 2000. That's due to many factors. For example,
14 15 16 17 18 19 20 21	MEMBER RAO: We're fine with that. MS. HODGE: Thank you. And let's move on to the Board's question No. 2 dealing with emission trends. MS. BENO: Okay. 2-A is in regard to the lower actual emissions since 2000. That's due to many factors. For example, pharmaceutical manufacturing business

1 market factors and patient demand. So therefore, as I stated in the testimony, 2 3 different products emit different levels of 4 VOM. So product mix is a primary factor in 5 regard to the variability of our emissions. б MEMBER RAO: Has there been any change 7 in terms of production itself because when we look at this, we see some variation but there 8 9 is also a significant, you know, reduction in 10 VOM emissions since 2000? MS. BENO: As stated in the testimony 11 12 many new products where possible utilize water based massing fluid, and so we make an 13 14 attempt using water instead of ethanol or 15 other VOM. So therefore the new products that have been introduced to the facility 16 typically have used water based solvents. 17 MEMBER JOHNSON: And there's no VOM 18 19 produced when you use water as a fluid? MS. BENO: No, no. 20 21 MEMBER RAO: Do you anticipate VOM 22 emissions to increase over time? MS. BENO: We don't anticipate them to 23 24 increase over time.

1	MEMBER MELAS: I have a question. You
2	stated earlier that the fluid bed drying is a
3	more efficient way of doing it. Do you
4	contemplate over the course of time now that
5	you will be phasing out the tunnel drying
6	equipment and concentrate on buying or
7	purchasing new fluid drying equipment?
8	MS. BENO: No, that's not currently
9	the plan. In fact, the products that we
10	manufacture in the tunnel dryers, we will
11	continue to manufacture those in the tunnel
12	dryers. To switch between the technologies
13	can have an impact on the safety or efficacy
14	of the drug product. So it would require a
15	lengthy amount of process development and
16	studies potentially, even clinical trials, so
17	that is the lengthy FDA process I referred
18	to.
19	MEMBER MELAS: You say there is a
20	one-on-one relationship to the type of
21	product to the type of dryer?
22	MS. BENO: Yes, absolutely.
23	MEMBER JOHNSON: Let me ask then.
24	There is then in your mind a potential any

1	way that your company will begin some time in
2	the future to manufacture products that
3	either can't use the water as a massing fluid
4	and have to use ethanol; there is a potential
5	that you'll get back up to VOM rates
6	comparable to what they were in '99 and 2000?
7	MS. BENO: I wouldn't rule it out. It
8	certainly wouldn't be our intent, but I
9	wouldn't rule out the possibility.
10	I'll move on to B?
11	MS. HODGE: Yes.
12	MS. BENO: B is in regard to tunnel
13	dryer number four specifically, and in
14	Exhibit 3 it was noted that there was no VOM
15	from tunnel dryer three since 2005, and based
16	on Abbott's production needs, tunnel dryer
17	No. 4 has not been in use since 2005.
18	However, it remains fully validated and
19	maintained and available for use should
20	production needs demand. So it serves us as
21	a back up in the event that one of the other
22	tunnel dryers would become unavailable for
23	use.
24	MEMBER RAO: Since the emissions for

1	all these dryers that you have listed in
2	revised Exhibit 3 are significantly lower
3	than the applicable limits, does Abbott have
4	enough flexibility under the current rule
5	itself or do you need to have the combined
6	limit to provide you that flexibility?
7	MS. BENO: We believe we need the
8	combined limit to provide flexibility.
9	MEMBER RAO: Can you explain a little
10	more why, if you don't have enough
11	flexibility under the current rule?
12	MS. BENO: It's based on the highly
13	variable nature of the product mix in the
14	facility. So in the event we were to run
15	more or some the products that have an
16	ethanol based mass in fluid, it would prevent
17	us from using the most effective and
18	efficient equipment.
19	MEMBER RAO: Have you had that kind of
20	situation in the past?
21	MS. BENO: What specific situation?
22	MEMBER RAO: Where you were not able
23	to use whatever dryer you wanted to under the
24	current rules.

1	MS. BENO: It's become very close.
2	MEMBER RAO: Looking at this data that
3	you have provided, fluid bed dryer 3
4	obviously could be the one which is kind of
5	closer to its limit?
6	MS. BENO: Right.
7	MEMBER RAO: Is that a situation where
8	you see and you'd need to use another dryer
9	similar to that again?
10	MS. BENO: Yes, absolutely. Fluid bed
11	dryer 3 in Exhibit 3, as you noted, has
12	reached 3.9 in recent years which approaches
13	our current limit.
14	MEMBER RAO: Thank you.
15	MS. HODGE: Let's move on to the
16	questions in the Board's order relating to
17	the pre-filed testimony of Ms. Beno, and
18	question No. 1.
19	MS. BENO: This is in regard to the
20	type of organic massing fluid that we
21	currently use, and ethanol has been the only
22	organic massing fluid that we've used in
23	building AB16 during the ten-year period
24	under review for this proposal. I do want to

1 note that prior to late 2002 the type of ethanol used was denatured ethanol which 2 3 contains a small percentage of methanol as 4 the denaturant, but since late 2002 we've 5 converted to all beverage grade ethanol which б does not contain methanol as the denaturant. 7 MS. HODGE: Question number two? MS. BENO: Again, number two is in 8 9 regards for the basis for choosing the 10 massing fluid, and the choice of massing fluid is dependent on the particular 11 12 properties of a product. For example, the relative solubility of the product in either 13 14 water or ethanol plays a key role in determining which solvent will be required 15 for the massing fluid. So it's really 16 related to the various properties of the 17 product we're intending to manufacture 18 19 whether or not water is an option for us or 20 not. 21 MEMBER RAO: So it's got nothing to do 22 with the type of dryer you are using; it's all the product you are manufacturing? 23 MS. BENO: No, either can be used in 24

either	dryer.	Water	or	ethanol	can	be	used
in eith	ner dryir	ng tech	nno	logy.			

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3 MS. HODGE: Question number three? 4 MS. BENO: No. 3, this is in regard to 5 increased use of fluid bed dryers and water for massing fluid. Abbott does in fact б 7 expect there will be an increased mass for water in new products as I indicated. It's 8 9 not practical to change the ethanol based 10 processes to a water based process because of the FDA considerations that I indicated 11 before had the opportunity to influence the 12 safety and efficacy of the product. But we 13 14 do consider the type of massing fluid as we developed new products with a preference to 15 using water. So accordingly we expect there 16 will be an increased use of water for the 17 massing fluid for new products. Questions 18 19 there?

20 B, this is in regard to the use of 21 water to avoid VOM emissions. And in fact 22 VOM emission avoidance is one of several 23 factors that we consider as one of the 24 benefits resulting from increased use of

water for the massing fluid. Other benefits 1 include increased raw material costs, reduced 2 3 worker exposure to organic materials in the 4 work place and improved safety due to 5 reduction of flammable solvents. б In regard to C, water based 7 products are preferable for a number of reasons. As described previously, they are 8 9 preferable because they don't contribute to 10 VOM emissions, reduced raw material costs, reduced worker exposure and improve overall 11 safety to the facility. Those were similar 12 questions. 13 14 In regard to the fluid bed dryers being more efficient, it's mainly related to 15 the way they operate. If you refer to the 16 diagram, you can see in a fluid bed dryer, 17 individual granules, very small pieces of the 18 19 product are airborne in the warm air stream and the air moves around freely on all 20 21 surfaces of the particle or granule drying 22 the drying process. This results in a much more even drying process and higher quality 23 end product because of the evenness of the 24

1	drying. Tunnel dryers on the other hand are
2	like cookie sheets in an oven. You hand-load
3	the material onto the cookie sheet, onto the
4	big rack, push the rack into the tunnel dryer
5	and it's exposed to air movement in the
6	tunnel. What can happen in a tunnel dryer
7	similar to in baking, you could have parts of
8	the cookie that are more done than other
9	parts of the cookie. Whereas in the fluid
10	bed drying technology, a smaller portion of
11	the product is exposed to the warm air across
12	the entire surface. So it makes for a much
13	more uniform drying process which makes the
14	downstream processing much easier.
15	MEMBER RAO: I think you answered 4B
16	already.
17	MS. BENO: Yes, yes. Thank you.
18	MS. HODGE: Number five?
19	MS. BENO: Selection of the dryers.
20	One example of the inefficiencies created by
21	the current rule is that the most
22	appropriately sized equipment may not be
23	chosen. As I mentioned in the testimony, we
24	have small scale process trains and large

1	scale process trains. Now, in the event that
2	the small scale process train would be
3	approaching its limit, we may be forced to
4	use the large scale process train to process
5	smaller batches than would normally be
б	processed in that particular process train.
7	So that is the main consideration in regards
8	to inefficiency of the scheduling that could
9	be influenced by the current rule. It's much
10	like flying a plane half full or running a
11	dishwasher half full, you are not utilizing
12	the full capacity of the equipment in that
13	particular area.
14	MR. RAO: In this regard, I didn't see
15	any information about the drying capacity of
16	these dryers. Are they all about the same or
17	each dryer is different.
18	MS. BENO: It has to do with the
19	processing suits that they are in. We have
20	one dryer in one processing suit, and we have
21	two dryers in another processing suit.
22	That's our large scale processing train
23	versus our small scale processing train. As
24	I mentioned, you can only run one product in

1	a process train at any given time.
2	MEMBER RAO: Thank you.
3	MS. BENO: So there was one final
4	question regarding how we select which dryer
5	to use for a given campaign. And the
6	selection of dryers is mainly based on the
7	technology first. As I mentioned there is a
8	one to one relationship of which product goes
9	in which type of technology. Meaning a
10	tunnel dryer or a fluid bed dryer. The
11	second consideration would be the scale,
12	whether it's a large scale batch or a small
13	scale batch, and then the third consideration
14	is general availability; do we have more
15	products running in one size suit than the
16	other or is one of the suits down for
17	maintenance or cleaning. So those are the
18	critical factors that we consider when
19	scheduling the production in the dryers.
20	MEMBER RAO: Thank you.
21	MEMBER JOHNSON: The amount of VOM
22	produced is dependent upon the amount of
23	ethanol, use not on your choice of which
24	drying

1	MS. BENO: Absolutely because we're
2	going to be drying to the specification of
3	the product so we'll always be drying off the
4	same amount of VOM for a given product for a
5	given batch.
6	MS. HODGE: Thank you. Anything else?
7	MS. CROWLEY: Mr. Matoesian, have you
8	had any questions?
9	MR. MATOESIAN: No, not so far.
10	MS. CROWLEY: I've been keeping an eye
11	on you, but I just wanted to state it for the
12	record.
13	MS. HODGE: Let's move on to the
14	questions of the pre-filed testimony of
15	Mr. Wells.
16	MR. WELLS: I talked briefly earlier
17	about the two-year period. What has happened
18	is that there has been a change in philosophy
19	on the conceptual level in US EPA's
20	application of historical emissions.
21	The definition of historical
22	actual emissions that appears in the 2001
23	guidelines, the US EPA developed is the same
24	as the concept in prevention of significant

1	deterioration, PSD, or non-attainment new
2	source review, netting that US EPA has
3	previously used and what was in place at the
4	time; that is , the two years immediately
5	preceding the action or another two year
б	period, if it's determined to be more
7	representative. There's been a lot of
8	problems historically in the determination of
9	whether a particular period is
10	representative, and the US EPA in 2002
11	changed the definition of actual emissions.
12	They defined a term "baseline actual
13	emissions" for the PSD and the non-attainment
14	new source review program. And what they
15	said was that you can use any 24-month period
16	in the preceding ten years. That assures
17	that you can look back far enough to see a
18	representative business cycle so that you can
19	see the periods when your normal fluctuation
20	of business would result in relatively higher
21	emissions. But at the same time it gives a
22	simple concrete basis to make that decision.
23	That was originally suggested to us in the
24	conversations that our attorneys had with

1 IEPA and with US EPA. That was the recommended interpretation at the time, and 2 3 as we understand it, US EPA guidance is now, 4 their guideline on the EIP process, which is 5 not a regulation. It is guidance, is being б interpreted differently to allow the use of 7 that two-year period as far back as ten years. I'll also point you to the revised 8 9 Exhibit 3. If you notice, 1999 and 2000 were 10 the highest years. 1998 was actually lower than the emissions in either 1999 or 2000. 11 So it is in fact a peak that we are talking 12 about rather than just a continuing decline. 13 14 MEMBER RAO: And, Mr. Wells, do you 15 have any specific US EPA publication or memorandum that talks about this change in 16 their policy? 17 MR. WELLS: Well, the baseline actual 18 19 emissions were established in a federal register notice amending the PSR rules at 67 20 21 Federal Register 80.186. 22 MEMBER JOHNSON: We, as good corporate citizens, it's to your benefit to keep your 23 VOM emissions as low as possible, but what 24

1	you want to be able to do, at least I take it
2	is, that the demand for whatever product you
3	are producing in 1999 and 2000 were to return
4	and you had to use the same drying system or
5	use the ethanol rather than water on that to
б	develop that or make that particular product,
7	you want to be covered so that you can do
8	that and fulfill the demand. And that's why
9	even though these VOM emissions are at least
10	twice as much as the next five years, that's
11	why you want to have that set as your
12	baseline?
13	MR. WELLS: Exactly.
13 14	MR. WELLS: Exactly. MS. HODGE: And, again, just to note
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14	MS. HODGE: And, again, just to note
14 15	MS. HODGE: And, again, just to note for the record, that historical baseline is
14 15 16	MS. HODGE: And, again, just to note for the record, that historical baseline is being reduced by ten percent, you know, in
14 15 16 17	MS. HODGE: And, again, just to note for the record, that historical baseline is being reduced by ten percent, you know, in the limit that we're requesting.
14 15 16 17 18	MS. HODGE: And, again, just to note for the record, that historical baseline is being reduced by ten percent, you know, in the limit that we're requesting. MEMBER JOHNSON: And in fact, the
14 15 16 17 18 19	MS. HODGE: And, again, just to note for the record, that historical baseline is being reduced by ten percent, you know, in the limit that we're requesting. MEMBER JOHNSON: And in fact, the reduction from what it is now is
14 15 16 17 18 19 20	MS. HODGE: And, again, just to note for the record, that historical baseline is being reduced by ten percent, you know, in the limit that we're requesting. MEMBER JOHNSON: And in fact, the reduction from what it is now is significantly more than that. If you ran all
14 15 16 17 18 19 20 21	MS. HODGE: And, again, just to note for the record, that historical baseline is being reduced by ten percent, you know, in the limit that we're requesting. MEMBER JOHNSON: And in fact, the reduction from what it is now is significantly more than that. If you ran all of your dryers at capacity, you would produce

1	MR. WELLS: Over half, a little over
2	half.
3	MEMBER RAO: Thank you.
4	MR. WELLS: Question two, I think it
5	kind of follows question one.
б	MS. HODGE: We're good there. Shall
7	we move on the economic incentive program
8	guidance? Question No. 1. And this is
9	something that we thought might be more
10	properly addressed to the Illinois EPA.
11	MR. MATOESIAN: That's fine. Charles
12	Matoesian speaking. With me today I have
13	Mr. Yoginder Mohajan (Phonetic), who is an
14	engineer with the Illinois Environmental
15	Protection Agency, he is here to answer some
16	questions from the board. He is currently in
17	the air quality planning section of the
18	Bureau of Air and has prepared some answers
19	for these questions.
20	MS. CROWLEY: Would you swear him in?
21	YOGINDER MAHAJAN
22	having been first duly sworn, was examined and
23	testified as follows:
24	Question No. 1 on page three, the

1 quidance states that the quidance applies if state applies --2 MS. CROWLEY: Off the record. 3 4 (Discussion off the record.) 5 MS. CROWLEY: Go back on the record. б MR. MAHAJAN: The answer to the 7 question, I spoke with the US EPA, Mr. Steve Rosenthal. He told me that the option of the 8 9 EIP is not required. It is recommended. It 10 is nice if you have it adopted, but it's not required and the agency's intention is not to 11 adopt it. It will deal with it on a case by 12 13 case basis. Question No. 2, yes, the agency 14 has discussed this with the US EPA and 15 confirmed that this amendment is consistent 16 17 with the EIP guidelines. 18 No. 3, yes. And question No. 3B is also no. Regarding emissions being 19 surplus is there any concern? No we don't 20 21 have any concern. It's discussed with the US 22 EPA, and they said that it is consistent with 23 the EIP guidelines. MEMBER RAO: Thank you. 24

1 MS. HODGE: Do you have any other 2 questions? 3 MEMBER RAO: There was one question 4 about the proposed amendment. 5 MS. HODGE: We're ready to move to б that. 7 MEMBER RAO: No follow-ups. MS. CROWLEY: Do you have any 8 9 follow-ups for this. 10 MS. HODGE: No. So we'll move on to the question on the proposed amendments, 11 12 question No. 1. 13 MR. WELLS: Yes. The only concern that we had with the specification of the 14 equipment was that we not specify that --15 28.480(b) now covers the entire facility, 16 17 more than just building AB16. We would not 18 have a problem if the specification were made on the SSEC that we've been discussing today. 19 As far as specifically 218.480(b)(4), as far 20 21 as the general applicability of 218.480(b), 22 it's our understanding that still applies to the facility, and it is possible that we 23 might find the need to install a fluid bed 24

1	dryer in another building for a totally
2	unrelated manufacturing process.
3	MEMBER RAO: You are comfortable with
4	the way the rule is proposed now?
5	MR. WELLS: That's correct.
6	MEMBER RAO: I think that question was
7	triggered because the way 218.480(b) is now
8	currently written, Abbott's name is not
9	mentioned in that section at all. And I know
10	it's highly unlikely that somebody else would
11	set up shop with four dryers and give them
12	names and take advantage of this rule, but in
13	most of our site specific rules we have the
14	name of the company involved in it. So I
15	just wanted to know what your thoughts were
16	on it.
17	MR. WELLS: In terms of identifying
18	the company, I don't think we have any
19	objection to it. The drafting of the
20	original rule was before my time. I'm not
21	sure where the language came from, but that
22	wouldn't be a problem. Again, the only thing
23	we wanted to be sure was that it wasn't
24	defined specifically to cover building AB16,

1 just to allow us the same flexibility in the future. 2 3 MEMBER RAO: Okay. 4 MEMBER JOHNSON: The road is named 5 after you so -б MEMBER RAO: Thank you very much. 7 MS. HODGE: Thank you. We have one more issue that we'd 8 9 like to address, and this deals with a 10 request that has been made by US EPA through the Illinois EPA, and they had asked if we 11 could submit to them some of the supporting 12 emission calculations for the baseline years, 13 1999 and 2000. We've talked with IEPA about 14 how the emissions are calculated and US EPA 15 wants a little bit more information. We are 16 currently preparing that, and we will submit 17 additional information in response to that 18 request subject to CBI, confidential business 19 20 information requirements on that. So that 21 will be forthcoming, and I understand from 22 talking with counsel for IEPA, that you would 23 like to have some of that in this board's record, that IEPA would like to have some of 24

1 that in the Board's record.

2	MS. CROWLEY: I understand that.
3	Please if any of it is confidential business
4	information or trade secrets, that when it is
5	submitted that it is properly submitted with
6	a redacted copy, as well as the copy that you
7	would like to have protected so that there
8	isn't any problem with that.
9	MS. HODGE: We can do that, and we
10	will work with IEPA and Mr. Steve Rosenthal
11	at US EPA to make sure that everyone is
12	comfortable with what we submit.
13	With that, I don't have anything
14	else.
15	MR. MATOESIAN: We have nothing.
16	MS. CROWLEY: One little left over bit
17	was the motion to file the amendment, Exhibit
18	3, and the motion to amend the proposal
19	specifically as it regards proposed
20	218.480(b)(4) to reflect the change to the 90
21	percent baseline calculations. Do you have
22	any objection to that?
23	MR. MATOESIAN: No.
24	MS. CROWLEY: Thank you. That motion

then is granted. Let's go off the record for a moment.

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3 (Discussion off the record.) 4 MS. CROWLEY: Back on the record. We 5 have had a brief discussion about what would б be a reasonable post-hearing comment period. 7 We have chosen May 1st as the close comment period date subject to an extension if 8 9 necessary to allow completion of data 10 gathering for US EPA or if any other person needs additional time. We specifically do 11 request that the agency file, even if short, 12 some comment on this record indicating their 13 view of whether this rule should or should 14 15 not be granted. If there is nothing else --MR. MATOESIAN: We can say, the Agency 16 can state that it supports the petition. 17 MS. CROWLEY: Okay, fine. If there's 18 19 nothing else then, I thank you all for your participation. The Board again thanks Abbott 20 21 for its patience in bearing with our 22 scheduling problems. We will try to render a decision in an expedited fashion once the 23 record is closed. Again, thank you all very 24

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1 much. 2 STATE OF ILLINOIS ) SS. ) 3 COUNTY OF COOK ) 4 5 I, DENISE ANDRAS, being a Certified 6 Shorthand Reporter doing business in the City of Des 7 Plaines, Illinois, County of Cook, certify that I 8 reported in shorthand the proceedings had at the 9 foregoing hearing of the above-entitled cause. And I certify that the foregoing is a true and correct 10 transcript of all my shorthand notes so taken as 11 aforesaid and contains all the proceedings had at 12 13 the said meeting of the above-entitled cause. 14 15 16 17 DENISE Andras, CSR CSR NO. 084-003437 18 19 20 21 22 23 24