BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

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In the Matter of the
Complaint of Federal
Insurance Company, as
Subrogee of Genesis
Healthcare System,
:

:

Complainant,

:

vs. : Case No. 12-1750-EL-CSS

:

Ohio Power Company,

:

Respondent. :

- - -

PROCEEDINGS

before Mr. L. Douglas Jennings, Attorney Examiner, at the Public Utilities Commission of Ohio, 180 East Broad Street, Room 11-C, Columbus, Ohio, called at 10 a.m. on Thursday, October 24, 2013.

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Thursday Morning Session, October 24, 2013.

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EXAMINER JENNINGS: The Public Utilities

Commission has assigned for hearing at this date and

time a hearing in the Complaint of Federal Insurance

Company, as Subrogee of Genesis Healthcare System,

versus Ohio Power Company.

My name is Doug Jennings. I am an Attorney Examiner, and I will be presiding over the hearing.

At this point in the proceeding I would request that the parties enter appearances on the record. Let's begin with an appearance on behalf of Federal Insurance Company.

MR. THEVENY: Yes. My name is Daniel C.
Theveny, T-H-E-V-E-N-Y, with the law firm of Cozen
O'Connor representing the Complainant Federal
Insurance Company and Subrogee Genesis Healthcare
System. In attendance today with me on behalf of
Genesis Healthcare System is their risk manager
Deborah Trimble, T-R-I-M-B-L-E, and their director of
plant operations Charles Thomas Williams. I also
have in attendance with me an engineer Jeff Paulus
who assisted us in our investigation.

EXAMINER JENNINGS: Thank you.

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And may I have an appearance on behalf of Ohio Power Company.

MR. ALAMI: Thank you, your Honor. On behalf of Ohio Power Company, Steven T. Nourse, Yazen Alami, American Electric Power Service Corporation, One Riverside Plaza, 29th Floor, Columbus, Ohio 43215, and Christen Blend, Porter, Wright, Morris & Arthur, 41 South High Street, 30th Floor, Columbus, Ohio 43215.

EXAMINER JENNINGS: Thank you. At this point I will allow the parties to make opening statements beginning with the Complainant.

MR. THEVENY: Thank you, Mr. Attorney Examiner. Good morning, all. Thank you for the opportunity to appear before the Public Utilities Commission of Ohio today to present our complaint with regard to improper service on the part of Ohio Power Company and the opportunity to fully vet that issue before the Commission. Genesis Healthcare System is interested in this issue as well, and they are here today as well in order to assist me in that endeavor.

I'll lay out what evidence -- what the evidence will show, in fact, what evidence is already

of record in the proceeding. I would like to move through that pretty quickly, summarize the filed testimony that's already of record, and then we'll proceed from there.

2.1

As everyone knows, I believe, we are here because of an overvoltage condition from the Ohio Power Company Linden Avenue Substation in Zanesville, Ohio, which occurred on June 14 and 15, 2010. This Ohio Power Company Linden Avenue Substation provides service to Genesis Healthcare System. In fact, at that time it provided service to two Genesis Healthcare System Hospital and Healthcare Treatment Facilities. Both are operated on a 24-hour-a-day, 7-day-a-week basis.

The overvoltage condition resulted as a failure of a control panel for a tap changer at the substation. The tap changer -- I'm sorry, the control panel failure caused the tap changer to fail in that it malfunctioned and went into an overvoltage condition.

This overvoltage condition shut down the chiller unit on the HVAC on the Genesis Healthcare hospital resulting in an increase in temperature and humidity in a medical and surgical supply storage room. It destroyed those sterile medical and

surgical supplies, and the damage was \$439,405.45.

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MR. ALAMI: Your Honor, at this point — and I understand the Bench has asked for opening statements, but Mr. Theveny, his opening statement would be about 45 minutes. We don't believe that that's appropriate here. Mr. Theveny is reciting facts that are within the record and the filed testimony and pleadings that have been filed in this case.

Mr. Theveny isn't available for cross-examination. And to the extent that he is making factual representations and without the company being able to test the validity of those factual representations, I believe it's inappropriate for Mr. Theveny to proceed in this manner. Much of the information that he's just laid out here is available in the record in this case, and the company is under the impression that an opening statement should briefly lay out the iss — the issues and not go into any factual allegations or theories of the case.

For those reasons, your Honor, I would object to the extent that Mr. Theveny's opening statement is to be construed as testimony in this case.

MR. THEVENY: May I address that,

Attorney Examiner?

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EXAMINER JENNINGS: Yes.

MR. THEVENY: It's not intended to be testimony. It's intended to be the Complainant's right to assert a summary of the evidence of what we believe it will show and how it bears on our burden of proof, nothing more, nothing else. And every case I have ever been involved in the statements of attorneys, as the Attorney Examiner well knows, are not to be construed as evidence and are in no way to be considered evidence, but I am merely trying to lay out the facts as of the record so that we can present our case consistent with those facts and there will be an understanding with regard to the inferences that we will draw and the arguments we will make at the closing of the proceeding.

MR. ALAMI: And if I may just real quickly, your Honor, the record already contains the facts as Mr. Theveny indicated, and the Commission and your Honor can draw inferences that it will and it may from the record.

To the extent Mr. Theveny is -- is reciting facts or testimony of witnesses who aren't here for cross-examination, that again is improper.

MR. THEVENY: I haven't -- I am really -- I have not done anything of the sort. I am not misrepresenting what any witnesses said. These are facts of record. I should be entitled on behalf of the Complainant and Genesis Healthcare System to lay out the facts that are important to our case and the complaint we brought before this Commission.

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MR. ALAMI: Your Honor, I didn't say he was misrepresenting. I just said to the extent he is presenting and, you know, with all due respect the facts again are in the record and unnecessary for Mr. Theveny to recite them here today with his biased slant is all I am saying. Thank you, your Honor.

EXAMINER JENNINGS: I will allow a summary of the evidence that you intend to show. However, it should be brief, and we can discuss the filing of a brief after the hearing which will give you an opportunity to make factual assertions and arguments which may take some of the load off the opening statement. But typically opening statements are brief. So if --

MR. THEVENY: I will try to truncate it in that fashion. I certainly will limit it to the facts. Perhaps in this manner there are certain facts which are not in dispute which can help to

expedite this hearing a great deal. First, that the control panel failed; as a result, the tap changer went into full boost. This overvoltage condition created by the tap changer going into full boost shut down the chiller unit on the HVAC system. The shutdown was due to the protection device on the chiller unit which is to prevent damage to it. It shut down, of course, as I already stated, caused a rise in temperature and humidity with a result in the damage to the sterile supply system.

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Important to understand for purposes of what's not contested for the evidence that is available to be considered here today that Ohio Power Company has conducted no investigation nor determined why the tap changer went into full boost.

MR. ALAMI: Objection, your Honor. He is mischaracterizing Ohio Power Company's witnesses' testimony. He is going beyond just recitation of the facts. His characterization of these facts are undisputed is false, and the company objects to that characterization of these facts as such. Mr. Hall's testimony, as will be shown later today through the witness, clearly indicates he has undertaken an investigation with respect to the control panel failure.

EXAMINER JENNINGS: Mr. Theveny, if you could limit your opening statement to what you intend to produce as evidence, that would be helpful in expediting.

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MR. THEVENY: I will do that. We will present as evidence in this proceeding the -- as already of record, I believe -- I just want to make sure there is no objection with regard to what is of record. One of the reasons why I took the time to carefully lay out an opening statement was because I want to make certain that by filing of record what we did with regard to the direct testimony of the witnesses of both Genesis Healthcare System and the direct testimony I elicited during the deposition testimony of the Genesis Healthcare -- I'm sorry, of the Ohio Power Company employees, that that is of record for purposes of the disposition of this proceeding.

In reviewing the rules that apply to these hearings, it was not clear to me whether or not that would be accepted as part of the evidence of record to be considered by the Commission in reviewing this matter so I think it's important for the Complainant to go over these facts precisely for this reason because apparently there is some issue

concerning what is of record in this matter already, and I do not want to have to face that problem of not having to get before this Commission the proper evidence for its full consideration of the matter.

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MR. ALAMI: And, your Honor, I would just point out that's why we are here today at this evidentiary hearing is to develop the record for the Commission to review in making its decision in this case. You know, the company recognizes that Genesis Healthcare, and Mr. Theveny in particular, may not be necessarily that familiar with the Commission's proceeding. And the fact that the company has allowed Federal and Mr. Theveny, when it will, irrespective of the Commission and the Attorney Examiner's entries in this case as to how the procedural schedule should proceed, is indicative of the fact that the company recognizes that some leeway should be provided.

However, Mr. Theveny's misunderstanding or unsure or not clear as to what the rules will and won't allow in a hearing shouldn't alleviate his burden as the Complainant to demonstrate its case in this evidentiary hearing and to demonstrate the evidence that it feels should be of record in this case here today.

MR. THEVENY: What -- that's -- it's not an excuse. What possible --

2.1

EXAMINER JENNINGS: Let me see if this addresses your issue. If you're concerned that -- if it's your understanding that the opening statement may be used as evidence upon which a decision is based, it will not be.

MR. THEVENY: I understand that. But I want to make sure that -- I don't see any harm to Ohio Power Company in allowing me to recite what is key facts with regard to what's on the record for purposes of the opening statement.

MR. ALAMI: Well, your Honor, to the extent the company disputes the key facts that
Mr. Theveny is reciting, it is harm to the company,
and I would just point out as an example the
Complainant obviously misunderstanding the process of
the Commission proceedings has filed direct testimony
on behalf of the company's witnesses. That's
improper. The company gets to determine what is its
direct testimony.

The Complainant has taken discovery depositions of company personnel, but he can't label them as direct testimony and determine that they stand on the record as the word of the company's

witnesses in this case. That's why the company is objecting to his characterization of making sure that the direct testimony of the company witnesses that Complainant filed is record evidence.

That is improper, your Honor, and the company objects to that.

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record.

MR. THEVENY: So here we are for the first time this issue being raised. This is incredibly prejudicial to the Complainant. That direct testimony was filed back in June. They should have raised that issue much sooner than that.

But not only that more fundamentally when your witness, your employee, your client provides testimony that's an admission against interest, an admission against the company, a Complainant is absolutely entitled to present that testimony adverse to your position. You cannot shield adverse facts under the guise that they are your employees that you can control and manipulate the way you see fit. That's an outrage.

EXAMINER JENNINGS: Let's go off the record for a moment.

(Discussion off the record.)

EXAMINER JENNINGS: Let's go back on the

MR. ALAMI: Thank you, your Honor. In response to Mr. Theveny's previous statement the company would just note after Federal filed direct testimony of company witnesses, the parties did get together with the Attorney Examiner, discussed a revised procedural schedule to expressly delineate the way the procedure would flow in this proceeding and expressly delineated when direct testimony of the company would be due, when direct testimony of the Complainant would be due to absolve any misunderstanding what would be labeled as direct testimony or rebuttal testimony on behalf of either party in this case.

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Thank you, your Honor.

MR. THEVENY: And just briefly after that hearing, that adjustment, we again refiled direct testimony of witnesses of Ohio Power Company because that testimony constituted admissions adverse to their position in this proceeding in a question and answer format which happened to be in a deposition transcript. That is simply form over substance.

There would be no way for us -- the whole crux of this proceeding is such that they hold all the cards. They won't deal the cards. We have no choice but to elicit testimony directly from their

witnesses and file it in a direct fashion in support of our case.

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EXAMINER JENNINGS: Let's continue with your opening statement.

MR. THEVENY: Thank you.

All right. The evidence is established that the control panel for the tap changer was thrown away. There was no documentation of its condition, no photographs, no written summary of its condition. These are through answers to interrogatories which are of record. The answers to requests for admissions which are now of record by way of the hearing brief and the exhibits filed to where the hearing brief was filed on October 17 established there are no written records which document testing of dialectic strength for the tap changer, no records for inspection of the tap changer, arcing contacts, no written records for lubrication of the tap changer motor drive bearings, no written records for dynamic braking adjustments, no written records for inspection of relays.

The requests for admissions, answers to interrogatories again have been filed of record, will be cited hereinafter. Ohio Power Company does not include in the service it provides to Genesis

Healthcare or any of its customers information about why tap changers go into full boost. Again, through what's of record Ohio Power Company does not include in the service it provides to Genesis Healthcare or any of its customers information about why control panels for tap changers fail.

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It's admitted through discovery that's now been filed of record that Ohio Power Company did not know the tap changer had gone into full boost until it was notified by Genesis Healthcare System of the overvoltage condition, and it has been admitted for written discovery which is now of record that the Ohio Power Company has no equipment, computer program, control panel programs, alarm systems, or any other devices for monitoring or determining when a tap changer goes into full boost.

These are included in Ohio Power

Company's objections and responses to Complainant's

first set of requests for admission, fourth set of

requests for production, and fifth set of requests

for interrogatories which is Exhibit D to

Complainant's hearing brief filed on October 17.

These uncontested facts are also with regard to the malfunction of the -- failure of the control panel causing the tap changer to go into full

boost is found in Ohio Power Company's answers to Complainant's first set of interrogatories and requests for production at interrogatory No. 4 which is Exhibit E as in Edward to Complainant's hearing brief, "Ohio Power Company's disposal of the control panel was pursuant to business practices but there are no written standards" is Ohio Power Company's responses to Complainant's second set of requests for production which is Exhibit F to the hearing brief.

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Ohio Power Company did not know that the tap changer went into full boost. It was notified by Genesis Healthcare System. That is in Ohio Power Company's responses to Complainant's fourth set of interrogatories answer to interrogatory No. 1 which is Exhibit H to the hearing brief and that Ohio Power Company has no equipment or way to monitor when a tap changer goes into full boost is of record in Ohio Power Company's answers to Complainant's fourth set of interrogatories at answer to No. 5 which is also Exhibit H to the hearing brief.

To the extent necessary we will separately mark or move those into evidence as exhibits, but I'm not sure if it's necessary because they are of record by way of the citation to the exhibits to the hearing brief.

EXAMINER JENNINGS: We will address that issue.

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MR. THEVENY: All right. And then I just want to briefly, very briefly, direct — the direct testimony issue with regard to the filing of the direct testimony of Ohio Power Company employees.

There was simply no procedure provided for with regard to — there was a requirement to file direct testimony. The depositions were taken. And they speak for themselves with regard to the need to inspect the tap changer contacts for thickness, the need to enter tap changer maintenance as required by the manufacturer, need to be entered into the Ohio Power Company ISIS maintenance software program, the fact that there is no such information in those records.

This testimony was elicited by way of deposition taken by myself of these witnesses. It's included in the direct testimony of station manager Eugene Campbell --

MR. ALAMI: Your Honor, I would object at this point.

MR. THEVENY: Very briefly --

MR. ALAMI: Mr. Theveny is introducing deposition transcripts and statements made therein as

purported to be evidence in this record of witnesses that aren't here to testify. If Mr. Theveny wanted Mr. Campbell here, he should have subpoena him. If Mr. Theveny wanted to introduce these deposition transcripts of Ohio Power Company witnesses that aren't here as evidence, he should have made a filing, requested leave to do so, just in a similar manner that he did with his own witness, Mr. Paulus.

2.1

It is inappropriate to proceed in this manner. I would just note the objection, and I would, you know, ask that the Bench instruct

Mr. Theveny to quit trying to introduce direct testimony of company witnesses who aren't here and who have not filed direct testimony in this case.

EXAMINER JENNINGS: As I understand Mr. Theveny's argument, he's not necessarily referring to testimony but the process for getting the testimony. To that extent I will allow him to proceed.

MR. ALAMI: Thank you, your Honor.

EXAMINER JENNINGS: Objection overruled.

MR. THEVENY: It was also in the direct testimony of station manager Carlos Brewer, senior equipment specialist Robert Hall, senior station service technician Gary Parker, and engineering

technician David Sullivan, all of these were filed of record on June 17, 2013, as per the requirements of the scheduling order in this matter.

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I don't -- this -- these are raised now because -- this should not be a hearing by ambush. If anybody is being ambushed, it's the Complainant by this really nonprejudicial objection to introducing direct testimony. They knew it was out there. They knew we intended to reply upon it. They had every obligation to bring these employees here if they felt it was important.

We've met our burden by bringing this testimony before the Commission by way of a filing of its direct testimony. Clearly the filing of the direct testimony was not a nullity. If they thought it was defective at that time, they should have raised the issue then, certainly not on the day of the hearing. They knew the fact we filed it as direct testimony on behalf of the Complainant. They clearly knew back in June we had every intention of relying upon it.

With regard to direct testimony they are here. Certainly Tom Williams is here today, Charles Thomas Williams but he goes by Tom Williams. He is the manager of the plant operations. He has

established the issues with respect to the overvoltage condition, the fact that the chiller unit has a sensor on it which protects it from damage in the event of an overvoltage condition, that it was due to a problem at the Linden Avenue Substation, that the hospital complied with all applicable code and requirements with regard to emergency backup systems, what was required to be on it. The chiller unit was not. There wasn't an alarm in place. That's been established.

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Certainly it's been established that with regard to what they were supposed to be doing and not doing, they did everything they were supposed to be doing. So that's here today as well.

At the end of the proceeding in order to truncate this thing at the request of the Attorney Examiner, I will go through this again in my closing to make sure that we mark, if necessary, as directed by the Attorney Examiner, any exhibits. That's if it's necessary to also do that, although it's already of record and I can cite the docket date that it was filed.

Because so much of this is of record already I have asked Ms. Trimble, Mr. Williams, and Mr. Paulus to come here today to answer any questions

that the Attorney Examiner might have but our -- my opening statement is such that the record is there. We've already established the record which we believe will satisfy the burden of proof to show improper service, violation of its obligations to provide proper service.

2.1

I would reserve time for closing to make those arguments in a closing, but other than the right to recall rebuttal witnesses, if necessary, or unless the Attorney Examiner has questions, at this point we will rest subject to that reservation of the right for a closing and any rebuttal, if necessary.

EXAMINER JENNINGS: Thank you.

MR. ALAMI: Thank you, your Honor. I would initially note the company has a pending motion to dismiss the complaint. The arguments made in that motion to dismiss just briefly are and essentially are still the issue — still the case. There was nothing more that the company could have done to prevent the damage to the Genesis Healthcare supplies in this case.

On the contrary Genesis Healthcare could have taken numerous steps to prevent its damages.

Pursuant to the company Commission-approved tariff, the company's tariff, the company is not responsible

for damages resulting from outages caused by damaged equipment.

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In addition, pursuant to the company's tariff the customer, in this case Genesis Healthcare System, is required to provide and have and maintain suitable protective devices to avoid any damages that may result in fluctuations in voltages or energy supply.

In response to Mr. Theveny's opening argument, your Honor, and — and we've already had this discussion before, I would note that to the extent Mr. Theveny assumes that he could file direct testimony on behalf of his witnesses but deprive the company the due process right that it has to cross—examine those witnesses here at the hearing on the record would be a fundamental depravation of the company's due process rights. Not only is it completely outside the realm of any Commission proceeding or the way that these complaint proceedings operate.

The company has and pursuant to the Attorney Examiner's order will address the issues that it has with Complainant's record evidence when Complainant moves to move those documents or whatever they may be into the record. The company would note

that discovery requests aren't record evidence until so moved in at the hearing pursuant to the Commission's rules.

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The direct testimony issue that we've discussed previously, again, fundamental lack of due process rights for the company not to be able to put on its own direct witnesses. Again, we've said that Complainants — and we've given Complainant a lot of leeway and haven't objected or moved to strike much of the documents that Complainant has filed in this case under the theory that there was a hearing and we could address the way that the record is going to be established at the hearing and under the theory that Complainant should necessarily get some leeway.

We've had discussions as to the proper procedure in the way that this case should proceed, and the Attorney Examiner has issued several entries on that. But, again, I would say at bottom the company feels that the Complainant -- and not only the company feels but it is the law that the Complainant has the burden in this case. And the company could have done nothing more to prevent the damages, but Complainant could have done a number of things to prevent their damages in this case.

And I would just note in closing, your

Honor, the company does have cross-examination of Complainant's witnesses and would feel it is very inappropriate if the Attorney Examiner would rule that the Complainant did not need to put their -- be cross-examined on their filed direct testimony.

MR. THEVENY: If I may, Attorney Examiner, address that very quickly?

2.1

EXAMINER JENNINGS: Proceed.

MR. THEVENY: Tell you what, we are more than happy to withdraw we are here and now the direct testimony of Steve Minosky. You can have at it with cross-examination with Tom Williams who is here today so there is no prejudice to you there at all. Knock yourselves out.

MR. ALAMI: Your Honor, the company would like to, as the Attorney Examiner has indicated, when Complainant moves to put their documents or whatever testimony, whatever documents they need to move into the record, the company would propose handling the objections to any admission at that time or whenever the Attorney Examiner feels it appropriate, but the company would note it has objections to the admission of more than just Mr. Minosky's testimony.

EXAMINER JENNINGS: Let's go off the record for a moment.

(Discussion off the record.)

2.1

EXAMINER JENNINGS: Let's go back on the record.

Examiner discussed a procedure and there has been a stipulation in terms of depositions and testimony and witnesses. The stipulation as I understand it, please, counsel, correct me if I'm wrong, there is an agreement between the parties that the depositions of Eugene Campbell, Gary Parker, and David Sullivan will be admitted into the record as depositions but there will be no objection to the admission of those depositions on the part of counsel for Ohio Power; is that correct?

MR. ALAMI: Correct, your Honor.

EXAMINER JENNINGS: Okay. It has also been decided that the Complainant -- oh, let me make an addition to that. There is the deposition of Mr. Minosky or Ms. Minosky?

MR. THEVENY: Minosky, M-I-N-O-S-K-Y, Steven Minosky.

EXAMINER JENNINGS: That deposition by stipulation will also be admitted into the record. And Ohio Power has no objection to that nor does counsel for the Complainant.

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MR. ALAMI: Correct, your Honor. Would
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     it be appropriate to identify them by a number, those
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     four deposition transcripts?
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                  EXAMINER JENNINGS: Yes. If those could
     be identified -- marked --
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                 MR. ALAMI: Your Honor, the company has
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     clean deposition transcripts.
                  MR. THEVENY: I have them as well.
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                 MR. ALAMI: David Sullivan, Gary Parker,
     and Eugene Campbell we could use as the exhibit copy.
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                 EXAMINER JENNINGS: Okay.
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                 MR. THEVENY: I have them right here.
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     The only one --
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                  MR. ALAMI: We just don't have Minosky.
                 MR. THEVENY: I don't have it either. I
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16
     think we can just supplement the record. I have his
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     direct testimony, but I don't have the transcript, I
     don't believe. You are going to hand them up?
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                 EXAMINER JENNINGS: Mr. Alami has those.
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     Are these going to be company exhibits or joint
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     exhibits?
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                  MR. ALAMI: They would be stipulation
     exhibits as we are stipulating to --
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                 MR. THEVENY: Call them Exhibits 1, 2, 3,
     and that's those generic and when we get to AEP --
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MR. ALAMI: How about Mr. Parker Exhibit
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                  MR. THEVENY: Let me mark that down.
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                  MR. ALAMI: Mr. Sullivan Exhibit 2,
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     Mr. Campbell Exhibit 3.
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                  MR. THEVENY: Who is 2 again?
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                  EXAMINER JENNINGS: David Sullivan.
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     Okay. The stip --
                  MR. THEVENY: And we can also -- I
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     apologize. I actually do have a copy of the
     deposition of Steven Minosky so we can make that
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     Exhibit 4.
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                  EXAMINER JENNINGS: Yes.
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                  MR. THEVENY: I only have the one copy,
     however.
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                  EXAMINER JENNINGS: By agreement of the
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     parties Stipulation Exhibit 1 the deposition of Gary
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     Parker, Stipulation Exhibit 2 the deposition of David
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     Sullivan, Stipulation Exhibit 3 the deposition of
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     Eugene Campbell, and Stipulation Exhibit 4 the
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     deposition of --
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                  MR. THEVENY: Steven Minosky.
                  EXAMINER JENNINGS: -- Steven Minosky
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     will be admitted into the record.
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                  (EXHIBITS ADMITTED INTO EVIDENCE.)
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1 EXAMINER JENNINGS: Okay. At this point 2 I believe we are ready to have Complainant's first 3 witness. 4 MR. THEVENY: All right. I will call to the stand Charles Thomas Williams. 5 6 (Witness sworn.) 7 EXAMINER JENNINGS: Thank you. Please be 8 seated. 9 10 CHARLES THOMAS WILLIAMS being first duly sworn, as prescribed by law, was 11 12 examined and testified as follows: 13 DIRECT EXAMINATION 14 By Mr. Theveny: Good morning, Mr. Williams. 15 Q. 16 A. Good morning. 17 Would you state your full name for the Q. 18 record, please. Charles Thomas Williams. 19 Α. 20 And can you state your current employer. Q. 2.1 A. Genesis Healthcare System. 22 And what is your position with Genesis Q. Healthcare System? 23 24 Manager of plant operations -- I Α. 25 apologize. I actually do not work for Genesis. I

- have to always remember that it's Sodexo.
- Q. My understanding is that although employed by Sodexo you perform services for Genesis Healthcare System in connection with your employment with Sodexo; is that right?
 - A. Correct.

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- Q. And what position do you hold relative to your responsibilities at Genesis Healthcare System?
- A. Manager of the plant operations department and responsible for day-to-day operations.
- Q. And you're familiar with this proceeding, are you not?
 - A. Somewhat.
- Q. You gave prior deposition testimony in this matter?
 - A. Yes.
- Q. And you have also provided myself with direct testimony on behalf of the Complainant in connection with this proceeding?
 - A. Yes.
- Q. I'll show you what we'll hand up to you as a document titled "Direct Testimony of Charles Thomas Williams on behalf of Complainant Federal Insurance Company, Subrogee of Genesis Healthcare System." Can you look at that and let me know if

that's the direct testimony that you previously provided to me which has been filed in this matter?

A. Yes, this is it.

MR. THEVENY: All right. At this time, Mr. Attorney Examiner, we would move into evidence the prefiled deposition testimony of Charles Thomas William as Complainant Exhibit 5.

EXAMINER JENNINGS: So moved, subject to cross-examination.

MR. ALAMI: Thank you, your Honor.

Ms. Blend.

MS. BLEND: Thank you, your Honor.

- - -

CROSS-EXAMINATION

By Ms. Blend:

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- Q. Good morning, Mr. Williams. How are you?
- A. Good morning. Fine, thank you.
- Q. Mr. Williams, could you please just briefly describe your educational and -- your educational background and any relevant certifications relevant to your position at Sodexo and Genesis Healthcare.

THE WITNESS: Can I ask a question then?

MR. THEVENY: Sure.

THE WITNESS: Are we going to review

Armstrong & Okey, Inc., Columbus, Ohio (614) 224-9481

everything we did in the deposition?

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MR. THEVENY: Well, I don't know that we will or not. But why don't you answer the questions.

- A. So, I'm sorry, would you please ask one more time?
- Q. Sure. I can break it down into smaller questions. You are a high school graduate and currently taking college classes, correct?
 - A. Correct, correct.
- Q. And your -- you have an electrical safety inspector certification?
 - A. Yes.
- Q. And you are an elect -- also have an electrical contractor certification?
 - A. State of Ohio, yes.
- Q. And you are a certified healthcare facilities manager?
 - A. Yes.
- Q. In your role as -- at Genesis Healthcare with Sodexo -- and just for clarity as we go forward, I'm just going to refer to you as being employed by Genesis Healthcare, if that's okay with you.
 - A. That's fine.

- Q. In your role at Genesis Healthcare, are you familiar with how Genesis Healthcare's systems receive electricity?
 - A. Yes.

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- Q. Including the HVAC system?
- A. Yes.
- Q. And in June, 2010, power was delivered to the HVAC system at the Genesis Healthcare Bethesda facility from the Linden Avenue Substation from AEP Ohio's Linden Avenue Substation, correct?
 - A. Yes.
- Q. Can you please describe for the record how -- how electricity is then directed throughout the hospital to the chiller unit that is at issue in this case.
- A. At the time of the incident it was distributed to the chiller unit. From that point where the substation from Linden Avenue came in, then it goes to a distribution board that is transforming the voltage, is reduced down then into 480 volt, and then it's distributed again to distribution panels and then power is run out from that distribution panel to that chiller.
- Q. What amount of voltage is required to operate the chiller or what amount of voltage runs to

the chiller typically?

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- A. Typically we refer to it in nominal voltages, 480, 480 volts.
- Q. On the date of the incident there was overvoltage protection on the chiller unit, correct?
 - A. Yes.
- Q. And that was located on the physical chiller unit itself?
- A. It's built into the -- Trane builds the chiller and it's put -- it's built into the chiller itself.
- Q. So it's on the actual piece of equipment.

 It's not like some type of overvoltage that would

 trip before the current got to the equipment,

 correct?
- A. It's not an individual piece in between the distribution to the chiller, no.
- Q. At what voltage was the chiller set to trip on the date of the incident?
- A. With an overvoltage condition, I don't know of -- I don't know the exact voltage that it was set to trip at. I didn't actually even know that this chiller had that capability at the time. We actually discovered that that was built into the chiller by the manufacturer.

- Q. And the purpose of the chiller unit is to maintain the temperature and humidity for the part of the hospital that it serves; is that correct?
- A. It's part of the system to maintain temperature and humidity. There is also an air handler associated with the chiller.
- Q. And that chiller unit and air handler serve a number of surgical suites and also the surgical sterile supply room that is at issue in this case?
 - A. That's correct.
- Q. And for the areas that the chiller unit serves, Genesis Healthcare tries to maintain a temperature range between 68 and 74 degrees, correct?
 - A. Correct.

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- Q. And for that area Genesis Healthcare tries to maintain a humidity between 30 and 60 percent; is that correct?
 - A. That's correct.
- Q. Does the chiller unit at issue -- let me start over.

On the date of the incident at issue here, did the chiller unit have to be manually reset after an overvoltage condition, or did it automatically reset once --

- A. I found out later that it -- I didn't know at the time of the deposition that it did -- it will actually reset on its own.
 - O. So as soon as --

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- A. As soon as the voltage comes back within range, it will -- it will automatically reset. That was at least described to me by the trained technician that was in later.
- Q. And at the time of the incident the air handler component of the HVAC system was on a separate circuit from the chiller unit; is that correct?
 - A. That's correct.
- Q. Was either connected to an emergency power source?
- A. The chiller was not connected to an emergency power source. The air handler was connected to an emergency power source.
- Q. Now, if an overvoltage event had shut down the -- let me back up.

Does the air handler have overvoltage protection?

- A. Not that I am aware of.
- Q. When did you personally become aware of the issue with condensation on the supplies in that

sterile supply room?

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- A. That morning of the -- was it the 15th?

 Is that -- I think it was the 15th; is that correct?
- Q. Correct. So the incident at issue -- the incident at issue took place -- or Genesis Healthcare became aware of the incident at issue on June 15, 2010?
 - A. Yes.
- Q. And you just testified you became aware of the incident the morning of June 15, 2010, correct?
- A. Yes.
- MS. BLEND: May we approach, your Honor?

 EXAMINER JENNINGS: Yes.
- MS. BLEND: I would like to mark AEP

 Exhibit 1, please.

(EXHIBIT MARKED FOR IDENTIFICATION.)

MR. THEVENY: I thought we were going to go in sequence. I think we should -- we have got exhibits that are stipulated to, exhibits that will be introduced by me and by you.

MS. BLEND: That's fine.

MR. THEVENY: 6, so it would be AEP

Exhibit 6? Is that okay? Unless you prefer

25 otherwise.

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                  EXAMINER JENNINGS: Let's keep those
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     separate because we have the depositions marked as
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     stipulation exhibits and these will be AEP exhibits
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     and let's start the numerical sequence with 1.
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                 MR. THEVENY: That's fine. The only
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     thing I should correct the first Complainant's
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     exhibit has been marked as Exhibit 5. It was
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     Mr. Williams' prefiled testimony. That's why I
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     suggested but we can certainly remark that as
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     Complainant's 1.
                  EXAMINER JENNINGS: Yes. Let's do that.
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                 MR. THEVENY: All right. I'm sorry.
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                  (EXHIBIT MARKED FOR IDENTIFICATION.)
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                 EXAMINER JENNINGS: Sorry for the
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     interruption.
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                 MS. BLEND: No problem at all, your
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     Honor.
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                 MR. THEVENY: May I ask? I have been
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     referring to you as "Mr. Attorney Examiner." Is it
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     more appropriate to address you as "your Honor"?
                  EXAMINER JENNINGS: Yes. That would be
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     fine.
                 MR. THEVENY: I'm sorry. I didn't know
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     that.
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                 EXAMINER JENNINGS: I will respond to
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question.

EXAMINER JENNINGS: I'll allow the

MR. THEVENY: You might want to ask him

if he knows.

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- Q. Do you know whether it would be the normal practice for an employee to make this type of report when they found condensation or water?
 - A. That would be normal, yes.
- Q. Thank you. And if you could turn or look, rather, on the first page of the document -- the document states an incident date of June 15, 2010, and a time of 6:30, correct?
 - A. Yes.
- Q. And if you look at the fourth page of the document, the last page of the document, that also reflects the date of 6-15-10 and the time of 6:30 and that would be 6:30 in the morning?
 - A. Yes. I would assume that's what.
- Q. Thank you. Genesis Healthcare System has two hospitals or two facilities in Zanesville, correct?
 - A. Correct.
- Q. One is the Bethesda facility at issue here, and the other is the Good Samaritan facility?
 - A. That's correct.
- Q. And the substation at issue here, the Linden Avenue Substation, on the date of the incident served both Genesis Healthcare facilities, correct?

- A. To the best of my knowledge it did, yes.
- 2 Q. Okay.
- 3 MS. BLEND: I would like to mark AEP
- 4 Exhibit 2.

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- 5 (EXHIBIT MARKED FOR IDENTIFICATION.)
- Q. Mr. Williams, do you recognize this exhibit?
 - A. Yes, I do.
 - Q. And is it a system failure report that an employee named Rob Bell prepared on June 14 -- I'm sorry, June 14 to June 15, 2010?
 - A. Yes.
 - Q. And you've seen this document before?
 You have seen this document before?
- 15 A. Yes.
 - Q. And would this type of document have been prepared as part of Mr. Bell's job responsibilities?
 - A. Yes.
- Q. Okay. And is it a regular practice to keep these types of reports?
- 21 A. Yes.
- Q. If you'll look at the top third of the page, there is a space to describe the problem.
- 24 A. Yes.
- Q. This report states that AEP supplied

overvoltage to both campuses, correct?

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- A. That's what it says, yes.
- Q. Would the reference to campuses be the two facilities, the Genesis Healthcare facilities?
- A. Yes. I'm assuming that's what he intended.
- Q. And this document -- where it says on this document "What equipment/activities were affected and for how long," the document states "Looks like by the surgery trend it started after 1201 hours on 12-14-2010," correct?
 - A. Correct.
 - Q. What is the surgery trend?
- A. There is a -- I think you have it from the deposition, that sheet that I provided you that had the trending for that period of time.
- Q. Could you describe it for the Attorney Examiner.
- A. It's -- it's a trend report. I forget if it's 15 minutes or there is some interval that it's looking at data for temperature and humidity in specific areas of the surgery central sterile at Bethesda Hospital.
- Q. And did you inspect that trend report for the area at issue on the date of the incident,

June 15, 2010?

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- A. On the date of the incident I don't believe I did.
- Q. Did you inspect the actual chiller unit itself on the date of the incident?
- A. I went to that campus and looked at that chiller unit later in the day, yes, after -- after the conditions of overvoltage had been corrected.
- Q. But you've seen -- you've seen and are familiar with the standard trend report for the humidity?
 - A. I'm not sure I understand the question.
- Q. I would like to mark AEP Exhibit 3, and then I will ask you that question again,

 Mr. Williams.

(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. Is this document a copy of the trend report we were just discussing?
 - A. Yes.
- Q. Now, someone prior to this document being produced in discovery marked "start of event" and "end of event" on this report, correct?
 - A. Correct.
- Q. When does this report indicate that the event, the event being the overvoltage condition --

or rather the event being the humidity event, in the sterile supply room began?

- A. Around 12:15 a.m. on the 15th.
- Q. And it's marked that event ended between 7 and 7:15 on the 16th -- I'm sorry, on the 15th?
 - A. Correct.

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- Q. A.m., 7:15 a.m.
- A. A.m., yes.
- Q. Now, you testified a moment ago, I believe, that you -- when you visited the chiller unit or went to inspect the chiller unit that was later in the afternoon of the 15th?
 - A. Yes.
- Q. And the chiller unit was operating again at that point?
 - A. Yes.
- Q. Do you know how if the chiller unit was out of service due to overvoltage the humidity dropped back within a normal range at 7:30 in the morning?
 - A. Do I know? I'm sorry.
- Q. How that could have happened?

 MR. THEVENY: Objection. I didn't understand the question.
 - Q. Sure.

MR. THEVENY: It was argumentative, I think.

- Q. I'll back up. Ms. Kline in the document marked AEP Exhibit 1, we discussed that the person who found the incident or found the issue in the sterile supply room found that issue at 6:30 in the morning on June 15, 2010, correct?
 - A. Correct.

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- Q. Now, we've just discussed that this document AEP Exhibit 3 reflects that humidity in the surgical suites, in the sterile supply room went back to within the normal range which is below 60 percent between it looks to me 7 and 7:15 in the morning, correct?
 - A. According to this report, yes.
- Q. Do you know how it would have been possible for the humidity in that area to have gone back down to within normal range?

MR. THEVENY: Objection. Calls for speculation, lacks foundation. I can elaborate but she -- she's asking the witness to speculate on a time in one document, a document which he did not prepare, which says 6:30 a.m. with regard to a time reflected in another document which is computer generated for a program that he is not responsible

for. To the extent the witness is capable of
answering it, I guess, but it calls for speculation
at this point. There needs to be some more
foundation whether he is in a position to answer that
question so it's argumentative. It's assuming that
he is capable of knowing what the times were.

EXAMINER JENNINGS: I'll allow the question. If the witness knows, then he knows.

- A. So the question is?
- Q. Do you know what step $\operatorname{\mathsf{--}}$ how $\operatorname{\mathsf{--}}$ do you know how the humidity came to be within the normal range $\operatorname{\mathsf{--}}$
 - A. No.

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- Q. -- that morning?
- A. Not at this time, no, I don't.
- Q. Okay. Do you know when the -- do you know when the chiller unit was reset?
 - A. I don't know the exact time. I was not actually at that campus during that.
 - Q. Is it possible that the chiller unit came back on by 7:15, 7:30 that morning?

MR. THEVENY: Objection.

EXAMINER JENNINGS: Overruled.

- A. I don't know.
- Q. Okay. Now, of the equipment in Genesis

Healthcare facility -- Genesis Healthcare System's
Bethesda facility, are there other pieces of
equipment that have overvoltage protection besides
the chiller unit at issue here?

A. That I'm aware of, no.

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- Q. So this was the only piece of equipment in the entire hospital that had overvoltage protection that you are aware of?
 - A. That I am aware of.
- Q. Do you know whether there is -- are any pieces of equipment in the other facility, the Good Sam facility, that have overvoltage protection?
 - A. I don't know that either for sure.
- Q. Now, you contacted AEP on -- on June 15 about the issue, correct?
- A. I contacted John Roberts, yes, which was our customer representative at the time for AEP.
- MS. BLEND: I would like to mark AEP Exhibit 4.

(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. Mr. Williams, you e-mailed Mr. Roberts from AEP about the issue on June 15?
 - A. Yes.
- Q. Is AEP Exhibit 4 a -- an accurate copy of your June 15, 2010, e-mail to Mr. Roberts?

A. Yes.

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- Q. And you sent that e-mail at 12:13 p.m. that day?
 - A. That's what it says, yes.
 - Q. Could you please read the text of the e-mail message that you sent to Mr. Roberts aloud.
 - A. "John, could you please give us a summary of what occurred with this problem?

"We had some issues with certain equipment shutting down on over voltage condition. This led to some humidity and temperature problems for our facilities."

- Q. Thank you. Do you recall whether you sent this e-mail to Mr. Roberts before or after you inspected the chiller unit?
- A. I don't think I -- I'm almost positive I was not -- had not checked the chiller unit at that point.
- Q. To your knowledge did anyone else from Genesis Healthcare System contact AEP on June 15, 2010, about the issue?
 - A. Not that I'm aware of.
- Q. Did you receive a response from Mr. Roberts to your e-mail?
 - A. Yes, I did.

53 MS. BLEND: I would like to mark AEP 1 2 Exhibit 5. 3 (EXHIBIT MARKED FOR IDENTIFICATION.) 4 Is AEP Exhibit 5 an accurate copy of Q. 5 Mr. Roberts' e-mail to you in the center of the page? 6 Α. Yes. 7 Q. And he sent that e-mail to you on June 15, 2010, at 4:50 p.m., correct? 8 9 Α. Correct. 10 0. And could you read the text of Mr. Roberts' e-mail message to you aloud. 11 12 Α. Yes. "Tom, we had a tap changer at the 13 Linden Avenue station go into full boost. Our 14 station people went to the station and ran the voltage back to normal manually, and left it in that 15 They think the main control board failed 16 position. 17 and are ordering a replacement. "You shouldn't have any more problems." 18 19 Q. Thank you. And you didn't send any 20 additional questions to Mr. Roberts about the issue 2.1 after this e-mail was received, correct? 22 Α. Not that I -- I can't think if I did. So you don't think you did or you don't 23 Ο. 24 know?

I don't believe I did.

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Α.

You never sent him an e-mail asking him 1 0. 2 about the replacement of the control panel that this 3 e-mail references? 4 MR. THEVENY: Objection, argumentative. EXAMINER JENNINGS: Overruled. 5 I don't recall. I don't recall having 6 Α. 7 any follow-up conversation -- or follow-up e-mail 8 with John about it. I may have had some 9 conversation, but I don't believe it was an e-mail. 10 0. Okay. Do you recall ever asking him about the control panel that was replaced? 11 12 Α. You mean after this? 13 Q. Yes. No, I don't. 14 Α. And you didn't ask him to keep the 15 Q. 16 control panel so that Genesis Healthcare System could 17 inspect it? 18 Α. I did not ask him that. 19 To your knowledge did anyone else from Q. 20 Genesis Healthcare ever make such a request? 2.1 Α. Not to my knowledge. 22 MS. BLEND: I would like to mark AEP Exhibit 6. 23 24 (EXHIBIT MARKED FOR IDENTIFICATION.)

Mr. Williams, do you recognize the

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Q.

document that I have marked AEP Exhibit 6?

A. Yes, I do.

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- Q. And this is a report prepared by Steven Minosky on June 15, 2010, correct?
- A. It doesn't have a date of when it was done. It has a date of the failure, yes, of June 15.
- Q. Thank you for that correction. And would Mr. Minosky attach this type of report as part of his job responsibility as Genesis Healthcare System?
- A. Yes. Steve and -- Steve Minosky, coordinator; Robb Bell is also a coordinator.
- Q. If you look at the bottom of this —
 towards the bottom of this document, there's a
 question "What actions were taken to prevent a
 recurrence" and the response states "Genesis has
 installed new humidity gauges in the ORs and are in
 the process of installing alarm monitoring at the
 PBX." Do you see that?
 - A. Yes.
 - Q. What is the PBX?

MR. THEVENY: Objection, your Honor. If
I may at this point for the record note that this
line of questioning deals with post-incident remedial
action taken by Ohio Power -- taken by Genesis
Healthcare System and post-remedial action undertaken

in this case by Genesis Healthcare System or any customer is not relevant to the disposition of the question of whether there was inadequate or improper service by Ohio Power Company on the date of the incident itself.

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So I would interpose an objection on the basis of relevance. It's prejudicial. Its probative value outweighs any -- its prejudicial effect outweighs any probative value before the Commission.

MS. BLEND: May I respond, your Honor?

EXAMINER JENNINGS: I'll overrule the objection.

MS. BLEND: Thank you.

- A. PBX, I am not exactly -- public broadcast but it's actually -- the location is intended to mean it's our switchboard location where we have manned 24 hours.
- Q. Was the humidity and temperature in the stairwell monitored in June, 2010?
- A. It was monitored by reference to the trend anal -- trend report monitored through the building, automation system.
- Q. Okay. And where would those reports have -- let me back up.

Those reports were sent to a computer?

A. Yes.

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- Q. Where was that computer located?
 - A. In the plant operations department.
 - Q. And that's different from the PBX?
 - A. It is.
 - Q. It's in a different part of the hospital?
 - A. Yes.
 - Q. And the computer in the operations department, how often was it checked?
- 10 A. I'm not sure I understand your question.

 11 You mean checked for what?
 - Q. Checked for any issues with --
 - A. Daily. Daily it would have information about multiple systems.
 - Q. Okay. So of the systems that the computer showed reports for, it showed reports for humidity and temperature in the sterile supply area, correct?
 - A. I'm sorry?
 - Q. Other than -- among other reports the computer in the operations department showed reports for the sterile supply room at issue here, humidity and temperature, right?
 - A. It did. This doesn't display on it constantly. We had to go back in and pull this --

you go back in and you pull this data out of the system.

- Q. But there was an alarm for humidity and temperature events outside of the normal range we discussed earlier, was there not?
- A. It would report to that -- to that system, but it is not manned 24/7.
- Q. Okay. Now, the alarm was only checked once a day or that system is only checked once a day?
 - A. You are talking about --
 - Q. That computer.
 - A. You mean those rooms?
 - Q. Yes.

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- A. The rooms themselves would be checked once a day by us but also once a day by staff for -- for the area.
- Q. What about the actual computer itself with the alarm?
- A. It would be checked at least once per day.
 - Q. Okay.
- A. There's no -- wouldn't be a standard time it would be checked either.
- Q. Was there a requirement it be checked at least once a day?

- A. There's a daily round that would ask someone to do that and check off on some temperatures and humidity to make sure everything was in range.
- Q. But conceivably someone could go in first thing in the morning and check that computer screen, see there was no alarm, and then no one could check it again until the following day at the end of the workday?
 - A. That could very well happen, yes.
- Q. Was the sterile supply room monitored on the PBX in June, 2010?
 - A. No.
 - Q. Is it feasible it would have been? Was it possible?
 - A. Possible, could it have been done?
- 16 Q. Yes.

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- A. Absolutely.
- Q. And what steps would have been required in order for it to have been done?
 - A. Some wiring run and tied into a system.
- Q. About how much time would it take to do that?
 - A. I guess I don't know.
 - Q. Well, do you think more than a day?
- 25 A. I don't -- I really don't know, more than

one step to that. That system that we -- that it's looked at through -- is through the fire alarm system so it would have involved the vendor and things like that.

- Q. Is the humidity and temperature for the sterile supply room now monitored on the PBX?
- A. It is monitored in a location that's manned 24 hours/7 days a week.
- Q. Genesis Healthcare System receives alternate feed service from AEP Ohio, correct?
 - A. Correct.

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- Q. Can you just describe your understanding of how that alternate feed service works?
- A. Two sources, two different substations converge on one transfer switch, automatic transfer switch. One source has failed, it switches to the other source, feeds the distribution back to the hospital.
- Q. And Genesis Healthcare receives that service through a contract with Ohio Power Company?
 - A. Yes.

MS. BLEND: I would like to mark AEP Exhibit 7.

(EXHIBIT MARKED FOR IDENTIFICATION.)

Q. Do you recognize what we have marked AEP

Exhibit 7?

2.1

- A. I'm sorry?
- Q. Do you recognize what's been marked as AEP Exhibit 7?
- A. I think I have seen it before. I have not read it in detail, but I recognize it, yes.
- Q. And do you recognize it as the contract between Ohio Power Company and Genesis Healthcare System for standard service offer electricity and also alternate feed service?
 - A. Yes.
- Q. And Genesis Healthcare can manually switch between its primary and alternate feeds, correct?
- A. It can manually -- we can manually switch.
- Q. So if, for instance, there is some issue with the -- if there is a power outage or an overcurrent condition or an overvoltage condition that Genesis Healthcare System is aware of --

MR. THEVENY: Objection. I'm sorry.

- Q. Genesis Healthcare system can turn to the alternate feed and continue to receive electric service despite that issue?
 - MR. THEVENY: Objection, your Honor.

- Compound, confusing. Which condition do you want him to answer? Do you need the question, I guess? I'm sorry.
- A. I think I understand the question. She is simply asking can the -- can we switch manually from one source to the other?
- Q. Yeah. I'll say it differently. If there is a problem with your primary feed and you know about the problem, can you switch to your alternate feed?
 - A. Yes.

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- Q. Was it feasible for Genesis Healthcare System to have had a backup generator connected to the chiller unit at issue in June, 2010?
- A. I don't know what's feasible. I guess I am not sure exactly what you are asking me.
- Q. Sure. I'll restate. Could Genesis

 Healthcare, if it chose, have had a backup generator attached to the chiller unit or serving the chiller unit at issue?
- A. Yes, yes. As a matter of fact, it is now.
 - Q. If an overvoltage event occurs now, can the chiller be run from the generator?
 - A. Could it be, yes, if it -- if we know to

do that.

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Q. Mr. Williams, is it possible that -- let me ask a different question.

Does Genesis Healthcare System have any type of equipment in place that monitors the voltage of electricity coming into the hospital?

- A. The voltage -- let me make sure. How it happen our transfer switches are set up so if there is no voltage, they will automatically switch over. So those -- those automatic transfer switches that we have to have for the different systems, equipment branch, life, safety, and critical, they are sensing voltage all the time on the normal source, okay? If we lose the normal source of voltage, then they automatically will switch over, but we're not looking at voltage and monitoring voltage at any point or location.
- Q. So you are not keeping records of what the voltage record is coming into the hospital.
 - A. No.
- Q. You are looking at whether or not there is voltage at all.
- A. There's places I can go and look, yes, but I don't monitor.
 - Q. Okay. Is it possible that the chiller

unit that tripped in this case was set to trip at a voltage that was too low?

A. I'm sorry?

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- Q. Is it possible that the chiller unit that tripped here causing Genesis Healthcare's damages was calibrated or set to trip at too low a voltage?
- A. That would be set up by the manufacturer so I don't know if -- I mean, I just don't know the answer to that question. Those -- those settings are put in by the manufacturer.

MS. BLEND: Thank you, Mr. Williams. I have no further questions.

MR. THEVENY: A few redirect, if I may?

EXAMINER JENNINGS: Yes.

MR. THEVENY: Thank you.

REDIRECT EXAMINATION

By Mr. Theveny:

- Q. Mr. Williams, just a few questions. Did the chiller unit need to be connected to an emergency power source?
- A. Did the chiller unit need to be connected?
 - Q. At the time of the incident.
 - A. It's not required to be connected to the

equipment branch of the generator system, no.

- O. What is NFPA 99?
- A. It's the healthcare facility's -- you asked me too fast, is a document from the National Fire Protection Association on healthcare facilities.
- Q. Does it provide regulations for how hospitals are to conduct their business and, in fact, deal with electrical supply?
- A. It sets standards that we are to comply with, yes.
 - Q. Is it adopted by code in Ohio?
 - A. Not that I'm aware of.
- Q. All right. But it's the standard you are required to follow.
- A. Yes.

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- Q. Did NFPA require the chiller to be on an emergency power supply line?
 - A. Did the -- I'm sorry?
- Q. Does the NFPA 99 require the chiller unit to be on an emergency supply line?
 - A. No.
- Q. Do you understand AEP to be the Ohio
 Power Company?
- 24 A. Yes.
- Q. Okay. At the time of this incident based

on the records we were shown of -- where would most of the staff be located at the hospital?

A. Where would?

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- Q. Most of the staff be located?
- A. They are split pretty well. I mean, there would -- potentially there's 20, 25 guys. Half would be at each campus roughly.
- Q. Is it fair to say if you don't know Ohio Power Company is supplying overvoltage, that you wouldn't know to switch to alternate power?
- A. I'm sorry. I want to make sure I understand that question.
- Q. If you don't know that supply of power you are receiving from Ohio Power Company is in an overvoltage condition, would it be fair to say you wouldn't know to switch to an emergency power line?
 - A. I would not know.
- Q. Is that something that you rely upon Ohio Power Company to tell you, that is, when it's in an overvoltage condition with regard to its supply of power?
- A. I would -- I mean, when we couldn't figure out what was going on, that's who we called.
- MR. THEVENY: Right. That's all I have.
- 25 Thank you.

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                  EXAMINER JENNINGS: Any further
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     questions?
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                  MS. BLEND: If I could have just one
     moment, your Honor.
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                  I have no further questions, thank you.
                  EXAMINER JENNINGS: You are excused.
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                  MR. THEVENY: Next witness? Call the
     next witness?
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                  EXAMINER JENNINGS: Yes.
                  MR. THEVENY: I'll call Deb Trimble to
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     the stand.
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                  (Witness sworn.)
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                  EXAMINER JENNINGS: Thank you.
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                  MR. THEVENY: May I approach the witness,
     your Honor?
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                  EXAMINER JENNINGS: Yes.
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                        DEBORAH A. TRIMBLE
     being first duly sworn, as prescribed by law, was
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     examined and testified as follows:
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                        DIRECT EXAMINATION
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     By Mr. Theveny:
                  Could you state your full name for the
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             Q.
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     record, please.
25
             A. It's Deborah, D-E-B-O-R-A-H, Ann and the
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- last name is Trimble, T-R-I-M-B-L-E.
- Q. And, Ms. Trimble, are you currently
- 3 employed?

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- A. Yes.
- 5 Q. By whom?
 - A. Genesis Healthcare System.
 - Q. And what is your position with Genesis Healthcare System?
 - A. Risk management consultant.
 - Q. Are you aware of the issues that are at dispute in connection with this proceeding that's brought us here today?
 - A. Yes, I am.
 - Q. Were you asked to file the direct testimony or assist me in preparing direct testimony so that I could file it here with the Commission?
 - A. Yes.
 - Q. I placed in front of you the direct testimony of Deborah A. Trimble filed with the Public Utilities Commission of Ohio. Is that your direct testimony?
 - A. Yes, it is.
- MR. THEVENY: At this time I would move into evidence as Complainant's Exhibit 2 the filed direct testimony of Deborah Trimble.

A. Yes.

- Q. Is that correct?
- A. Yes, I did.

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- Q. Now, if I can have you turn to your testimony page 4, it's actually on numbered page 4. I'm looking at on line 12 states "I notified our insurance carrier of the potential claim for damages."
 - A. Yes.
 - Q. Do you see that?
 - A. Yes.
- Q. And who is -- who is your insurance carrier that you notified?
- A. Well, actually what I do I call our agent. It's Rankin & Rankin. They are our agent for Chubb. It's our carrier for the property coverage.
 - Q. Okay. And when did you notify them?
- A. It would have been that morning. I don't know the exact time. I received a call that this had happened, and I needed to go over and look at all the supplies and to see if there was damages, but I always call them to let them know there is a potential claim so it would have been the morning of the 15th.
- Q. Before or after your assessment of the -- of the supplies?

- A. I would have called them before. I'm at the Good Samaritan campus so I would have called them and said, hey, we have a potential issue. I am going to go over and check it out, but I like to let them know so they can notify the carrier we may have something
 - Q. And after you --
 - A. -- to report.
 - Q. I'm sorry.

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- A. Something to report.
- Q. After your assessment, did you follow up with them?
- A. Yes. I always let them know what I found, and I follow up with a report of -- from the plant operations people also to get them a little more information, a summary of what I had found out.
- Q. Did you notify anybody at Ohio Power Company?
 - A. No.
- Q. How long did it take for the supplies to go bad?
- A. We really don't know what time this -you know, when the humidity actually started
 gathering down the walls, the water was running down
 the walls, and so sometime through that period. When

they found it in the morning at 6:30, everything was already wet so sometime through that period through the night.

- Q. Did you have any communications with Ohio Power Company relating to the incident?
 - A. No.

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- Q. Did you ever request that Ohio Power Company keep the control panel?
 - A. No.
- Q. Do you know of anyone at Genesis that requested that Ohio Power Company keep the control panel?
 - A. Not that I am aware of.

MR. ALAMI: I think that's all the

15 questions I have. Thank you very much.

16 EXAMINER JENNINGS: Redirect?

MR. THEVENY: None.

18 EXAMINER JENNINGS: Thank you,

19 Ms. Trimble.

MR. THEVENY: Your Honor, before I would call the next witness can I ask a couple of things?

Quick break?

EXAMINER JENNINGS: Yes. We are at about the two-hour mark.

MR. THEVENY: And also I would like --

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Genesis Healthcare has a hospital and healthcare
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      facility to run so can I ask -- ask the witnesses be
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      excused?
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                 MS. BLEND: That's fine with us, your
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      Honor.
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                  MR. THEVENY: They have a two-hour drive
      ahead of them.
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                  EXAMINER JENNINGS: No, I have no
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      questions so you're excused. Thank you.
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                  MR. THEVENY: Can we take a --
                  EXAMINER JENNINGS: 10-minute break or
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      lunch?
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                  MR. ALAMI: 5 minute, I would propose
      just a short break. I don't think we have.
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                  MR. THEVENY: No, that's fine.
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      Mr. Paulus has to run to the bathroom.
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                  MR. ALAMI: I do too, at least 5 minutes.
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                  MR. THEVENY: I don't want to put him on
      the stand, have him drilled while he has to go.
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                  (Recess taken.)
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                  EXAMINER JENNINGS: Let's go back on the
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      record. You may call your next witness.
                  MR. THEVENY: Thank you, your Honor.
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      Call Jeff Paulus to the stand.
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                  (Witness sworn.)
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EXAMINER JENNINGS: Thank you.

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JEFF R. PAULUS

being first duly sworn, as prescribed by law, was examined and testified as follows:

DIRECT EXAMINATION

By Mr. Theveny:

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- Q. Good afternoon, Mr. Paulus. Can you state your full name for the record, please.
 - A. Jeff Robert Paulus, P-A-U-L-U-S.
- Q. Can you describe for the record your current job duties and a description of your employment.
- A. The principal of Paulus Engineering,
 Incorporated. I'm the sole engineer at the company.
 I investigate things that fail, specifically
 electrical, and I do origin and causations as well as
 water losses.
- Q. Were you retained on behalf of the Complainant in this matter to investigate the circumstances of an overvoltage condition that damaged some property at the Genesis Healthcare facility in Zanesville, Ohio?
 - A. Yes, I was.
 - Q. And as part of that investigation, did

you review information in this lawsuit including depositions, discovery responses, and documents produced by Ohio Power Company?

- A. Yes, I did.
- Q. Did you also work with me in preparing both the direct testimony to be filed in this proceeding and also rebuttal testimony to be filed in this proceeding?
 - A. Yes, I did.
- Q. I am handing what we'll mark
 Complainant's Exhibits 3 and 4. Would you let me
 know if those are true and correct copies of your
 prefiled direct testimony and prefiled rebuttal
 testimony?
 - A. Yes, it is.

MR. THEVENY: At this time I move into evidence as Complainant's Exhibit 3 the prefiled direct testimony of Jeff Paulus, and I move into evidence as Exhibit 4 the prefiled rebuttal testimony of Jeff Paulus.

(EXHIBITS MARKED FOR IDENTIFICATION.)

EXAMINER JENNINGS: Is there cross?

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CROSS-EXAMINATION

By Ms. Blend:

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- Q. Good afternoon, Mr. Paulus.
- A. Good afternoon.

MR. THEVENY: Hold on a second. No, I'm sorry. I apologize. I was going to ask him one more thing but I can wait.

MS. BLEND: No problem.

- Q. (By Ms. Blend) Mr. Paulus, most of your experience has involved fire investigations; is that correct?
- A. Most of my experience, since 1969, I have been investigating fires and product liability cases and things that fail, correct. Prior to that I was an engineer in other respects, yes.
- Q. And you have never investigated transmission equipment of the type in the substation at issue in this case before, correct?
- A. I have looked at equipment for transmission stations, yes, but not that have failed. I used to work at the utility but go ahead.
- Q. You worked on the distribution side of things for CEI.
 - A. Yes.
 - Q. Cleveland Electric Illuminating, correct?

A. Correct.

2.1

- Q. So your -- your testimony is that you have inspected substation equipment?
- A. I've looked at it, yes. I know how it operates.
 - Q. Have you ever -- let me rephrase.

You have never inspected the specific make and model of the control panel and sub -- and tap changer at issue in this case though, correct?

- A. Correct. I have not inspected it.
- Q. And you've never taken apart a control panel to examine its inner workings to determine a cause for its failure.
 - A. No, I haven't.
- Q. And you didn't inspect the substation at issue in this case, correct?
 - A. That's correct.
- Q. And you didn't inspect the chiller unit that failed -- I'm sorry, that tripped at Genesis Healthcare System either, correct?
- A. It went into an overvoltage condition and shut it down because of the overvoltage. I wouldn't characterize it as a trip.
- Q. So let me rephrase. You didn't inspect that chiller unit either.

A. No, I did not.

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- Q. And you didn't inspect any other equipment at Genesis Healthcare System, correct?
 - A. No, I did not. Everything is changed.
- Q. On page 6 of your direct testimony, you opine that the tap changer at issue the tap changer in the Linden Avenue Substation's maintenance was not completed per the manufacturer's recommendations and operating instructions.
 - A. Correct.
- Q. Those are recommendations as your testimony states, not requirements, correct?
- A. Correct. That's the manufacturer recommendation to be done to that tap changer, yes.
- Q. The tap changer at issue in this case is still in service as far as you know, correct?
 - A. As far as I know, yes.
- Q. And you agree that the specific component piece that failed was the control panel not the tap changer?
- A. As we discussed in my deposition, yes, that's the control panel that failed is the brain of the operation and controls the tap changer itself. They are interlinked electronically and mechanically as well.

- Q. There was no mechanical failure of -- no internal mechanical failure of the tap changer itself though, correct?
- A. That's what the records indicate, correct.

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- Q. And you agree that the manufacturer's literature for the control panel that AEP Ohio produced in discovery and that you testified in your direct testimony you reviewed contained no recommended maintenance for that component part, correct?
 - A. That's my understanding, correct.
- Q. And you agree that technology with respect to substation equipment has improved since the equipment at issue here was placed in service in the 1960s, correct?
- A. I agree with that. However, nothing in this substation has changed other than an oil filter being installed according to the records. So the technology that was installed in 1970 is still present in this system today other than a new control board which would have been manufactured to operate this 1970s technology.
- Q. What is -- what's the purpose of checking the dielectric strength of oil?

A. To make sure the oil is not breaking down and still -- and still completing its intended operation to cool the equipment.

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- Q. You agree -- so is that a test to see how much longer the oil is going to be useful to run whatever component it's running?
- A. To cool, basically oil is there to cool the equipment so it doesn't overheat so the dialectic strength is that measure of the ability of it to cool. So if it's degrading over time, they can tell that by testing it at a certain interval.
- Q. And does that tell -- what does that -- what does the dielectric strength indicate?
- A. Just tells you that your oil is going bad and it should be changed.
- Q. You agree that the use of an oil filter on the tap changer at issue here will extend the life of the oil cooling that tap changer.
- A. If the -- yes, if the oil filter is changed periodically, it will continue to clean the oil and extend its life, correct.
- Q. So if the oil's life is extended using the filter, would you agree that a requirement to yearly check the dielectric strength of the oil might not be -- I'm sorry, recommendation to yearly check

the dielectric strength of the oil might not be necessary but?

- A. I think I understand your question. If you install an oil filter on the system, you do extend the life of the oil, and the yearly recommended practice by the manufacturer could be extended out due to the installation of that filter.
- Q. Thank you. You said that much more concisely and clearly than I did.

Can you please explain how maintenance on the tap changer itself could affect the operation of the control panel.

- A. I'm not understanding your question, I'm sorry.
- Q. Sure. Your opinion in this case is that a failed -- AEP Ohio's alleged improper maintenance of the tap changer caused the control panel to fail, is it not?
 - A. Yes.

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- Q. Can you please explain how maintenance on the tap changer could affect operation of the control panel?
- A. The tap changer operates to regulate the voltage based on whatever the voltage is at the output of the tap changer. Excessive operation of

the tap changer directly affects how many times the control panel has to operate to control the tap changer, so if a tap changer is excessively changing taps, then that directly affects the number of operations that occurred on the control panel thus affecting its mean time to failure. It will fail faster if it excessively changes taps.

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- Q. Do you know whether the number of operations of the tap changer is something that AEP Ohio regularly inspects and records on a monthly basis?
 - A. They do record that, yes.
- Q. So would you agree that one could look at those monthly records to determine whether the tap changer was operating an excessive number of times?
 - A. That could be done, yes.
- Q. And if if one were to look at those records and see that the tap changer, in fact, had operated relatively normally and had not been operating an excessive number of times, do you have any other opinions as to what about the maintenance on the tap changer could have caused the control panel to fail? Is there anything else that would cause the control panel to fail besides the number of operations?

A. Sitting here I can't think of any others that would affect it other than the number of operations.

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- Q. So if you were to inspect if you were to inspect the monthly records of maintenance at the service at the substation and verified that the number of operations on the tap changer was not excessive, you would agree that then the maintenance on the tap changer could not have caused the failure of the control panel?
- MR. THEVENY: Objection, calls for speculation.
- MS. BLEND: I am asking him for his opinion as an expert.
- MR. THEVENY: I didn't hear an opinion form.

EXAMINER JENNINGS: Overruled.

- A. Can you repeat the question? I'm not understanding it.
- Q. Sure. Let's assume -- I would like your opinion on the following: Let's assume you were to inspect AEP Ohio's monthly records kept of its maintenance at the substation and the number of operations on the tap changer had been normal. There was no -- there were not excessive operations on the

tap changer, okay?

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- A. Okay.
- Q. With that -- living in that world with that assumption, would you agree that maintenance on the tap changer could not have caused the failure of the -- or could not cause the failure of the control panel?
 - A. I would not agree with that.
- Q. Okay. Then I'll ask again what could what else could cause the failure of the control panel? Because I believe you just testified that nothing else could.
- A. I'll restate what I testified to since I don't recall exactly my words, but the simple fact is that a control board/tap changer have a mean time to failure meaning there's only so many operations these devices will operate before they fail. I don't know what that number is. That number has never been provided.

The control board only has -- it has certain components on it. They have only a certain amount of operations that they'll complete within an engineering property that they will continue to survive. It's called mean time to failure. At some point one of those components is going to fail, and

apparently one of these components failed allowing the tap changer to go into a full boost -- full boost mode providing overvoltage to our facility at Genesis Healthcare.

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So something occurred to cause this control board to fail. I never got to examine the control board so I can't tell you what failed on the control board or how that directly ties into the tap changer so I never got an opportunity to look at it. It was discarded.

Q. You would agree -- would you agree that I could place a control panel and tap changer in service tomorrow, and the control panel could malfunction or break the next day?

MR. THEVENY: Objection, argumentative. EXAMINER JENNINGS: Overruled.

- A. Yes, you can get bad components, and they'll fail the next day, yes.
- Q. So you agree that components can exceed their -- their mean lifespan?
- A. I would agree that there is a lifespan, and some of the components exceed it, yes.
- Q. And others don't; others fail before the mean lifespan is reached.
 - A. Yes, they do.

Q. The overvoltage event in this case only affected one piece of equipment, correct, the chiller unit at Genesis Healthcare System?

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- A. I would your definition of a fact is pretty broad. It affected everything that was on that line. All the lights that would have been connected to that line, everything in that facility experienced an overvoltage condition. The chiller had a device on it to catch when that voltage was exceeded, and it basically turned itself off to protect itself. So when you say "affect," all the lights in the facility would have been a little brighter on that circuit. All the motors would have experienced an overvoltage. Everything that was connected on that line would have experienced an overvoltage.
- Q. To your knowledge there were no other pieces of equipment or systems damaged by that event, correct?
- A. It depends on your definition of damage. If you put too much voltage on a piece of equipment, it will shorten its life just by putting too much voltage on it. The belt is subjected to a certain amount of voltage. If you put excessive voltage on it, it will shorten its life potentially.

- Q. Do you know the voltage at which the chiller unit at issue in this case was set to go into an overvoltage condition?
 - A. No, I do not.

2.1

- Q. Is it possible that the chiller unit could have been programmed to go into an overvoltage condition at a voltage that is maybe higher than the average voltage coming into the unit but still within the normal range of voltage?
- A. Are you asking me to assume that the manufacturer set the voltage of the chiller unit at a voltage that would not be nominal voltage? I don't think they would do that but.
 - Q. I was asking whether it was possible.
 - A. It would be highly improbable.
- Q. And because you haven't inspected the chiller unit at issue here, you don't know whether that manufacturer setting could have been changed by Genesis Healthcare System, do you?
- A. Based on the testimony today, he didn't even know it had that overvoltage sensor on it so I would doubt that they changed it.
 - Q. That wasn't my question, sir.
- MR. THEVENY: Objection. That's -- you are arguing. He answered it but -- I'm sorry,

objection.

2.1

EXAMINER JENNINGS: Overruled.

A. Can you repeat the question then, please?

MS. BLEND: Would you mind reading the question back, ma'am.

(Record read.)

MR. THEVENY: Could you repeat the answer as well. I'm sorry I lost the thread.

(Record read.)

- A. The answer would be it would be unlikely that the Genesis Healthcare employees would change an overvoltage sensor on a chiller unit so the manufacturer setting would be what it was set at.
- Q. But you don't know what it actually was set at.
 - A. No, I don't.
- Q. In your rebuttal testimony, you note that AEP Ohio doesn't have external warnings or monitoring which would tell it if substation equipment goes into an overvoltage condition. To your knowledge are there any statutory, regulatory, or other requirements that such monitoring and warnings be used by electric distribution utilities in Ohio?
- A. Your question is do I know if there is a legal document --

Q. Do you know of any requirement, whether it be legal, regulatory, you know, some industry requirement or an industrial best practice?

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- A. I don't -- I did not look up any legal documentation that specifies that, but you are required to put out a certain voltage from your substations.
- Q. What about, you know, industry -industry guidance or industry literature that -- do
 you know of any of that that -- that either
 recommends or requires, suggests that such warnings
 or monitoring be used?
 - A. Specifically I did not look that up, no.
- Q. Do you know -- you don't know whether such monitoring or warning systems are used by any utility in Ohio, right?
 - A. I have not looked into that, no.
- Q. And do you know sitting here whether such warning or monitoring systems even exist, whether -- whether such warnings or monitoring systems even exist for this type of substation equipment?
- A. You are asking me do you have the capability of putting a voltage sensor on the output to tell whether voltage existed at the substation?
 - Q. I am asking whether you know of any --

Armstrong & Okey, Inc., Columbus, Ohio (614) 224-9481

whether you know of it being sold or marketed or --

A. I don't know specifically, but I will assume that there is equipment out there to measure voltage at the output of your substation.

MS. BLEND: I have no further questions. Thank you.

MR. THEVENY: Just a few follow-up, if I may, your Honor.

EXAMINER JENNINGS: Yes.

MR. THEVENY: Thank you.

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REDIRECT EXAMINATION

By Mr. Theveny:

2.1

- Q. You were asked a number of questions by counsel about information concerning supply of overvoltage, what -- monitoring overvoltage conditions, the number of tap changers -- or number of functions of a tap changer in a given month or given cycle or given year. I want to take -- take a look, first of all, at Exhibit -- I'm sorry, yeah, Exhibits A and B to your filed rebuttal testimony. And if you could identify for the record what Exhibit A is to your filed rebuttal testimony.
 - A. It's not actually attached here.
 - Q. Maybe it's -- no, it is, okay. So what

was attached to the Exhibit A -- as Exhibit A to your filed rebuttal testimony?

- A. Exhibit A is Ohio Power Company's objections and response to Complainant's fourth set of interrogatories. Exhibit B is Respondent Ohio Power Company's objections and responses to Complainant's first set of requests for production, fourth set of requests for production, and fifth set of interrogatories.
- Q. Was that first set of requests for admission for Exhibit B?
 - A. Yes.

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- Q. Did you review those written discovery responses in reaching your findings in this matter?
 - A. Yes, I did.
- Q. Did you find any information in there in connection with monitoring the overvoltage -- I'm sorry, monitoring the output of voltage from the Linden Avenue Substation or any information or documents relative to the number of operations to the tap changer?
 - MS. BLEND: Objection, compound.
- MR. THEVENY: He can answer. I don't know if he can answer or not. Deposition habit, I apologize. I can break it down.

EXAMINER JENNINGS: Yes, please.

- Q. Did you find any information in there in connection with the monitoring of the voltage output from the Linden Avenue Substation?
- A. There were no documentation of the output voltage.
- Q. Did you find any information in those items you reviewed in reaching your findings in this matter about the monitoring of the number of functions for the tap changer during any given time period?
 - A. Yes. They were recorded.
- Q. Okay. Also I wanted to show you what --well, did you review written discovery responses of Ohio Power Company in connection with your work in this matter?
 - A. Yes, I did.

2.1

- Q. Did you review written discovery responses of Ohio Power Company in connection with your findings in this matter?
 - A. Yes, I did.
- Q. And that's part of what you relied upon as an expert witness in reaching findings or opinions in connection with the matter?
 - A. Yes, I did.

- Q. All right. Did you review the automatic status control for the load tap changer equipment which was produced by AEP -- by Ohio Power Company as AEP 087 through AEP 094? I'll show that to you.

 A. Yes, I did.
- Q. Did you review the field notes of one witness, one Ohio Power Company employee, David Sullivan which I have now handed to you?
 - A. Yes, I did.

2.1

MS. BLEND: Your Honor, if I could, if we are going to start looking at documents, could I request we mark those as exhibits?

MR. THEVENY: I will and these are all produced by Ohio Power Company. Well, here.

EXAMINER JENNINGS: And also if you could give opposing counsel an opportunity to review those before.

MR. THEVENY: It's nothing they haven't seen.

 $$\operatorname{MS.}$$ BLEND: I still would just like to know what he is looking at.

MR. THEVENY: Sure.

MS. BLEND: Would your Honor like a copy?

Q. The first one I showed you was behind tab

A which is a document identified as produced by Ohio

Power Company with the AEP number designation. The second document was behind tab B which are the field notes of David Sullivan. You indicated you reviewed those in connection with your work and findings in this matter?

- A. Yes, I did.
- Q. And the next document that I want to show you is the document behind tab D which is Respondent Ohio Power Company's objections and responses to Complainant's first set of requests for admission, fourth set of production, and fifth set of interrogatories, and I believe you said you reviewed and considered those as well; is that right?
 - A. Yes, I did.
- Q. The next document I want to show you is the exhibit behind tab E which is Respondent's responses to Complainant's first set of interrogatories and requests for production. Did you review those as well?

EXAMINER JENNINGS: Mr. Theveny, let's mark these.

MR. THEVENY: I was going -- you want me to mark them now? I was going to finish the sequence and mark them all.

EXAMINER JENNINGS: Okay.

2.1

MR. THEVENY: I thought it might be easier.

EXAMINER JENNINGS: Okay. That's fine.

- Q. The next document I will show you -- I'm almost done -- is Respondent Ohio Power Company's responses to Complainant's second set of requests for production. Did you review those?
 - A. Yes, I did.

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- Q. It was behind tab F. And tab G is Respondent Ohio Power Company's objections and responses to Complainant's second set of interrogatories and third set of requests for production. Did you review those as well?
 - A. Yes, I did.
- Q. And then last is Respondent Ohio Power Company's objections and responses to Complainant's fourth set of interrogatories. Did you review those as well?
 - A. Yes, I did.

MR. THEVENY: All right. If I may, I would like to mark as AEP -- I'm sorry, Complainant's Exhibit 5 the automatic static control for tap changer equipment, document produced by Ohio Power Company as AEP 087. I would like to mark as Complainant's Exhibit 6 the field notes of Daniel

1 Sullivan or is it David? I would like to mark as 2 Complainant's Exhibit 7 Respondent Ohio Power 3 Company's objections and responses to Complainant's 4 first set of requests for admission, fourth set of 5 requests for production, and fifth set of 6 interrogatories. I would like to mark as --EXAMINER JENNINGS: Excuse me. That last 7 8 document, was that marked as Exhibit D in the? 9 MR. THEVENY: Yes, right here. 10 EXAMINER JENNINGS: Okay. MR. THEVENY: I would like to mark as 11 12 Exhibit -- Complainant's Exhibit 8 Respondent Ohio 13 Power Company's objections and responses to 14 Complainant's first set of interrogatories and requests for production, and I would like to mark as 15 16 Complainant's Exhibit 9 Respondent Ohio Power 17 Company's responses to Complainant's second set of requests for production. 18 I would like to mark as Complainant's 19 2.0 Exhibit 10 Respondent Ohio Power Company's objections 2.1 and responses to Complainant's second set of 22 interrogatories, third set of requests for production. And I would like to mark as 23 24 Complainant's Exhibit 11 Respondent Ohio Power 25 Company's objections and responses to Complainant's

fourth set of interrogatories.

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(EXHIBITS MARKED FOR IDENTIFICATION.)

- Q. And, Mr. Paulus, could you review exhibits -- what have now been marked as Complainant's Exhibits 5 through 11. Let me know if they are all documents and information you reviewed in connection with your work in this matter and your findings.
 - A. Yes, they are.
- MR. THEVENY: I would move into evidence at this time Complainant's Exhibits 5 through 11.
- MS. BLEND: May I ask a question, your

 Honor?
- 14 EXAMINER JENNINGS: Yes.
 - MS. BLEND: Would you like my response to that motion now, or would you prefer to wait until the end of the hearing to address the admission of exhibits?
- EXAMINER JENNINGS: We have further questions of this witness?
- MR. THEVENY: Just one or two more, a few more, three or four.
- EXAMINER JENNINGS: Let's let him finish

 his questioning and then we will go to that.
 - Q. (By Mr. Theveny) You were asked questions

about inspection of the control panel and the tap changer at the Ohio Power Company Linden Avenue Substation. Do you remember that?

A. Yes.

2.1

- Q. Did you review deposition testimony or information that the tap changer had been reset just after the incident?
 - A. Yes, I did. It was manually reset.
- Q. And did you also review information that the control panel had been replaced I believe on June 15 or within a day or two after the incident?
- A. That's my understanding, it was replaced almost immediately.
- Q. Would it have -- would you have been able to determine the condition of the tap changer which might have caused it to go into an overvoltage condition if you had gone out after it had been reset by Ohio Power Company employees?
 - A. Can you describe that again? I'm sorry.
- Q. Yeah. Would you have been able to make any determination about why the tab changer might have been -- might -- let me ask it this way, did you understand that Ohio Power Company had altered the tap changer by resetting after the incident?
 - A. They moved it into a better voltage

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condition for the line that it was controlling, yes.

- Q. You don't know what other work they did at that time?
- A. They -- I don't know exactly what they did at that time. They manually adjusted it and set it in a manual mode. I don't know when they pulled the actual control board, but they manually backed down the voltage on the tap changer.
- Q. Did you see any information where they had documented the condition of the tap changer before they did that work in resetting it as you've described?
- A. Sitting here I don't remember specifically, but I think they wrote down that it was an overvoltage condition. It was at max voltage.
- Q. Did you see anything at all about the condition of the contacts for the tap changer?
 - A. No.

2.1

- Q. Any condition about any of its other component parts, the relay, resistor, anything like that?
- A. No. Nothing was documented on the control panel or the tap changer.
 - EXAMINER JENNINGS: Proceed, sorry.
 - Q. And, of course, you never had a chance to

- view the control panel at all?
- A. No, I did not.

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- Q. As part of your work in this matter, did you also review the deposition testimony of the witnesses?
 - A. Yes, I did.
 - Q. All the witnesses deposed by Ohio Power Company?
 - A. They were all -- every -- well, I don't know all the witnesses they deposed, but I reviewed quite a few depositions, yes.
- Q. Do you recall reviewing the deposition testimony of Eugene Campbell?
 - A. Yes, I do.
 - Q. Do you recall reviewing the deposition testimony of Robert Hall?
- 17 A. Yes, I do.
- Q. Do you recall reviewing the deposition of Carlos Brewer?
- 20 A. Yes.
- Q. Do you recall reviewing the deposition testimony of Gary Parker?
- 23 A. Yes.
- Q. Do you recall reviewing the deposition testimony of David Sullivan?

A. Yes.

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- Q. Did you also review the filed direct testimony of the Ohio Power Company employees, that is, the filed direct testimony filed on behalf of Complainant?
 - A. Yes, I did.
- Q. And that was important for your work and findings in this matter?
 - A. Yes, it was.

MR. THEVENY: At this time I would again also move for the admission of the filed direct testimony of the Ohio Power Company employees on the additional basis that it was information reviewed by Complainant's expert in reaching his findings in this matter and would also move for the admission of the deposition testimony of the Ohio Power Company employees on that basis as well.

MR. ALAMI: Your Honor, I believe we already stipulated.

MR. THEVENY: I think we have.

MR. ALAMI: I'm sorry.

EXAMINER JENNINGS: Okay. Let's have cross-examination and we'll discuss admission of exhibits afterwards.

MS. BLEND: Okay. Thank you, your Honor.

RECROSS-EXAMINATION

By Ms. Blend:

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Q. Mr. Paulus, the document that's been marked Complainant's Exhibit 5, the automatic static control load tap changer equipment, I am not going to ask you any questions about its substance, but you agree this is not the manufacturer's recommendations for the control panel which we spoke about earlier. This is for the load tap changer, correct?

I'll rephrase. Let me rephrase.

MR. THEVENY: Yeah.

- Q. Let me rephrase. I'm confused.
- A. Okay.

 $$\operatorname{MR.}$$ THEVENY: The question has been withdrawn.

- Q. I will withdraw that question.
- A. Oh.
- Q. Complainant's Exhibit 5, Mr. Paulus, upon looking through it would you agree this is -- this is the manufacturer's recommendations for the control panel which we spoke about earlier?
 - A. Yes, it is.
- Q. Thank you. And, Mr. Paulus, the document that's been marked Complainant's Exhibit 6 which are -- which counsel represented are field notes of

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David Sullivan, you didn't prepare those notes,
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     correct?
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                 Your question was I didn't?
             Α.
                  You didn't prepare the notes.
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             Q.
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             Α.
                  No, I did not.
                  MS. BLEND: I have no further questions.
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     Thank you.
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                  EXAMINER JENNINGS: Okay.
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                  MR. THEVENY: So again I would move those
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     into evidence as Complainant's Exhibits 5 through 11.
                  EXAMINER JENNINGS: Let's work through
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     the exhibits and determine their admissibility.
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                  MS. BLEND: If we could, your Honor, go
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     through them one by one? We went a little fast for
     us. We want to make sure which exhibit is which.
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                  MR. THEVENY: Can I -- you want me to run
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     through them as I understand it? You want me to do
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     that, your Honor?
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                  EXAMINER JENNINGS: Let me walk through
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     them.
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                  MS. BLEND: Thank you.
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                  MR. THEVENY: And I'll verify.
                  EXAMINER JENNINGS: First is
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     Complainant's Exhibit -- back up. Complainant's
     Exhibit 5 is the first exhibit for this witness.
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                 MR. THEVENY: Yes. No. We are not
     counting his direct?
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                  EXAMINER JENNINGS: Well, 3 and 4.
                 MR. THEVENY: 3 and 4. And 5 would be
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     the automatic static control for the load tap
     changer, right? Everybody got that?
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                 EXAMINER JENNINGS: Let's start with
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     Exhibit -- Complainant's Exhibits 3 and 4. Any
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     objection to their admission?
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                  MS. BLEND: No, your Honor.
                  (EXHIBITS ADMITTED INTO EVIDENCE.)
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                  EXAMINER JENNINGS: Complainant's Exhibit
     5 is the automatic static control for the load tap
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     changer equipment. Any objection to its admission?
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                  MS. BLEND: No, your Honor.
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                  EXAMINER JENNINGS: It will be admitted.
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                  (EXHIBIT ADMITTED INTO EVIDENCE.)
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                  EXAMINER JENNINGS: Exhibit --
     Complainant's Exhibit 6 are field notes of I believe
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     David Sullivan?
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                 MR. THEVENY: Correct.
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                 EXAMINER JENNINGS: Any objection?
                  MS. BLEND: We do object to the admission
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     of this document, your Honor. Although Mr. Paulus
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     may have reviewed this excerpt of Mr. Sullivan's
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field journal he can't provide a proper foundation for it. And as I just mentioned, this is an excerpt of the field journal. It's not the entire field journal itself. Simply put he couldn't authenticate it.

MR. THEVENY: May I address the objection?

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EXAMINER JENNINGS: Yes.

MR. THEVENY: These were produced by Ohio Power Company during the deposition of David Sullivan. If you'll -- I believe he testified he kept his own notes, and I asked for copies of those. And that's what was produced to me in response to that inquiry. They were relied upon for that part of the evidence which says that there were prior problems with the tap changer.

I am more than happy to have all the field journal notes admitted if that will address your objection and solve the problem for the Attorney Examiner but that's the foundation for it was these were identified by Mr. Sullivan during his deposition testimony, produced to me, and I sent them to Mr. Paulus for his consideration.

I mean, I am aware there is 100 and some pages of field notes, but I thought -- I believe his

testimony was he kept his own notes.

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MS. BLEND: Our concern is that not having a very extremely fresh recollection of Mr. Sullivan's deposition transcript, I can't say sitting here today whether or not he authenticated these. And so I still would object to foundation and they can't be authenticated and they certainly can't be authenticated by Mr. Paulus.

MR. THEVENY: May I address the solution, perhaps?

EXAMINER JENNINGS: Yes.

MR. THEVENY: I am more than happy to go back to the deposition testimony. I can submit a supplemental letter to you. This is where he identified them, and I believe it was an e-mail communication. It might have been back from your predecessor, I can't remember now, where she sent it to me and said these are his notes identified in his deposition, and you can go from there.

But that's -- I think that's a proper foundation if he identifies them, and you consulted with him and then represented -- not you necessarily, but your predecessor represented those were the notes he identified, then I don't know what more I can do other than ask your Honor to rule.

MS. BLEND: And I feel we are back at the -- to the beginning of our arguments again, your Honor, so I won't rehash them again, but if Mr. Theveny wanted to establish an -- authenticate Mr. Sullivan's field journal notes, he could have subpoenaed his attendance at this hearing. He knew based on Ohio Power Company's prefiled testimony that Ohio Power Company did not plan to call Mr. Sullivan as a witness and so.

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MR. THEVENY: My basis for introducing them it was documents produced by Ohio Power Company which was sent to an expert upon which that expert relied. If you are representing they are not his notes, that's a different issue, but I think that's not accurate at all.

MS. BLEND: I'm objecting I think more generally to the dumping into the record of every document that Mr. Paulus -- upon which Mr. Paulus relied to form his expert opinion.

MR. THEVENY: They are one of the documents he relied upon. I'm certainly willing to go back and establish how they came into our possession.

MS. BLEND: The chain of custody is not the issue. It's the authentication of the documents.

How the documents came into the possession of Federal Insurance Company isn't the issue here. It's that the person who prepared these who can establish the foundation for them and authenticate them isn't here to do so.

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MR. THEVENY: Are you saying it's Ohio

Power Company saying to me that notes that were sent
to me in response to a request for notes identified
by David Sullivan are not his notes?

I am going to exclude this for lack of foundation and lack of completeness. I don't know what outside of these notes affects what's in the notes itself. I am reluctant to admit those into the record so Complainant's Exhibit 6 will be excluded.

Complainant's Exhibit 7.

MR. THEVENY: That is Respondent Ohio

Power Company's objections and responses to

Complainant's first set of requests for admission,

fourth set of requests for production, and fifth set

of interrogatories.

EXAMINER JENNINGS: Any objection to their admission?

MS. BLEND: Yes, your Honor. And this objection applies to all of the discovery responses

109 that have been marked as exhibits. And we ran into 1 2 some problems keeping track of them all so I can't 3 state to them exactly by exhibit number; but, again, 4 I object to dumping into the record of documents that 5 Mr. Paulus relied upon as being improper and --MR. THEVENY: Improper on what basis? 6 7 MS. BLEND: He didn't prepare them so the fact that he reviewed them, you know, I understand 8 and can appreciate but he --9 10 MR. THEVENY: Who prepared the document? MS. BLEND: Counsel for Ohio Power 11 12 Company did. 13 MR. THEVENY: Whose admissions are they? Whose admissions are they? 14 MR. ALAMI: Your Honor, he is 15 16 cross-examining. 17 EXAMINER JENNINGS: Right, right. 18 MR. ALAMI: Come on. 19 MR. THEVENY: How can you -- may I 20 address the objection? 2.1 MR. ALAMI: Discovery responses --22 EXAMINER JENNINGS: Let's go off the record for a moment. 23 24 (Discussion off the record.) EXAMINER JENNINGS: After discussion off 25

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     the record, the Bench will sustain Ohio Power's
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     objection. Complainant's Exhibits 7 through 11 will
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     not be admitted for the record.
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                  MR. THEVENY: I don't -- 7 is -- what is
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                  MS. BLEND: 7 was the fifth set of
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     interrogatories, first set of requests for admission.
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                  EXAMINER JENNINGS: Perhaps should I -- I
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     can walk you through these and identify them more
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     specifically, if you wish.
                  MR. THEVENY: What was 7 again?
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                  EXAMINER JENNINGS: It's the Respondent
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     Ohio Power Company's objections and responses to
     Complainant's first set of requests for admission.
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                  MR. THEVENY: Okay. I have that. I know
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     I do. But that is being admitted with regard to the
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     specific unqualified admissions.
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                  EXAMINER JENNINGS: No.
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     Exhibits 7 through 11 collectively.
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                  MR. THEVENY: And I thought Exhibit 7 was
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     Ohio Power company's responses to, among other
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     things, Complainant's first set of requests for
     admission. Am I wrong about that?
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admission of that exhibit.

MR. ALAMI: And we objected to the

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MR. THEVENY: But I thought there was an agreement among us -- wait. There was an agreement among us that you would allow that in to the extent you would agree to allow that in to the extent it was an unqualified admission. Are you backtracking?

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EXAMINER JENNINGS: If you can come to that stipulation, the Bench would favor it.

MS. BLEND: That's fine, your Honor, as to the unqualified admissions to which -- that are contained in Exhibit 7.

EXAMINER JENNINGS: Okay. So with respect to Complainant's Exhibit 7 it will be admitted into the record only to the extent that responses to requests for admission are not conditioned.

MR. THEVENY: My understanding is that relevance is your only argument there. See, I can't -- I cannot believe that requests -- responses to requests for admission cannot be utilized at this proceeding when it is directly designed to streamline the evidentiary need with regard to the amount of witnesses and the amount of evidence that has to be put on.

Instead it's being turned on its head to suggest we are unfairly dumping into the record. By

this hearing brief we have precisely identified those requests for admission that go to critical pieces of evidence relied upon by an expert in formulating his opinion. It just is beyond the pale to believe that cannot be considered relevant and somehow it is unfairly being dumped into these records.

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These are admissions by this utility company with respect to how it conducts business or doesn't conduct business. The qualifications are just that, they are smarmy ways to try and get away from an unqualified admission. You may not think it's relevant and that may be a fair consideration. It simply is not fair and not right to not allow unqualified admissions in, notwithstanding legalese with regard to relevance because I have to put a witness up there to confirm that which you have already admitted to.

EXAMINER JENNINGS: Mr. Theveny, what I will do is allow — there will probably be some contention about what is unqualified and what is not. An answer response may have unqualified responses and qualified responses. I'll entertain arguments on what is what on brief.

MR. THEVENY: Thank you, your Honor. EXAMINER JENNINGS: So Complainant's

113 Exhibit 7 with that caveat will be admitted into the 1 2 record. 3 (EXHIBIT ADMITTED INTO EVIDENCE.) 4 EXAMINER JENNINGS: Complainant's Exhibits 8 through 11 will not be admitted. 5 Are there any further questions of this 6 7 witness? 8 MR. THEVENY: None, your Honor, thank 9 you. 10 EXAMINER JENNINGS: Okay. MR. THEVENY: I think you are done. I'm 11 12 not sure. 13 14 EXAMINATION 15 By Examiner Jennings: 16 Ο. A few questions. Mr. Paulus, on page --17 MR. THEVENY: Hold on. I have to give 18 back the testimony. 19 I will be looking at Complainant's 20 Exhibit 3. 2.1 Α. Okay. EXAMINER JENNINGS: It is Mr. Paulus's 22 23 direct testimony. 24 THE WITNESS: Okay. The direct 25 testimony?

MR. THEVENY: Yes.

- Q. You can probably answer these questions without reference to your testimony.
 - A. Okay.

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- Q. You make reference to oil dielectric strength. Is that a function of viscosity or some other element?
- A. The honest answer is I'm pretty sure it has to do with how strong the oil is. The viscosity is one component of it, but the strength of it is how cooling much cooling effect it has, whether it is broken down or not.
- Q. Okay. Do you know the process for making that determination?
- A. Specifically, no. I know they run it through a specific test to show whether it's got its -- still maintains that dielectric strength.
- Q. So you wouldn't know if that's something that could be determined at the substation --
 - A. No. It would be sent out for testing.
 - Q. So it would require some lab testing.
 - A. Correct.
- Q. Okay. The arcing contacts, according to your testimony they should have been -- should have been inspected within two years and every 25,000

hours of operation. Is the -- is that inspection something that can be completed at the substation or do the -- does the device have to be removed and tested elsewhere?

- A. I believe it's done at the substation. They go in and measure the physical contact size.
- Q. Do you have any idea how long it would take to determine the oil dielectric strength?
 - A. You mean period of time?

2.1

- Q. Yes. You indicated that a sample would have to be taken and given to a lab.
- A. They would be able to tell pretty quickly. The lab would just run a test on it, and you would know what it is.
- Q. Would that mean a week? Two weeks?

 Month? Or just a day?
- A. It would be relatively quick. I couldn't put a timeframe on it, but it would be less than a week. You submit it to them; they test it.
- Q. Okay. What are dynamic braking adjustments?
- A. That's the starting and stopping of the load tap changer, how far it moves into position.

 It's the control; it's the mechanical control of how the tap moves to change positions on the actual

transformer.

2.0

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- Q. Okay. So that would determine how quickly it responds to a voltage increase or decrease?
- A. It's more the other way around, how fast it gets it into position for the -- before it's changed.
 - Q. How quickly it makes the adjustment?
 - A. Correct.
- Q. What are relays that you make reference to? You say they should have -- should be maintained and inspected.
- A. Relays are on the control board itself. Maintaining them is more towards how long they last. There's really no maintenance formula. You replace the control board if you thought it was going to fail.
- Q. Okay. Does that infer that they should be changed either -- over a certain amount of time?
- A. Well, in this case you wouldn't change the -- you wouldn't change an individual relay. You would change the whole board if you thought the relay was failing.
 - Q. The whole control board?
 - A. The whole control board. It's just a

series of relays and little transformers on it that measure -- compare voltages from the input, from the actual output of the transformer. It's a control that -- it's the brain basically of the tap changer.

- Q. Is the control board any different than the control panel or the tap changer?
 - A. Well, that's the same.
 - Q. The same thing.

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- A. You are talking the same thing.
- Q. Okay. It's your testimony if you had -if you could have seen the control panel, you would
 have determined -- been able to determine its
 failure. What -- what kind of evidence does a
 control panel provide that would be an indication of
 its cause for failure?
- A. Well, it would have been any one of the components on the board that failed. In looking at it you could determine how the tap changer failed, why it went into the overvoltage condition, what component specifically on it failed that resulted in the tap changer going to the highest position voltagewise.
- Q. Are there certain components that are more likely to fail than others such that -- well, let me answer that question first.

A. Simple answer is yes, there are components that are more likely to fail.

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- Q. Are there components that are predictably more likely to fail than others?
- A. Yes. That calculation is done, you could easily tell which one would be the most likely to fail.
- Q. Is there a component that is typically likely to fail?
- A. Depends on the environmental conditions, typically relays have the lowest mean time to failure meaning most likely to fail.
- Q. Okay. Given that relays are more likely to fail than most other components within the control panel, what are the -- do you know the manufacturer's recommendations with respect to when they should be checked?
- A. I don't know specifically on this matter, on this particular control board, but that should be provided or Ohio Power should request that from the manufacturer when they purchase it so they can set an end of life for that piece of equipment since it is providing power to all its customers. They would like to know when I should cycle that board out proactively versus in response to a failure.

- Q. Okay. Obviously some control panels last longer than others. Are there control panels that last for, let's say, 10 years?
 - A. Yes.

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- Q. 20 years?
- A. I would say yes, depending on the number of operation, yes.
- Q. Okay. Are you aware of any control panels that have lasted beyond 30 years?
- A. It's my understanding that this panel was installed in the early '70s so it didn't meet -- it did exceed that.
- EXAMINER JENNINGS: Okay. I have no further questions. I will allow any redirect and cross.
- MR. THEVENY: None for me, your Honor, thank you.
- MS. BLEND: Not for me either, your
 Honor. Thank you.
- 20 EXAMINER JENNINGS: Thank you.
- 21 Mr. Theveny, are those all your witnesses?
- MR. THEVENY: Yes, they are, your Honor.
- 23 EXAMINER JENNINGS: We do have the matter 24 of two exhibits, Complainant's Exhibits 1 and 2, the 25 testimony of Thomas Williams and Deborah Trimble.

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                  MR. THEVENY: Right. Did I move those
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     for admission?
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                  EXAMINER JENNINGS: Let's do that now.
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                  MR. THEVENY: Okay. I would move for
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     admission as well of Complainant's Exhibit 1 and
     Complainant's Exhibit 2, the direct -- filed direct
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     testimony of Charles Thomas Williams and Deborah
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     Trimble.
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                  EXAMINER JENNINGS: Is there any
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     objection?
                  MS. BLEND: No, your Honor.
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                  EXAMINER JENNINGS: Complainant's
     Exhibits 1 and 2 will be admitted.
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                  (EXHIBITS ADMITTED INTO EVIDENCE.)
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                  EXAMINER JENNINGS: Let's go off the
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     record.
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                  (Discussion off the record.)
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                  (Recess taken.)
                  EXAMINER JENNINGS: Let's go back on the
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              We've completed the Complainant's case.
     record.
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     Let's start with Ohio Power.
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                  MR. ALAMI: Thank you, your Honor.
     company calls Robert A. Hall to the stand. And we
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     have extra copies of Mr. Hall's testimony if you
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     would need a copy or if the court reporter would need
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121 1 one. 2 EXAMINER JENNINGS: I have a copy. MR. ALAMI: Okay. 3 4 5 CHARLES THOMAS WILLIAMS being first duly sworn, as prescribed by law, was 6 7 examined and testified as follows: DIRECT EXAMINATION 8 By Mr. Alami: 9 Q. How are you doing this afternoon, 10 Mr. Hall? 11 12 Α. Fine, thank you. 13 Q. Did you cause to be filed and prepared in this case testimony --14 Α. Yes. 15 16 Q. -- consisting of seven pages of questions 17 and answers? 18 A. Yes, sir. And if I asked you the questions that are 19 20 contained within your testimony here today, would you give me substantially the same answers? 2.1 22 Α. Yes. And do you adopt this testimony as your 23 Q. 24 testimony in this case? 25 A. Yes, I do.

122 MR. ALAMI: Your Honor, if I could have 1 2 marked for identification as AEP Exhibit No. 8. 3 EXAMINER JENNINGS: 8, yes. 4 MR. ALAMI: Mr. Hall's testimony. 5 EXAMINER JENNINGS: It shall be so marked. 6 7 (EXHIBIT MARKED FOR IDENTIFICATION.) Mr. Hall, were you in the room when 8 Q. 9 Mr. Paulus was on the stand just a moment ago? 10 Α. Yes. And were you also here when the Attorney 11 Ο. 12 Examiner was asking questions relating to dielectric strength oil pressure? 13 14 Α. Yes. If you could just kind of explain the 15 Q. purpose of dielectric strength oil pressure and the 16 17 testing of that to your understanding as it relates 18 to the discussion Mr. Paulus had with the Attorney Examiner. 19 20 MR. THEVENY: Objection, your Honor. 2.1 no showing this witness is qualified to offer 22 testimony in this area. As a result, they are asking 23 for inappropriate expert opinion from so far a lay 24 witness as far as we know.

MR. ALAMI: Your Honor.

EXAMINER JENNINGS: Yes.

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MR. ALAMI: I would just refer to
Mr. Hall's prefiled direct testimony at page 2, lines
4 through 10. Mr. Hall is an expert witness —
excuse me, lines 4 through 17. There it states
Mr. Hall's qualifications. He has been an equipment
specialist since 2004 and has over 32 years with the
company. He is responsible for testing and
inspecting load tap changers, control panels, the
exact equipment that we're discussing here at issue
in this case. I would submit that Mr. Hall is
experienced and has a technical knowledge to discuss
and answer the questions here today related to load
tap changers and control panels.

MR. THEVENY: Your Honor, that was not the question. I would like the opportunity to voir dire the witness on his qualifications with regard to dielectric strength of oil as it relates to the function of a tap changer which I believe was the question posed to him.

MR. ALAMI: Your Honor, I was just asking a general question as to the witness's --

EXAMINER JENNINGS: I will overrule the objection.

Q. Do you need the question read back,

Mr. Hall?

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- A. Yeah, yes, please. Go ahead.
- Q. I just want to make sure we're clear for the record. There was a conversation related to dielectric strength oil pressure and I wanted to make sure that everyone is on the same page when we're speaking about dielectric strength oil pressure. Am I saying that phrase correctly?
 - A. Yes, I believe you are.
 - Q. And what is dielectric strength --
 - A. The dielec --

MR. THEVENY: Same objection. Now, he is asking a very specific question of a witness. There has been no demonstrative qualifications that this witness is capable of explaining in any competent fashion what is meant by the dielectric strength of oil pressure other than worked 32 years for a public utility company dealing with electricity.

MR. ALAMI: Your Honor, maybe I can get at it another way if we can move things along.

- Q. Mr. Hall, if I can refer you to your testimony at page 2, lines 10 -- 9 through 10.
 - A. Yes.
- Q. And you are responsible for, are you not, the inspection and testing of load tap changers and

control panels?

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- A. Yes, I am.
- Q. Including the type of equipment, load tap changer and control panels, that was installed and is installed at the Linden Avenue Substation?
 - A. At the Linden Avenue Substation, yes.
- Q. And is dielectric strength oil pressure a component or related to a load tap changer?
- A. Dielectric strength test of oil, it is not -- it is not a pressure test.
 - Q. But it's related to an --
- A. The quality -- the insulating quality of oil is its ability to withstand voltage.
- Q. And we're talking about an oil in the tap changer.
- A. Yes, oil within the load tap changer component itself.
- Q. And you were explaining just a minute ago what it actually was, and you corrected me.
- A. The dielectric strength of an oil, I wouldn't call it a pressure. I don't understand when you use the term pressure, okay, with a dielectric strength. When we do dielectric strength, it is a component's ability to withstand current, current flow, to withstanding a certain voltage. So within

the LTC itself, the voltage within that LTC, there's 12,000 volts between phases, okay? And the tap changer changes taps within that tap changer to adjust the voltage — the load voltage of the customer's voltage, okay? And the oil's ability to withstand that high voltage to ground and to insulate between when that tap changer changes taps is what we call the dielectric strength of oil.

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and we apply a voltage across it to see when it breaks down which helps us -- which will tell us, you know -- it may not tell us exactly what's in the oil to break down at a certain level, but it helps us know when we may have to do some oil filtering, okay? The filter that we put on -- the external filter we put on the tap changer on all of those type of -- type of tap changers and many other types of tap changers is to extend the life of the oil which, in turn, extends the life of the contacts that are inside there that are changing taps and are subject to wear and tear that -- from the work that a tap changer does.

Q. Thank you, Mr. Hall. And the Attorney Examiner had mentioned the word viscosity earlier. Does that make sense to you?

MR. THEVENY: Objection.

EXAMINER JENNINGS: Overruled.

- A. Not on a -- if you're talking a dielectric test, no. Dielectric test to me is just simply that component's ability to withstand that voltage.
 - Q. Okay.

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- A. I mean, you know, I'm not arguing the point the oil has has a job in cooling or anything like that. It's just that it's just the term dielectric strength and the test we do, dielectric test on it.
- Q. And is that a test that can be performed at the substation?
- A. We have a dielectric test set, yes, we can take to the station and pull a sample, put it in the cup, subject it to the voltage, and it will give us a number and we can decide from there where to go if we believe that number is too low.

MR. ALAMI: Thank you, Mr. Hall.

Your Honor, the witness is available for cross-examination.

MR. THEVENY: May I, your Honor?

EXAMINER JENNINGS: Yes.

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CROSS-EXAMINATION

By Mr. Theveny:

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- Q. Good afternoon, Mr. Hall. Good to see you again. It's been a while since we have been in the conference room -- no, I was on T.V.
 - A. Yeah. You was on T.V.
- Q. This -- refresh my recollection on your background. I think you said you were a high school graduate; is that right?
- A. Graduated high school in 1977, that is correct.
 - Q. And college course work, college degree?
 - A. I have no college degrees.
- Q. Any training in chemical properties of oil or viscosity or how it reacts to current, anything like that?
 - A. No formal training, no.
- Q. Ohio Power Company ever give you any training on exactly what it is that -- and how it works, the dielectric testing, what components are necessary to properly conduct the test as far as reading the results or how do you go about -- how do you know that?
- A. We've had training as far as how to run the test set --

Q. Okay.

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- A. -- if that's what you're asking.
 - Q. Exactly how it works you wouldn't know that, right?
 - A. Exactly how the test set functions?
 - Q. Right.
 - A. I did not design the test set so, no, I can't go through everything how the test set works.
 - Q. Just so I'm clear my understanding of your prior testimony in deposition was that you never conducted a dielectric strength oil test on the tap changer at the Linden Avenue Substation.
 - A. At the time of this occurrence?
 - Q. Right.
 - A. At this overvoltage event, no, we did not do a dielectric test on the oil of the LTC but that would not affect how the control panel or equipment would work.
 - Q. I understand that. You do understand that the tap -- the control panel for the tap changer failed; is that right?
 - A. That is correct.
- Q. It's also, you agree, do you not, that when the control panel failed, the tap changer went into an overvoltage condition; is that right?

- A. When the control panel failed calling for a raise and basically it's telling the tap changer you keep raising until I tell you to stop and the control panel never told it to stop so, yes, it ran to a full raised condition.
- Q. Would you agree with me at the time of the incident based on circumstances then in existence, the tap changer should not have been into a full boost condition at that time but for the failure of the control panel?
 - A. Say that one more time, please.
- Q. Sure. Should the tap changer have gone into full boost on the date of the incident?
- A. No, not unless the voltage required it to.
- Q. Right. There was no indication the voltage required it, right?
 - A. No.

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- Q. So you would agree with me, would you not, that the fact that the tap changer went into an overvoltage condition at that time was a failure of the tap changer because there was no need for it to go into an overvoltage situation, a full boost situation?
 - A. It was a failure of the control panel

component, not the tap changer itself.

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- Q. I understand that but you would agree with me, would you not, as a result of the control panel failure, the tap changer went into full boost?
 - A. Yes, I can agree with that.
 - Q. They are tied together; isn't that right?
- A. Yes. The control panel tells the tap changer what to do.
- Q. Right. And the tap changer should not have gone into full boost at that time; is that right?
- MR. ALAMI: Your Honor, I object. He asked and answered; he's asked and Mr. Hall has answered.
- A. I don't know what the voltage -- specific voltage was at that time so I cannot say at that instant that -- I cannot guarantee at that instant something didn't happen on the system or some load problem happened that the tap changer -- that the voltage did go that low, I am going to say it's unlikely, but I can't say that for sure.
- Q. You understood there was an overvoltage, and the overvoltage condition caused the chiller unit to shut down at the Genesis Healthcare Center. You learned that through the course of this proceeding,

did you not?

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- A. Yes.
- Q. Did you also learn during the course of this proceeding that the chiller units shut down because of the high voltage as a result of the tap changer going into full boost at the Linden Avenue Substation?
 - A. Yeah.
- Q. And you agree that because of that overvoltage condition that damaged Genesis Healthcare System's property?
 - MR. ALAMI: Objection, your Honor.
- A. I can't -
 EXAMINER JENNINGS: Overruled.
- Q. If he knows, he knows. Go ahead. You can answer.
 - A. Answer? I can't say specifically that that caused Genesis's equipment to fail, no.
 - Q. All right. But you understood the chiller unit shut down in response to an overvoltage condition?
 - A. That's what I was told, yes.
- Q. And given that we are in the middle of June of 2010, you agree that a chiller unit on an HVAC unit should not shut down?

- MR. ALAMI: Objection, your Honor.
- 2 Q. You can answer.

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- EXAMINER JENNINGS: Overruled.
- A. I have no idea what hospital equipment should do in any kind of weather.
- Q. And your role in your employment at Ohio Power Company with regard to your knowledge of the Linden Avenue Substation in 2010, did you understand that it was supplying power to both Genesis Healthcare facilities in Zanesville?
- A. I didn't know that for sure at the time, no, sir.
 - Q. Okay. Did you know it was at least supplying power to the Genesis Healthcare System that has brought us here today?
 - A. Yes, sir.
 - Q. Okay. And you understood, did you not, that the hospital was a 24-hour --
- 19 24-hour-a-day/7-day-a-week operation, right?
 - A. Absolutely.
- Q. What other commercial -- large

 commercial -- would you agree that Genesis Healthcare

 System was a larger commercial client of Ohio Power

 Company?
- A. I don't have any way of knowing who is a

big customer of AEP.

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- Q. Okay.
- A. I don't deal with that part of it.
- Q. And my question was more precise. With regard to -- I didn't word it artfully. Let me try again.

With regard to the properties being serviced by the Linden Avenue Substation did you have an understanding whether or not Genesis Healthcare -- Genesis Healthcare's facilities was one of the larger properties being serviced from that Linden Avenue Substation?

- A. Yes.
- Q. Okay. So would it be fair to say that Ohio Power Company knew that the Linden Avenue Substation was, in fact, supplying power to one of the larger customers through the Linden Avenue Substation, that is, Genesis Healthcare?
- A. We knew that Linden Avenue serviced Genesis hospital.
- Q. You were called out to respond to this incident after it happened; isn't that right?
 - A. That's correct.
- Q. And you would agree with me, would you not, that Ohio Power Company had no way of knowing

that the tap changer had gone into a full boost as a result of the control panel failure; is that right?

Not until you were told by Genesis Healthcare?

- A. At that time that is correct, yes.
- Q. Okay. Have you since now acquired a way in which you can determine if the control panel fails and a tap changer goes into full boost at the Linden Avenue Substation? Is there a way now where that's monitored by Ohio Power Company?

MR. ALAMI: Objection, your Honor, relevance.

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EXAMINER JENNINGS: Overruled. You may answer.

THE WITNESS: Answer?

- A. No. Nothing has been installed there to -- at this time.
- Q. Okay. Nothing at all despite your understanding that that substation supplies a 24-hour-a-day/7-day-a-week hospital which -- whose operating facilities and facilities that care for the sick? Nothing at all has been done in that regard?

MR. ALAMI: Objection, your Honor.

Mr. Hall has indicated he has no idea or can't

speculate as to the operations of the hospital.

There is no basis for him to give an opinion as to

- 1 that. If Mr. Theveny wants to rephrase.
- 2 MR. THEVENY: I'll be happy to rephrase.
- 3 EXAMINER JENNINGS: Please do.
 - Q. Okay. You understood that Genesis Healthcare System operates a hospital, right?
 - A. Yes.

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- Q. Is it fair to say as a layperson you have a general understanding what goes on in a hospital, operating rooms, sick wards, and so forth, right?
 - A. Yes.
 - Q. Have you ever been in a hospital?
- A. Yes.
- Q. Ever been in the Genesis Healthcare hospital?
 - A. Yes.
 - Q. The one at issue in this case, right?
- 17 A. Yeah.
 - Q. Okay. And you understood at the time of this 2010 incident and after that that this Linden Avenue Substation was supplying the Genesis Healthcare System hospital with power.
 - A. Yes.
- 23 Q. And despite this incident and despite
 24 your admission that Genesis Health -- I mean, Ohio
 25 Power Company had no way of monitoring the substation

to know if a control panel fails and a tap changer goes into full boost, that nothing has been done to address that issue, that that's still the case today.

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- A. I cannot say that people way above my pay grade are not looking into it. I can't address that either way. I can say nothing has been changed in there.
- Q. So if we are sitting here right now and that control panel were to fail, another control panel would fail and tap changer would go into full boost, Ohio Power Company wouldn't know of it unless customers such as Genesis Healthcare System called them to tell them.
 - A. That is my understanding.
- Q. You responded to the incident after

 Genesis Healthcare System notified Ohio Power Company

 of the overvoltage condition. Who was with you?
 - A. No one was with me when I was called.
- Q. And then I think you went a second time to replace the control panel; is that right? Strike that.

I missed -- I walked over your answer. You received a call informing you that there was a need to go out to the Linden Avenue Substation because the hospital had reported an overvoltage

condition; is that right?

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- A. Yes. Carlos gave me a call, asked me how far I was away.
 - O. Carlos Brewer?
 - A. Carlos Brewer.
 - Q. Is he here today?
 - A. Yes, sir.
 - Q. He is sitting across from you right now?
 - A. Yes.
 - Q. Okay. Did you and Carlos Brewer then respond to the Linden Avenue Substation?
 - A. Carlos -- the purpose for calling me was asking me if I could go and how far away. My response to him, I can't remember the exact time, how long I would take to get there. It was not satisfactory to Carlos so Carlos in turn went to the station on his own.
 - Q. Right. Eventually you went out there with someone else to replace the control panel; is that right?
 - A. When I got to the station, the voltage had been manually run back to correct voltage within our bands.
 - Q. When you say the voltage, you mean had been run down -- the tap changer had been adjusted

back downward; is that what you are saying?

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- A. Yes, correct. The voltage can be corrected by manually running the tap changer several positions until the voltage got within the band.
- Q. And then just so I'm clear, you did this in your deposition testimony as well, when you say LTC, you mean load tap changer?
 - A. That is correct. I'm sorry.
- Q. My question is more precise. You did go out there though to replace the control panel; is that right?
- A. What I did that day, okay, after the voltage was corrected and I got there, what we did is we isolated -- we wanted to find out why -- what caused it to go to 16 rigs because obviously we weren't going to walk away and let the condition happen again.

All right. So what I did at that point I isolated the control panel from the load tap changer electrically, okay? So I could input a -- an external electric source into it and I could change that voltage and I would know by the output of that control whether it was telling the tap changer to raise, lower, or do nothing. And what the tap changer was telling me at that point no matter

what -- how I manipulated that voltage up or down the tap changer -- or the control, I'm sorry, continued to call for a raised condition, okay? I could -- I could raise the external voltage to where it should be saying, no, it's too high, I want you to lower, but the control still stayed in the state that it was saying raise, okay?

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So at that point that's telling me that the control part of all the tap changer components had failed.

Q. So you agree with me, do you not, the control panel is one of the component parts of the tap changer?

MR. ALAMI: Objection. That's a mischaracterization of Mr. Hall's testimony. It clearly states on page 3, line 10, of his testimony what -- whether or not he believes that a control panel in a load tap changer are separate components.

EXAMINER JENNINGS: I'll overrule the objection. I don't think there was a reference to Mr. Paulus's testimony.

MR. ALAMI: Paulus, I'm sorry, I said Hall.

MR. THEVENY: I was going to say can I have -- your Honor, may I ask the court reporter to

- 1 read back his prior answer?
- 2 EXAMINER JENNINGS: Okay. Yeah, yes.

3 (Record read.)

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- Q. Did you not say the control panel was part of the components?
 - A. The control --
- Q. Is that your prior answer?

 MR. ALAMI: Your Honor, he is interrupting.
- A. The control panel and the tap changer, one is not going to work without the other.
 - Q. Right.
- A. I mean, if say -- if the tap changer, the mechanical parts of the tap changer, inside the transformer can fail and you can replace parts in there and it -- you don't have to replace the control panel. I mean, it's part -- I guess I'm -- I'm not totally understanding this question.
- Q. All I am asking is that the control panel works in conjunction with the tap changer; isn't that right?
 - A. Yes, yes. The control panel is the boss.
- Q. In your prior answer you've characterized it as one of the components of the tap changer; isn't that right?

A. Yes.

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Q. To the extent you filed direct testimony that might say otherwise, would it be fair to say you are qualifying your prior direct testimony?

MR. ALAMI: Objection, your Honor.

MR. THEVENY: He can answer but.

MR. ALAMI: Mr. Hall is being exactly consistent with what he is saying here on the stand and his prefiled direct testimony. There is no need for him to --

MR. THEVENY: May I address that, your Honor? Now, they are doing exactly what they complained that I did which is somehow spinning the direct testimony as filed. His direct testimony speaks for itself and what he said here today speaks for itself. That's all I am asking is whether or not he's qualifying what he said earlier based on his testimony as it was filed based on versus what he said here today.

EXAMINER JENNINGS: From reading the testimony I understand that there is a close nexus between the control panel and the tap changer and how closely they work is subject to interpretation.

MR. ALAMI: I will withdraw the objection.

EXAMINER JENNINGS: All right.

- Q. (By Mr. Theveny) Are you telling me that you did conduct an investigation into what caused the failure of the tap changer and the load -- I'm sorry, the failure of the control panel and the tap changer to go into full boost?
- A. I conducted an investigation on why the tap changer at that point ran to full raise, okay? And the investigation led me to say the control panel failed, and so at that point the voltage was the tap changer controls were left in the manual position so that the control would not let it run or call for it to run in a runaway condition.
- Q. Do you remember giving prior deposition testimony in this matter?
 - A. Yes.

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- Q. And you -- and that prior deposition testimony you remember you were put under oath?
 - A. Yes.
- Q. Do you remember you were asked to testify truthfully to the best of your knowledge and belief?
 - A. Uh-huh.
- Q. Did you testify truthfully in my questions in that deposition?
 - A. Yes, I did.

Q. Do you recall the following question being posed to you: "Question: Did you or Carlos Brewer or anyone at Ohio Power Company undertake any attempt to determine exactly what it was about this control — which component might have failed and the manner in which it was still requiring the tap changer to go into full voltage," and your answer was "No"? Do you remember that question and answer?

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- A. Yes, but the way I'm saying that is —
 the way I am answering that question is I did not
 investigate the components inside the control, okay,
 the specific control. All I investigated was why the
 tap changer went to a full raise. I didn't
 investigate and try to find out what made that
 control part fail.
- Q. I gave you an opportunity, did I not, during your prior deposition testimony to tell me exactly what you did when you responded out there in order to replace this control panel? Do you remember that?
- A. I believe you gave me an opportunity, yes.
- Q. Did you share this information with me at that time?
- MR. ALAMI: Your Honor, that presupposes

there was a question during the deposition on --

A. It --

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MR. THEVENY: I'm sorry. You are talking over each other.

EXAMINER JENNINGS: Mr. Alami, let's hear your objection.

MR. ALAMI: Mr. Theveny questioned -- I think it was a question that presupposes he asked him this particular question during the deposition, and if Mr. Theveny wants to direct Mr. Hall to a copy of his deposition transcript to point him to where he asked him that, I can provide Mr. Hall a copy of that. But, again, I would, you know, refer Mr. Theveny to Mr. Hall's prefiled direct testimony which has been filed since July.

A. It may have been worded in that we determined that the control panel --

EXAMINER JENNINGS: Mr. Hall, excuse me.

THE WITNESS: Sorry.

EXAMINER JENNINGS: If you want to make a reference to the deposition, I would like to have the witness --

 $$\operatorname{MR.}$$ THEVENY: Let me rephrase the question. Maybe I can address the objection.

Q. (By Mr. Theveny) Have you shared this

information with anyone on behalf of the Complainant prior to today?

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MR. ALAMI: Objection. It's unclear what information.

- Q. The information with respect to how you undertook to again operate the tap changer in conjunction with this control panel that you went out there to re -- that you eventually did replace.
- A. I don't believe I was specifically asked how I did any kind of troubleshooting. The only question was asked -- well, I have to see the deposition. I'm sorry. I don't know -- remember what that specific question was.
- Q. All right. Let me ask you this, tell us what you did to investigate what caused the control panel to fail.
- A. I did not investigate what caused after the determination was made that the control panel failed causing the load tap changer to run to its full boost position, I did not do any test or anything to try to determine what inside the control panel failed to cause that to happen.
- Q. So you maybe did not undertake any investigation at all as to what might have caused the control panel to fail.

- A. The specific control panel, no, I did not.
- Q. Okay. Did you document in any way the condition of the control panel that failed when you went out there to replace it?
 - A. Did I document -- say that again, please.
- Q. Sure. Did you document in any fashion the condition of the control panel that you went out there to replace, the control panel that failed?
- A. At the time of the incident -- incident I did not go to replace the control panel. I went to try to investigate why the LTC ran to its full raised position.
- Q. Let me reask the question then in a manner you can answer perhaps. Did you eventually determine that the control panel failed, the control panel for this tap changer?
 - A. Yes.

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- Q. Did you undertake any investigation to document the condition -- sorry. Did you undertake -- you already told me you took -- undertook no investigation to determine why that control panel failed, correct?
 - A. That's correct.
 - Q. Did you undertake any effort to document

the condition of the control panel which failed once you determined that it did fail?

- A. No.
- Q. Did you take any photographs of it?
- A. No.

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- Q. Did you take any measurements of it?
- A. No.
 - Q. Take any notes with respect to the condition you found it in?
 - A. No.
 - Q. Instead am I correct you simply threw it away after you were finished out there; is that right?
 - A. We do not have a policy to keep --
- Q. Can you answer my question "yes" or "no" first?
 - MR. ALAMI: He is interrupting the witness when he is trying to give an answer to his question.
 - Q. I am happy to have you explain, Mr. Hall, but first answer my question, if you can. Instead of making any determination of why it failed and instead of documenting its condition in any fashion is it correct you simply threw it away?
 - A. After it was replaced, yes, we threw it

away.

2.1

- Q. Is it correct you simply threw it away that same day?
 - A. The day of this instance?
 - Q. No, the date you replaced it.
- A. I don't even remember if I specifically threw it away, but I am going to say, yes, it was probably thrown away the day we took it out.
- Q. Did you reach out to anybody else at Ohio Power Company with regard to somehow making any type of determination about why that control panel failed?
 - A. No.
- Q. Did you reach out to anybody at Ohio

 Power Company to come out and prepare some type of
 written report on the condition of the control panel
 before you threw it away?
 - A. No, I did not.
- Q. Did you contact anybody else at Ohio Power Company to come out to take any photographs of the control panel before you threw it away?
 - A. No, I did not.
- Q. At the point you were out there to replace this control panel, did you understand at that time that Genesis Healthcare System had already contacted Ohio Power Company to say they had a

problem because of an overvoltage condition?

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- A. When I went to replace it, yes, because it was several days or four days after because we did not have a control panel. At the time I got there we did not have a control panel so it was not replaced that evening.
- Q. Had you ever performed any maintenance or service work on this Linden Avenue -- I'm sorry, on the tap changer out at the Linden Avenue Substation?
 - A. I don't specifically recall.
- Q. As part of your job duties and responsibilities over the course of the 32 years you have been with Ohio Power Company, have you been assigned that type of work, that is, to go out and inspect load tap changers and control panels and to perform --
 - A. Yes.
- Q. What is required for maintenance items on the load tap changer?
- A. On the load tap changer when we do a -we call it transformer minor maintenance with
 regulation so at that point we would bring in a
 mobile unit which is a temporary transformer and take
 this transformer out of service. We would do -- take
 oil samples of the main tap changer tank, send them

away to a lab for analysis. Dielectric would be part of that analysis. With the newer technology they have a check for metals and check for other stuff that's in the oil we may not be able to see visually if we just get in there to look, if there is overheating in there.

Q. What else is required?

2.1

- A. We'll get in there, we'll drain the oil out of the LTC tank, we'll open the LTC tank and physically take measurements of contacts, visually look at contacts, make sure there's no -- not a lot of carbon in there. We will look -- visually look at connections to make sure they are not discolored from heat.
- Q. You don't recall though whether you have ever done this type of work on this particular load tap changer out at the Linden Avenue Substation; is that right?
- A. I don't -- the time frequency in there I don't remember specifically what I would have done on the last inspection date, no.
- Q. Okay. You don't remember the last time you were out there prior to this replacement of the -- prior to the date of going out there to replace the control panel; is that right?

- A. That's correct.
- Q. What interaction did you have with Genesis Healthcare System at the time of this incident, if any?
 - A. None.

2.1

- Q. What steps did you undertake to -- what steps did you undertake, if any, to make sure this type of event did not happen again?
 - A. Replaced the control panel.
- Q. Did you do anything else other than replace the control panel?
- A. Not -- as far as to prevent this from happening again?
 - O. Yes.
 - A. Not that I can think of.
- Q. Did you ever contact Genesis Healthcare System and say, hey, maybe you might want to do something going forward with regard to overvoltage conditions that might result in a tap changer going into full boost?
 - A. I don't remember specifically, no.
- Q. Let me ask you this, Mr. Hall, if you don't know why the control panel failed in the first place, how do you know that replacing the control panel is going to solve the problem that led to the

tap changer going into full boost?

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- A. I don't know what caused the control panel to fail. At the point when we check and the control panel is the indication that is the reason the failure of the control panel I have to try to say this. When it's determined that the control panel is what caused the failure, what caused the voltage to go to full raise, okay, the control panel is left in the off or manual position so it will not try to run automatically, okay? We get a new control panel, and the only answer I can give you is when we replaced the control panel and put a new one in, the problem doesn't exist any more.
 - Q. What's the problem?
 - A. The control panel.
- Q. What was the problem with the control panel? Can you tell me that?
 - A. No, I cannot.
- Q. Because you didn't investigate it, did you?
- MR. ALAMI: Objection, your Honor, argumentative.
- Q. (By Mr. Theveny) You can answer.
- MR. THEVENY: I really apologize.
- 25 EXAMINER JENNINGS: Overruled.

- Q. You didn't investigate it, right?
- A. I did not investigate that particular control panel, no.

4 MR. THEVENY: I have no further 5 questions.

MR. ALAMI: Thank you, your Honor. Just a few redirect. I promise I will be brief.

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REDIRECT EXAMINATION

By Mr. Alami:

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- Q. Mr. Hall, the tap changer that was at the Linden Avenue Substation on the date of the incident is still there, correct?
 - A. Yes.
- Q. And hasn't been changed out; it's still the same tap changer that was there, correct?
 - A. That's correct.
- Q. When did you become aware that Genesis
 Healthcare was suing Ohio Power Company?
- A. I don't know a specific date. It was several years, I believe, later. I don't even -- yeah, it was a long time afterwards.
- Q. A long time after the event at issue?
- 24 A. Yes.
 - Q. Did you ever receive notice of a claim

that Genesis was suing Ohio Power Company?

A. Nope.

2.1

Q. Mr. Hall, you've indicated in your testimony that you experienced in your -- just for a timeframe of reference 10 to 15 years you've seen an average of one control panel fail about a year; is that correct?

MR. THEVENY: Objection, relevance. I mean, this is -- we are not here about other control panel failures. I don't see the relevance of this questioning at all.

EXAMINER JENNINGS: Overrule the objection.

You may answer.

- A. Ask again, please.
- Q. I could refer you to page 3, lines 18 through 20, of your testimony. Do you see that there, Mr. Hall?
 - A. Yes.
- Q. Have you been involved in replacing control panels out before?
 - A. Yes.
- Q. Have you been involved in replacing other failed equipment, other equipment that fails at substations? Have you been involved in replacing

- them with new equipment before?
- A. At other sites, yes.
 - Q. Just in general.
 - A. Yes.
 - Q. Do you contact anybody before you replace a failed piece of equipment?
 - A. Just the people I need to contact to get something purchased.
 - Q. Do you know of any requirements to document?
- 11 A. No. AEP doesn't -- doesn't have any
 12 written policies that I know of to keep every piece
 13 of failed equipment.
- MR. ALAMI: Thank you, your Honor.
- 15 That's all the questions I have.
- MR. THEVENY: Just one follow-up, if I
- 17 may.

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- 18 EXAMINER JENNINGS: Yes.
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- 20 RECROSS-EXAMINATION
- 21 By Mr. Theveny:
- 22 Q. I believe the record would show that you 23 replaced that control panel maybe three or four days 24 after the incident. What was -- excuse me. I didn't 25 get an audible response to your last question.

A. Yes, the panel was actually replaced three or four days after the incident because we did not have one in stock.

2.1

- Q. What was Ohio Power Company doing to regulate the power supply to Genesis Healthcare

 System during this time period between the failure of the control panel before it was replaced?
- A. It wouldn't have been automatically regulated. People would have went out to the station and you would have to ask Carlos how often or, but people actually drove to the station and physically checked the voltage on that tap changer and if it would have been slightly out or they would have ran it manually to recreate correct that voltage level.
- Q. Would you agree with me that a customer such as Genesis Healthcare System's hospital facility should be informed by its power company when there is an overvoltage condition?
- A. I don't determine who gets -- in those conditions I don't determine who gets a response or contacted. That's not my.
- Q. You were asked a series of questions about when you became aware of a potential claim or lawsuit. Do you remember those lines of questions

158 from your counsel; is that right? 1 2 Α. Yes. 3 Okay. You would agree with me, would you Q. not, that with regard to the tap changer and the 4 5 load -- the tap changer and the control panel, those are property of Ohio Power Company, right? 6 7 Α. Yes. Q. And they were in the exclusive control of 8 Ohio Power Company, right? 9 10 Α. The tap changer, yes. MR. THEVENY: All right. That's all I 11 12 have. Thank you. EXAMINER JENNINGS: Nothing further? 13 MR. ALAMI: Nothing further, your Honor. 14 15 Thank you. 16 EXAMINER JENNINGS: You may be excused. 17 MR. ALAMI: Thank you, your Honor. 18 EXAMINER JENNINGS: Next witness. 19 MS. BLEND: Ohio Power Company calls 20 Carlos Brewer. 2.1 (Witness sworn.) 22 EXAMINER JENNINGS: Thank you. Please be seated. 23 24

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1	CARLOS E. BREWER
2	being first duly sworn, as prescribed by law, was
3	examined and testified as follows:
4	DIRECT EXAMINATION
5	By Ms. Blend:
6	Q. Mr. Brewer, would you please state your
7	name for the record.
8	A. Carlos Edward Brewer.
9	Q. And, Mr. Brewer, by whom are you
10	employed?
11	A. AEP.
12	Q. Ohio Power Company?
13	A. Ohio Power.
14	Q. And do you have before you a copy of the
15	direct testimony that Ohio Power Company filed on
16	your behalf
17	A. Yes, I do.
18	Q in this case?
19	MS. BLEND: I would like to mark Exhibit
20	9.
21	EXAMINER JENNINGS: It shall be so
22	marked.
23	(EXHIBIT MARKED FOR IDENTIFICATION.)
24	Q. Mr. Brewer, is this a copy of the
25	testimony that was filed on your behalf?

- 160 A. Yes. 1 2 And if I asked you the questions in this Q. 3 testimony verbally today, would your answers be the 4 same? A. I would assume, yes. I would have to 5 read back to make sure but. 6 7 MS. BLEND: At this point I move for the admission of AEP Exhibit 9, subject to cross. 8 EXAMINER JENNINGS: Okay. Mr. Theveny. 9 MR. THEVENY: May I cross-examine? 10 11 EXAMINER JENNINGS: Yes. 12 13 CROSS-EXAMINATION By Mr. Theveny: 14 15 Q. Good afternoon, Mr. Brewer. 16 Hi. Α. 17 Q. Good to see you again. It's been a while. 18 19 Uh-huh. Α. 20 I am sure you were looking forward to Q. this. 2.1
- Q. I won't be too long. Were you the first
 Ohio Power Company employee to respond to the

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Α.

waiting.

Oh, yeah. I have been sitting anxiously

incident by being the first employee to go out to this Linden Avenue Substation after there was notice received of the overvoltage at Genesis Healthcare?

A. No.

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- Q. Who was the first employee? I forget.
- A. Gary Parker.
- Q. Gary Parker, I do remember that now. Did you go out there at some point after the incident before this control panel was replaced?
 - A. Yes.
- Q. How long -- do you remember when that Ohio Power Company got notice of this overvoltage condition from Genesis Healthcare System?
 - A. No. I don't have a clue.
- Q. Do you know how long you were out there after Gary Parker went out there?
 - A. Shortly after he arrived.
- Q. Do you know how many days it was prior to the control panel being replaced by Mr. Hall? Just trying to put a timeframe together.
 - A. From the incident until it was replaced?
 - Q. Yeah.
 - A. Either two or three days, I think.
- Q. Right. Did you undertake any investigation to determine why the tap changer had

gone into -- went into full boost out there at the Linden Avenue Substation?

A. Not at that time I didn't.

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- Q. Did you ever undertake any investigation to that effect?
- A. No. I was more concerned on getting the voltage down at that time.
- Q. So do you know whether anybody at Ohio Power Company conducted any investigation into why this tap changer went into full boost?
 - A. Well, it was pretty evident.
 - Q. Is that because the control panel failed?
- A. The control panel failed. It wouldn't lower it.
- Q. Did you take any -- did you undertake any investigation to determine why the control panel failed?
 - A. No. Not me, no.
- Q. Do you know whether anybody at Ohio Power Company undertook any investigation into why the control panel failed?
 - A. No, I don't know that.
- Q. All right. Would it be fair to state that no one undertook any such investigation because it was disposed of before anybody examined it for

that purpose?

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- A. We examined it in the field.
- Q. When you say we examined it in the field, who are you referring to?
- A. I did. Gary Parker did. It was determined right then it wouldn't work.
- Q. Did you make a determination as to why it wouldn't work?
 - A. No, I did not.
- Q. Did you take any photographs of this control panel that failed?
 - A. It's not a common practice.
- Q. I didn't ask whether it was a common practice. I asked you whether you took any photographs.
 - A. No, I did not take any photographs.
 - Q. Okay. Did you undertake any written report of the condition you observed this control panel?
- A. I wrote in the logbook because when I examined the logbook two years later, it looked like I wrote in it.
 - Q. Did it say control panel failed?
 - A. I don't think I put that.
 - Q. What did you put? Do you remember?

- A. I think the best I can remember it said where I found the voltage and position of the LTC and what we did to lower it.
- Q. Right. So your entry did not include any statement or indication of why the control panel failed?
 - A. No.

2.1

- Q. All right. So despite this examination by you and Mr. Parker and your acknowledgment that you didn't take any photographs and you didn't prepare any written report at that time, all you had were these field entries, as far as you know, no one else at Ohio Power Company examined that control panel that failed.
- A. Bob and David Sullivan, you know, they were the ones that replaced it so.
 - Q. Right. We've heard from Mr. Hall today.
 - A. Yes.
- Q. And he said he didn't investigate it, why it failed, right?
 - A. That's what I understood him to say.
- Q. And you would agree with me, would you not, Mr. Sullivan has not indicated any reason why this control panel failed?
 - A. Not to me.

Q. Okay. And you don't know why the tap changer went into full boost, right?

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- A. Yeah, I know why it went into full boost.
- Q. Because the control panel failed, right?
- A. Because it said, hey, my voltage is low and you got to run so that's what it did.
- Q. Let me clarify for the record, when you say -- when you say, hey, it said to run high, you mean the control panel told it to run high; is that right?
- A. Yeah. It said I need to raise so it raised.
- Q. All I am saying I need to raise, you are referring to the control panel telling it to raise?
 - A. The control panel told the LTC to raise.
- Q. And you knew that at the time you first responded to this incident that the control panel had somehow failed and told the tap changer to go into full boost, right?
- A. Yeah, because it wouldn't run and I put it in manual and ran it back down so.
- Q. And you knew that an overvoltage condition was not -- could be a problem for customers; in fact, it was a problem for Genesis Healthcare System because they called you, right?

A. No, they didn't call me.

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- Q. You understood they had called to report a problem with the overvoltage condition.
- A. I couldn't -- I think the line guy come and told me, said, hey, we got problems out there; can you look at it.
- Q. So you were aware there were problems out there with regard to the overvoltage condition because the tap was in full boost, right?
 - A. When I got there and looked at it.
- Q. And knowing that and knowing in your mind it was due to the control panel failure, you still made no attempt to determine why the control panel failed?
 - A. No, I did not personally, no.
- Q. Right. And as far as you know, no one at Ohio Power Company did because you just told me that, right?
 - A. If you say so.
- Q. I am not saying if you say so. Do you know if anybody else --
- A. I do not know of anybody else that did it, no.
- Q. Let me finish the question so the record is clear. Do you know if anybody else at Ohio Power

Company investigated why that control panel failed?

A. No, I do not.

2.1

- Q. And yet you were aware that there were problems out there. Does that mean customers were having problems with overvoltage conditions?
- A. I'm sure everybody did that was on the line.
- Q. All right. Are you aware of a program called ISIS, all caps I-S-I-S?
 - A. ISIS, yes, I am.
- Q. You would agree that ISIS is a software database program utilized by Ohio Power Company to record work done during maintenance and inspections of Ohio Power Company equipment?
 - A. Yes.
 - Q. You utilize it, right?
- A. Yes.
- Q. You would agree, would you not, that Ohio Power Company employees are required to inspect oil levels on load tap changers when they are out there inspecting it?
 - A. Oil level, yes.
- Q. Would you agree that they are required to inspect the contacts on the load tap changers when they are out there performing a routine inspection?

1 A. No.

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- Q. Okay. How often is that done?
 - A. Different intervals for different pieces of equipment.
 - Q. What -- have you conducted inspections of load tap changers and control panels at substations over the years?
 - A. Have I personally, yes.
 - Q. Yeah. Have you ever done it at the Linden Avenue Substation?
 - A. I have not personally done that.
 - Q. Okay. So you really didn't know anything about the history of this particular load tap changer and this control panel that failed until you went out there in response to this incident; is that right?
 - A. Prior to, that's right.
 - Q. Okay. For this ISIS program that's utilized by Ohio Power Company employees including by yourself for those substations where you have conducted inspections and where you performed maintenance on load tap changers and control panels, do you input into the ISIS system an indication that you tested the dielectric strength of the oil for the load tap changer when you do it?
 - A. No, I don't.

- Q. Do you input into the ISIS system any record or documentation that you inspected the tap changer arcing contacts when, in fact, that work is performed in connection with your inspection?
 - A. No, I don't.

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- Q. Do you put into ISIS any indication that you checked the lubrication of the tap changer motor drive bearings as required by the manufacturer when you perform that type of work when you are out there inspecting these load tap changers?
 - A. I don't.
- Q. Do you know whether anybody puts that type of information into ISIS?
- A. They would put in there they have done an inspection. All the details, no, they wouldn't put all that in there.
- Q. Would you agree then you do not -- that you and other Ohio Power Company employees also do not put into ISIS or record or document when you make dynamic braking adjustments for the tap changers that you inspect?
 - A. As far as I know, no.
- Q. How about if you inspect the relays when you are out there performing one of these load tap changer inspections, do you put into ISIS that you

have done that?

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- A. I don't know that there is any test of those.
 - Q. You are not aware of any manufacturer requirement with testing relays --
 - A. On that particular piece of equipment, no.
 - Q. -- on that model of equipment?
 - A. No, I am not.
 - Q. Are you aware of whether or not there are any requirements for dynamic braking adjustments on this particular type of load tap changer out at the Linden Avenue Substation?
 - A. Not that I am aware.
 - Q. Do you know if there is any requirement for lubrication of the motor drive bearings for the type of load tap changer out there?
 - A. No, I'm not.
 - Q. Are you aware of what the requirements were for inspecting the tap changer arcing contacts on a load tap changer of this type?
 - A. During internal inspection or?
- Q. Yes, at any time.
- A. Only time you would do that is like
 Mr. Hall said, when you take it out of service.

Q. All right. How about the testing of the dielectric strength, do you know what the requires are for how often that should be done or when it should be done?

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- A. It's different intervals for different types of equipment.
- Q. But none of these items are recorded in ISIS as far as you know.
- A. The dielectric strength, yeah, it would be recorded.
- Q. Okay. That's the dielectric strength.

 Neither the inspection of the tap changer, arcing contacts, lubrication of the tap changer motor drive bearings, dynamic braking adjustments, or inspection of relays are recorded in the ISIS database; is that right?
 - A. The inspection sheet is.
- Q. But not those items being attended to; is that correct?
- A. Some of them you mentioned are; some of them not.
- Q. Which ones aren't? I thought you told me they were not.
- A. No. I am saying I -- you asked me did I put that in there.

1 Q. All right.

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- A. I don't. Someone else enters that stuff.
- Q. Have you ever seen any written documents in connection with this case which indicate that the items that I've described were, in fact, performed on that load tap changer out at the Linden Avenue substation?
- A. Not all of them but some of them since I have been looking back through the records.
- Q. So you have looked back through the records.
 - A. Somewhat.
- Q. Okay. Would it surprise you to learn that Ohio Power Company has admitted that it has no written records for the testing of the dielectric strength of this load tap changer at the Linden Avenue Substation?
- A. I don't know if it tested dielectrics. When you get the sample, whatever the lab puts in there, you know.
- Q. My question was would it surprise you to learn that Ohio Power Company has no records that that was done for this load tap changer?
 - A. No.
 - Q. Would it surprise you to learn that Ohio

Power Company has no written records for any inspection of the arcing contacts on this load tap changer out at the Linden Avenue Substation?

A. No.

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- Q. Would it surprise you to learn that Ohio Power Company has no records indicating that there was lubrication of the tap changer motor drive bearings as required by the manufacturer?
 - A. No.
- Q. Would it surprise you to learn that Ohio Power Company has no records of dynamic braking adjustments for this tap changer?
 - A. No.
- Q. Would it surprise you to learn that Ohio Power Company has no written records for inspection of the relays?
 - A. No.
- Q. Would it be your practice to record some of those items in ISIS?
- A. I'm trying to think all of them you asked me.
- Q. I will go through the list again.

 Dielectric strength of the oil?
- A. No, I wouldn't enter that into.
 - Q. Inspection of the tap changer arcing

contacts?

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- A. I wouldn't enter that into.
- Q. Lubrication of the tap changer motor drive bearings?
 - A. No, I wouldn't do that.
- Q. Lubrication of the dynamic -- I'm sorry, documentation of the dynamic braking adjustment?
 - A. No.
 - Q. How about inspection of relays?
 - A. No.
- Q. Is it your understanding that there are some Ohio Power Company employees who do make that notation in the ISIS database?
 - A. I'm sure there's somebody somewhere.
- Q. Do you know whether or not a load tap changer will fail in that it will go into full boost if there -- the arcing contacts become worn?
- A. I wouldn't think it would cause it to do that.
- Q. You are aware there are contacts on -- there are arcing contacts on a load tap changer.
 - A. Yes.
- Q. Are you aware that they are required to maintain a certain level of thickness with regard to the composition of the contact itself?

A. Yes.

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- Q. Your understanding is that there has to be a measurement to make sure that a minimum level of thickness is maintained on those arcing contacts?
 - A. Yeah, visual.
- Q. And what is your understanding of what happens if the minimum level of thickness for the surface of the arcing contact drops below what is required? What happens?
 - A. Wear more.
- Q. What happens to the operation of the load tap changer?
- A. I don't understand your question what happens to the operation. It's going to continue to operate.
 - Q. Will it go into the full boost mode?
 - A. Not because of any contacts.
 - Q. What will happen then?
- A. Again, I don't understand what you are asking me what would happen.
- Q. And I'll try and rephrase it. I'm not trying to be inartful -- inartfully worded question. If the arcing contacts for a load tap changer do not have the minimum level of required thickness for the surface of the contact, can you tell me what effect

that would have on the operation of the load tap changer?

- A. It would have no effect on the operation.
- Q. Okay. Would it cause the load tap changer to go into full boost when it isn't required to do so?
 - A. No.

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- Q. It's your testimony that worn arcing contacts will not cause a load tap changer to malfunction by way of going into full boost when it's not required to go into full boost?
- A. To the best of my knowledge, the only thing that causes that is the control.
- Q. When you went out there after this incident was reported by Genesis Healthcare System, did you measure the contacts on the -- did you measure the arcing contacts on that load tap changer?
 - A. No.

MR. THEVENY: All right. That's all I have.

EXAMINER JENNINGS: Any redirect?

MS. BLEND: Yes, thank you, your Honor.

MR. THEVENY: Hold on a second. I may have forgotten something. May I?

EXAMINER JENNINGS: Yes.

MR. THEVENY: I forgot to check a note. It wasn't because of anything.

That's all I have. Thanks.

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REDIRECT EXAMINATION

By Ms. Blend:

- Q. Mr. Brewer, the last question -- or one of the last questions that Mr. Theveny asked you was whether you measured the arcing contacts on the load tap changer -- in the load tap changer on the date of the incident at issue here. Do you recall that question?
 - A. Yes.
- Q. Would you have had any reason to measure those arcing contacts at that time?
- A. No. I don't know if you don't understand how it works or what but there's no way possible to do that without taking the transformer out of service. That has nothing to do with what was wrong that day.
- Q. And when a transformer is taken out of service, how long does that process take? How long does it take to take it down and then bring it back up?
 - A. That particular station it's going to

take you two or three days to pull a mobile in. You parallel them with that and you put all the load on the mobile and you got that transformer isolated and then that's where you do all your tests and that's when you would drain the oil and then you would look at the contents in the load tap changer.

- Q. And is that what's done during what's called -- I believe referred to as a transformer minor maintenance?
 - A. Yes.

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- Q. And what else is done during the transformer minor maintenance besides those things you just described?
- A. Well, you test the complete transformer. Bob does all the electrical tests. We take the oil out of the LTC. We do get in there then, and we go by the measurements that he was referring to. We run it, make sure, you know, it works up and down. You do do a dielectric oil test then. And then we if everything is good, you know, we put it back and you operate it and it's good for another so many years.
- Q. And do you know whether that transformer minor maintenance was performed on the Linden Avenue Substation prior to June 15, 2010?
 - A. I do now.

- Q. And was it?
- A. Yes.

2.1

- Q. Do you know whether -- what the results of that transfer minor maintenance were?
- A. I did not look all that up. I just looked for the last date, and I'm not for sure about that. I would have to go back and look.
- Q. And is that transformer minor maintenance, the information gathered during the transformer minor maintenance, that inputted into the ISIS system?
- A. I've got to say yes and no. It's put into another program that's linked to ISIS. It's not put into ISIS.
- Q. And so there are other -- am I correct there are other databases and other places where Ohio Power Company records information about its maintenance and inspection besides the ISIS database?
 - A. Yes.
- Q. And earlier Mr. Theveny asked you about a number of items on the load tap changer itself, the relays, the arcing contacts, you know, dynamic braking adjustments, and some other things. Do you recall all those questions?
 - A. Yes, I do.

- Q. Is it your understanding that those things about which Mr. Theveny asked you are requirements or manufacturer's recommendations?
- A. I do not know for sure all those that he asked. We try to go by the manufacturer's recommendations. I don't think it's a requirement to test relays. If it is, I've never done it, put it that way.
- Q. And can you describe the document that's attached to your direct testimony as Exhibit DEB-1.
 - A. DEB-1, okay. Any particular page or?
- Q. Well, just generally what are these -- what is this document?
- A. It's -- this is in ISIS. It's a station inspection that we do monthly -- well, one of my servicers does.
- Q. Okay. So these are records of monthly inspections taken at the Linden Avenue Substation?
 - A. Yes.

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- Q. And at the time you prepared your testimony or your testimony was prepared, did you review the inspection sheets?
 - A. Did I review them when?
- Q. Have you reviewed the -- these inspection sheets that are attached as Exhibit 1?

A. Yes.

2.1

- Q. And do these inspection sheets reflect the number of operations the number of times the load tap changer operated in a month?
- A. Yes. It's -- it goes from month to month and there will be a place in there for how many operations, whether it be 20 or 400 or 1,000. It goes from month to month and that's how you check.
- Q. Okay. Now, in your view of these documents did any of the -- did you ever -- I'll start again.

Did the load tap changer operate an excessive number of times or more times than it should have in any of these -- on any of these sheets?

- A. Not -- not in my opinion, no. It looked normal to me.
- Q. Mr. Theveny asked you earlier about the maintenance on the tap changer. Is it your understanding that there are -- that there are maintenance requirements for the control panel?
 - A. Not that I know of.
- Q. In your opinion could the number of times the tap changer operates affect or cause the failure of the control panel?

A. I don't think so.

MS. BLEND: Thank you. I have no further questions.

MR. THEVENY: Can I follow up with just a few more?

EXAMINER JENNINGS: Yes.

MR. THEVENY: Thank you, your Honor.

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RECROSS-EXAMINATION

By Mr. Theveny:

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- Q. Following up on that last question, I'm correct that you never found out why the control panel failed, right?
 - A. No, I didn't, sir.
- Q. And you only know that the tap changer went into full boost because the control panel failed, right?
 - A. Yes.
- Q. How can you make -- how can you make a determination then that there wasn't a problem with the tap changer if you didn't determine why the control panel for the tap changer failed?
- A. Well, because after the new control was put in there, it's ran fine.
 - Q. Yeah. But you never --

- A. Haven't had any problems.
- Q. But you never identified the problem that caused the control panel to fail in the first instance, correct?
 - A. That's right.

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- Q. All right. Did you undertake any steps during this period of time between the report of the incident up until the time the control panel was replaced to find out why it had gone into full boost other than just saying the control panel failed?
 - A. There was no other reason.
- Q. And you didn't take -- undertake any steps to take the tap changer and look at it in a way which might have allowed you to make some type of determination as to why that control panel failed in relation to what the tap changer was doing at that time?
 - A. I don't understand.
- Q. What I am saying -- let me ask it this way, when you went out there, you have no written report on the condition of the control panel other than -- right?
 - A. True.
- Q. And you have no written report on the condition of the tap changer as you found it on that

date when you went out there when the control panel had failed and it was in full boost.

- A. I have what was wrote in the logbook as the condition as found.
- Q. Yeah. Other than what's in that logbook you didn't make any determination there's no written notations about whether the arcing contacts had worn, whether the resistors were performing, no problems with the relays, nothing like that, right?
 - A. No.

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- Q. And you knew at that point there had been a problem with customers, right?
 - A. I assume we had some problems, yeah.
- Q. Did you also know at that time that the Linden Avenue Substation serviced the Genesis Healthcare facilities?
 - A. I didn't know at that time, no, I didn't.
- Q. You were aware that Ohio Power Company employees knew that including you heard Mr. Hall's testimony, right?
- A. At that time I didn't have a clue what Bob knew.
- Q. So at some point you now know Genesis
 Healthcare System is serviced by that Linden Avenue
 Substation.

A. Yes. I was told.

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- Q. Based on your years of experience with Ohio Power Company, would it be fair to say that others at Ohio Power Company certainly knew the Genesis Health was serviced off that Linden Avenue Substation back in 2010?
 - A. I am sure John Roberts did.
 - Q. Sure. People knew, right?
 - A. I didn't because that wasn't my job.
- Q. But you would be sure that other Ohio Power Company employees didn't know that, right?
 - A. I am sure some of them did, yes.
- Q. So you're not telling us here today that because -- there was testimony that was elicited from you that -- what it would take -- because of what it would take to do a further diagnostic test on the tap -- on the tap changer would be taking out of service, you're not saying that wasn't done simply because it was inconvenient or would take two or three days? It was too much to do? Did I hear you testify to that earlier?
- A. Are you asking me why we didn't take the transformer out of service?
 - Q. Yes, yes.
 - A. Because there was no reason to.

- Q. Well, you didn't know the reason for the control panel failure, right?
- A. You keep asking me that, and I've told you several times, no, I don't know.
- Q. So during this three- or four-day period, if I'm correct, before this control panel failed, am I correct that Ohio Power Company was not monitoring the voltage regulation -- the voltage output into the hospital during that time period?
- A. I don't know what they was monitoring at the hospital.
- Q. Do you think a customer like Genesis

 Healthcare System given their business should be -should be afforded more information with regard to
 why that incident occurred, in particular why that
 control panel failed?
 - A. Are you asking my opinion?
 - Q. Yes.

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- A. I don't know of any of them that we tell each customer, hey, this happened. I'm sure the customer service people talk to them. I don't get involved in that end of the business.
- MR. THEVENY: Right. That's all I have.
- MS. BLEND: Your Honor?
- 25 EXAMINER JENNINGS: Yes.

MS. BLEND: I would like to ask a couple of follow-up questions to clarify a misunderstanding or some ambiguity in the record.

EXAMINER JENNINGS: I do have just one question.

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EXAMINATION

By Examiner Jennings:

- Q. I don't know if it's been answered yet or not, but between the time that the control panel failed and the time that it was -- that it was replaced, two or three days?
- A. Yeah. I'm not too sure, but I'm thinking it was two or three days.
 - Q. Okay. What was done to regulate the voltage during that time?
 - A. We had them go out and check the voltage, and if it was high, we would run it down. If it was low, we would run it up.
 - Q. So it was manually adjusted --
 - A. Yes.
 - Q. -- for two or three days?
- A. Yes. That's common practice.
- Q. Okay. And what was done to ensure the voltage did not exceed the desired levels at that

time between the inspections?

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- A. Between when we replaced the control?
- Q. No. You said that somebody would go --
- A. Nothing. It was turned off so it couldn't offer it. And it would stay that way until you come out there and manually run it. If the voltage got high, we would lower it down. As load goes up, your voltage would go down and vice versa.
- Q. I'm envisioning a tap changer without a control panel; is that basically what you have?
 - A. Yeah.
- Q. And it's human intervention that replaced the control panel.
 - A. Yes.
 - Q. Is that correct?
- 16 A. Yeah.
 - Q. Okay. And the -- someone will come out and make adjustments to the tap changer --
 - A. If needed.
 - Q. How often was that done?
 - A. A couple times a day.
 - Q. A couple of times a day? So if voltage extended to certainly levels when no one was monitoring, what was in place to prevent --
 - A. Nothing. Just somebody calling in and

saying, hey, I got high voltage or low voltage. I didn't have someone standing by there monitoring the voltage all the time because you've got -- we try to keep it at 125; and, of course, I'm sure it's a little different when it comes to the customer, you know, out on the line but that's our standard. If it's between 124 and 126, then that's where we kind of want our voltage at the station.

EXAMINER JENNINGS: Okay. Did you have any questions?

MS. BLEND: Yes, your Honor, thank you.

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FURTHER REDIRECT EXAMINATION

By Ms. Blend:

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- Q. Mr. Brewer, when we spoke earlier about the transformer minor maintenance and then Mr. Theveny asked you some questions about that process as well, you testified it takes a couple of days to conduct the maintenance. Is -- how long does it take to schedule that maintenance?
- A. That's according to your voltage levels.

 Some you have to get a request a month in advance.

 Some may be six months in advance. It's just according with the voltage level of the equipment.

 You don't just call and say, hey, I want to take that

out tomorrow. That don't happen.

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- Q. Is a transformer minor maintenance something that Ohio Power Company would do in response to a piece of substation equipment failing, or is it just a part of regular maintenance procedures?
- A. We do the transformer minor
 maintenance -- I would say each -- each piece of
 equipment is different. But say that it happened
 every four years. You would do it every four years
 unless you found something when you were doing the
 minor maintenance that, hey, we need to do it every
 two years instead of four or just according to what
 condition you find when you are out there doing your
 minor maintenance.
- Q. Do you know how often the transformer -- transformer minor maintenance is required for this substation?
 - A. For that transformer?
 - Q. Uh-huh.
- A. I'm thinking that's maybe every six

 years. Some of them is 10 years, some's 6, some's 4.

 I would have to look to make sure but I'm thinking 6

 years.
 - Q. Is it important for a transformer to

run -- or a load tap changer to run within a normal voltage range without a control panel for a period of time? Obviously not forever but for a day or two days or three days?

A. It's possible.

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Q. And in the two or three days between when the control panel at issue here failed and the new control panel was installed to replace it, were there any issues with the voltage being too high or too low at that substation?

MR. THEVENY: Objection.

EXAMINER JENNINGS: Overruled.

MR. THEVENY: Foundation. He didn't say he really knew much about problems. He said they were reported to him by others.

EXAMINER JENNINGS: Overruled. You may answer.

A. Not that I know of.

MS. BLEND: I have no further questions.

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FURTHER RECROSS-EXAMINATION

By Mr. Theveny:

- Q. Just one follow-up.
- 24 A. Yes.
- Q. If the control panel is not in place, how

do you know if it's running -- how do you know what voltage condition it's running in? Whether it's over? Under? How do you know unless you are out there looking?

- A. That's how we know, we go out there and check it.
- Q. If you're not out there looking, you just don't know, right?
 - A. Right.
- MR. THEVENY: All right. That's all I
- 11 have.

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- 12 A. People calls in and says their voltage, 13 that's how you know.
- MR. THEVENY: Thank you.
- 15 EXAMINER JENNINGS: Thank you.
- 16 THE WITNESS: Thank you.
- 17 EXAMINER JENNINGS: Call your next
- 18 witness.
- MR. ALAMI: Yes, your Honor. The company calls Michele Jeunelot. If possible, if we could have a 5-minute break. I promise it will be the last one.
- 23 EXAMINER JENNINGS: Yes.
- 24 (Recess taken.)
- 25 | - -

1	MICHELE JEUNELOT
2	being first duly sworn, as prescribed by law, was
3	examined and testified as follows:
4	DIRECT EXAMINATION
5	By Mr. Alami:
6	Q. Good afternoon, Ms. Jeunelot.
7	A. Good afternoon.
8	Q. If you could please spell your name.
9	Notice I didn't ask Mr. Hall to spell his name or
10	Mr. Brewer to spell his name for the record but if
11	you could spell your name for the record.
12	A. Sure. My name is Michele Jeunelot.
13	That's actually Michele with one L, M-I-C-H-E-L-E,
14	last name J-E-U-N-E-L-O-T.
15	Q. Thank you. And by whom are you employed
16	and in what capacity?
17	A. I'm employed by AEP Ohio or its legally
18	known as the Ohio Power Company. I am manager of
19	regulatory operations for AEP Ohio.
20	Q. And did you cause to be prepared prefiled
21	direct testimony in this case?
22	A. Yes.
23	Q. Consisting of six pages of questions and
24	answers?
25	7 Ves

- Q. And if I asked you those same questions here today, would your answers be the same or substantially the same?
 - A. Yes, they would be.
- Q. Do you have any corrections, deletions to make to this testimony?
 - A. No, I do not.

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- Q. Do you adopt this testimony as your testimony here in this proceeding?
- A. Yes, that is correct.

MR. ALAMI: Your Honor, if I could have marked as AEP Exhibit 11 -- 10, excuse me.

EXAMINER JENNINGS: 10, yes.

MR. ALAMI: Ms. Jeunelot's prefiled direct testimony.

(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. Ms. Jeunelot, you indicated just a moment ago you are manager of regulatory operations?
 - A. Yes.
- Q. Okay. And in that capacity you investigate formal complaints filed at the Commission.
- A. That is one of my job duties, yes.
- Q. And what is -- what other job duties do you have?

- A. My role is to ensure that we are compliant with all Ohio Administrative Code rules, that we follow through with any rule changes that might be introduced through Commission proceedings.

 My group handles both informal and formal PUCO complaints that come through. And my group also does various audits with the PUCO helping coordinate those audits in time with PUCO staff to be sure we are compliant with the rules.
- Q. Are you also responsible for determining compliance with the company's tariffs?
 - A. Yes, that is correct.

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- Q. I don't know if you said that or not.
- A. I apologize. I left that out.

 MR. ALAMI: May I approach, your Honor?

 EXAMINER JENNINGS: Yes.
- Q. And, Ms. Jeunelot, you actually have reprinted in part in your testimony section 10 of the company's tariff that was in effect on the date of the incident here, but I just handed you a full copy and printed out. Can you identify what I've just handed you as the tariff?
- A. Yes. You just provided me a section of our terms and conditions of service, section 10, which is in reference to the company's liability.

MR. ALAMI: Thank you. And, your Honor, if I could just have that marked for identification as AEP Exhibit 11.

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(EXHIBIT MARKED FOR IDENTIFICATION.)

- Q. Now, Ms. Jeunelot, did you investigate the complaint brought by the Complainant in this proceeding?
 - A. Yes, I have.

 MR. ALAMI: Your Honor, may I approach?

 EXAMINER JENNINGS: Yes.
- Q. Ms. Jeunelot, in connection with your investigation of your complaint, did you review the document that I have just handed you?
 - A. Yes, I have seen it and reviewed it.
 - Q. And can you please identify it?
- A. This is a letter to a Mr. John Roberts dated August 13 of 2010 advising him that there's a complaint or a proceeding which will occur because of the current occurrence which occurred on June 15, 2010.
- Q. And to your knowledge did Ohio Power
 Company receive any prior notice of a claim being
 brought by Genesis Healthcare or Federal Insurance
 Company?
 - A. Not that I am aware of.

- Q. You stated a minute ago that your role -in your role you're responsible for ensuring
 compliance with the Commission rules; is that
 correct?
 - A. That is correct.

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- Q. And to your knowledge are there any rules or regulations regarding the treatment of failed pieces of equipment like control panels?
 - A. Not to my knowledge.
- Q. Are there any rules or regulations to your knowledge of any -- any notice to customers that the company must provide in the event of an overvoltage situation?
- A. In the event of an overvoltage situation, not to my knowledge.
- Q. Do you know how many -- approximately how many customers are served off of the load tap changer at issue in this proceeding?
- A. There are three 12 kV circuits which are served off this transformer and load tap changer. It's approximately over 4,000 customers in total which are served off of this at the time of this instance.
- Q. And in your investigation of this complaint have you received or do you know of any

other customers who have complained to the company formally or informally of similar equipment failure -- failure or damage as a result of the incident on June 15, 2010?

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- A. Of the 4,000 or so, no, I have only been aware of the one.
- Q. To your knowledge are there any rules or regulations requiring the company to document or inventory failed pieces of equipment like control panels?
- A. No. And to do so would be very costly to our ratepayers, you know. You think of what would be involved in something like that. You would not only have to remove the piece of equipment, tag it, catalog it, figure out how long do you keep this equipment for, store it in a centralized location. It's not something we do -- it's not something I believe that would be cost effective to our ratepayers.
- MR. ALAMI: Your Honor, Ms. Jeunelot is available for cross-examination. Thank you.
- MR. THEVENY: Are you going to move her testimony?
- MR. ALAMI: Thank you. I would move for the admission --

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MR. THEVENY: I want to put an objection
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     if you are going to.
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                  MR. ALAMI: -- of Exhibit 10, subject to
     cross-examination.
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                  EXAMINER JENNINGS: Just a minute.
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     The --
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                  MR. THEVENY: Filed direct testimony is
     10, right --
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                  MR. ALAMI: Absolutely.
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                  MR. THEVENY: -- of Michele?
                  EXAMINER JENNINGS: The filed direct
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     testimony is 10 and then there is the terms and
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     conditions as 11 and then you introduced one other
     document. Did you want that marked as well?
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                  MR. ALAMI: Yes, I'm sorry, your Honor.
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                  MR. THEVENY: That was 11.
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                  MR. ALAMI: The August 13, 2010, if I
     could identify that as AEP Exhibit 12, I believe.
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                  EXAMINER JENNINGS: Yes.
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                 MR. ALAMI: I was going to wait until the
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     end of Ms. Jeunelot's cross-examination, but I could
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     move for admission of exhibits -- all the exhibits at
     this time, if you would like, your Honor, or we can
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     proceed as you would like.
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                  EXAMINER JENNINGS: Let's allow
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cross-examination and then we will get to that.

MR. ALAMI: Thank you.

EXAMINER JENNINGS: I don't think I have admitted any of the exhibits for AEP so we will do that.

MS. BLEND: That's correct.

MR. THEVENY: I will get a chance to comment on 10 at some point. You are not moving it at this point.

MR. ALAMI: I think now is your chance.

MR. THEVENY: You are moving 10 into

12 evidence.

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EXAMINER JENNINGS: Subject to your cross-examination.

MR. THEVENY: My objection is important, but it needs to be noted. I would object to that part of the direct testimony to the extent that it does call for a legal conclusion which really is not appropriate for this witness to testify to. And I refer particularly to only -- I am objecting to only that part of the direct testimony, the filed direct testimony, that begins on page 3 at line 18, although I do not -- the terms and conditions of the tariff speak for themselves.

In particular, continuing on, even though

this is qualifying language to the question on pages 5 and 6 about whether Ms. Jeunelot's assessment Ohio Power Company was negligent or not, I don't think that question can be answered other than in a legal context and it's not appropriate for this witness and the same would be true with regard to the answers to questions on page 6 of 6 concerning the assessment about customer responsibilities for protecting their own equipment.

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I think there are legal conclusions that are either within the province of your Honor or Common Pleas -- Court of Common Pleas action but not appropriate for a lay witness.

MR. ALAMI: Your Honor, may I briefly respond to that? It's clear on Ms. Jeunelot's testimony at page 3, lines 8 through 9, that she's not an attorney, and she is not attempting to provide a legal opinion as to the issues within her testimony. She was merely stating her lay opinion and, in fact, merely pointing to statements within the tariff with which she is familiar and not drawing any legal conclusions to that.

The Commission can afford Ms. Jeunelot's opinions the weight that they will. The company acknowledges that she is not giving a legal opinion

here on those issues identified by Mr. Theveny.

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MR. THEVENY: In light of that qualification, your Honor, really the testimony has no value then because it's really up -- it's in your province to decide so the objection stands, but I appreciate the qualification being further made by Ohio Power Company's attorney here today.

EXAMINER JENNINGS: Okay. I believe there are three areas of the testimony that you were attempting to -- objecting to. First was page 3 of 6 starting with line 18.

MR. THEVENY: Correct. Ends up being a set-up for the reiteration of the applicable terms and conditions of the tariff. And then continuing on there, page 5 of 6, the question beginning at line 23 asks for her assessments of negligence. And then the question on page 6 of 6, beginning at line 1, the answer goes through line 9 with regard to her opinion about the tariff and as it might apply to customer responsibilities in this situation.

MR. ALAMI: And I would just note that every question that Mr. Theveny has indicated on 5 and on page 6 prefaced the question with recognizing that you are not giving a legal opinion or offering any legal conclusions. I think she's able to state

in her lay opinion her assessments and investigations of the complaint and her familiarity with the company's tariff both within her role of manager of regulatory operations.

MR. THEVENY: My last comment would be I still think the testimony should be stricken. We stipulate to the language of the tariff in terms of conditions, and it applies to the facts that your Honor is going to find them apart from what this witness says or doesn't say.

EXAMINER JENNINGS: I will overrule the objection, and looking at the questions and answers it's -- appears to be within the scope of her duties to interpret the tariff that she is, in fact, doing so.

MR. ALAMI: Thank you, your Honor.

MR. THEVENY: Oh, I have to cross. I

forgot. I got lost in that.

20 CROSS-EXAMINATION

21 By Mr. Theveny:

- Q. Good afternoon, Ms. Jeunelot.
- A. Good afternoon.
- Q. You have been patient all day long, and I think you were on the video on the other side as

well.

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- A. That's correct.
- Q. I don't think I asked you any questions, and I don't have much for cross-examination. You testified in your filed direct testimony in response to counsel's question that you investigated this complaint; is that right?
 - A. That is correct.
- Q. As part of that investigation, did you inspect the tap changer?
 - A. No.
 - Q. Did you inspect the control panel?
 - A. No, I did not.
 - Q. Did you go to the substation?
- 15 A. No.
 - Q. Did you interview any of the parties any of the employees that were involved, Gary Parker, Eugene Campbell, Carlos Brewer, or Robert Hall?
 - A. I spoke to --

MR. ALAMI: Your Honor, I object to this line of questioning to the extent it calls for privileged and confidential work product.

Ms. Jeunelot's investigation as she has indicated initiated after a formal complaint was filed at the

Commission; and, therefore, after Ms. Jeunelot was

aware that the company was -- had a claim against it, it was being sued. So to the extent her investigation -- what she did to the extent

Mr. Theveny is asking for privileged or confidential work product, I would object on that ground. To the extent that he states generally, I have no objection.

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MR. THEVENY: I can't -- I don't know what general means or doesn't mean, and I don't need counsel to tell me what general does mean. But here's the problem with that, they've offered her testimony and you've allowed it appropriately with the regard to the findings following her investigation that Ohio Power Company wasn't negligent, that complied with the tariff. She's indicated she conducted an investigation in order to reach the opinions expressed in that testimony -- let me finish -- but, now, I am being told I can't probe into the basis, into the details of the investigation which led to that testimony.

So the testimony needs to be stricken, or I should be allowed to question the witness about what she did or didn't do in her investigation.

MR. ALAMI: I just want to clarify, your Honor, the objection was -- to the extent it was an instruction or reminder to the witness that some of

the information revealed during investigation may be privileged or confidential and protected by various privilege. With that clarification I have no problem with Mr. Theveny continuing his cross-examination.

EXAMINER JENNINGS: Okay. You may continue.

- Q. (By Mr. Theveny) Did you interview them about the particulars of the type of work they did when they responded to the incident out there?
- A. To the extent I am not sure what you mean by interview, I did speak with Mr. Brewer and Mr. Hall to learn a little bit more about the situation which occurred and the actions that they took regarding it.
- Q. Did they tell you anything differently than what you heard today?
 - A. No.

2.1

- Q. All right. Did you ever go contact anybody at Genesis Healthcare System to interview them about the circumstances of the situation?
 - A. Personally, no.
- Q. Okay. You are overall responsible for customer relations with regard to complaints made by customers?
 - A. For formal complaints that come in

Armstrong & Okey, Inc., Columbus, Ohio (614) 224-9481

through the PUCO and my direct report is responsible for handling the informal complaints for the PUCO.

- Q. Would you consider a part of good customer service to reply to customers' inquiries about problems they have had with service?
- A. Do I think it's good customer service to respond to a customer's questions on service, yes.
 - Q. How about a customer complaint?
 - A. Or customer complaint.
- Q. How about a representative of the insurance company for a customer, if they make an inquiry, do you think it's appropriate to respond?
- A. Depending on who it goes to in the company. There's a lot of different personnel who handle customer communications.
- MR. THEVENY: All right. May I approach the witness, your Honor?

EXAMINER JENNINGS: Yes.

MR. THEVENY: Thank you.

- Q. You were shown Exhibit 12 which is this letter that was sent by my now deceased partner Mike Izzo to John Roberts at American Electric Power. You told me actually that letter came to your attention.
 - A. Yes.
 - Q. Okay. I will tell you that no one ever

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responded to that letter. Do you know why?

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- A. From what I recall from early on this complaint has been quite lengthy in time. I believe Mr. Roberts was switching jobs or there was some movement. I am not sure if he had left the company or was going to transition into leaving the company. That's the best recollection I have on the -- this.
- Q. But you understood at this point at least upon receipt of this letter that American that there was an allegation being made by a representative of the insurance carrier for the healthcare facility that American Electric "American Electric Power's equipment, in particular a tap changer at the Linden Avenue Station, went into full boost which increased the voltage and shut down the hospital's operating room HVAC system and that this was a potential claim against AEP as a result of that."
- A. Once the formal complaint was filed, I did look at this letter and that is my understanding, yes.
- Q. And you can't tell me whether or not anybody responded to the letter.
 - A. To my knowledge, no.
 - Q. And I will tell you no one did respond to

I have worked with him on the file. Do you consider that poor customer service in not responding to a letter placing American Electric Power on notice of a potential claim here in the context of this lawsuit or this proceeding?

2.1

MR. ALAMI: Objection. It's irrelevant. She is not in the customer service department as she has indicated.

MR. THEVENY: Well, she told me she was responsible for investigating formal complaints against the Public Utility Commission, and I would submit that formal complaint required a response given the job duties and the responsibilities she has given so I think it is relevant.

 $\label{eq:examiner_density} \mbox{EXAMINER JENNINGS:} \quad \mbox{I will allow the} \\ \mbox{question.}$

- A. I was not able to speak with Mr. Roberts. I believe from my understanding he has left the company so I have not been able to ask him what happened to this letter, if anyone did receive it, where he was in his transition at the time this letter was written.
- Q. As far as you know, no one ever responded on behalf of Ohio Power Company?

- A. As far as I know, that is correct.
- Q. All right. And you do acknowledge that there are no written rules or regulations on how to handle or what the disposition should be for failed pieces of equipment.
- A. To my knowledge of the rules and regulations, that is correct.

2.1

Q. Should there be rules and regulations, written rules and regulations, that employees should follow with regard to failed pieces of equipment?

EXAMINER JENNINGS: Sustained.

MR. ALAMI: Objection.

Q. You have no -- never mind. I was told not to ask it so I better not ask it a different way. I'll get the same slam.

Okay. And you acknowledge there are no written rules or regulations on notice to customers with regard to like overvoltage conditions and that sort of thing?

- A. For overvoltage conditions that is correct.
- Q. Right. With regard to the customers' emergency power supply systems you heard testimony today about the hospitals, but other customers have generators and so forth. I assume you know that

based on your experience.

A. Yes.

2.1

- Q. If Ohio Power Company is not providing notice of overvoltage conditions that might be a result of some problem at a substation, would you agree an overvoltage condition isn't necessarily going to have the same effect on the customer's supply of electric power versus a power outage?
 - A. Can you restate that question, please?
- Q. Yeah. If there is a problem with the supply of power at a substation and the substation is no longer supplying power, you would agree that's a power outage, right?
- A. That is correct, if they do not have a backup generator.
- Q. And a customer is going to know that relatively quickly because their lights, T.V., radios in the hospital, things are going to shut down, right?
- A. They are also paying their bills, that is correct.
- Q. But if there is an overvoltage condition and if Ohio Power Company isn't notifying customers of the overvoltage condition, would you agree that an overvoltage condition is not going to manifest itself

on the customer's side of the supply of power the same as a power outage?

2.0

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- A. In my experience there are different pieces of equipment which will indicate overvoltage situations on customers' on the customers' ends when you have protection so at times customers have protection devices that will alarm or beep or will make some kind of sound on an overvoltage event so sometimes there will be signals to customers, not always.
- Q. You would agree it's more -- much more dramatic in the event of a power outage. More customers are going to know right away this is an outage versus an overvoltage condition?
 - A. That is correct.
- Q. And you still don't think it's necessary for Ohio Power Company to have anything in place to notify customers when there is an overvoltage condition?
- A. Ohio Power doesn't expect that overvoltage condition to continue. The first priority is to fix it and get that back into line. It's not expected that overvoltage is to continue for long term.
 - Q. Do you agree that Ohio Power Company does

not know why that control panel out at the Linden Avenue Substation failed?

A. That is correct.

2.1

Q. Do you agree that Ohio Power Company does not know why the control panel failure caused that tap changer to go into full boost?

MR. ALAMI: Your Honor, I object. It's outside the scope of her testimony with respect to the failure of the particular pieces of equipment and the reasons as to why they failed. Ms. Jeunelot is not the expert in that area and that's outside the scope of her testimony.

MR. THEVENY: Your Honor, if I may, I am just asking her in her role as being responsible for investigating formal complaints once they are made against Ohio Power Company, and in particular with this formal complaint being related to the control panel failure and tap changer going into full boost, whether or not she is aware of whether Ohio Power Company made some kind of determination with respect to why the failure of the control panel caused the tap changer to go into full boost, not what it was but just whether or not that determination was made by others.

EXAMINER JENNINGS: I will allow the

question.

2.1

You may answer.

- A. I apologize. Could you have that reread or read it to me?
- Q. Did Ohio Power Company make any determination about why the control panel failure caused the control -- why the control panel failure caused the load tap changer to go into full boost?
- A. As far as I understand, we determined that the control panel failed. Because of that failure it caused the LTC, load tap changer, to go into full boost.
- Q. But in the absence of finding out why the control panel failed you can't really state other than the fact that the load tap changer went into full boost what it was about that control panel failure that might have led the load tap changer to go into that full boost mode?
- A. It is correct we did not determine what went wrong with the load tap changer control panel.
- Q. Okay. You are familiar with the terms and conditions of the tariff that apply to Ohio Power Company?
 - A. That is correct.
 - Q. Are you aware of the following additional

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provision within the Ohio Power Company tariff --
 1
 2
                  MR. ALAMI: Is there a particular
 3
     exhibit?
 4
                  MR. THEVENY: It's in that exhibit so I
 5
     assume you introduced the whole thing. I don't have
     an extra copy. But it's a public utility company,
 6
 7
     PUCO No. 19, terms and conditions of service. It
     should be included in the sheets you've included.
 8
 9
     It's sheet 3-9. I thought you gave that to her.
10
     I'll show it to her. I only have the one copy of it.
     I assume we are stipulating to the fact that the PUCO
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12
     No. 19, terms and conditions of a service, apply
13
     here, right?
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                  MR. ALAMI: As long as --
                  EXAMINER JENNINGS: That's marked as AEP
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16
     Exhibit 11.
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                  MR. ALAMI: Correct.
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                  MS. BLEND: I believe the page
19
     Mr. Theveny is referring to is not part of our
20
     exhibit.
2.1
                  MR. THEVENY: I thought it was, but I
22
     would assume you could stipulate to the fact that the
     entire terms and conditions of a service apply here.
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24
                  MR. ALAMI: Well, I mean, so long as they
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     are the ones that were in effect.
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1 MR. THEVENY: Effective December 9, 2009.

MR. ALAMI: That's the same one we've

got.

2.1

MR. THEVENY: If we have got a problem there, my head is really going to start spinning about these evidentiary rules here.

Can I -- is it okay if I approach the witness?

EXAMINER JENNINGS: Yes.

- Q. (By Mr. Theveny) Is it okay if I hang over your shoulder a little?
 - A. That's fine.

Q. PUCO No. 19, terms and conditions of services, this is the December 9, 2009, edition, sheet 3 of 9. It says — I want to ask you if you are aware of this following language: "Approval of the above schedule language by the Commission does not constitute a determination by the Commission that the limitation of liability imposed by the company should be upheld in a court of law. Approval by the Commission merely recognizes that since it is a court's responsibility to adjudicate negligence and consequent damage claims, it is also the court's responsibility to determine the validity of the exculpatory clause." Do you see that?

A. Yes.

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- 2 Q. You are aware of that?
 - A. Yes, I am.
 - Q. You are not offering any opinion at all about the legal consequences affect the validity of these other provisions of the terms and conditions of the tariff.
 - A. No. I am just offering my opinion on my role.

MR. THEVENY: That is all I have.

MR. ALAMI: Just briefly, your Honor.

EXAMINER JENNINGS: Okay.

MR. ALAMI: And I understand and appreciate everyone's patience today.

15

REDIRECT EXAMINATION

By Mr. Alami:

- Q. Ms. Jeunelot, in response to some questions from Mr. Theveny regarding notification to customers about power outages, overvoltage events, is it correct that it's the company's policy not to notify its customers in the event of those occurrences?
- A. There are rules around outage
 notification. If we know that there is an extended

lengthy outage which we can't correct, we are to notify customers as well as we give notification to the PUCO at various levels and lengths of times customers will have an outage.

Q. Did that occur with respect to the incident involved here?

2.1

- A. As far as I know, no outage occurred. It was just an overvoltage.
- Q. So focusing the question on the overvoltage condition, I should say did the -- would there be an additional burden for the company to notify just for this load tap changer 4,000 customers who are serviced by it, to notify customers of the overvoltage event?
- A. I believe it would. We would have had to do it after the fact. Again, our first priority was to get it under control and to get the overvoltage in line so most likely it would have been an after-the-fact-type notification.

MR. ALAMI: That is all the questions.

MR. THEVENY: Just a couple of follow-up on that last line. I know it's late but it's important.

EXAMINER JENNINGS: Yes.

RECROSS-EXAMINATION

By Mr. Theveny:

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- Q. How about under the circumstances here
 Ohio Power Company was noticed -- notified of the
 overvoltage condition, discovered the tap changer had
 gone into full boost because the control panel
 failed, and it was three or four days before that
 control panel was replaced. Is it still the position
 of Ohio Power Company it had no obligation to notify
 its customer of potential overvoltage conditions in
 that context?
- A. As far as I know, there are no rules or regulations regarding notifying customers of that condition.
- Q. Of the 4,000 customers that are serviced out of this Linden Avenue Substation how many are hospitals?
- A. I know at least two are and there are several medical offices around that area.
- Q. Any attempt -- any rules or regulations that should apply notifying hospitals given the nature of the business they are in when there is an overvoltage condition?
- A. You are asking me if there should be rules around that?

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I am just asking you are there.
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            Q.
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                 Not that I know of.
            Α.
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                 How about should there?
            Q.
                  MR. ALAMI: Objection.
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                  EXAMINER JENNINGS: Sustained.
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                  MR. THEVENY: That's all I have.
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                  MR. ALAMI: That's all we have, your
     Honor, for Ms. Jeunelot. Thank you.
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                  EXAMINER JENNINGS:
                                      Thank vou.
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                  MS. BLEND: Your Honor, at this time --
                  MR. ALAMI: Your Honor, we move for the
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     admission of AEP Exhibits 1 through 12.
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                  MR. THEVENY: You have my objection on
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     the record with regard to the, yeah, 10. And I
     move -- I moved all my exhibits into admission as
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     well, subject to your ruling disallowing certain of
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     them, but it was 1, 2, 3, 4, 5, 6, and 7, I believe.
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                  MS. BLEND: 7 with the --
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                  MR. THEVENY:
                                Again --
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                  EXAMINER JENNINGS: Complainant's
2.1
     Exhibits 1 through 5 were admitted into the record,
22
     and Complainant's Exhibit 6 was eliminated. Exhibit
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     7 was conditional, and 8 through 11 were disallowed.
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                  MR. THEVENY: 6 was the notice -- oh, no.
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     Oh, yeah, 6 were those notes, were they not?
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MS. BLEND: Yes. 6, you disallowed
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     Exhibit 6 which are the unauthenticated field notes?
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                 MR. THEVENY: I think we have all these.
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                 EXAMINER JENNINGS: They were the field
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     notes, yes, and those were excluded?
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                 MS. BLEND: Correct.
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                  EXAMINER JENNINGS: That's what I have.
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     Okay. Going to AEP Exhibits 1 through 12, I can walk
     through those for you, if that helps.
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                 MR. THEVENY: Briefly, I quess.
                                                   Thank
     you, your Honor. I would appreciate that.
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                  EXAMINER JENNINGS: Okay. Exhibit No. 1
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     was an incident report.
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                  MR. THEVENY: I am fine with that. I
     remember that.
15
16
                  EXAMINER JENNINGS: Okay. Exhibit No. 2
17
     was a system failure report.
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                  MR. THEVENY: I see it here, no
     objection.
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                 EXAMINER JENNINGS: Okay. Exhibit 3 was
2.1
     a trend report.
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                 MR. THEVENY: No objection.
                  EXAMINER JENNINGS: Exhibit 4 was a
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     letter from Thomas Williams to John Roberts.
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                 MR. THEVENY: No objection.
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EXAMINER JENNINGS: Exhibit 5 was a
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      letter from John Roberts to Thomas Williams.
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                  MR. THEVENY: Even though -- no, Tom
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      Williams, that's fine, no objection.
 5
                  EXAMINER JENNINGS: Exhibit 6 was a
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      system failure report for the Bethesda campus.
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                  MR. THEVENY: No objection.
                  EXAMINER JENNINGS: Exhibit 7 was a
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      contract between AEP and the hospital.
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                  MR. THEVENY: Only objection I would have
      would be the same with regard to any interpretation
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      of the contract by any lay witness here with regard
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      to its legal effect or any determination about
      whether there was a breach of contract or whether one
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      party didn't honor the contract or not. That to me
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      is within the legal province of the Commission or
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      court of law but other than that I have no -- I
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      reserve that objection only which, I assume, you will
      overrule.
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                  EXAMINER JENNINGS:
                                      Okay.
2.1
                  MR. THEVENY: Maybe not.
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                  EXAMINER JENNINGS: I will admit that
      into the record in addition to the previous exhibits,
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24
      1 through 6.
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                  (EXHIBITS ADMITTED INTO EVIDENCE.)
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MR. THEVENY: Yeah. I wanted to make
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      sure for the record.
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                  EXAMINER JENNINGS: So far we have 1
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     through 7 admitted into the record.
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                  Exhibit No. 8 was the testimony of Robert
     Hall.
 6
 7
                  MR. THEVENY: No objection.
 8
                  EXAMINER JENNINGS: Exhibit No. 9 was the
     testimony of Carlos Brewer.
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                  MR. THEVENY: No objection.
                  EXAMINER JENNINGS: Exhibit No. 9 was
11
12
     Michele Jeunelot's testimony.
13
                  MR. ALAMI: 10.
                  EXAMINER JENNINGS: Oh, sorry, sorry.
14
     Exhibit No. 11 was the tariff terms and conditions
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16
     that the company presented in Ms. Jeunelot's
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     testimony, I believe.
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                  MR. THEVENY: Right.
                  EXAMINER JENNINGS: And Exhibit 12 was
19
20
     the letter to John Roberts from your firm.
2.1
                  MR. THEVENY: Correct, no objection.
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                  EXAMINER JENNINGS: So AEP Exhibits 1
     through 12 will be admitted into the record.
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24
                  (EXHIBITS ADMITTED INTO EVIDENCE.)
25
                  EXAMINER JENNINGS: And I believe we have
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224 taken care of the stipulation -- Stipulated Exhibits 1 2 1 through 4. 3 MR. ALAMI: We have 4. 4 MR. THEVENY: What were they again? 5 MS. BLEND: The depositions of Gary 6 Parker, David Sullivan, Eugene Campbell, Steven 7 Minosky. MR. THEVENY: Right. Clearly no 8 9 objection, we stipulate to it so. 10 EXAMINER JENNINGS: Okay. So I think that completes the record. 11 12 You have no further witnesses? 13 MR. ALAMI: We have no further witnesses, your Honor. We have a procedural question, I should 14 15 say. 16 EXAMINER JENNINGS: Okay. 17 MR. ALAMI: But we can address that at your convenience. 18 19 EXAMINER JENNINGS: Okay. If there are 20 no other matters, we can deal with that now. 2.1 MR. ALAMI: Your Honor, we just --22 Mr. Theveny, Complainant, has filed on October 17 a quote-unquote hearing brief and, you know, we aren't 23 24 entirely sure what to make of that filing, and from

our perspective it's not part of the record that's

been established here today and it's been established through what we have just gone through and checked yes or no on. So we don't understand -- is the Attorney Examiner expecting a response to that? Is that going to be construed as Complainant's post hearing brief? There was no procedural requirement or deadline to file a hearing brief in the Attorney Examiner's most recent scheduling entry.

2.1

EXAMINER JENNINGS: Yeah. That was not contemplated by the May 17 filing. What was your intent with that?

MR. THEVENY: My intention was to make it of record which, you know, it's certainly important for the Complainant to establish that record so it is filed in the record of the matter. But my intention was to act similar to a trial brief for the position of the Complainant with regard to the evidence and what it shows and, you know, to aide the court in considering the matter in this case, the Attorney Examiner considering the matter.

It's common practice in most
jurisdictions, I guess it's not in the Public
Utilities Commission of Ohio, but I don't see why
it's prejudicial in any way, shape, or form. You are
certainly free to respond to it, and I did see

somewhere in the rule hearing briefs are perhaps contemplated afterwards so I would probably just refile it anyway as a post hearing brief, perhaps add to it now anyway. I would probably incorporate references and look at the transcript here and, you know, make additional comments so I don't have any objection if you want to give a full bore blast to it, which I am sure you would, whatever time you want to do it.

2.1

MR. ALAMI: Well, the problem is, your Honor, that hearing brief quote-unquote that was filed on October 17 relies and contains documents and discusses documents that the Attorney Examiner has ruled here today should be excluded from the record.

So to that extent it would make more sense if -- and this is just a proposal for Complainant to follow the normal procedure and submit a post hearing brief and then that October 17 hearing brief just be, you know -- he can incorporate the same Roman numerals or whatever parts of the document, but to the extent it relies on evidentiary material that has been excluded today, your Honor, the company feels that it's improper to be included in the record.

MR. THEVENY: Can I be heard very

briefly, your Honor?

2.1

EXAMINER JENNINGS: Yes.

MR. THEVENY: I mean, in light of the rulings here today, and I'm not at all telegraphing anything at all, it is of record for purposes of pursuing a further appeal in the matter, if that becomes necessary, it may not, I am not telegraphing, but I have certainly at this point established a record here today as well as to why I do believe -- I expect fully the ruling of your Honor why I believe that evidence should be heard.

So at some point or another I intend to keep it on the record so, I mean, you can strike it because that's within your power to do it, but I don't see the purpose in withdrawing it; and, in fact, even though many of the documents may have been excluded by your Honor, the testimony that now has been elicited has ended up getting the evidence in any way.

So what I would propose to do is simply ask your Honor respectfully to defer -- allow me the opportunity to consider these proceedings here today and to refine that brief, and at that point if you still -- I would reserve the right -- I clearly would say still have the right to ask you to strike that

hearing brief but let me get the opportunity to look at what happened here today to see if I can address it more fully in the context of once I had a chance to digest.

EXAMINER JENNINGS: Well, as counsel indicated, a hearing brief prior to the actual hearing is not common practice at the Commission.

MR. THEVENY: I didn't see any prohibition against it either.

2.1

MR. ALAMI: The prohibition was the scheduling entry that your Honor --

MR. THEVENY: It was silent. It didn't address it one way or the other.

EXAMINER JENNINGS: As far as the record with respect to what's filed in the case and then there is the record that --

MR. THEVENY: No, I understand that.

which the Commission can base its decision and that record it would not be included in so. So for practical purposes it's a nullity, but if the parties wish, we can have briefs in lieu of closing argument, and if you want to use the substance of that hearing brief, that's fine.

MR. THEVENY: It's been a long day. I am

more than happy if you guys --

2.1

MR. ALAMI: Yes.

MR. THEVENY: -- want to make closing arguments by way of briefing, and I can address that with this hearing brief because I think much of what I was attempting to establish got established anyway.

MR. ALAMI: Your Honor, post hearing briefs as well as reply briefs, you know, either -- a 30-day period for post hearing and a 15-day period for reply, that's just our proposal. Obviously we need to look at schedules to confirm.

MR. THEVENY: It's up to the convenience of your Honor, 30 days and we would each get a chance to reply 15 days thereafter, that puts us up to -- your Honor, where does that put us in the holidays?

MS. BLEND: It puts us a couple of weeks before Christmas.

MR. ALAMI: We would be okay with perhaps initially today saying that we would work out the exact dates.

EXAMINER JENNINGS: Yeah. We can work out briefing schedules, put that on the record, and go from there. There are two ways to go about this, pros and cons. One is simultaneous filing of briefs and then simultaneous filing of rebuttal briefs, or

you can file a brief, rebuttal brief, and last word reply.

2.1

MR. THEVENY: I like having the last word. The burden of proof is on me in some ways or on my client so.

MR. ALAMI: Yeah. I mean --

MR. THEVENY: I am happy to go first.

You already kind of know what I am going to say
anyway, I have a few more things, so you have got the
advantage.

MR. ALAMI: We just think that simultaneous initial and simultaneous reply.

proof is clearly on us. I have seen that.

Everything I've read and seen that's the one thing I do fully understand, as the plaintiff anyway in any case, so I would like the opportunity to have the last word.

MR. THEVENY: My only thing is burden of

EXAMINER JENNINGS: You would what?

MR. THEVENY: I would like to have the opportunity to have the last word.

MR. ALAMI: Well, that's the point of simultaneous initial and simultaneous reply is in effect that everyone has the opportunity to have the last word.

EXAMINER JENNINGS: Since there is a 1 conflict I will just resolve it with the ruling. 2 3 will have simultaneous briefs and go from there. 4 MR. ALAMI: Thank you, your Honor. 5 MR. THEVENY: And simultaneous replies? 6 EXAMINER JENNINGS: Yes. We are looking 7 at a time period of 30 days from -- I guess we need to figure out when the transcript will be available. 8 9 MR. THEVENY: Yeah. I need the 10 transcript. MR. ALAMI: So we can clarify one point 11 12 you have now addressed that hearing brief of 13 October 1 is, in fact, a nullity. Is your Honor expecting a reply from the company on that, or would 14 15 your Honor just expect the company to proceed as? EXAMINER JENNINGS: No, no need for a 16 17 reply. 18 MR. THEVENY: Yeah. Just so I'm clear 19 for the record, I understand your Honor's nullity for 20 purposes of ruling you would make based on the 2.1 hearing today, but it is of record. You are not 22 striking it from the record. 23 EXAMINER JENNINGS: No, not from the 24 docketing record. 25 MR. THEVENY: That's what I meant. It's

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not being stricken from the docketing record. It's
 1
 2
      not going to be considered for purposes of today.
 3
                  EXAMINER JENNINGS: Correct.
 4
                  MR. THEVENY: I understand that.
 5
                  THE NOTARY: Two weeks from today for the
 6
      transcript so November 7.
 7
                  MR. THEVENY: For the transcript?
      December 7, I don't know what day of the week that
 8
 9
      is.
10
                  EXAMINER JENNINGS: That's a Thursday.
                  MR. THEVENY: Make it Friday, the 8th?
11
12
                  MR. ALAMI: That's for the transcript.
13
                  MR. THEVENY: December 8, 30 days was a
14
      Thursday.
                  MR. ALAMI: Well, December 8 is a Sunday.
15
16
                  MS. BLEND: Do you want to say
17
      December 6?
18
                  Your Honor, should we go off the record
      to discuss scheduling?
19
20
                  EXAMINER JENNINGS: Pardon?
2.1
                  MS. BLEND: Should we go off the record
      to discuss scheduling?
22
23
                  EXAMINER JENNINGS: Oh, yes.
24
                  (Discussion off the record.)
25
                  EXAMINER JENNINGS: Off the record we
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233
      discussed the filing of post hearing briefs. The
 1
 2
      initial briefs will be due December 6. The reply
      briefs will be due December 20.
 3
                  MR. THEVENY: Will an order follow on
 4
      that or should we note it for ourselves?
 5
                  EXAMINER JENNINGS: Yes. Just make a
 6
      note of that. And, let's see, if there's nothing
 7
 8
      further --
 9
                  MR. ALAMI: No, your Honor.
                  EXAMINER JENNINGS: -- I will consider
10
      this matter submitted on the record. That is all.
11
12
      Thank you.
13
                  (Thereupon, the hearing was concluded at
14
      3:44 \text{ p.m.}
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CERTIFICATE I do hereby certify that the foregoing is a true and correct transcript of the proceedings taken by me in this matter on Thursday, October 24, 2013, and carefully compared with my original stenographic notes. Karen Sue Gibson, Registered Merit Reporter. (KSG-5770)

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in

Case No(s). 12-1750-EL-CSS

Summary: Transcript in the matter of the Federal Insurance Company as Subrogee of Genesis HealthCare System hearing held on 10/24/13 electronically filed by Mrs. Jennifer Duffer on behalf of Armstrong & Okey, Inc. and Gibson, Karen Sue Mrs.