ERRATA

To: Kimberley A. Campbell, Chief Clerk

From: Kim Mitchell, Court Reporter

CC:

Date: November 30, 2020

Re: Duke Energy Progress, LLC

Docket Number E-2, Sub 1219, Volume 11

The purpose of this errata is to provide the stipulated testimony of Stephen G. De May from Docket No. E-7, Sub 1214, Transcript Volume 11 that was omitted from DEP Transcript Volume 11.

Attached stipulated testimony includes the following: page 932, line 9 through page 949, line 9; page 979, line 11 through page 1012, line 17; and page 1019, line 13 through page 1048, line 6.

Steven G. De May Stipulated Testimony from DEC Evidentiary Hearing

Duke Energy Progress, LLC Docket No. E-2, Sub 1219

Q. In that list, you don't mention any responsibility regarding litigation either brought on behalf of the Company or against the Company.

Would you describe your role in any

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Session Date: 9/3/2020

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litigations brought against the Company or when the Company brings litigation against the third party?

A. My role is limited when it comes to litigation, Ms. Townsend. I, of course, am responsible for the performance and issues that arise, and the regulatory incremental affairs, success of our two utilities here in North Carolina. When litigation is entered into or we are receiving litigation, I am made aware of that litigation, generally, when it rises to the level of materiality. And I will be updated on that periodically when there are updates -- material updates to be made. But that would be the extent of it.

If decisions have to be made, either settlement decisions or any other decisions related to the litigation, I will be involved in those discussions.

- Q. Thank you. At the moment, there is litigation -- active litigation going on and/or that has recently been settled; is that correct?
- A. Are you able to rephrase? There's a lot of litigation. Are you speaking with regard to coal ash?
 - Q. Yes, sir.
 - A. Okay. That is correct.

Session Date: 9/3/2020

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| Q. | 0kay. | If I may go through the lawsuits of |
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| which I'm | aware, | and if you could provide us an update |
| or a stati | us repoi | rt on that litigation as best you know |
| l underst | and you | don't know I'm not asking for the |
| weeds. I | 'm just | asking in general what the status of |
| those laws | sui ts ai | re. |

- If you're referring to the litigation where Α. Duke is suing a group of insurance companies -- are you referring to that?
- We will get there, yes. Let me go through the list starting with --
 - Α. 0kay.
- -- the 2013 action that was brought against 0. Duke by DEQ, and that was about unpermitted discharges of wastewater, VSP breach, plus the 2L groundwater exceedances at the DEC plant, correct?
 - Α. I'm not aware of that litigation.
- Q. Okay. I'm sorry, I didn't mean to interrupt. Is that not part of the of 12/31/19 settlement agreement, that action, to your knowledge?
 - Α. I don't know.
- All right. We'll get there. The second lawsuit was brought in February of 2017 by a Dr. Nigel and Donna Beust (phonetic spelling) alleging a lost

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Session Date: 9/3/2020

Page 935

sale of their property and property diminution due to the alleged stigma of the Dan River coal ash spill in February of 2014.

Do you know anything about that litigation?

- A. Not specifically.
- Q. But that was brought to a head, and it was settled, correct?
- A. Ms. Townsend, I'm not familiar with these lawsuits that you're naming.
- Q. Okay. Let me try the next one for you. In February again in 2017, there was a suit brought against DEC by individuals owning property in varied proximity the Dan River plant for private nuisance, trespass, negligence, gross negligence, and willful misconduct, and violations of the North Carolina Oil Pollution and Hazardous Substances Control Act related to the coal ash spill from the Dan River plant.

Are you familiar with that lawsuit?

- A. I am vaguely familiar with that lawsuit because I recall that it occurred, but I don't have any updates for you.
 - Q. Okay. So you don't know if it was settled?
 - A. I don't.

CHAIR MITCHELL: Ms. Townsend, I

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third-party liability insurance policies issued between 1971 and '86 alleging breach of contract for denying coverage related to DCR cleanup and -- at 15 power plants in North Carolina and South Carolina arising out of CAMA, and the federal CCR rule and South Carolina laws seeking recovery of dollars already spent as well as dollars to be spent in the future.

Is that the case that you are referring to?

- Α. Yes, it is.
- Okay. And going on, in August of 2017, there 0. was a class action suit in Wake County by Amy Brown against both DEC and DEP on behalf of property owners living near nine coal ash impoundments at Allen, Asheville, Belews Creek, Buck, Cliffside, Lee, Marshall, Mayo, and Roxboro for groundwater contamination.

Are you familiar with that one?

- No, I'm not. Α.
- All right. And then on December of 2017, Q. SEOC filed a citizen suit on behalf of Appalachian Voices, the North Carolina State Conference of the NAACP, and Stokes County branch of NAACP against DEC alleging violations of the Clean Water Act related to alleged unpermitted discharges to surface water and

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| 1 | groundwater violations as Belews Creek steam station. | | | |
| 2 | Do you know the do you know about that? | | | |
| 3 | A. I vaguely recall that lawsuit because of the | | | |
| 4 | parties involved, but I do not have any update on it. | | | |
| 5 | Q. All right. And just two others. On | | | |
| 6 | December 15, 2017, Cindy Braswell, a plant Allen | | | |
| 7 | neighbor, filed a pro se complaint against DEC for | | | |
| 8 | alleged well contamination on two parcels of that | | | |
| 9 | land of her land. | | | |
| 10 | Do you know anything about that lawsuit? | | | |
| 11 | A. No. | | | |
| 12 | Q. Okay. And last, on April 21, 2019, DEQ | | | |
| 13 | ordered Duke Energy to excavate coal ash at six | | | |
| 14 | remaining sites in North Carolina. That was Allen, | | | |
| 15 | Belews Creek, Cliffside, Marshall, Mayo, and Roxboro. | | | |
| 16 | Duke Energy filed petitions for contested cases in the | | | |
| 17 | Office of Administrative Hearings to appeal that order. | | | |
| 18 | You are familiar with that action, correct? | | | |
| 19 | A. Yes. | | | |
| 20 | Q. All right. We mentioned the insurance | | | |
| 21 | lawsuit brought by Duke against of its | | | |
| 22 | insurance carriers correct? | | | |

A. Yes.

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All right. Now, if I may refer to AGO Cross Q.

insurance companies. Each of the policies provides coverage for liability for property damage caused by an occurrence.

Paragraph 2:

"In particular, Duke seeks damages for breach of contract and an order declaring the present and future rights, duties, and liabilities of the parties under the policies and directing the defendant insurers to identify -- indemnify Duke for damages suffered by Duke for certain environmental claims, known as the environmental claims, asserted against Duke arising out of coal combustion residuals, CCRs, at 14 Duke power plants in North Carolina and one Duke power plant in South Carolina."

- Q. Thank you, sir. The only power plant not included was the W.S. Lee plant in South Carolina; is that correct? Is that your memory?
 - A. Not included in what?
 - Q. In the complaint asking for relief.
 - A. Yes, I believe that may be true.
- Q. Thank you. The complaint provides some background on the environmental claims starting on page 9 of the document. In paragraph 40 -- are you there?

Session Date: 9/3/2020

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Q. All right. Paragraph 40 explains that power plants generating electricity through the combustion of coal create a number of waste byproducts, one of which is CCR or coal combustion residual, or more simply coal ash, yes?

- A. Yes.
- Q. All right. Would you please read for the record how the Company's complaint described coal ash in paragraph 40? It's on page 10 if you want to start with the words "coal ash," second sentence.
- A. Are you asking me to read to the end of that paragraph?
 - Q. Yes, please.
- A. "Coal ash contains various heavy metals and potentially hazardous constituents including arsenic, barium, cadmium, chromium, lead, manganese, mercury, nitrates, sulfates, selenium, and thallium. Coal ash has not been defined, itself, as a hazardous substance or hazardous waste under federal law, although some constituents of coal ash may be hazardous in sufficient quantities or concentrations."
- Q. Thank you, Mr. De May. And if you would, turn to paragraph 44 on page 11.

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Session Date: 9/3/2020

Page 942

- A. Okay. I'm there.
- Q. All right. It says:

"It's alleged, without regard to historical awareness of harm, that coal ash constituents from coal ash basins and other areas have been infiltrating into groundwater over a long period of time. State environmental regulators have alleged there have been environmental impacts or potential impacts to groundwater beneath each of Duke's North Carolina and South Carolina coal-fired power plants that are part of this claim."

Have I read that correctly?

- A. Yes, you did.
- Q. All right. And if we could move to paragraph 22 of the complaint, which is on -- I mean 52 of the complaint, which is on page 14.
 - A. I'm there.
- Q. All right. Starting with paragraph 52, it provides that the North Carolina power plants in which Duke faces liability on account of alleged environmental property damage allegedly caused by CRR are as follows, correct?
- A. Yes.
 - Q. All right. And then they list Allen,

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Asheville, Belews Creek, Cape Fear, Rogers, Dan River,

- H.F. Lee, Marshall, Mayo, River Bend, Roxboro, L.V.
- 3 Sutton, Weatherspoon, and H.B. Robinson in
- 4 South Carolina, correct?
 - A. Yes.
 - Q. All right. For each power plant listed, one of the paragraphs -- like paragraph 55 states that Duke has incurred substantial cost on account of its liability for alleged CCR-related environmental property damage arising out of impoundments and/or other areas at the Allen plant for which Duke makes a claim under the policies issued to Duke Power. Duke is incurring substantial additional cost on an ongoing basis and will continue to incur substantial additional cost in the future, correct?
 - A. You read that correctly.
 - Q. Thank you. Do you know what the current status of this insurance litigation is, Mr. De May?
 - A. I do. They are in various phases of discovery. I understand that that will conclude this year. Hearings will begin in 2020 -- 2020, and a trial is expected in the beginning of 2021.
 - Q. Thank you. Have -- there have been some settlements, but those are confidential, correct?

I'm going to try and pull the -- to correct

my audio. Just give me one minute, please.

Α.

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Page 946

lawsuits or disputes that we talked about earlier, correct?

A. Yes.

- Q. Okay. If we look at paragraph 9 -- I'm sorry, 5 on page 2, it talks about the litigation that is involved in this settlement, and that's quite a list. I believe that entails most of the ones that we talked about, correct?
 - A. I will accept that, yes.
- Q. Thank you. It looks like it was the two-state law enforcement actions brought by DEQ. In fact, they talk about it in 6. It says it desires to resolve and settle any disputes between them in connection with the OAH proceedings. And that would be those 4/1/19 closure determinations, correct?
 - A. It would, yes.
- Q. All right. The state enforcement action, those would be the ones brought in 2013 and thereafter. The Federal Clean Water Act (sound failure). And then there are evidently some --

(Reporter interruption due to sound failure.)

Q. So just go back to paragraph 6, we dealt with the fact that they were the OAH proceedings, the state

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Page 947

Session Date: 9/3/2020

enforcement actions, the Federal Clean Water Act lawsuit, and PJRs, which are petitions for judicial review.

In order to ensure that the impoundments are excavated on an expedited basis and to remove the uncertainty associated with litigation; is that what the paragraph tells us?

- A. Yes, I see that.
- Q. All right. And then on paragraph 7, this talks about the actual impoundments at the facilities regulated under CAMA. And it deals with -- A says it's about Allen, and it says Allen has two CCR impoundments, a retired ash basin, and an active ash basin, and that it's approximately 123 acres, correct?
 - A. That's what it says, yes.
- Q. All right. And then B was the Belews Creek steam station, C is the Cliffside steam station, and D is the Marshall steam station, correct?
 - A. Yes.
- Q. And then we have E and F being the Mayo and the Roxboro, correct?
 - A. That's correct.
 - Q. DEP, correct?
 - A. Correct.

Session Date: 9/3/2020

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All right. And if we'll go to paragraph 50, Q.

this is on page 24, it states that DEQ is the only state entity that is bound by this agreement and

consent order, correct?

- Α. Yes.
- Q. All right. And if you go to paragraph 53, it has some stipulations -- I'm sorry, it's on page 25. Are you there?
 - Α. I am.
- 0. All right. It talks about stipulations between only the parties to this agreement regarding their rate recovery proceedings, correct?
 - Α. Yes.
- All right. And it says on page 26, under the 0. first full sentence:

"For example, and without limitation, the agreement in this subparagraph does not extend nor shall it be construed to apply to the issues of; one, whether Duke Energy acted prudently and reasonably in the past; or two, whether Duke Energy prudently and reasonably performs its obligations under this agreement."

Is that correct?

It does say that. But it is saying that, if Α.

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CROSS EXAMINATION BY MR. PAGE:

- Q. In any event, let me address the panel for just a second. Mr. Hatcher, I'm sorry to tell you, I don't have any questions for you this morning.
- A. (Larry E. Hatcher) That's okay. That's certainly fine, thank you.
- Q. And, Mr. De May, some of the questions that I had intended to ask you have already been covered by the Attorney General, so I'm not going to go over that again. But I do have a couple of lines of questions that I wanted to ask you, that I understand you have another witnesses to testify in these areas, but the questions that I have are not, kind of, down-in-the-weeds-type questions or very high granular

questions, they're broad-overview types of questions.

But if I should have to ask you something where you don't know the answer, you can just simply say, "I'm sorry, I don't know," and I will accept that; is that okay with you this morning?

- A. (Stephen G. De May) Sounds good. Thank you.
- Q. All right. Would I be correct in saying,
 Mr. De May, that, other than directives that come down
 to you from the parent corporation, Duke Energy, as
 president, you are pretty well where the buck stops for
 Duke Energy Carolinas in North and South Carolina?
- A. Yes, I would agree with the way you worded that.
- Q. And as you discussed with Ms. Townsend -- my first series of questions have to do with coal ash.

So you discussed with Ms. Townsend, did you not, Duke's present engagement in what is a somewhat extensive and somewhat expensive process and program for cleaning up the remaining coal ash ponds and repositories; is that correct?

- A. Well, I wouldn't call it much of a discussion. We talked about the numerous lawsuits that are pending related to that matter.
 - Q. All right. Then would you agree with the

Session Date: 9/3/2020

statement I just made, that, currently, Duke is engaged, as a result of litigation and settlements and that sort of thing, in a fairly complex and expensive program to clean up those coal ash basins?

- A. Yes. We are undertaking the kind of program you just described, but it's to comply with federal, state -- federal and state requirements. We are also operating under a settlement agreement with DEQ and the Southern Environmental Law Center.
- Q. And that's the 2019 settlement that you and Ms. Townsend did talk about a little bit?
 - A. Yes.
- Q. And so your settlement with DEQ, would I be correct in saying that, among other things, DEQ was following the mandates of the North Carolina Coal Ash Management Act?
- A. In what regard are you asking whether they were following?
- Q. Well, as a state regulatory agency, they've got to have statutory authority to do what they do --
- A. They did have statutory -- yes, thank you. They do have statutory authority, and they have great discretion, actually, as the environmental regulator, both as a regulator, but also by virtue what the

Session Date: 9/3/2020

statute gave them.

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Q. And that agreement, the 2019 agreement, is what is driving the timing of the cleanup of the remaining basins, and to a certain extent the cost of the cleanup; is that correct?

A. I would say that some of the timing, certainly, a large degree of the costs were determined by CAMA and the federal CCR rules. I would say that there were a number of coal ash basins that were previously classified as low risk that DEQ have discretion on. They exercised their discretion and issued an order on April 1st directing the -- of 2019, directing the Company to fully excavate all those remaining basins.

And the settlement is the result of a collaborative process between the Company and the DEQ and other parties to arrive at a -- what I would say, a more middling position.

Q. It was the DEQ action in requiring the cleanup of even the low-risk basins, which, if my memory serves correctly, increased the estimated cost of cleanup from somewhere in or around the \$5 billion area to somewhere in or around the 8- to \$9 billion area; is that -- do you recall the same thing?

Session Date: 9/3/2020

A. Yeah. Although, you know, my numbers are a little different. It took the figure to about \$10 billion, their full excavation order. The settlement actually reduced that total estimated cost by about a billion and a half dollars. The settlement, in our opinion, brought benefits for our customers to the tune of about a billion and a half dollars.

- Q. Thank you for that clarification.

 Duke Energy Carolinas operates in both

 North and South Carolina; do they not?
 - A. We do.
- Q. To your knowledge, does South Carolina have any sort of statute that is functionally the equivalent to the North Carolina Coal Ash Management Act?
- A. South Carolina is effectively conforming, at this point in time, with the federal CCR rules; and so we operate as one system, as you know, across borders, and the generation system is not separated by a border, it is a shared system. And so South Carolina does have coal ash remediation costs in its current rates for the North Carolina facilities. So they are covering their CRR -- federal CRR costs.
- Q. In your last general rate case in South Carolina, would I be correct in saying that the

Session Date: 9/3/2020

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South Carolina Public Service Commission stated, among other things with regard to coal ash cleanup, that it simply did not consider itself bound by the North Carolina Coal Ash Management Act?

- To the extent that the Coal Ash Management Act did require a mitigation plan that resulted in a higher cost, South Carolina did say that; that's We are currently appealing that. correct.
- 0. And as a result of their making that decision, they -- they basically disallowed some of the coal ash cleanup costs that you had asked to be able to collect from South Carolina consumers; is that correct?
- Α. That is correct. Again, the subject of ongoing challenge.
 - 0. I understand that that is under appeal.

Do you know whether or not there is anything approximately equivalent or similar to the North Carolina Coal Ash Management Act that impacts Duke's operations in Florida?

- Α. Are you asking if Florida has a CAMA equi val ent?
 - 0. Yes.
 - Α. I do not believe they do.
 - Q. How about the same question as to Duke's

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Page 985

Session Date: 9/3/2020

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- Α. Well, I see where you're going with this. don't believe there is legislation like CAMA in the other states that we are operating in. That is not -that is my understanding. However, each state is dealing with compliance with the CCR rules in their own individual way.
- 0. All right. So this is really my last question on this particular point.

So the same -- your answer would be the same if I were to ask you about Indiana and Kentucky?

- Α. Yes.
- All right. Well, let's leave coal ash in the 0. rearview mirror, then, and move on to another topic.

I am correct in saying, am I not, that Duke serves a number of industrial and manufacturing customers in North Carolina?

- Α. Yes, you are.
- 0. Are those customers and their loads important to Duke's operations and finances in North Carolina?
- Α. Of course they are. The -- in the Carolinas, the commercial and industrial sector is -- or the industrial sector is about a third of our load.
 - Q. Can you list any other reasons why these

Session Date: 9/3/2020

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types of high-load-factor customers are important to Duke's operations? For example, don't customers like

that buy an awful lot of energy from Duke and a lot of

it off peak?

Well, yes. And I would say, among the reasons our industrial customers are important to us is they are efficient users of power; and they are, of course, a really great source of economic development for our state, which is -- you know, has those kind of follow-on impacts for the electric utility that serves this state.

- 0. And they don't usually fail to pay their bills or pay those bills late; would that be a true statement?
- It's not 100 percent true, but it is generally true.
- 0. All right. And those industrial and manufacturing customers provide relatively good-paying jobs which help to support laundries, and grocery stores, and automobile dealers, and other service industries; do they not?
- They do. And Duke is quite active in helping Α. attract more industrial customers to the state.
 - Q. As opposed to, say, 20 years ago, 2000, does

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Duke have more or fewer manufacturing and industrial customers than it did 20 years ago?

- A. I don't know the answer as terms -- in terms of numbers of customers, but I imagine our entire system has grown significantly. And I imagine the industrial load has grown significantly as well. In terms of numbers of customers, I can't say.
- Q. All right. Do you know how Duke's sales to manufacturing and industrial customers today compares to the level of such sales 20 years ago?
 - A. Not in any, you know, specific sense, no.
- Q. All right. Were you the Duke president at the time of the last Duke general rate case about two years ago?
 - A. I was not.
 - Q. Did you participate in that rate case?
- A. I did, as a witness for treasury-related issues, cost of capital, credit quality, et cetera.

CHAIR MITCHELL: Mr. Page, I apologize.

I have to interrupt you. I need to inquire as to whether Commissioner Clodfelter is still on the line. I no longer see him.

Commissioner Clodfelter, are you on the

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COMMISSIONER CLODFELTER: Yes, I am.

2 Sorry, I forgot to turn the video back on after the 3 break, but I'm here and have been here consistently si nce 10:30.

> CHAIR MITCHELL: Okay. Thank you, sir. Mr. Page, I apologize, you may proceed.

> MR. PAGE: That's quite all right, Chairman Mitchell. Commissioner Clodfelter, I see that your blinds haven't gotten any younger than they were earlier this morning.

> > COMMISSIONER CLODFELTER: They have not.

- So, Mr. De May, again, the question for you Q. is, do you know whether or not Duke's sales to manufacturing and industrial customers are more or less in 2020 than they were in 2000?
- Α. And my answer is I don't have those statistics; but I would guess that it is higher than it was in 20 -- than it was.
- Do you recall, in the last rate case, reading Mr. O'Donnell's testimony?
 - Α. From the 2017 rate case?
 - Yes, sir. 0.
- I recall having read it, but I don't recall Α. what I read.

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Session Date: 9/3/2020

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Q. Would you accept, subject to check, that he presented evidence showing that, in the 20-year period from 2000 or 1997 to 2017, Duke had lost an awful lot of its industrial and manufacturing load? Would you accept that subject to check?

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A. Yes.

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Q. Have you had a chance to review Mr. O'Donnell's testimony in this case?

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A. I did.

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Q. And he offers some evidence, does he not, tending to show that recently the trend of Duke's retail rates has been to move closer to the regional and national averages than it was, say, five years ago?

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A. I will accept that he said that, if that's your question.

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Q. Yes. Do you have any reason to disagree with that conclusion?

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A. Well, I don't know whether to agree or disagree with the conclusion. I'll agree that he said it. I don't have those specific facts available to me.

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Q. Will you agree that --

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A. I would just say, sometimes when people see us increasing rates, they assume that the average is staying stag, but that other companies, utility

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Session Date: 9/3/2020

Page 990

companies, are not increasing their rates, which isn't true.

- Q. All right. Did you review the tables and charts that Mr. O'Donnell included in his testimony to illustrate that point?
- A. I reviewed Mr. O'Donnell's testimony at a cursory level, but I did look at it; and I have not committed those tables or the information you're describing to memory.
- Q. All right, sir. Will you agree that the types of customers we're talking about, the high-load-factor manufacturing and industrial customers, that they operate in a highly competitive environment compared to the regulatory environment in which Duke operates?
- A. That's comparing an apple and an orange.

 They are in competitive businesses, and Duke Energy is a regulated utility. Two different things.
 - Q. Yeah. I wasn't trying to --
- A. But I would agree they operate in competitive environments.
- Q. Thank you, sir. Since they operate in a competitive environment, would you agree that manufacturers are always looking for ways to put their

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production in the areas where their costs of production are the lowest?

- Α. Well, there are a lot of reasons that go into the siting of a facility, and I think their location to their markets is one. You know, maybe of proximity to commodities that are used in and their processes and so I agree that their cost structure is very on. important, and an industry that uses a lot of electric power does look for -- to that index when they decide where to settle.
- Q. Yeah. If I misled you with the question, I apologize. I didn't mean to imply that manufacturers base decisions solely on the cost of electricity, but --
 - Α. You didn't.
 - 0. Okay. I'm glad that I didn't.

Let's say that you have a hypothetical manufacturing customer in North Carolina which either shuts down operations in North Carolina or reduces its level of production in North Carolina. Would that have a positive or negative impact on Duke's earnings and fi nances?

Of course it would have a negative impact if Α. we lost any of our industrial.

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Q. All right. To an extent, Duke can offset such a hypothetical customer's variable revenues against the variable costs that they impose, but what about the fixed costs; what happens to them if that hypothetical customer goes away or ceases production?

- A. I didn't follow the question. Do you mind repeating it?
 - O. Don't mind a bit.

Each of the industrial and manufacturing customers that you have imposes both fixed and variable costs on Duke's system; is that correct?

- A. All customers do.
- Q. All right. So I'm not interested here in following the variable costs, I'm interested in following the fixed costs. If a customer on whom Duke has relied through the rate-setting process to pay certain fixed costs goes away, then those fixed costs don't go away, do they?
 - A. No, they don't.
- Q. And those fixed costs are ultimately going to have to find a place to land so that, in fact, they are recovered by Duke, will they not?
 - A. That's correct.
 - Q. And in the hypothetical we're discussing,

Session Date: 9/3/2020

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- Q. Mr. De May, you've testified that the Company took a fresh look at the viability of several of its coal fired plants; is that right?
 - A. At the viability of our coal plants?
- Q. Yeah. I'm looking at page 7 of your direct, line 15.
 - A. All right.

(Witness peruses document.)

I see it.

- Q. Can you let me know, which of the plants did the Company give that fresh look?
- A. Well, we are evaluating our fleet continuously. Witness Steve Immel, who is in this part of our Company, will be taking the stand in the not-too-distant future, and he can definitely give you some details around which part of the fleet, you know, measures up against what metrics. But I will tell you that we are consistently and continuously evaluating our fleet for efficiency, for economic effectiveness, and what place it plays in the portfolio both in the near term and the long term.
- Q. Okay. So just to be to be clear about your testimony here, when you mentioned that the Company has taken a fresh look, are you referring to that ongoing

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Session Date: 9/3/2020

evaluation of the fleet, or are you referring to something else?

A. I'm referring to the ongoing look.

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Q. Okay. Great. I have a number of questions about this. They might be better suited for witness Immel, so I'm going to go ahead and ask a couple, but you can push them to him if that will be more

- A. And I will try, and it may not be Steve in every case.
- Q. Okay. So if you could just -- you mentioned this -- the ongoing look which included an evaluation of the economic viability of coal units.

Could you describe that in a little bit more detail?

A. You know, probably not in the detail that you're looking for. But you may know that we recently filed on September 1st, just a couple of days ago, a new IRP for both DEC and DEP. In advance of that, we did any evaluation of our coal fleet. And we do that routinely, so it's not the first time we've ever done such a look. But we recently did, or took that fresh look at the place that they serve in our generation portfolio. So I don't have details on the operational

Session Date: 9/3/2020

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results of that review.

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I can tell you, though, between their economic effectiveness and efficiency as a generating source is declining, climate policies, both at the state level and our own climate policies as a Company, are also pushing this fleet to an earlier retirement than we believed even just a couple of years ago.

- 0. Thank you. So just to be crystal clear on this, the fresh look at the viability that's mentioned in your direct, there are you also referring to the analysis that the Company connected per the Commission's 2018 IRP order calling for a more robust look at coal-fired unit economics?
- You know, the words in my testimony are really just referring to an ongoing review of our portfolio; and we have taken fresh looks at that. And if we're having this conversation a year from now, we will probably have another fresh look at it. So I'm really just referring to something that's ongoing.

And the state of play, the place that those assets serve in our portfolio is shifting for the reasons I described. There are economic reasons they are shifting, and there are climate and clean energy goals as reasons why they are shifting.

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Q. Thanks. When the Company identifies 0kay. capital expenditures that it needs to conduct at a plant, whether to comply with a regulatory requirement or just to keep an older plant up and running, how does it decide whether those capital expenditures are a reasonable choice to make?

Well, generally, we evaluate options. Α. the investments that we've made in our coal fleet since the last rate case are a good case study for the question you're asking. We made investments in that fleet because those investments -- because we need those assets to be available to serve load. Those assets, in order to be available, have requirements, regulatory requirements placed upon them that we have to meet to be able to run them.

And so we look at alternatives. Before we make an investment, we look at alternatives, and nobody has suggested that we -- there was a lower-cost alternative to replace that generation. And so we do that analysis routinely. It's just part of what we do in decision-making at the Company. And those were made because they were the least-costly option for maintaining that generating capacity.

Q. And maybe we could just talk about one 0kay.

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Session Date: 9/3/2020

Page 998

plant as an example of what you've just described. I'm thinking of the Allen plant. And I believe, in the Company's application in this case, the Company has requested recovery of costs somewhere in the ballpark of \$100 million for upgrades at the Allen plant.

Does that sound about right?

- A. I will accept that.
- Q. Okay. And would you also accept, subject to check, and ballpark for sure is fine, that a large part of those costs were incurred to convert the bottom ash handling system from wet handling to dry handling, maybe about \$70 million?
 - A. Specifically in the case of Allen?
 - Q. Correct.
 - A. Okay. I don't know that.
- 16 Q. Okay.
 - A. You know, subject to check, I think that's fine.
 - Q. Sure. Okay.
 - A. I would suggest that those investments were made to keep out the Allen plant running because we needed it.
 - Q. Okay. And the Company is required to close units 1, 2, and 3 at the Allen plant by 2024 per court

Page 999

Session Date: 9/3/2020

order; is that right?

- A. I don't know. Steven can tell you that.
- Q. Okay. You mentioned the 2020 integrated resource plan that was filed earlier this week. I believe that indicated that the most economic retirement year for Allen units 2, 3, and 4 was 2022; does that sound right?
- A. So I'm not sure if it's 2 and 3 or 2, 3, and 4. So I don't know. But we did move two units up to the end of -- or to 2022, and the other units are still, I think, 2024. And that's for really voltage support and giving us time to replace them.
- Q. Okay. And would you accept, subject to check, that on page 175 of the 2020 IRP, it was indicated that Allen units 2, 3, and 4 could be retired by 2022 without any additional transmission or any additional generation being built?
 - A. Yes.
- Q. Okay. And you mentioned the other units there, units 1 and 5, I believe the new most economic retirement year indicated in the IRP is now 2024 for those units. In prior IRPs I think unit 5 had a 2028 retirement date; does that sound about right?
 - A. That's right. And you have the unit numbers

Page 1000

1 correct, thank you.

- Q. Okay. Of course. So is it the Company's position, then, that the investment in upgrades that will only be utilized at Allen units 2, 3, and 4 for five years at most is prudent?
- A. I'm saying that we needed those units. We continue to need those units. We did not have a less-costly way of replacing that generation, and we will continue to make that kind of analysis on this fleet. I would also point out Public Staff, who takes a great interest in the same questions you're asking, has recommended -- recommended no disallowance on these coal investments.
- Q. So I guess my question may be a little bit different. For the -- in particular, let's talk about this -- the conversion of bottom ash handling from wet to dry.

The Company undertook that in compliance with CAMA: is that correct?

- A. I know that it took those steps in compliance with, whether it's CAMA or CCR.
- Q. Okay. And is it your understanding that CAMA allows for variances in any of its deadlines?
 - A. I don't know those kind of details.

Session Date: 9/3/2020

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Q. Okay.

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A. Suggestion is we had an alternative; and I'm proposing to you that we chose the best alternatives in making the investments we made. And Steven Immel can definitely give you more details on the question you just asked.

Q. Okay. Great. And just to close out that run of questioning, and maybe this is for Mr. Immel.

Do you know if the Company attempted to seek a variance from any of the CAMA deadlines with respect to the Allen plant?

- A. Steven.
- Q. Okay. Switching gears a little bit. In support of its application in this case, the only direct testimony relating to coal ash cleanup activities was that of Jessica Bednarcik; is that correct?
- A. She is our coal ash compliance witness, correct.
- Q. Okay. And Ms. Bednarcik's direct testimony didn't present any information regarding the Company's waste management policies, decision-making, or operating practices prior to 2014, did it?
 - A. How much prior to 2014? Do you mean anytime

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| 1 | prior to 2014? |
| 2 | Q. Anytime. |
| 3 | A. If you are saying that, then I will accept |
| 4 | that. |
| 5 | Q. Okay. Subject to check. I didn't see any |
| 6 | mention of that in her direct. |
| 7 | A. Okay. I don't know if there is. |
| 8 | Q. Okay. And, Mr. De May, when you were |
| 9 | speaking earlier this morning with Mr. Page, you |
| 10 | mentioned that you had participated in the Company's |
| 11 | prior rate case; is that right? |
| 12 | A. Yes. |
| 13 | Q. Okay. So are you familiar with the testimony |
| 14 | of Jon Kerin in that case? |
| 15 | A. I don't I read some of Jon Kerin's |
| 16 | testimony in the order, itself, but I don't recall |
| 17 | hearing his testimony live. |
| 18 | Q. Okay. But is it right to say that you are |

- Q. Okay. But is it right to say that you are aware that Mr. Kerin was the Company's primary witness for coal ash issues in that case?
 - A. Yes.

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- Q. Okay. And is Jon Kerin still the vice president of coal combustion products for the Company?
 - A. I don't know.

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Session Date: 9/3/2020

Page 1003

- Okay. Who might know the answer to that? Q.
 - Α. Well, I'm certain he's not, because I knew the head of coal combustion products until he moved to a different job just recently.
 - 0. Okay.
 - (Larry E. Hatcher) So this is Larry. I can Α. answer that. He's not currently in that role, and Jessica is in that role.
 - 0. Oh, thank you so much. And does -- and, Larry, if you know this better, please jump in, but the question was for Mr. De May, so I'll put it to him first.

Does Ms. Bednarcik have more firsthand knowledge about the Company's coal ash management practices than Mr. Kerin had?

- Α. (Stephen G. De May) I think that's a question you should ask the Jessica Bednarcik.
- Q. Does the Company consider its pre-2014 0kay. actions with respect to coal ash management relevant to this application?
- Α. Not especially. And, you know, the pre-2014 actions were litigated, I think, quite significantly in the last rate case. Part of the order of the Commission on this matter said as much, that they dealt

with issues like management penalty and moving forward. The question was, are your expenditures going forward prudent; and when a determination of prudency is made, then we will be able to recover our costs. So that would be my answer to that question.

- Q. Okay. And subject to check, would you agree with me that Mr. Kerin's direct testimony in the prior rate case, Docket, E-7, Sub 1146, included conclusions about the Company's pre-2014 actions with respect to coal ash management?
 - A. Are you going to be more specific or just --
- Q. Sure. Yeah. I can -- I didn't have the testimony handy for you, but subject to check I'll just read you one line. This is page 12 of John Kerin's direct, lines 14:

"At each step of the environmental regulatory evolution process, DE Carolinas was in line with industry standards, and reasonably and prudently managed CCRs and coal ash basins."

- A. I remember that line. Your question is? I'm sorry.
- Q. Just the question is, so in the prior case, the Company did put forth direct testimony regarding conclusions about the Company's position on whether it

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Session Date: 9/3/2020

Page 1005

had handled coal ash reasonably in the past.

- A. Yes. Because that question was relevant in that case.
 - Q. Okay.
- A. You asked me if I thought it was relevant in this one, and I'm saying no.
- Q. Okay. So -- but isn't it true that some of the rebuttal testimony in this case gets at the Company's conclusions on pre-2014 coal ash management?
- A. You asked me what the Company's position is. You asked me what my position was. And my position is those issues are not as relevant in this case as they were in 2018 or 2017.
- Q. Okay. Similar question, but just to put a little bit of a finer point on it.

Does the Company consider the history of design, construction, operation, maintenance of its coal ash ponds relevant to the question of whether the costs for which it now seeks recovery could have been lower had the Company acted differently in the past?

MR. ROBINSON: Chair Mitchell, if I may,

I may object. That calls for a legal conclusion.

CHAIR MITCHELL: All right. Ms. Lee,

what's your response?

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MS. LEE: If Mr. De May has a -- he's just spoken to the Company's position with respect to the relevance of conclusions, so this is along the same lines, if he's able to answer.

CHAIR MITCHELL: All right. I'll allow the question, recognizing that the witness is not an attorney.

THE WITNESS: Would you repeat the question, Ms. Lee?

- Of course. Does the Company consider the history of design, construction, operation, and maintenance of its coal ash ponds relevant to the question of whether the costs for which it now seeks recovery could have been lower had the Company acted differently in the past?
- Α. Well, I will say -- and it might even have been Mr. Kerin who said it first -- that it's the Company's position that no decision, action, or lack of action historically on the management of our coal ash basins is causing any unjustified cost today. And so I don't know if that answers your question of relevance, but I feel like our past actions, how we got from the very first coal ash basin to the coal ash management enacted CCR were dealt with from the last rate case.

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And there are residual and lingering issues, and things like the litigation with insurance companies and so on; but in terms of the regulatory questions that are in play in this rate case, we believe it's whether or not the expenditures we have made are prudent, whether we are effectively and responsibly closing the ash basins in compliance with the state, federal and -- state and federal law, but I would also say in compliance with direction from the environmental regul ator.

And so the question is, are we doing that and are we doing that well. That's a legitimate question. And there may be people who think not all of our costs are legitimate. That is not our position. I would say that there is also a matter of cost recovery that has just been evident in all of the testimony so far. But I think those are the issues at stake here.

Q. Thank you for that answer. 0kay.

Mr. De May, would you agree with me that, when the Company elects to file an application requesting a rate increase, the burden of proof rests with the Company alone?

MR. ROBINSON: Chair Mitchell, I object That calls for a legal conclusion as well. agai n.

Session Date: 9/3/2020

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CHAIR MITCHELL: I'll allow the

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is not an attorney, but I'll allow the question to

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I recognize -- we recognize Mr. De May stand.

THE WITNESS: The burden of proof for prudency is ours. However, if a party challenges that assertion of prudency, that party needs to establish it in no uncertain terms in a quantifiable way. And then we must rebut that, effectively, in order to ultimately prevail in a prudency decision. But I think the initial burden of proof, and I guess ultimate burden of proof, is ours.

0. Okay. And for that initial burden of proof for the evidence necessary to substantiate the Company's prima facie case, you would agree with me that it's not required of either the Commission, or the Public Staff, or any intervening parties to fill in the gaps of lacking evidence, and that that does rest with the Company?

MR. ROBINSON: Chair Mitchell, I'm just going to continue my objection.

THE WITNESS: Yeah. On that, I don't have an answer.

Session Date: 9/3/2020

Q. 0kay.

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- Α. Subject to Legal.
- Sure. 0.

CHAIR MITCHELL: For purposes of the record, let me rule on Mr. Robinson's objection. I'm going to overrule it. Ms. Lee, please ask the question one more time, and I will ask the witness to respond.

MS. LEE: Thank you, Chair Mitchell.

- Q. Mr. De May, would you agree with me that it is not required of, nor would it be appropriate for the Commission, the Public Staff, or any intervening parties to fill in the gaps of any lacking evidence which may be necessary to substantiate the Company's prima facie case?
- Α. I don't know the answer to your question, because if there is no such evidence, or evidence doesn't exist, or -- you know, I just don't know. sorry.
- 0. No problem. I believe you mentioned Okay. earlier, perhaps when you were talking with Mr. Page, that you had read the Commission's orders in the prior rate cases: is that correct?
 - Α. (No audible response.)

Session Date: 9/3/2020

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| Q. | 0kay. | Are | you | familiar | wi th | certai n |
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| commissic | ners | | | | | |

(Reporter interruption due to no audible response.)

THE WITNESS: Yes, I'm sorry. I think I was on mute. Yes was my answer.

- Q. Thank you. And are you familiar with certain Commissioners' dissents in those cases calling into question the sufficiently of the evidence introduced by the Company at those hearings regarding the reasonableness and prudence of the Company's coal ash expenses or the proper ratemaking treatment for those expenses?
 - A. I am aware of that, yes.
- Q. Okay. And just finally, would you consider the Company's evidentiary presentation in those cases satisfactory?

MR. ROBINSON: Chair Mitchell, I would just ask for a continuing objection to this line of questioning, please.

CHAIR MITCHELL: And the objection is overruled. The question may stand. Mr. De May, you may answer.

THE WITNESS: I do think it was

satisfactory and reasonable in a Commission decision.

Q. Okay. And final question. I'm just looking at your rebuttal testimony on page 5, line 14. You mentioned that there is never a good time for a rate increase.

Mr. De May, do you think that during the middle of a global pandemic and a national recession a rate increase is appropriate?

A. Well, I will answer that question in this way. I do think rate increases are hard anytime, and there are a significant number of our customers who struggle with their bills today. We only come in for a rate increase when rates no longer reflect the costs and the investments that we have incurred that benefit our customers.

And we have done a lot in this rate case to mitigate the impact on our customers, especially those who are hardest hit. And we started off this rate case with our initial filing. Net of EDIT -- net of a return of EDIT that we had proposed, at a 6 percent customer rate, retail average rate increase, and under the terms of the settlement, making certain assumptions around coal ash, et cetera, the rate increase is

Session Date: 9/3/2020

2.1 percent.

So, you know, we have done a lot of things to mitigate the impact for customers. You may have read just recently that, because of a -- kind of an innovative approach to our fuel filing, we rolled forward the period of time for the fuel cost adjustment in DEC from year end 2019 to the end of the first quarter; and we were able to deliver an average retail rate decrease of more than 2.1 percent. And so we are doing things -- and I can go into the whole COVID thing of what we've done for our customers. We recognize rate increases are hard, especially for a certain segment of our customer base; but we have to reflect the investments we've made in rates, and we have to be able to achieve our targeted rate of return.

Q. Thank you, Mr. De May, for your time. I have no more questions.

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Customers regarding the Company's rate case in the

context of the current pandemic?

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Q. And, Mr. De May, I know you gave some of the things that the Company has done when it filed its case.

Do you recall, Mr. De May, when the Company actually filed these rate cases?

- Α. The DEC rate case was filed almost a year ago, September 30th of 2019.
- And -- thank you. And do you recall what the Q. test year was, Mr. De May?
 - Α. 2018.
- Mr. De May, so the majority of the costs that Q. are included in this case is reflected in cost of When did they actually occur? servi ce.
 - Α. In 2018.
 - 0. But --
- Α. Perhaps I didn't understand your question. I'm sorry.
 - No, you answered the question, Mr. De May. Q.
 - Α. 0kay.
- Q. Okay. Mr. De May, since the Company postponed its rate case, can you describe some of the additional steps the Company has taken to try to mitigate the rate increase for customers?

A. Well, I think we -- to start, we have entered into some very constructive settlement agreements. In particular, the agreement with Public Staff that culminated in May. 9.6 percent ROE, a return of excess deferred income taxes over the five-year period of time are examples of some mitigation -- mitigations towards the rate increase for our customers.

In the intervening time between when this rate case was filed and today, of course, we've been dealing with the COVID situation. And we have really done a lot of great things for our customers in that regard. I acknowledge that that's not part and parcel of this rate case, but it is at least an illustration of the Company's ongoing efforts to help our customers when we can.

Q. Thank you, Mr. De May. One other line of questions.

So do you recall questions from the Sierra Club counsel on the Company's investment in its coal units?

- A. I do.
- Q. Mr. De May, are the Company's investments in its coal units, or its generation fleet in general, based on information available to the Company at the

Session Date: 9/3/2020

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time those decisions are made?

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we're making it with all the material information known to us at the time, and we evaluate all the alternatives to -- seeking a solution to the problem at hand. Q. 0kay.

Well, that's -- when we make a decision,

- Α. You know, we made the decision in the Yes. moment with the best information we had under the circumstances.
- 0. Thank you, Mr. De May. And in addition, as it pertains to the Company's coal plant investments in this case, were many of the investments needed to maintain compliance with environmental laws such as CAMA?
- Α. They all were. You know, they were all compliance related. Or, you know, they included the dry ash handling, wastewater and stormwater systems, lined retention ponds, et cetera. So quite a bit of required investments just to keep those plants running.
- 0. Mr. De May, are remaining coal plants currently important to serve load at this time through the obligations?
- Well, they're critical to serving load. in the cases as we discussed in Allen, couple of those

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units are necessary for transmission support. And so until that support can be replaced with something else, we'll need to keep those around a little longer.

0. Thank you. And before you used Allen as an example.

Mr. De May, can you elaborate on how important Allen was during this summer's heat wave?

- Α. Well, you know, our coal fleet isn't always the first to dispatch, and I think we all know that at this point, but those plants ran a healthy amount. don't have the specifics here, but we were running our coal fleet during the heat wave.
 - Q. Thank you. No further questions.

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COMMISSIONER CLODFELTER: Yes, thank you.

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EXAMINATION BY COMMISSIONER CLODFELTER:

- Q. Mr. De May, I think we're still good morning, yes, looking at the clock. Good morning.
 - A. (Stephen G. De May) Good morning.
- Q. I have a few questions, and they're a bit scattered, but I'm filling in some gaps here.

I'm curious, Ms. Lee asked you about the current assignments with responsibility for coal combustion residuals, and you discussed with her the transition, I think, from Mr. Kerin to Bednarcik; do you recall that?

- A. I wasn't very smooth in that, but I was focusing on titles, and I -- rather than the role.
 - Q. Well, did I misunderstand the roles?
 - A. No.
- Q. Okay. Well, thank you. I want to ask you about another name, and actually, if Mr. Hatcher knows the answer to this, too, that will be fine.

In the record in the 2018 rate case, which, by the way, the Commission has taken judicial notice of that record, one name that consistently appears over and over again with respect to such things as

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Session Date: 9/3/2020

Page 1025

long-range planning for waste coal ash, strategic planning for waste coal ash, and identification of options for disposal of coal ash is an individual name, and apologies for pronunciation, Issa Zarzar. Do you know that name?

- A. (Larry E. Hatcher) So this is Larry. Yes, sir, I'm familiar with that name.
 - Q. Did I get it close to being right?
 - A. Yes, sir.
 - Q. Is Mr. Zarzar still employed by the Company?
- A. My understanding, he is. Mr. Immel could confirm that for you for sure.
- Q. Is he employed by Duke Carolinas or by Duke Progress?
 - A. That, I do not know.
- Q. Do you know what Mr. Zarzar's current title and scope of responsibilities are?
 - A. No, sir, I do not.
- Q. Do you know when Mr. Zarzar last had assignments related to coal combustion residuals?
- A. No, sir, I don't. Again, I think Mr. Immel or Ms. Bednarcik would have a better handle on that.
- Q. Thank you, sir. I'll leave you alone on that. Thank you.

Page 1026

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me?

Α. (Stephen G. De May) Yes, sir.

I asked a question of Mr. Newlin, and, 0. unfortunately for you, he tagged you as possibly a person who might know something about this. asked Mr. Newlin what he knew about the regulatory agreement in Florida in 2017 with respect to Duke's Florida affiliate whereby the Commission in Florida directed or permitted -- I'm not sure whether it was a direction or a permission -- Duke Florida to redeploy -- my word, not theirs -- redeploy some of the EDIT in order to accomplish other objectives, cost recovery objectives. I think they -- my understanding is they may have related to early retirement of the Crystal River plant. Are you familiar with that?

Mr. De May, back to you. Are you still with

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Α. I am.

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Can you just give me a more detailed description of it, put some boxes around it and give me some corners and things like that?

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Α. When tax reform occurred, or the Yes, I can. Jobs Cut and Tax Act occurred, whenever tax reduction occurs, our customers, all utility customers, generally

benefit in two ways. One is from the lower tax rate

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lowering cost of service as a -- you know, on an ongoing basis; the other is converting accumulated deferred income taxes into excess deferred income taxes, which at some point and in some way, customers will ultimately benefit from.

The way the Florida Utilities Commission and our Duke Energy Florida utility dealt with it was actually more of a kind of an agreement. You know, I don't know who came up with the ideas first. But let me just give you orders of magnitude, rough orders of magnitude. The lower tax rate delivered about \$130 million a year in lower tax expense for Duke Florida's customers. The excess deferred income tax benefit was about \$70 million a year, and that was both protected and unprotected.

And the \$70 million was an ARAM flow back for the protected, and a five-year flow back for the unprotected. So you do that math, and it was about \$70 million a year for quite a number of years.

And what they chose to do with those funds, the \$200 million -- 130 from the tax rate, 70 from the EDIT -- was to apply \$50 million of that benefit to the accelerated depreciation of Crystal River's units 4 and 5, which was a nonoperating coal plant that had

remaining book value on it. The \$150 million was used to recover storm costs from Hurricanes Irma and Michael. And they had significant balances there. I think the combination of those two was about \$750 million, give or take.

And that \$150 million a year went to return -- or to recover those storm costs and replenish the utility's storm reserve, which I think -- this one I can't remember, but it was about \$125 million. So that's how they did that.

And let me just add that the storm flow back or recovery piece will end in mid-2022. The accelerated depreciation component will continue until their next general rate case, at which time it will be revisited through depreciation studies and in the ordinary course. And that rate case, I think, is a '22 rate case.

- Q. Thank you for that. What I'm curious about is, in the absence of that agreement with the regulators, would I be correct to think that Duke Florida would have been seeking to recoup those costs, the excess book value and the storm costs, by seeking recovery through rates?
 - A. Well, I do know that Florida has a storm

securitization law, so I don't know whether --

Q. I apologize for interrupting you, but let me focus really on just the piece, then, that related to the Crystal River early retirement and the depreciation that was still on the books that needed to be taken.

Am I correct that the Company, if it hadn't reached that agreement with the use of the EDIT, would have instead been asking to recover that book value in rates?

A. Yes. But they are effectively recovering it in rates still. And they're -- you know, so the accelerated depreciation -- I mean, it's -- it's a netting of sorts. It's a -- it's -- you know, these revenues and expenses are fungible. So they could have given the customer the benefit of the EDIT and then increased rates for the accelerated depreciation.

This was an opportunity for the state to achieve two policy -- really priorities. One was an interest in accelerating the depreciation of their coal fleet; and also to pay for the destructive storm damage. But -- and tax reform allowed them to do it without affecting customer rates.

Q. Thank you for that explanation. And I understand the netting concept. That's exactly what I

was really focused on. And you could probably guess my interest in the subjects. We'll leave it at that for now. Let me move to a different topic.

- A. Sure.
- Q. On pages 9 and 10 of your direct testimony, you discuss some ideas the Company has investigated.

 You don't need to have this in front of you, but if you want to get it, I'll give you a moment.
 - A. No, I have it.
- Q. Great. You discuss some of the ideas the Company's been exploring to bring forward programs that might be of assistance to lower income customers. And I appreciate that testimony, and I thank you for that testimony. I'm just curious about why the Company chose not to bring any of those forward to the Commission in this rate case for consideration and evaluation, possible either piloting or for implementation. Why not bring them forward in this rate case to -- at least for a good look-see?
- A. Well, I have an answer for that, and the answer is this: We have learned, and sometimes the hard way, that to do really hard complicated things requires a thoughtful, deliberate, and robust stakeholder process. The numbers of stakeholders that

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are interested in anything that we do is, as you can just imagine, is great. When you start thinking about Iow-income programs and the like, whatever is -- does spring from that effort, other customers are going to have to carry. And we thought that what this process needed that Power Forward didn't do, and that frankly, Commissioner Clodfelter, Senate Bill 559 didn't do enough of, was stakeholder support.

We didn't build it in those efforts, and we were effectively unsuccessful, at least in the multiyear rate plan part and in Power Forward, because our stakeholders want to be involved in those kinds of major decisions. And so the whole idea of collaboratives around low income was for the Commission to put their imprimatur on this effort. Because I think everybody thinks this is important.

You asked a question the other day, why now, and why didn't it happen earlier. And there's not a good answer for that. But it doesn't mean because Duke didn't give, you know, a second thought to its customers who were struggling, and it's not because Public Staff didn't or the Commission didn't, we just didn't -- just like why is the country just now wrestling with systemic racism and social injustice.

Session Date: 9/3/2020

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Sometimes it just -- you just have to get there.

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And I am suggesting that the Company is serious about its interest in doing structural changes to benefit our low-income customers. We are very -- we are very generous in our contributions to things like Share the Warmth, the Energy Neighbor Fund, the Helping Home Fund. You know, I have statistics of all the millions of dollars we've given to those programs over time. But I think now is the time to think about structural change to ratemaking, and rate design, and just those kinds of things to help our customers in a much more structural, enduring, lasting way.

I want to say that I really appreciate the 0. seriousness of the sincerity of your answer in my question. I appreciate it. And it takes me to what may be my final question, really, because I believe what you said; I agree with what you said about the time being right and the time being now. And so I need from you some comfort on one point.

So I'm being asked to have confidence that this stakeholder process is being proposed -- have confidence in that process going forward. And where I struggle a bit is I then look at the fact that the Company has, through various settlements, partial

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settlement agreements, has made certain commitments to support a particular proposal, or to oppose a particular proposal, or not to put forward a certain proposal. All of those actually really deal with cost of service, but as we all know, cost of service issues often are strong drivers of what happens in rates.

And so I look at those and say the Company's tying its hands already in these settlements. What am I to do with that, in terms of the integrity and the confidence level I have in the stakeholder process? I don't know if you want to respond to that question. It may just be that I should leave that out there rhetorically.

A. I'd like to, if I can. So, first of all, we believe that our settlement agreements are constructive, and we support them. We were careful, I guess, in coming to some of the terms of those settlement agreements to leave open and preserve the true potential of this collaborative. The fact is a number of the parties that we entered into these agreements on will be important parties at that collaborative table. So whether they brought those ideas to us in the form of a settlement or whether they brought them to us at this collaborative table, I think

Page 1034

Session Date: 9/3/2020

all these ideas are worth exploring.

I -- you -- it was just a number of days ago when there were a lot of discussion around this. And you could hear a different sound out of the industrial group, and you could hear a different sound out of the low-income advocates. And so you can only imagine how challenging this will be, which is why we didn't -- which is why we came to the Commission.

If we had just been silent about this and decided to roll out a stakeholder process ourselves, I think a number of parties would have looked at it like they look at anything our Company does, with a jaundiced eye; which is unfair but it's a fact. And --but like I said, putting the Commission's seal of approval on this with expectations, and I think -- I hope that I am part of delivering back to the Commission something that exceeds your expectations. But more importantly, does something positive and lasting to solve an issue that has been around way too long.

Q. That's helpful. Thank you. And let me ask you my final question, really.

Recognizing the pressure that the Company is under, and for that matter the Commission as well, from

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various interest groups, each of whom has their own special view about how things should work to their advantage, what would the Company think if -- and I have not vetted this with any of my colleagues, this is just me speaking as one Commissioner -- but what would the Company think if the Commission were to suggest or propose, perhaps, that the process could be assisted if we had a third party involved as well? Some independent expertise to assist in making sure that no voice got to be the overriding dominant voice in the discussions. Would the Company think that that was hel pful?

I commit to you now, the Company would Α. support that proposal. And I can tell you from my own personal experience that the stakeholder processes that have gone the best that we've been involved in have all been professionally mediated, and structured, and run by people who do that kind of thing. You look at the clean energy plan process. You look at our own grid improvement plan process. You know, Jay Oliver spoke a lot about what we did leading up to this proposal. We did a lot, but we didn't do it by ourselves, and l think it would have been hard.

Q. Mr. De May, I appreciate your time 0kay.

1 this morning. Thank you.

> Α. Thank you, Commissioner.

> > CHAIR MITCHELL: All right.

Commissioner Duffley?

COMMISSIONER CLODFELTER: That's all I

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CHAIR MITCHELL: Commissioner Duffley? COMMISSIONER DUFFLEY: Yes. I have a few questions.

EXAMINATION BY COMMISSIONER DUFFLEY:

Q. Good afternoon, gentlemen. Most of my questions will be -- or all of my questions will be for Mr. De May.

So you testified about many factors that is causing upward pressure on rates. You have coal ash expenditures, grid modernization, costs to meet your carbon reduction goals, and you also attended the public witness hearings and have committed to this stakeholder process to discuss the issue of affordability. And I think that I heard probably some of the answer to my question, but I just want to make sure if you have anything to add to this question.

Has the Company thought about, or is the Company concerned about rate case fatigue? And what is

Page 1037

Session Date: 9/3/2020

the Company actively doing to address that concern?

A. (Stephen G. De May) Yeah. You know, I will just say something that I think anybody involved in this process already knows. Rate cases are really hard. They're very costly. They just sap organizations of resources. And, you know, I think rate case fatigue is a real issue.

We -- we made -- let me say it this way. We supported legislation in 2019 that would have provided a multiyear rate plan. And one of the virtues of multiyear rate plan is the ability to put programs in certain kind of identifiable and observable plans and expenditures and so on, on the table, do a little bit of the hard work of vetting it, and then letting it go for a while.

And, you know, there's been a great deal of resistance to that idea here in North Carolina. I chalk up at least 50 percent of that resistance to the way we rolled it out. But I can -- or I can just tell you, though, that we are supportive of mechanisms that diminish the need for frequent rate activity. But I also want to add, though, that the level of investments that are required to improve, to maintain, and to expand our infrastructure are not decreasing. And so

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there has to be some ability to bring these investments into rates, and then -- in an easier fashion, and in perhaps a more, you know, moderated fashion over time. And so we continue to explore ideas that would get us to that kind of place.

So I don't have the solution for you. If it's worth anything to you, we agree with your view on how hard these rate cases are. We have responded to 8,000 data requests in this rate case. We have 29 witnesses. Even with settlement agreements with 10 different parties, every issue is being litigated by somebody. And, you know, I think some reform would be great, I just haven't cracked that nut yet.

0. Okay. Thank you. And I'd like to give a caveat to the next set of questions that I'm about to No one should read anything into this, these ask you. questions, or if I'm leaning one way or the other. I'm just trying to obtain additional data points, and really, as a new Commissioner, have some education on the issues that I'm about to ask you about.

So in the last rate case in E-7, Sub 1146, DEC put forth two proposals to the Commission in an effort to assist with cash flow and credit metrics. The first is what I call the run rate, other

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Commissioners call it something different, but it was approximately -- it was to add approximately \$200 million to the revenue requirement in that case.

And then the second proposal was to increase the revenue requirement by \$200 million as a cash flow mitigation measure in response to the Company's requirement to flow back the EDIT. So it was a total of \$400 million.

Did I generally capture DEC's proposal in the last rate case?

- Α. Yeah. I wasn't sure about the EDIT number, but I totally accept your version of that.
- Q. 0kay. Thank you. And in the last rate case in your post-hearing brief, and that was filed in April of 2018, and specifically on page 42, the Company suggested that, although the written proposal in De May's Rebuttal Exhibit 5 did not identify specific use of the \$200 million relating to the cash flow mitigation measure, the brief suggested that the EDIT flow back and the coal ash costs -- I think it was in that case -- the ongoing coal ash costs, could offset each other.

Did I accurately summarize the portion of DEC's post-hearing brief?

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Q. And I am aware of the testimony by 0kay. both DEC and the Public Staff regarding their respective positions on the return of the unprotected federal EDIT totaling approximately \$982 million. But -- so I'm aware that the parties had different positions, right.

But in the end, in the second agreement and stipulation of partial settlement, you and the Public Staff have agreed to flow back the unprotected federal EDIT over a five-year amortization period with a Do I have that correct? return.

- Α. You do.
- 0. Okay. And the deferred coal ash costs through January of 2020 in this case is approximately 491 million. The Commission has not yet received the audited revenue requirement reconciliation from the Public Staff, but I'm assuming that those numbers have been updated through May of 2020, or not?
- Α. Coal ash has only been updated through the end of January for DEC.
- Q. Thank you for that. And so it's --0kay. and DEC's position related to the deferred coal ash case through January of 2020 is to recover the cost

Page 1041

Session Date: 9/3/2020

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over a five-year amortization period with a return; am I correct in that DEC position?

- Α. You are. You are correct.
- 0. So both the unprotected federal EDIT and the deferred coal ash expenditures have a five-year amortization period under what you're currently presenting to the Commission; is that accurate with the settlement agreement with Public Staff?
 - Α. That is a true statement, yes.
- 0. So again -- I'm finally getting to my question that I did caveat earlier.

Is the -- so, did the Company think about requesting in this case what it requested in the post-hearing brief in the last case, about doing a full offset of the deferred coal ash expenditures with the unprotected federal EDIT within the context of this rate case? I mean, I just need a little education why -- if there's some type of benefit to extending it over five years, if it has to do with the revenue requirement. Could you speak to me a little bit about that issue?

You know, I think our experience back Α. Yeah. in 2018 where we made that proposal, and for very good reasons the Commission said let's deal with this in the

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next rate case. As I remember, we were compressed on time from when the hearings were held, to when the tax act became law, to when we had to deal with rate reduction. And to get an order out, it just seemed like that was a complicated way to resolve EDIT.

And -- but to answer your question did we consider doing that in this case, yes, because we think about all kinds of scenarios; but we chose to do it just to keep the parts separate. In part, because the impact to customer bills are -- is kind of the same. Whether you just offset them or whether you are, you know, letting each one kind of amortize over a different period.

knew EDIT was a powerful rate mitigation tool for our customers. I mentioned before that it's taking our original ask of net 6 percent down to net 2.1 percent. That's the power of such a large EDIT balance. The knowing, however, that EDIT -- you know, we thought edit should be -- you know, let me say that there's a school of thought that says EDIT should flow back at a different rate than five years; that it should flow like ARAM does. But we knew it to be also a tool and a lever, and came to a very constructive settlement with

the Public Staff on that.

And so maybe I didn't answer the question directly, but we considered it, we just didn't choose to apply for a rate adjustment that way.

- Q. Okay. Thank you for that.
- A. I could have gotten there in less time, sorry.
- Q. Well, it took me a while to get to my initial question, so we're even there. So -- but -- and I did read your testimony, and part of your initial testimony was with respect to the EDIT, the sense of gradualism, and I'm just wondering, I mean, whether you handled it the way you have with the Public Staff settlement versus doing a full offset in this case. I mean, if -- either way would not necessarily be addressing the tax issue in a haphazard manner, in your opinion, or do you have -- do you have concerns that it would -- that there could somehow be rate volatility and harm to the customers or to the utility?
- A. I'm going to rely on my colleague,

 Jane McManeus, to clean up the answer I'm about to give

 you. So if you are flowing back EDIT over a five-year

 period and proposing to collect a like number on coal

 ash expenditures, for instance, over that same

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five-year period, there is no -- there is no difference between that and just netting the two. In fact, in a way that's kind of what you're doing.

I believe what Florida did was outside of a general rate case. So what -- the situation we have here is we have a general rate case with dozens and dozens of moving pieces. You know, we would love to collect our coal ash expenditures over a five-year period of time. Steve Young was very clear about the importance of cash flow generation to the Company. support the settlement of the five-year flow back of EDIT to the customers.

I think, in a general rate case, the Commission has the ability to change periods and arrive at a targeted outcome, if you will. And so I think that's kind of the beauty of doing these things in a general rate case. And I don't know if that was responsive to your question, but I don't -- I don't --I am just not seeing the difference between dealing with all these issues at the same time in the same general rate case. I just think it's all happening. This netting is happening.

0. Okay. Thank you for that. And so now I'm going to get to my additional data point that I would

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like to see, and if I could have a late-filed exhibit on this. What I'd like to see is a revenue requirement reconciliation, like a Boswell Exhibit 1.

COMMISSIONER DUFFLEY: And, Ms. Downey, it might be more appropriate for Public Staff to do this, but I'm going to ask Mr. De May.

And it sets forth this hypothetical where the total amount of the deferred coal ash expenditures is fully offset by a portion of the unprotected federal EDIT, so that I can see any type of revenue requirement impacts and the effects to the EDIT rider that the Public Staff and the Company have agreed to in their second stipulation of partial settlement.

Which one of you would like to volunteer for that late-filed exhibit?

MS. DOWNEY: Commissioner Duffley -- if I may, Chair Mitchell, respond to that?

> CHAIR MITCHELL: You may, Ms. Downey.

MS. DOWNEY: Commissioner Duffley,

Ms. Boswell will be filing full sets of schedules with our update testimony, assuming the Commission allows us to file it on September 8th, and we would be glad to include such a reconciliation at that

| | DEC-Specific Rate Hearing - Vol 11 Session Date: 9/3/2020 |
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| | Page 1046 |
| 1 | time if that would be okay. |
| 2 | COMMISSIONER DUFFLEY: That is |
| 3 | acceptable to me. Thank you very much, Ms. Downey. |
| 4 | And I have no further questions. |
| 5 | THE WITNESS: Thank you, Commissioner. |
| 6 | COMMISSIONER DUFFLEY: Thank you. |
| 7 | CHAIR MITCHELL: All right. |
| 8 | Commissioner Hughes? |
| 9 | COMMISSIONER HUGHES: No questions at |
| 10 | this time. Thank you. |
| 11 | CHAIR MITCHELL: Okay. And |
| 12 | Commissioner McKissick? |
| 13 | COMMISSIONER McKISSICK: Thank you, |
| 14 | Madam Chair, I do have a couple of questions. |
| 15 | EXAMINATION BY COMMISSIONER MCKISSICK: |
| 16 | Q. And I guess first I'd like to address them to |
| 17 | Mr. De May. And it's going to touch upon some of the |
| 18 | concerns that Commissioner Clodfelter spoke of when he |
| 19 | was discussing the policies that could be implemented |
| 20 | to impact affordability and issues of that sort. |
| 21 | I remember reading back in your I think it |
| 22 | was your direct testimony about programs such as a |
| 23 | low-income bill credit that would apply to your basic |

facilities charges and as well as, you know, looking at

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income.

today?

Session Date: 9/3/2020

Are those types of initiatives already taking place outside of North Carolina where Duke operates

expansion and retooling of the supplemental security

- A. (Stephen G. De May) I don't know the answer to that question. I don't know what low-income assistance measures are in the rate structures the other states we do business in. I'm sorry.
- Q. Okay. But you are committed to working diligently to try to see what we could do to facilitate the consideration of various programs as expeditiously as possible, rather than -- I know you talked about pulling together groups of stakeholders to work through things, but what is it that you're able to commit to today, so that I understand that?
- A. Well, we would like to undertake this collaborative with Public Staff over the course of a period of about a year and provide frequent updates to the Commission as to our progress; and all along the way, give the Commission an indication of where things look promising, where we're hitting roadblocks with stakeholders, et cetera.

We propose this collaborative in a very

Page 1048

Session Date: 9/3/2020

thoughtful, serious way, Commissioner McKissick, and by bringing it to the Commission for its seal of approval and its imprimatur, I -- you know, if we wanted to just be just all showy about it and not real substance, we would ve have done that. And so we want all stakeholders to be held to the fire on this.

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