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ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:

NITROGEN OXIDES

PADM. CODE PART 217

NR11-24

(Rulemaking-ADM. CODE PART 217

Air

REPORT OF THE PROCEEDINGS held in the above entitled cause before Hearing Officer Daniel Robertson, called by the Illinois Pollution Control Board, taken by Steven Brickey, CSR, for the State of Illinois, 100 West Randolph Street, Chicago, Illinois, on the 2nd day of June, 2011, commencing at the hour of 1:00 p.m.

APPEARANCES

MR. DANIEL ROBERTSON, Hearing Officer

MR. ANAND RAO,

MS. ANDREA MOORE

MS. CARRIE ZALEWSKI

MR. THOMAS JOHNSON

MR. GARY BLANKENSHIP

HODGE, DWYER & DRIVER

BY: MS. MONICA T. RIOS

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BY: MS. GINA ROCCAFORTE

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ALSO PRESENT: MR. ROBERT J. KALEEL

REPORTED BY:

Steven J. Brickey, CSR CSR License No. 084-004675

- MR. ROBERTSON: Good afternoon, all.
- 2 My name is Daniel Robertson and I have been
- 3 appointed by the Board to serve as Hearing Officer
- in this proceeding entitled In The Matter of
- 5 Nitrogen Oxides Emissions Amendments to 35 Ill.
- 6 Adm. Code 217 listed as R11-24 in the Board's
- 7 docket.
- 8 This case has been consolidated
- 9 with Docket R11-26 which is titled In The Matter
- of Illinois Environmental Regulatory Groups
- 11 Emergency Rulemaking Nitrogen Oxides Emissions
- 12 Amendments to 35 Ill. Adm. Code Part 217.
- With me today on my left is the
- 14 presiding Board Member Gary Blankenship. Next to
- him we also have Board Member Tom Johnson. On my
- other side from the Board's technical unit, we
- have Anand Rao and besides him we have Board
- 18 Member's Andrea Moore and Carrie Zalewski.
- The purpose of today's hearing
- is to hear testimony from the proponent, the
- 21 Illinois Environmental Protection Agency. This
- testimony was pre-filed on May 19th, 2011, and has
- been made publicly available on the Board's
- website. To date, no other testimony has been

- 1 filed.
- Unless there's any objection,
- 3 the testimony will be taken as if read and we will
- begin with questions immediately. If you do have
- any questions, I'll ask that you please state your
- 6 name and whom you represent before you begin your
- questions. It is important to only speak one at a
- 8 time to ensure the court reporter is able to get
- 9 all of the questions on the record and also note
- that any questions asked by a Board Member or
- staff is intended to help build a complete record
- for the Board's decision and not to express any
- preconceived notion or bias.
- 14 If there is time at the end of
- the day, the Board will allow any person who did
- not pre-file testimony to have an opportunity to
- testify if they so wish to. At this point, would
- the proponent like to introduce themselves and
- their witness for the record?
- MS. ROCCAFORTE: Good afternoon.
- 21 I'm Gina Roccaforte with the Illinois
- 22 Environmental Protection Agency and with me today
- is Mr. Robert Kaleel, manager of the Air Quality
- 24 Planning Section in the Bureau of Air and I'd ask

- that he be sworn in at this time.
- 2 WHEREUPON:
- 3 ROBERT KALEEL
- 4 called as a witness herein, having been first duly
- sworn, deposeth and saith as follows:
- 6 MR. ROBERTSON: Would the Agency
- have any opening statements before proceeding to
- 8 testimony?
- 9 MS. ROCCAFORTE: No.
- MR. ROBERTSON: Did anyone else have
- any opening statements before we proceed to the
- 12 Agency's testimony? Mr. Kaleel, is that a current
- and correct copy of your testimony that's been
- pre-filed?
- MS. KALEEL: Yes, it is.
- THE COURT: And do we have any
- objection to admitting the testimony as if read?
- 18 Great. At this point, I will enter the testimony
- of Robert Kaleel as Exhibit 1 to this proceeding.
- 20 (Document marked as Hearing
- Exhibit No. 1 for
- identification.)
- MR. ROBERTSON: Are there any
- 24 questions regarding Mr. Kaleel's testimony?

- MR. DAVIS: Yes. My name is Alec
- 2 Davis. I represent the Illinois Environmental
- 3 Regulatory Group. I have a few questions for
- 4 Mr. Kaleel.
- 5 Mr. Kaleel, on page four of the
- 6 Agency's statement of reasons filed with the
- 7 rulemaking proposal, the Agency states, and this
- is a direct quote, new non-attainment areas are
- 9 expected to be designated in 2012 and as a result
- the Illinois EPA expects that NOx RACT will likely
- be required by the beginning of the 2015 ozone
- season, end quote.
- Does the Illinois EPA still
- expect that NOx RACT will likely be required by
- the beginning of the 2015 ozone season?
- MR. KALEEL: We believe the date
- 17 that NOx RACT would ultimately be required is
- uncertain right now. The date of implementation
- of NOx RACT is dependant on several actions on the
- part of the US EPA and none of those actions have
- 21 happened yet. Primarily, what needs to happen is
- US EPA needs to finalize the ozone air quality
- standard that they proposed in January of 2010.
- 24 That starts a regulatory process of the state

- 1 recommending non-attainment boundaries for areas
- 2 not meeting the standard for US EPA to adopt those
- as final and once they've adopted the designations
- 4 as final that sets in motion hardwired dates that
- 5 are in the Clean Air Act as to when RACT would be
- 6 required.
- 7 Since EPA hasn't acted on the
- 8 ozone standard yet, we don't know exactly what the
- 9 date will be. What we put in our statement of
- reasons is just our expectation of EPA's schedule
- based on public statements that EPA has made.
- MR. DAVIS: Thank you. I guess then
- it would be safe to say you don't know when you'll
- know for certain when the final date will be known
- 15 for certain?
- MR. KALEEL: Yeah. I guess just
- passing along the information that we've heard
- 18 from US EPA, including a talk that I heard from
- 19 Gina McCarthy, who I forget exactly her title, but
- she is one of the top air pollution people within
- US EPA made a statement just this past week here
- in Chicago that they expect to publish the ozone
- standard in July of this year, July 29th of this
- 24 year.

- Of course, they've made those
- statements before and they've missed those dates
- before, but they seemed quite certain that will be
- 4 in July of this year and they also intend to issue
- 5 what is called an implementation rule as a
- 6 proposal and that implementation rule should
- 7 provide states with the information about the
- 8 schedule for recommending non-attainment area
- boundaries, the schedule for finalizing those and
- other matters such as how EPA will categorize
- non-attainment whether it be a moderate area, a
- serious area, severe area. Those are all issues
- that EPA needs to make clear with the
- implementation rule so we think July of this year.
- MR. DAVIS: Thanks. If it becomes
- apparent that NOx RACT will not be required until
- a date later than the 2015 ozone season, would the
- 18 Agency be willing to propose another extension?
- MR. KALEEL: I think we'd be willing
- to discuss it. I think we'd wait to see what EPA
- does before we'd say whether or not we're actually
- willing to make a proposal, but we'll certainly be
- willing to discuss it.
- MR. DAVIS: Thank you.

- MS. RIOS: I have a follow-up
- question. I'm Monica Rios. I'm here from Hodge,
- 3 Dwyer & Driver on behalf of Exxon Mobil Oil
- 4 Corporation. If Illinois EPA is uncertain as to
- 5 when implementation of the new ozone standard will
- 6 be required, why include January 1st, 2015, as the
- 7 date of compliance?
- MR. KALEEL: Well, there is a
- ⁹ rationale behind the 2015 date, but the easy
- answer is that it's a date that we worked out when
- we were approached by the Illinois Environmental
- Regulatory Group as a reasonable date.
- 13 It was always considered to be a
- soft date, but given the uncertainty with the
- status of the ozone standard and the need to make
- this proposal as quickly as possible, I think both
- sides mutually agreed that would be a reasonable
- 18 date.
- MR. DAVIS: Mr. Kaleel, if future
- ozone or PM2.5 National Ambient Air Quality
- 21 Standards are promulgated that result in
- non-attainment areas in Illinois with a different
- geographic scope than the current non-attainment
- 24 areas, will a rulemaking before the Board be

- required to effectuate those changes and the
- 2 applicability of any NOx RACT rules?
- MR. KALEEL: I would expect so. I
- 4 guess the premise of the question would be that
- 5 the non-attainment areas would have a -- be
- 6 categorized as moderate or above, classified as
- 7 moderate above, which is the trigger for the NOx
- 8 RACT requirement, but assuming that was the basis
- of your question, we would clearly need to amend
- the rule to make it applicable to the new areas.
- MR. DAVIS: Okay.
- MR. JOHNSON: Alec, do you mean some
- place other than East St. Louis or Chicago?
- MR. DAVIS: Yes. Or if the
- boundaries were different.
- MR. JOHNSON: Okay.
- MR. KALEEL: That's the way I
- interpreted the question, too.
- MR. DAVIS: Similarly, Mr. Kaleel,
- are you aware of any reason why the provisions in
- Part 217 that are subject to this rulemaking might
- not be federally approvable to satisfy the NOx
- 23 RACT SIP requirement for some future ozone or PM
- 24 2.5 National Ambient Air Quality Standard?

- MR. KALEEL: We are aware that US
- 2 EPA has indicated that we would need to revise the
- Part 217 regulations to be federally approvable.
- 4 MR. DAVIS: Would that require a
- 5 rulemaking before the Board?
- 6 MR. KALEEL: We believe so, yes.
- 7 MS. RIOS: What issues with the NOx
- 8 RACT rule has US EPA identified?
- 9 MR. KALEEL: They identified several
- and I don't recall specifically what they all are.
- 11 Some of their issues were requesting
- clarification. So there might be some things that
- could be worked out, but at least a few things
- come to mind. One was the fact that the NOx RACT
- rule in Illinois had a compliance date of January
- 16 1st, 2012, which was several years after US EPA
- 17 required it.
- so that for US EPA was a
- nonstarter which makes it very critical that in
- the future we have a compliance date for NOx RACT
- that is consistent with US EPA's deadline and we
- not push that date beyond when it's required so we
- don't end up in the same situation of the rule not
- being approvable. There were other things that

- 1 they noticed.
- One being provisions in the way
- 3 the averaging plan that the Agency proposed and
- 4 has been adopted into the rule, they want some
- 5 corrections on the averaging. They also didn't
- 6 like the fact that the rule allowed for a
- 7 compliance time or an averaging time of seasonal
- 8 and annual. US EPA would prefer that averaging
- ⁹ time be a 30 day average, not seasonal average.
- Those are the ones that come to mind. I think
- there may be others.
- MS. RIOS: Has US EPA provided
- anything to Illinois EPA in writing on those
- 14 issues?
- MR. KALEEL: We do have a letter
- 16 from US EPA.
- MS. RIOS: Could the Illinois EPA
- enter that letter into the record at a later date
- if possible or provide that to the participants?
- MR. KALEEL: Perhaps at a later date
- certainly we could provide that to anyone who
- wants it, but I'm not sure we're prepared to do it
- today, but we could certainly make it part of this
- 24 record.

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- MR. RAO: Would you just submit it
- into the record, that way anybody interested will
- 3 have access to it?
- 4 MR. KALEEL: Sure.
- 5 MS. RIOS: Does this rulemaking
- 6 resolve issues that US EPA has identified in that
- 1 letter?
- MR. KALEEL: It does not.
- 9 MS. RIOS: So, in the future, will
- 10 Illinois EPA propose at another rulemaking to
- 11 address those issues?
- MR. KALEEL: That's what we
- anticipate. We are aware of some of the issues
- that US EPA had identified. The Agency doesn't
- believe it's appropriate to pursue those in this
- present rulemaking for a couple of reasons.
- One is we wanted to be able to
- change this compliance date as soon as possible.
- 19 So we would want it to be a noncontroversial rule
- 20 and it was our understanding that it is a
- 21 noncontroversial rule so the companies could
- receive the relief of the extended compliance
- date. Also, we wanted to wait until the ozone
- standard is, in fact, finalized and we know what

- the NOx RACT deadline and requirements will be.
- 2 So it's premature at this point and in this
- 3 rulemaking to try to deal with those deficiencies.
- 4 MR. ROBERTSON: I saw a hand in the
- 5 back earlier.
- THE AUDIENCE: She asked it.
- 7 MR. ROBERTSON: Okay.
- MR. DAVIS: Mr. Kaleel, paragraph 15
- on page four the Agency's motion for expedited
- 10 review filed with this rulemaking proposal states
- and I quote here "So as to avoid compliance
- requirements and unreasonable and unnecessary
- expenditures on the regulated community, prior to
- the imposition of federal requirements, this
- rulemaking proposal amending the compliance date
- needs to be adopted in an expedited manner."
- 17 Could you please elaborate some
- to the best of your knowledge regarding the
- unreasonable and unnecessary expenditures upon the
- regulated community prior to the imposition of
- 21 federal requirements?
- MR. KALEEL: I guess the first thing
- to comply with the regulations in Part 217,
- regardless of the compliance date, will require

- expenditures on the part of the regulated
- 2 communities so perhaps the language is a little
- misreading because we don't believe the
- 4 expenditures are unreasonable or unnecessary. In
- fact, they are necessary and reasonable as we have
- 6 proposed, but the issue is when do these expenses
- or do these costs have to be spent by the
- 8 regulated community and given US EPA's waiver of
- 9 the NOx RACT requirement and, more importantly,
- qiven the fact that both non-attainment areas in
- 11 Illinois are currently meeting the ozone and PM
- 12 2.5 Air Quality Standards, we agreed with IERG
- that these controls might not be needed right now
- or by January 1st, 2012. So we think these
- expenditures will be needed at some point, but
- it's not necessary to do it right now.
- MR. DAVIS: You mentioned controls
- as one of the things in the context of
- expenditures. Could you maybe elaborate a little
- more on that the specifics of what it would take,
- what types of expenditures there would be?
- MR. KALEEL: Sure. And this was the
- subject, of course, of an extensive rulemaking a
- couple years ago, but to comply with the

- 1 requirements of 217, many industries would need to
- install control equipment.
- 3 So there's certainly costs and
- 4 expenditures for the installation of controls.
- 5 There's also monitoring and testing provisions in
- the rule which will require money, including the
- 7 requirement for continuous emissions monitors.
- There's also reporting expenses and I'm sure on
- ⁹ the part of the industries the engineering, the
- planning that would go into the installation of
- controls as well as the construction activities of
- that equipment. So there's a number of things
- that will cost money.
- MR. DAVIS: Thank you. There's some
- overlap here, but on page 13 of the Agency's
- statement of reasons under the subheading
- 17 Technical Feasibility and Economic Reasonableness
- the Agency states "By extending the compliance
- date for the NOx requirements, affected sources
- gain an economic benefit by delaying
- implementation costs and associated expenses, such
- as installation, monitoring and recordkeeping and
- 23 reporting costs.
- Do you agree that affected

- sources must plan in advance to ensure compliance
- with environmental regulations such as those
- ontained in Part 217 that are subject to this
- 4 rulemaking?
- 5 MR. KALEEL: Yes.
- 6 MR. DAVIS: Do you happen to know
- 7 whether some affected sources would be required to
- undertake costly and lengthy changes to their
- 9 operations in implementing their plan to ensure
- compliance with the current requirements contained
- ¹¹ in Part 217?
- MR. KALEEL: Well, as I've stated
- before, and we believe that the costs that are
- imposed by requirements of 217 are reasonable and
- we've made several efforts in that rulemaking.
- The Board has approved several things that helped
- mitigate the expenses, but we do agree that the
- sources need to be able to plan and depending on
- the nature of the operations some sources might
- have pretty extensive planning requirements to be
- able to comply.
- MR. DAVIS: Would you agree that
- 23 affected sources could potentially face liability
- if they deferred taking any action to plan or

- implement in advance to be able to ensure
- compliance?
- MR. KALEEL: Well, liability is not
- 4 necessarily my area of expertise since I'm a
- meteorologist, but generally speaking, though,
- it's pretty safe to say that a company that isn't
- 7 complying with a state regulation is potentially
- facing some sort of an enforcement action.
- 9 MR. DAVIS: Do you agree that the
- economic benefit to be gained by the proposed
- compliance date extension is reduced the longer
- the affected sources must wait to know with
- certainty whether the compliance states contained
- in Part 217 will be extended?
- MR. KALEEL: I think that's probably
- true especially for sources that haven't already
- made those commitments. The compliance date in
- the rule was January 1st, 2012. I would expect
- most companies are already pretty far along with
- their planning, if not their construction, but
- certainly the closer we are to that date the more
- critical it becomes for the industries.
- MR. DAVIS: My final question. Has
- the Agency estimated how much the potential

- economic benefit has been reduced by the Board's
- denying both IERG's motion for emergency rule and
- 3 the Agency's motion for expedited review filed in
- 4 these consolidated dockets?
- MR. KALEEL: No, we have not.
- MR. DAVIS: Thank you. That's all
- 7 I've got.
- MS. RIOS: I have a few more
- ⁹ questions.
- MR. ROBERTSON: Go ahead.
- MS. RIOS: I want to ask first a few
- questions on the basis of the original NOx RACT
- 13 rule. Was the NOx RACT rule promulgated to
- satisfy the Section 182 (c) and (f) requirements
- of the Clean Air Act for NOx RACT for major
- sources located in the areas designated as
- non-attainment for the 1997 8-hour Standard?
- MR. KALEEL: I think that was at
- least one of the motivations for adopting the
- 20 rule, yes.
- MS. RIOS: Is that basis still
- 22 applicable?
- MR. KALEEL: US EPA granted a waiver
- from the NOx RACT requirement in Section 182 for

- the 1997 ozone standard. So for the time being,
- there is not a federal mandate for NOx RACT.
- MS. RIOS: Was the NOx RACT rule
- 4 promulgated to satisfy the requirements of Section
- 5 172(b)1 of the Clean Air Act for areas designated
- 6 non-attainment under the 1997 PM 2.5 standard?
- 7 MR. KALEEL: That was, again, part
- 8 of the motivation. I mean, the primary motivation
- 9 is improving air quality and since we're now
- meeting those standards, that perhaps is less of a
- an issue right now.
- MS. RIOS: So would you say that
- that basis is still applicable?
- MR. KALEEL: For the 1997 standard,
- no, it's not.
- MS. RIOS: Was the NOx RACT rule
- 17 promulgated to satisfy future RACT requirements
- for areas designated under the 2006 PM 2.5
- 19 standard?
- MR. KALEEL: It was not adopted with
- respect to the 2006 standard. The entire state
- was classified as an attainment area for the 2006
- 23 standard.
- MS. RIOS: Was the NOx RACT rule

- promulgated to satisfy future RACT requirements
- for areas designated non-attainment under the 2008
- 3 ozone standard?
- MR. KALEEL: It was not, no. The US
- 5 EPA has not implemented the 2008 standard. I
- 6 believe that all areas of the state at least as of
- 7 today's air quality are meeting the 2008 standard.
- Subsequent to the adoption of the standard, we did
- 9 recommend that certain portions of the state would
- be non-attainment, the same portions of the state
- that are non-attainment today for the 1997
- standard because at that time we were not meeting
- the standard, but the most recent air quality data
- would suggest we're meeting the standard, but EPA
- chose not to move forward with the 2008 ozone
- standard because they intended to revise the
- standard and make it more stringent and that's
- what they're in the process of doing right now.
- MS. RIOS: Is the NOx RACT rule
- currently required by the Clean Air Act?
- MR. KALEEL: It is not currently
- 22 required.
- MS. RIOS: Have the Chicago and
- Metro East areas attained the 1997 ozone standard?

- MR. KALEEL: Yes, they are still
- designated non-attainment, but they have attained.
- 3 MS. RIOS: Was the NOx RACT rule
- 4 required for the attainment of the 1997 ozone
- 5 standard?
- MR. KALEEL: At the time we proposed
- it, we thought it would help with attainment, but
- we achieved attainment without full implementation
- 9 of these requirements.
- MS. RIOS: What effect has the NOx
- 11 RACT waiver had on the basis for the rule?
- MR. KALEEL: I'm not quite sure I
- understand the question.
- 14 MS. RIOS: Let me see if I can
- clarify it. US EPA, as you previously testified,
- approved a NOx RACT waiver for the 1997 ozone
- standard. How has that waiver changed the basis
- for the promulgation of the original rule?
- MR. KALEEL: The waiver removes the
- federal obligation for NOx RACT. The waiver is
- 21 based on a finding by US EPA that the standard
- was, in fact, met by the 2009 deadline for
- 23 attainment of the standard. So it was based on a
- clean data finding, but I presume that if we had a

- real bad ozone season and the area has not been
- 2 redesignated, before that happens that the waiver
- 3 could be removed.
- MS. RIOS: When did Illinois EPA
- 5 determine that it would request a waiver from US
- 6 EPA for the NOx RACT requirements?
- 7 MR. KALEEL: Our request was
- projected by our efforts last year in 2010 to get
- ⁹ the two areas redesignated to attainment. We knew
- at that point in time that the area was attaining
- the standard and we believed at that time that we
- had met all of the State Implementation Plan
- requirements that US EPA requires us to address
- and we were seeking a redesignation and for some
- good reasons we wanted that to occur in 2010.
- 16 EPA notified us last summer that
- our VOC RACT rules were not approvable and we're
- in the process working with the -- through the
- 19 Pollution Control Board to amend those rules to
- address those deficiencies. EPA had also
- mentioned and we talked about that already in
- earlier questions that our NOx RACT rule was not
- fully approvable and given that we're still
- seeking a redesignation and we had the opportunity

- to request a waiver based on the clean data
- finding that US EPA had made we asked for the
- waiver. So that was some time late summer while
- we were seeking a redesignation.
- 5 MS. RIOS: Did Illinois EPA discuss
- 6 the NOx RACT waiver request with the public prior
- 7 to application in the Federal Register?
- MR. KALEEL: I don't recall.
- 9 MS. RIOS: Do you recall when the
- regulated community was informed that Illinois EPA
- had submitted a RACT waiver request?
- MR. KALEEL: I don't recall when the
- public was made aware of that. The waiver request
- was just a letter from the Agency to US EPA. It
- didn't require any kind of a regulatory process or
- public process. It was just a letter.
- MS. RIOS: Do you know what the
- purpose was for not informing the regulated
- community that Illinois EPA believed that NOx RACT
- requirements were no longer necessary?
- MR. KALEEL: I don't believe there's
- any intent on our part one way or the other. I
- think it was just another step in trying to get
- the area redesignated which we thought was a large

- benefit to the regulated community.
- MS. RIOS: In the statement of
- reasons on page 12 for this rulemaking, Illinois
- 4 EPA states that the extension to the compliance
- 5 date is to fulfill the NOx RACT requirements under
- 6 the Clean Air Act for the 8-hour ozone standard
- 7 that the US EPA is currently considering.
- MR. KALEEL: I see it here.
- 9 MS. RIOS: Do you know if NOx RACT
- will be required under the new standard for the
- 11 Chicago area?
- MR. KALEEL: I don't know for
- certain it will be required, but it is my belief
- that it will be required and my strong belief. US
- EPA has indicated last January, January 2010, that
- they intend to strengthen the ozone standard.
- What they proposed was a range between 60 and 70
- parts per billion, which is significantly stronger
- than the 1997 standard. The 1997 standard was the
- equivalent of 85 parts per billion. So it is much
- 21 more stringent. So it is our expectation that the
- 22 Chicago area and the Metro East area will be
- non-attainment and these control measures will, in
- fact, be necessary.

- MS. RIOS: You testified earlier,
- though, that Illinois EPA won't know what the
- 3 implementation schedule will be until US EPA
- finalizes its new ozone standard. So can you
- 5 provide a clarification on why Illinois EPA has
- 6 chosen the January 1st, 2015, deadline at this
- 7 point when we don't know what the implementation
- 8 schedule will be?
- 9 MR. KALEEL: As I mentioned before,
- the date was mutually agreed to with the Illinois
- 11 Environmental Regulatory Group. I think both
- groups, the Agency and IERG, recognized it at the
- time we were having those discussions that there
- was no clear data out there because US EPA had
- delayed finalizing the ozone standard, but in
- order to expedite this rulemaking, both sides
- recognized the need to settle on a date. The
- rationale for the date, and I think it's still a
- sound rationale, but it was based on the
- 20 assumption that EPA would finalize the air quality
- standard in 2011 and would finalize non-attainment
- designations in 2012.
- The Clean Air Act requires that
- for moderate, non-attainment areas that the

- standard be met within six years, which would mean
- projecting out, and this is speculation, but I
- 3 think fairly sound that we would need to attain a
- 4 standard by sometime in 2018. To show attainment
- of the standard in 2018, you need three clean
- 6 years of data. So backing up from '18, we were
- seeking the control measures in 2015. So we would
- 8 achieve clean air by 2018.
- 9 MS. RIOS: That schedule, however,
- would be based on if the Chicago area was
- designated non-attainment?
- MR. KALEEL: Yes, it would have to
- be a moderate, non-attainment area and the Metro
- 14 East area as well.
- MS. RIOS: Has Illinois EPA
- 16 communicated with US EPA regarding the schedule
- for promulgation and implementation of the new
- standard, new ozone standard?
- MR. KALEEL: We have talked with EPA
- about it and we have heard EPA give public
- 21 presentations on what they expect, but as we've
- indicated, they have not made these dates final
- yet. These rules are not yet final and EPA has
- had a fairly poor track record over the past 12

- months of adopting the standard when they
- announced that they would adopt it.
- MR. JOHNSON: Bob, because you work
- for the Environmental Protection Agency, when you
- refer to the EPA in your testimony, you're
- for referring to the US EPA?
- 7 MR. KALEEL: Yes, that's right.
- 8 Thank you. US EPA.
- 9 MS. RIOS: Until EPA takes action
- and issues an implementation rule for the new
- ozone standard, how can Illinois EPA know what the
- timeline for compliance will be?
- MR. KALEEL: Some of the timeline is
- hardwired in the Clean Air Act. The timeline
- depends, however, on when US EPA designates -- in
- final, designates an area as non-attainment.
- 17 There are other requirements in the Clean Air Act.
- Once that designation is final, the state has a
- certain amount of time to submit a SIP, a State
- 20 Implementation Plan, and RACT would have to be
- implemented in a certain amount of time after
- that. So those intervals or time intervals are
- known, but what we don't know is what the starting
- date is, when does the area become non-attainment.

- MS. RIOS: How are the official
- 2 implementation schedule and compliance timeline
- 3 communicated to the states?
- 4 MR. KALEEL: Through the
- 5 implementation rule typically.
- MS. RIOS: Do you know when that
- implementation rule will be finalized?
- MR. KALEEL: Again, we're on federal
- ⁹ time here. The announcement from US EPA was they
- would propose, not finalize, but propose an
- implementation schedule at the same time they
- finalize the ozone standard. So we would expect
- that to be July of this year.
- MR. RAO: And you would propose a
- rule to the Board based on that schedule or is
- that a notification that everybody will follow?
- MR. KALEEL: To clarify, I guess,
- the steps. US EPA would finalize the standard.
- 19 If we just play along, they'll finalize the
- standard in July of 2011. The Clean Air Act
- requires that the state make a recommendation to
- US EPA as to what areas of the state are meeting
- 23 and are not meeting the standard typically that --
- the state would have a year to do that and then US

- 1 EPA would take another year after that to finalize
- 2 so that will be the longest that that process from
- finalizing the standard to having final
- 4 non-attainment could be. As long as two years.
- 5 January of 2010 US EPA announced in their
- 6 proposal -- not a final, in their proposal, they
- announced an expedited schedule that would make
- 8 that entire two year process happen in one year.
- 9 So given that that was in their
- proposal that this would be a one year process,
- not a two year process, it makes the
- implementation of RACT to be highly uncertain, but
- it would be forgotten exactly what we projected,
- but it could be as early as 2014 when a RACT rule
- is due to EPA. I mean, fully approved rule.
- Backing up a year from that or something like that
- for a regulatory process, we would certainly need
- to be back here talking to the Board by sometime
- in late 2012, early 2013, to address the
- deficiencies of US EPA and make whatever
- 21 modifications are necessary. If the process to
- make an area non-attainment stretches out for the
- entire two years, that is typically the case, our
- 24 RACT SIP might not be due until sometime in 2015.

- 1 So it stretches things out a little bit. It's all
- 2 hopefully as you can appreciate very speculative.
- 3 It depends on what US EPA announces this July.
- MS. RIOS: Have -- I'm sorry. Have
- 5 you had any indication from US EPA that it intends
- to propose the expedited schedule that it did for
- 7 the January 2010 standard?
- MR. KALEEL: What we've heard is a
- 9 little bit of a mixed message. When US EPA
- announced or proposed the expedited schedule for
- designating non-attainment areas, there was a lot
- of pushback in the form of comments to the Federal
- Register, pushback from the states that indicated
- that timeframe was just too short. That it would
- be too much of a burden on the states to do the
- analyses that are required to make the
- recommendations and for them to do an adequate
- public process to finalize.
- 19 EPA said we heard the states and
- they told us this publicly that they heard those
- comments and they don't expect a 12 month
- designation process this next go around, but they
- have also clearly said that it won't be two years
- either. So maybe somewhere in the middle, maybe

- 1 18 months. Again, that's speculation on my part,
- but consistent with what we've heard from US EPA.
- MS. RIOS: Are you aware that US EPA
- 4 has indicated that the date for implementation of
- 5 NOx RACT requirements for compliance with the new
- ozone standard could be the end of 2017?
- 7 MR. KALEEL: I am aware of that and
- 8 that is certainly one of the possibilities given
- ⁹ the range of scenarios that I just described.
- MS. RIOS: How recently has that
- 11 communication occurred?
- MR. KALEEL: I believe our bureau
- chief got an e-mail from US EPA I want to say a
- few weeks ago or a month ago. I don't recall the
- specific date.
- MS. RIOS: If NOx RACT compliance at
- the source will be not be required until the end
- of 2017, should -- would it be prudent to include
- an extended compliance date in this rulemaking
- rather than the 2015?
- MR. KALEEL: It seems to be we'll be
- backtalking to the Board anyway. If we were to
- 23 assume a 2017 implementation date and US EPA
- ultimately stretched it for two years and RACT

- wasn't due until 2018, I'm quite certain that we'd
- 2 receive a request to push it back another year.
- 3 As I described, the 2015 date was the soft date.
- 4 It was a good rationale. It was something that
- was mutually agreed to between IERG and the
- 6 Illinois EPA as a reasonable date. I'd also
- mention in terms of when RACT is due, the Clean
- 8 Air Act using terms like as expeditiously as
- 9 practicable, but not later than.
- I might have got that language a
- little bit wrong, but when we're talking about
- when RACT is due the sense I'm getting from the
- questions is what would be the absolute latest
- that it could be due and not when it would be most
- expeditious to do it.
- So really expeditious could mean
- January 1st, 2012, given that that's the timeframe
- that our rule already requires or some date
- between January 1st, 2012, and the very last date
- 20 EPA would accept anywhere in there.
- MS. RIOS: Should US EPA finalize
- the ozone standard and implementation schedule so
- that the end of 2017 is the day when NOx RACT will
- be required at sources, should the compliance date

- be extended to at least January 1st, 2018, or the
- beginning of the ozone season in 2018?
- MR. KALEEL: I don't think we're
- 4 prepared to support that right now. I think we
- 5 would need to see what US EPA comes out with in
- 6 July.
- 7 MS. RIOS: Are you familiar with
- 8 Exhibit B to IERG's motion for emergency rule?
- 9 It's the Illinois EPA's letter to IERG. It's
- dated January 12th, 2011.
- MR. KALEEL: I have the exhibit here
- in front of me.
- MS. RIOS: Does Illinois EPA's
- position remain the same as to its statement that
- the NOx RACT rule imposes compliance requirements
- on the regulated community prior to when they will
- be necessary?
- MR. KALEEL: I think what it's
- referring to is the current January 1st, 2012,
- 20 compliance date and I think as we've indicated it
- isn't necessary both for the reasons of the waiver
- received from EPA and the fact that the area is
- 23 currently meeting the air quality standards. So
- we don't believe that January 1st, 2012, date is

- 1 necessary.
- MS. RIOS: Has Illinois EPA
- withdrawn its pending request to approve the NOx
- 4 RACT rule as part of the SIP?
- MR. KALEEL: Yes, we have.
- 6 MS. RIOS: When did Illinois EPA do
- 7 so?
- MR. KALEEL: I don't have the
- specific date, but it would have been within the
- last couple of months that we made that request of
- 11 US EPA.
- MS. RIOS: In Exhibit B, Illinois
- EPA states it will support IERG and its members in
- 14 requesting relief from the NOx RACT rules
- obligations that may exist prior to January 1st,
- 16 2015. Will Illinois EPA continue to support
- 17 relief from the rules requirement should Illinois
- 18 EPA propose to extend the compliance deadline past
- 19 2015?
- 20 MR. KALEEL: This letter was written
- with respect to the January 1st, 2015, date and is
- consistent with the understanding that we had with
- 23 IERG at the time this letter was written. I'm not
- 24 aware or know that we have any position about a

- date beyond 2015 at this time. Again, pending US
- 2 EPA's action with the ozone standard.
- MS. RIOS: You testified earlier
- 4 that US EPA -- you had heard from US EPA that they
- 5 will finalize the new ozone standard later this
- 6 year?
- 7 MR. KALEEL: Yes.
- MS. RIOS: Has US EPA delayed
- 9 promulgation in the past on the ozone standard?
- MR. KALEEL: Several times, yes.
- MS. RIOS: Is it possible that the
- issuance of the new standard will be delayed?
- MR. KALEEL: It's certainly
- possible.
- MS. RIOS: Do you have any
- indication from Illinois -- US EPA what the new
- 17 standard will be?
- 18 MR. KALEEL: We have no indication
- other than US EPA has announced that they will
- adopt a standard somewhere in the range of 60 to
- 70 parts per billion.
- MS. RIOS: Do you know when the area
- designations for the new standards will be made?
- MR. KALEEL: As we've talked, it

- will be somewhere within 12 months and 24 months
- of the standard becoming final.
- MS. RIOS: Do you know what data
- 4 period will be used to support the designations?
- 5 MR. KALEEL: I don't know for sure.
- 6 We're required to make our recommendation based on
- 7 the three most recent years of air quality data.
- 8 I would expect and, again, this is just more of an
- 9 informed speculation right now, but I would expect
- that the data that we would be using to make our
- recommendation would be 2009, 2010, 2011 data.
- 12 That three year period which would include this
- ozone season. Depending on how long US EPA allows
- itself to finalize the recommendations, it may be
- that the 2009 data would be no longer used and it
- would be 2010, 2011, 2012.
- MS. RIOS: Have non-attainment areas
- been designated for the 2008 standard?
- MR. KALEEL: No.
- MS. RIOS: Do you know how the
- 21 Chicago area would be designated under the 2008
- standard based on the last three years of data?
- MR. KALEEL: Based on the last three
- years of data, I believe we are meeting that 75

- parts per billion standard.
- MS. RIOS: Do you know what the
- 3 Chicago area will be designated under the new
- 4 standard?
- 5 MR. KALEEL: I have no idea.
- MS. RIOS: Will the geographic area
- 7 be the same as for the 1997 standard?
- MR. KALEEL: I don't know that.
- 9 MS. RIOS: Is there anything to
- prevent a county or a portion of a county from
- being carved out of the non-attainment area?
- MR. KALEEL: It's a complicated
- process for establishing the boundaries for a
- non-attainment area. US EPA has guidance of how
- you go about doing that, but the presumptive
- starting point is the entire metropolitan area and
- for Chicago, the metropolitan -- I think it's --
- 18 I'm trying to remember the terminology right now
- that the census bureau uses, but it includes
- 20 Kankakee County, DeKalb County, it includes areas
- that are not currently a portion of the
- 22 non-attainment area.
- The guidance does allow you to
- make the area bigger than the metropolitan area or

- make it smaller and, historically, we've
- 2 recommended and US EPA agreed that the full
- metropolitan area need not be included, but
- 4 there's a demonstration that has to go along with
- 5 it. I would expect and, again, depending on the
- 6 level of the standard, that the area we make it
- 7 bigger and not smaller.
- MS. RIOS: Does Illinois EPA know
- 9 what the Chicago area will be classified?
- MR. KALEEL: I have no idea.
- MS. RIOS: Is it possible that the
- 12 Chicago area will be classified as an attainment?
- MR. KALEEL: For a standard between
- the range of 60 and 70 parts per billion, there's
- no reason to think the area would be attainment.
- The most recent three year design value, the ozone
- value that we used to compare to the standard, is
- above 70. I believe it's 73 or 74 parts per
- billion right now. So it's just below 75. It's
- above 70, which would be the highest. We would
- expect EPA to set the standard.
- MS. RIOS: Is it possible that the
- 23 Chicago area will be classified as marginal
- 24 non-attainment?

- 1 MR. KALEEL: It's possible.
- MS. RIOS: Can you explain the basis
- for a difference in classification of marginal
- 4 versus moderate?
- 5 MR. KALEEL: US EPA has
- 6 established -- I think the initial cut points were
- 7 the Clean Air Act and they had different cut
- 8 points based on the measured design value for an
- 9 area. I don't remember exactly what the areas
- were, but there's different values for marginal
- versus moderate versus serious, severe. All the
- different types of classification they're based on
- the level of air quality that is achieved or the
- amount that the area is above the standard.
- In the 1997 standard, EPA was
- 16 forced to adopt a different scheme, a different
- sets of cut points because the 1997 standard was
- an 8-hour ozone standard and it had a different
- level than the standard set back in 1990 which was
- then a 1-hour standard.
- 21 So because of the different
- level and because of the different averaging times
- 23 EPA had to establish different cut points for
- those classifications. I would expect they would

- have to do the same thing again now since the
- level of the standard would be reduced.
- MS. RIOS: If the Chicago area is
- 4 designated as attainment or as marginal
- 5 non-attainment, will NOx RACT be required?
- 6 MR. KALEEL: NOx RACT wouldn't be
- 7 required by the Clean Air Act. There may still be
- a need based on what is needed for attainment in
- 9 the Chicago, Metro East area and in downwind
- states there may still be a need to implement the
- 11 control measures.
- MS. RIOS: Does the Illinois EPA
- know when NOx RACT requirement will be required to
- be implemented at the sources under the new
- 15 standard?
- MR. KALEEL: We've talked about that
- several times. We know -- we have some
- speculations and we've talked about those as to
- the latest possible date and as I mentioned also
- the earliest possible date as expeditiously as
- 21 practicable is also in play.
- So it's really a range of dates.
- 23 It's just not the uncertainty of the final
- requirement based on US EPA's final action, but

- also what the state deems to be a reasonable
- 2 compliance date.
- MS. RIOS: Do you know what RACT
- 4 will be under the new standard?
- MR. KALEEL: We don't know what RACT
- 6 would be, but we believe that the measures
- 7 contained in Part 217 will satisfy the NOx RACT
- 8 requirement for a future ozone standard and I, in
- 9 fact, testified to that point before.
- MS. RIOS: If the Chicago area is
- designated non-attainment, do you know what the
- attainment date will be for the new standard?
- MR. KALEEL: The attainment dates
- are set by the Clean Air Act based on the level of
- the classification asking. If the area becomes a
- moderate, non-attainment area, it would be six
- years after the air quality standard is finalized.
- 18 I'm sorry. Six years after the non-attainment has
- been designated, the designation has been
- ²⁰ finalized.
- If it's a lower classification
- marginal, I believe it's three years. If it's a
- serious, I believe it's three years and it goes
- 24 all the way up. I recall for the 1-hour standard

- after the 1990 Clean Air Act amendments, the
- 2 Chicago area was classified a severe 17, which
- 3 gave it 17 years for attainment. So I guess the
- 4 attainment date depends on when the area is
- 5 classified as non-attainment and what the level of
- 6 classification is.
- 7 MS. RIOS: Are you familiar with the
- 8 emergency rulemaking that IERG filed recently?
- 9 MR. KALEEL: Yes.
- MS. RIOS: Specifically, are you
- familiar with the exhibits to the motion
- explaining the cost of compliance for Citgo and US
- 13 Steel?
- MR. KALEEL: I apologize, but I'm
- familiar with these documents. I've looked at
- them, but I've not looked at them recently.
- MS. RIOS: Are you familiar with the
- petition for variance that Exxon Mobil has filed
- 19 with the Board?
- MR. KALEEL: I am aware they have
- filed a petition.
- MS. RIOS: Are you aware that NOx --
- that Exxon Mobil explains that the cost of
- compliance with the rule will be approximately \$28

- 1 million.
- MR. KALEEL: I have heard that
- 3 number before.
- MS. RIOS: Given the current
- 5 economic climate, what is the basis for requiring
- facilities to invest substantial resources and
- 7 controls to comply with the rule which at this
- 8 time is not required and as you testified has
- 9 deficiencies that US EPA has identified and is not
- needed for the original purpose for which it was
- promulgated?
- MR. KALEEL: We have agreed in our
- proposal that those expenditures are not necessary
- before January 1st, 2012, and had, in fact,
- proposed a later date.
- MS. RIOS: In the original R-819
- 17 rulemaking to adopt the NOx RACT rule, Illinois
- 18 EPA revised its original to include Appendix H.
- 19 Do you recall what the basis was for adding
- 20 Appendix H?
- MR. KALEEL: I do recall Appendix H
- and the basis -- the basis was an attempt to
- accommodate the turnaround schedules for two of
- the three refineries, petroleum refineries, that

- were affected by the rulemaking and by
- 2 accommodating I mean providing later compliance
- dates than January 1st, 2012.
- 4 MS. RIOS: Do you expect to revise
- 5 the compliance dates for the refineries in this
- 6 rulemaking?
- 7 MR. KALEEL: In the present
- 8 rulemaking, the compliance date would be January
- 9 1st, 2015. The Appendix H Exxon Mobil schedule of
- December 31st, 2014, fits within that timeframe by
- one day. The schedule for ConocoPhillips we did
- not propose to change it. It would still extend
- to the end of 2016 as was originally agreed to
- with the companies.
- MS. RIOS: Based on the
- uncertainties that you've testified to regarding
- the implementation of the new rule and the
- 18 compliance date for NOx RACT sources, would
- 19 Illinois EPA consider extending the compliance
- dates for refineries as it did in its previous
- rulemaking to be consistent with the
- implementation schedule once it's issued?
- MR. KALEEL: I think we'd always be
- willing to talk with our industries about the

- appropriate schedules for complying with the rule
- 2 as it has always been our practice. I would point
- out and I think I mentioned this earlier one of
- 4 the reasons that US EPA indicated that they
- 5 couldn't approve our RACT rule the first time
- 6 around was because of compliance dates for
- industries that extended beyond the Clean Air Act
- 8 deadline. I am quite certain that we would be
- 9 inflexible to extending dates beyond any schedule
- that US EPA comes out in an implementation rule.
- Whatever that date is we would just be asking for
- US EPA to disapprove it again.
- MS. RIOS: In the previous
- rulemaking, the compliance deadlines were extended
- as you said to be consistent with turnaround
- schedules?
- MR. KALEEL: Yes.
- MS. RIOS: Wouldn't that same issue
- arise here to prevent unplanned shutdowns of the
- 20 refineries?
- MR. KALEEL: I guess the difference
- being when we were negotiating in good faith
- 23 agreements with the industries that our RACT rule
- would be approvable at the time that we were doing

- those agreements and I think we know now from our
- experience that those extended schedules would not
- 3 be approved.
- 4 MS. RIOS: Has Illinois EPA
- 5 considered including compliant states in the rule
- 6 that are based on the actions US EPA takes in
- 7 regards to the new ozone standard? For example,
- 8 requiring implementation of RACT for X number of
- years after US EPA issued the designations and
- 10 classification?
- MR. KALEEL: I think I missed the
- very beginning part of your question if you don't
- mind.
- 14 MS. RIOS: Has Illinois EPA
- considered including compliant states in the rule
- that are based on the actions that US EPA takes in
- regard to the new ozone standard? For example,
- requiring implementation of RACT X number of years
- after the designations are issued or the
- 20 classifications are issued?
- MR. KALEEL: We have not really
- considered any serious changes to the proposal
- that is now before the Board which is a compliance
- date of January 1st, 2015, and we believe it's

- important for the reasons that IERG brought to us
- that this rulemaking proceed quickly. So there
- may be an opportunity in a future rulemaking to
- further adjust the dates, but we think it's
- 5 important to lock this in and allow the Board to
- 6 proceed as quickly as they can.
- 7 MS. RIOS: Did Illinois EPA perform
- 8 modeling for the basis for the NOx RACT rule?
- 9 MR. KALEEL: We did not model
- specifically NOx RACT to look at its benefit in
- isolation from other requirements. We did include
- 12 RACT in modeling that we had performed prior to
- our attainment demonstration. This is my
- 14 recollection, but it would have included all
- measures that would have been implemented as part
- of an attainment demonstration, not just this
- measure by itself.
- MS. RIOS: Will Illinois EPA conduct
- modeling prior to issuing designations for the new
- 20 ozone standard?
- MR. KALEEL: No. Modeling is not
- 22 required for designations.
- MS. RIOS: Will Illinois EPA conduct
- 24 modeling prior to the attainment date?

- MR. KALEEL: We would be required to
- 2 prepare an attainment demonstration for an area as
- designated as non-attainment if it's moderate or
- 4 above. I don't believe an attainment
- 5 demonstration is required for a marginal area, but
- 6 we would be doing modeling as part of an
- 7 attainment demonstration and all control measures
- 8 that we anticipate would be included in that.
- 9 MS. RIOS: So will Illinois EPA have
- modeling complete that shows the NOx reductions
- that will be needed to meet the new standard?
- MR. KALEEL: It wouldn't necessarily
- be NOx reductions. It would be NOx reductions and
- 14 VOC reductions both in the non-attainment area and
- for upwind sources and the modeling process is
- iterative. We would include control strategies in
- the entire basis. We do this work in conjunction
- with the other states around the Lake Michigan
- basin. So all of the strategies that the states
- identify would be included in the modeling.
- MS. RIOS: Are you aware of any
- facility shutdowns planned over the next few years
- that would reduce NOx emissions in the Chicago
- 24 area, shutdowns or upgrades?

- MR. KALEEL: I guess not
- specifically at this time. I know that there are
- 3 always some.
- MS. RIOS: Do you know if the State
- 5 Line Power Plant will close?
- 6 MR. KALEEL: That's been in the
- 7 paper recently. I'm aware of that, which is in
- 8 Indiana.
- 9 MS. RIOS: If Illinois EPA is
- performing modeling for the new ozone standard,
- will it include reductions from the refineries'
- 12 Consent Decrees?
- MR. KALEEL: Yes.
- MS. RIOS: Will it also include
- reductions from any facility shutdowns or
- upgrades?
- MR. KALEEL: We would typically try
- to include those. It's kind of a tricky area from
- 19 a policy perspective. The industries that are
- shutting down typically like to hold their permits
- with the expectation that, A, they could reopen at
- some point in the future or sell those reductions
- to offset to another industry perhaps seeking to
- expand. So for us to include it in the modeling,

- we would have to know that the source has
- surrendered their permit and no one is seeking
- those reductions as an offset. So we wouldn't
- 4 automatically put shutdowns in the model.
- 5 MS. RIOS: Will reductions from
- 6 mobile sources be included in the model?
- 7 MR. KALEEL: Yes.
- MS. RIOS: Could I have just one
- 9 minute to speak with --
- THE COURT: Sure. Why don't we just
- take a five minute break.
- 12 (Whereupon, a break was taken
- after which the following
- proceedings were had.)
- MR. ROBERTSON: Let's go back on the
- record now and do you have any follow-up
- 17 questions?
- MS. RIOS: I do. I just have a few
- more follow-up questions. Mr. Kaleel, earlier you
- 20 testified that NOx RACT controls could be required
- 21 as expeditiously as practicable and possibly even
- 22 as soon as January 1st, 2012. Is it practicable
- 23 to have the NOx RACT implementation date prior to
- the deadline for the NOx RACT rule?

- MR. KALEEL: I guess I was using it
- to try to make the point that expeditiously as
- practicable, that language in the act means that
- 4 the state is supposed to consider how soon control
- measures could be implemented and I use the
- January 1st, 2012, date from the standpoint that
- 7 that is a state requirement and the companies are
- 8 planning. Hopefully they're planning on
- 9 compliance by January 1st, 2012, and have been
- since the time that the Board first adopted the
- 11 rule.
- so if it was practicable before
- our motion to extend the date, then it's still
- 14 practicable. That doesn't mean that US EPA would
- require NOx RACT by 2012. Clearly as we talked
- about, they won't, but it's clearly practicable to
- do it sooner than the very final date that US EPA
- would allow for RACT and that was the point I was
- 19 trying to make.
- MS. RIOS: Do you know if the new
- ozone standard is likely to be challenged?
- MR. KALEEL: Again, I'm a
- metrologist, not a lawyer, but that's certainly
- been the track record for about any US EPA action

- these days. So it's very possible that it would
- be challenged.
- MS. RIOS: Historically, have
- 4 challenges to the ozone standards resulted in
- 5 delay of an implementation schedule or
- 6 designations?
- 7 MR. KALEEL: It certainly could.
- 8 I'm just trying to recall the recent history. EPA
- 9 had adopted the prior 8-hour standard in 1997 and
- it wasn't until, I believe, 2004 or 2005 that they
- issued their implementation rule. So it could
- 12 certainly delay it.
- MS. RIOS: Going back to several of
- the questions on the geographic area of the
- classification for the new ozone standard and if
- the geographic area is bigger, larger than the
- current non-attainment area, will more sources be
- 18 subject to NOx RACT?
- MR. KALEEL: I believe so. I
- haven't looked at the emissions inventory for
- counties surrounding the current non-attainment
- 22 area. So I don't know what major NOx sources are
- in those counties, what industries they belong to,
- what the applicability thresholds might apply.

- 1 I'd say it's certainly likely that additional
- sources would need to comply with NOx RACT, but I
- don't have any specifics on that right now.
- 4 MS. RIOS: Would those sources be
- 5 required to install controls consistent with the
- 6 existing rule?
- 7 MR. KALEEL: That would be our
- 8 intent, yes.
- 9 MS. RIOS: If the geographic area is
- determined to be smaller than the current area
- that's non-attainment, would the NOx RACT rule
- controls not be required at those sources in that
- 13 area?
- MR. KALEEL: I mean, that's real
- speculation. I can't conceive of a circumstance
- where the area would be smaller. These boundaries
- have existed at least since 1990 and probably
- 18 earlier than that.
- MS. RIOS: Earlier, you testified
- 20 regarding the designations and this schedule for
- that could be anywhere from 12 to 24 months. Is
- there a possibility that there could be an
- additional one year extension for designations?
- MR. KALEEL: Beyond 24 months, I'm

- not aware of an approach that would -- anything in
- the law that would allow them more than 24 months
- 3 to complete that process. I could be wrong. Gina
- 4 had pointed out a citation, and I'm not familiar
- with the document that we're looking at, but there
- does appear to be a provision for an extension of
- 7 a year if the administrator has insufficient
- g information. I haven't looked at this language
- 9 before, but it's possible what they're looking at
- are areas that don't have monitoring data.
- MS. RIOS: Going back to the
- questions and testimony regarding the modeling and
- whether to include facility shutdowns or upgrades
- in that effort. You testified that they probably
- wouldn't be included for several reasons, but
- wouldn't the shutdowns or the upgrades at those
- facilities impact the monitors, show improvements
- 18 at the monitoring?
- MR. KALEEL: They certainly would.
- MS. RIOS: Do you know where in
- 21 proximity to Illinois the State Line Power Plant
- facility is?
- MR. KALEEL: Yes.
- MS. RIOS: Does it impact the air

- quality in Illinois?
- MR. KALEEL: Certainly, it does,
- yes.
- MS. RIOS: Are you aware of other
- 5 continued reductions independent of this rule that
- impact the air quality in the Chicago area?
- 7 MR. KALEEL: Yes. I'm familiar with
- 8 several that will provide reductions beyond the
- 9 current date including mobile source control
- measures. One of your questions asked about that.
- We expect continued reductions of VOC, volatile
- organic compounds, and NOx emissions from mobile
- sources. Both on road and off road mobile
- 14 sources.
- We know that there's an
- agreement with many of the largest utilities in
- the State of Illinois to implement multipollutant
- controls. That was part of the requirement of
- 19 Illimois's mercury rule that the Board had
- approved and many of those reductions are yet to
- occur. I believe for NOx emissions all those
- controls have to be in place by 2012. So there's
- still another year before all those measures are
- in place. Those are some examples. There may be

- 1 others.
- MS. RIOS: Is it possible that
- 3 knowing whether NOx RACT is required and if it is
- 4 receiving a firm answer on the implementation
- 5 schedule from US EPA that the deadline will need
- to be extended beyond 2013?
- 7 MR. KALEEL: The deadline for 2013?
- MS. RIOS: For example, the NOx RACT
- ⁹ 2013 deadline for implementation of sources?
- MR. KALEEL: I'm a little confused
- by the question. 2013 is what is confusing me.
- MS. RIOS: Or 2015. 2015.
- MR. KALEEL: As I mentioned or
- responded to an earlier question, I think the
- 15 Agency would be willing to consider alternate
- dates once we have some clarity from US EPA as the
- to what the requirements will be.
- MS. RIOS: And if the deadline did
- need to be extended or additional revisions to the
- NOx RACT rule are required in order to achieve --
- to comply with the new standard, how will Illinois
- 22 EPA go about implementing those?
- MR. KALEEL: Our usual approach is
- to initiate some sort of a dialogue with state

- 1 holders to try to identify issues to try to share
- information to try to resolve any issues prior to
- filing a proposal with the Pollution Control Board
- 4 and then the following steps obviously are to make
- 5 the proposal and to do the rulemaking.
- 6 MS. RIOS: I think I'm finished.
- 7 MR. ROBERTSON: Thank you. Did
- 8 anybody else have any questions today? Seeing
- 9 none, any members of the Board have questions?
- 10 Okay. Is there anyone else that would like to
- testify on any other matter in this proceeding
- today? Seeing none, at this point, I would like
- to go off the record to discuss the next set of
- dates for this proceeding.
- 15 (Whereupon, a discussion was had
- off the record.)
- MR. ROBERTSON: So the next hearing
- is set for June 28th at 1:00 p.m. in the County
- Boardroom, No. 203, at the Madison County
- 20 Administration Building in Edwardsville.
- 21 As the previous Hearing Officer
- order noted, the pre-filing deadline for that
- deadline is June 20th. Before adjourning, I'd
- just like to note in introductions earlier I

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     inadvertently left two people off. We've also
     been joined by two of the Board's interns today,
 2
     Ethan Pressly and Erica Yee. My apologies for
 3
     that and with that I'd just like to thank you all
 5
     for taking the time to come out today and we are
     adjourned.
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     STATE OF ILLINOIS
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 1
                          }
                             SS.
     COUNTY OF COOK
 3
           I, Steven Brickey, Certified Shorthand
 5
     Reporter, do hereby certify that I reported in
 6
     shorthand the proceedings had at the trial
7
     aforesaid, and that the foregoing is a true,
 8
     complete and correct transcript of the proceedings
 9
     of said trial as appears from my stenographic
10
     notes so taken and transcribed under my personal
     direction.
11
           Witness my official signature in and for
12
     Cook County, Illinois, on this 7<sup>th</sup> day of
13
     June, A.D., 2010.
14
15
16
17
18
19
                           STEVEN BRICKÉY, CSR
20
                           8 West Monroe Street
                           Suite 2007
21
                           Chicago, Illinois 60603
                           Phone:
                                   (312) 419-9292
22
                           CSR No. 084-004675
23
24
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