

State of South Carolina) In the Court of Common Pleas
County of Hampton) Case No: 2017-CP-25-335

Richard Lightsey, LeBrian)
Cleckley, Phillip Cooper, et)
al., on behalf of themselves)
and all others similarly)
situated)

Plaintiff(s),) Videotaped Deposition

vs.)

) of

) ROBERT MCKIE, JR.

South Carolina Electric & Gas)
Company, a Wholly Owned)
Subsidiary of SCANA, SCANA)
Corporation, and the State of)
South Carolina)

Defendant(s).)

Videotaped Deposition of ROBERT MCKIE, JR.,
taken before Jennifer L. Thompson, CVR-M, Nationally
Certified Verbatim Court Reporter and Notary Public in
and for the State of South Carolina, scheduled for
10:00 a.m. and commencing at the hour of 10:11 a.m.,
Thursday, August 30, 2018, at the office of Strom Law
Firm, LLC, Columbia, South Carolina.

Reported by:

Jennifer L. Thompson, CVR-M

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REPORTER'S LEGEND:

- [denotes interruption/change in thought]
- ... [denotes trailing off/incomplete thought or statement]
- [sic] [denotes word/phrase that may seem strange or incorrect; written verbatim]
- (ph) [denotes phonetic spelling]
- (unintelligible) [denotes not capable of being understood]
- (indiscernible crosstalk) [denotes multiple speakers at the same time, not capable of being understood]

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STIPULATIONS

This deposition is being taken pursuant to
the South Carolina Rules of Civil Procedure.

- - - - -

The reading and signing of this deposition is
reserved by the deponent and counsel for the
respective parties.

- - - - -

(Begin 10:11 a.m.)

(Whereupon, the case caption was
published and counsel noted their
appearances for the record.)

- - - - -

Whereupon,

ROBERT MCKIE, JR., being administered an oath
of affirmation or duly sworn and cautioned to
speak the truth, the whole truth, and nothing but
the truth, testified as follows:

Court Reporter: State your full name for the
record, please.

Witness: Robert McKie, Jr..

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EXAMINATION

BY MR. GALVIN:

Q Thank you for coming here today, Mr. McKie. We're going to take your deposition today. Have you ever had your deposition taken?

A No, sir.

Q Lucky man. I'm going to kinda go over the ground rules of the depositions. Our state, we have a decision called *In re: Anonymous*, and I think it's a good way to kind of give you all the ground rules for how it works here, okay? They state -- the Supreme Court states that they've adopted a Hall approach in our state, which our court requires attorneys in South Carolina to operate under the most sweeping and comprehensive rules on deposition conduct in the nation. And pursuant to the Hall rules, I am first required to tell you that, "At the beginning of each deposition, counsel shall instruct the witness to ask the deposing counsel . . ." If you have any questions for clarifications or you have any -- if I say something, it doesn't make sense and you need help interpreting it or I just ask a terrible question, which happens all the time, so, but if I do that,

1 you can say, "I don't understand. Can you -- are
2 you talking about Wednesday or Thursday or last
3 week or last year?" Or if I ask you about, you
4 know, particular product or something and you're
5 not sure if I'm talking about this product or that
6 product, just ask me to clarify, and I'll do my
7 best to ask good questions, but I'm not perfect
8 for sure.

9 A Okay.

10 Q At the same time, your attorney, except for
11 attorney-client privilege, they can't tell you not
12 to answer. And if they do that, there are certain
13 steps we have to take and what have you.

14 A Okay.

15 Q They are not allowed suggesting answers to you or
16 what we call giving speaking objections where they
17 say, for instance, "Objection, I don't think he
18 knew last Tuesday where he was at."

19 A Okay.

20 Q So they can't do that. Also, if we take a break
21 and -- if we take a break and during the break you
22 talk to your attorneys, I can ask you about
23 everything that you talked about, okay?

24 A Okay.

25 Q So, generally, a lot of attorneys, even if we take

1 lunch, I generally won't even go eat with the
2 defendant so there can be no question about that.

3 A Okay.

4 Q What are the other things? So -- I think I've
5 defined it pretty well. Also, I'm going to only
6 ask you to what your personal knowledge is.

7 A Okay.

8 Q So I'm not asking you to research a paper for me
9 or what have you.

10 A Okay.

11 Q And the other thing is, one thing, can you do this
12 for me, I'm going to only ask you -- I only want
13 you to tell me about things that you learned
14 outside of dealing with your lawyers. So, you
15 know, if I ask you something and the only way you
16 knew something was if the lawyer told you, then
17 you can tell me that. You can just say, "I
18 learned that from the attorney." But if you
19 already knew it and then they told you, again,
20 you'd have to tell me how you knew it outside of
21 there, okay?

22 A Okay.

23 Q Can you handle that, telling me if you only
24 learned that from the attorneys so we don't have
25 to have any objections that they learned it from

1 the attorney?

2 A Yes, sir.

3 Q Does that make sense to you?

4 A Yes. Can we break in about an hour?

5 Q You tell me.

6 A I'll let you know.

7 Q You tell me and I'll be happy to take any breaks
8 you want. If you need more water, anything, just
9 let me know.

10 A Okay.

11 Q The other thing is, you understand you are under
12 oath?

13 A Yes, sir.

14 Q Not your boss, not anybody else, that you're the
15 one who essentially is affirming to the court and
16 everybody else that what you say is correct?

17 A Yes, sir.

18 Q If you know something, you are required to tell
19 me. You can't say, "Oh, I don't remember" and you
20 know it. Now, there's plenty of things I forget,
21 ask my wife every night. I understand. I just
22 want to make sure you understand all of that.

23 A Yes, sir.

24 Q All right. So who do you work for?

25 A Okay. I work for Andy Boutin. His formal -- I

1 work for SCANA Corporation.

2 Q Now, I'm confused with one thing, is there's SCANA
3 Corporation, there's SCE&G?

4 A Yes, sir.

5 Q Then there's SCANA Services. There's SCANA
6 some -- Energy or something?

7 A Yes, sir.

8 Q Do you work for all of them?

9 A No, sir. I work for SCANA Services under the
10 SCANA umbrella.

11 Q So, all the work you do, does that only apply
12 to -- that wouldn't only apply to -- you don't
13 have separate people that do SCE&G stuff and
14 separate people who do SCANA stuff, do you?

15 A Well, we have persons who are employed in SCE&G
16 that are operational and they may be line persons,
17 meter readers. This person's work for SCE&G, for
18 instance. SCANA Services is an administrative arm
19 of SCANA Corporation. So we provide services to
20 most of the other companies.

21 Q So when we talk about -- if I just refer to SCANA
22 or SCE&G, I can talk about the whole -- all the
23 entities, correct? Because, I mean, the tech is
24 all managed by the same people, right?

25 A By SCANA Corporation, yes, sir.

1 Q You don't have a server for SCE&G and one for
2 SCANA. It's not separated that way, is it?

3 A Not in general, sir.

4 Q So if I refer to SCANA or SCE&G, can we just
5 assume that I'm referring to all of the umbrella
6 of companies there?

7 A Yes, sir.

8 Q So tell me what -- tell me about your employment
9 history.

10 A Okay.

11 Q Tell me, how did you start in the tech arena?

12 A Okay. So back in 1980, I applied with the company
13 out of college, University of South Carolina. I
14 basically applied for a job in accounting. The HR
15 person saw that I had some aptitude in the area of
16 math and had taken several math and computer
17 courses, asked me if I wanted to take a program
18 aptitude test, which I did, and made an A on it
19 and went into their programmer training program
20 and ultimately became a computer programmer.
21 Transferred to auditing for a little while as part
22 of a cross-training effort. I came back as a
23 programmer and worked my way up through the ranks.
24 Basically became a systems analyst project
25 manager. Went to -- from there to corporate

1 billing, became the supervisor over that area.
2 Went to -- while I was there, I became part of the
3 organizational effectiveness review committee
4 designed to look at the whole organization as if
5 you've got a blank sheet of paper and redesign it.

6 Q Can you stop there one second?

7 A Yes, sir.

8 Q Can you explain that to me because I don't . . .

9 A Okay, so the CEO or the president, at least at
10 that time, believed that we needed to look at our
11 organizations and really look at how effective
12 they were, and if we had a blank sheet of paper,
13 how would we design those organizations. So
14 certain persons were pulled from across the
15 company to work on different parts of the company.
16 So you had multiple groups. I was part of one
17 group for the administration organization looking
18 at the group under the controller. And that
19 included accounting, corporate payables, financial
20 accounting, plant accounting, basically all those
21 groups.

22 Q What year was that?

23 A That was 1992.

24 Q What did you do after that?

25 A Okay, after that, I became a team leader of one of

1 the groups that was created as a result of that
2 effectiveness review. It was a group called
3 "Training and Accounting Systems." So I was a
4 team leader of that for a period of oh, a couple
5 of years, year-and-a-half or a couple years. We
6 had a project going on and we're -- we, the
7 company, they were looking at the corporate
8 payables organization -- well, they're looking at
9 the corporate payables system and looking at
10 putting a new corporate payables system in place.
11 And I was asked to go over and assume supervision
12 of the corporate payables department because the
13 incumbent supervisor was part of the team on that
14 project. So I stayed over there for a
15 year-and-a-half or whatever. Left there and went
16 to customer service, became a team developer of
17 that area. I was over meter reading, mail
18 services, and receivables management, which
19 included your write-off accounts. Stayed over
20 there for two or three years and came back as
21 manager of the customer support organization
22 within IT. Was there for a period of time, nine
23 months or whatever. Became manager of the data
24 center and, ultimately, systems programming group.
25 Stayed there for a period of time and came back as

1 manager of customer support. Again, and -- you
2 know, plus had some applications development
3 responsibility over a period of time. I remained
4 there and then went to become manager of
5 infrastructure -- somewhere in the process titles
6 were changed and it was director of customer
7 support and director of -- well, just IT director
8 period.

9 Q IT director.

10 A So sort of generic. IT infrastructure. We had a,
11 basically -- I don't know what the term is, but
12 there was some level of reorganization that took
13 place streamlining. And basically, some jobs were
14 eliminated and mine was one of the ones that was
15 eliminated, and I came back after surgery as a
16 technology consultant in cybersecurity, and that's
17 what my role is today.

18 Q So, essentially, what you've told me is you're
19 pretty freaking smart.

20 A I don't know. I wouldn't say it myself.

21 Q Well, it sounds like it. Sounds like you've had
22 an impressive stint there. Now, what type of
23 systems, what type of -- you've had access to
24 the -- let me back this up. Where are SCANA's
25 data centers?

1 A They are over in Cayce.

2 Q Let me back up here. I may have to ask you that
3 again. What were the dates when you were the IT
4 director?

5 A I don't know. And what I mean by that is, there
6 was a title change that took place and we
7 transitioned from managers to IT directors. I
8 think that was in the 2007 -- 2005 time period,
9 2005. So 2005 until 2013. Yeah 2013. Probably
10 around mid January or early February 2013.

11 Q And from 2013 to the present, you've been the
12 cybersecurity consultant?

13 A Yes, sir.

14 Q So let me back up. And I know that I asked this
15 and I think you answered it, but where are the
16 data centers that SCANA houses?

17 A One is in Cayce and one is downtown Columbia.

18 Q In downtown Columbia?

19 A Yes, sir.

20 Q What does each one host?

21 A I don't know currently. We had a mainframe
22 decommissioning. We moved from mainframe to
23 mid-tier environment. I was not involved with
24 that, so. You know, they host the customer
25 information system applications. And beyond that,

1 you know, I can't concretely tell you.

2 Q What do you do as the cybersecurity consultant
3 now?

4 A I am involved in what's known as information
5 technology, operational technology convergence. I
6 work between those two groups. I help implement
7 standards. I facilitate the development and
8 implementation of standards and sometimes the
9 implementation of controls around those standards
10 to help protect cyber assets in the OT
11 environments.

12 Q So what standards have you developed there?

13 A We've got a removal development and media standard
14 that governs the use of USB drives on OT
15 computers, okay.

16 Q Okay.

17 A We've got a change management standard that gives
18 guidelines on how to -- how change needs to be
19 managed when you're dealing with OT assets. Did a
20 cyber inventory standard which, at the time,
21 helped give a profile of what information you need
22 to capture in terms of cyber assets and, you know,
23 what, at the time, were considered critical
24 assets, put definitions around that. Did a patch
25 management standard that basically gave guidelines

1 for applying patches to OT cyber assets. Did a
2 procurement language standard that basically gave
3 guidelines for procuring cyber assets and what
4 things you needed to ask certain vendors. You
5 know, ensure that you've got the proper -- they
6 have the proper controls on their equipment
7 systems and that we are secure there.

8
9 MS. NEWTON: I'm just going to interject here
10 just for a second. To the extent we're talking
11 about proprietary and confidential information, I
12 just ask that this deposition transcript be
13 designated as confidential pursuant to the
14 protective order in this case.

15 MR. GALVIN: The entire transcript?

16 MS. NEWTON: For now. And we can go back and
17 determine which portions remain confidential.

18 MR. GALVIN: All right.

19
20 BY THE WITNESS:

21 A So help facilitate, not develop, help facilitate
22 an OT monitoring standard and help facilitate an
23 OT systems standard, OT access and system
24 standard.

25 Q And for the record, what do you mean by "OT?"

1 A Operational technology, which is the noncorporate
2 systems, again dealing with the operational areas.

3 Q So, up until 2013, you were the IT director,
4 right?

5 A Yes, sir.

6 Q That's what you did, okay. Can you -- what did
7 you have in place at that time? What type of
8 systems were in place at SCANA?

9 A So, are you talking about ones I was responsible
10 for?

11 Q All of the systems that you know that they used
12 either in-house, out-of-house, consolidated with,
13 whether used from Westinghouse?

14

15 MS. NEWTON: Objection to form.

16 MR. GALVIN: Yeah, I agree with you there.

17

18 Q Can you tell me all of the systems that,
19 internally and externally, that --

20 A I wouldn't say I can tell you all of them; I can
21 list some of the ones I'm familiar with.

22 Q Sure.

23 A We had an ingrown or in-house developed customer
24 information system. We had a, and still have a,
25 PeopleSoft financial system. We had a Maximo OT

1 operational technology maintenance type system.

2 We had a -- and that was for corporate. We had a
3 FileNet document management system -- were you
4 going to say something?

5 Q No, keep going.

6 A What I'm talking about are more of the application
7 type systems. You know, I'm sure there were
8 systems over in the infrastructure area as well.

9 Q Well, just go through the systems that you know
10 about or know of. So, "I know they used a NoSQL
11 server over here or something."

12 A Okay. We had Exchange for our mail system.

13 Q Was that hosted in-house or in the cloud?

14 A At the time, it was hosted in-house.

15 Q Okay, keep going.

16 A Okay. We had a lot of in-house developed systems
17 that I'm a lot less familiar with, so I won't try
18 to -- I think I would botch those up.

19 Q Well, just give me -- I mean, I'll take it's gray,
20 but just tell me what they managed, and if you
21 can't remember the name, you can't remember the
22 name.

23 A There is a CLP system, in-house developed CLP,
24 contracts, licensing, and permitting. That was
25 in-house development, it was designed to help

1 manage contracts. One that I'm a lot less
2 familiar with, we had a CHAMPS maintenance system
3 up at VC Summer. It was very much like Maximo for
4 corporate. We had a nonemployee directory system
5 that help manage access. It tied into badging.
6 I'm not extremely familiar with it, but we did
7 have one of those.

8 Q Was that an LDAP, was that tied into the LDAP
9 server?

10 A I think so, but I'm not sure.

11 Q What else did they have that you have knowledge
12 of? SharePoint, I think, is one of them.

13 A SharePoint. Absolutely, absolutely. SharePoint,
14 which was more of a collaboration system.

15 Q We'll go through them all.

16 A Yeah, definitely SharePoint. So those are the
17 primary ones, I think.

18 Q So let me go through. Let me ask you one other
19 question. What languages do you program in?

20 A Within SCANA?

21 Q No, just in general.

22 A C#. And I've been out of programming for so long,
23 but C++. You know, those are the ones that come
24 to mind. It may be some -- there's one I can't
25 think of the name, it begins with a P.

1 Q PHP?

2 A No.

3 Q Pearl?

4 A No, it's not pearl. If I think of it, I'll come
5 back to it.

6 Q It's not that -- I was more interested in your
7 background. And I assume since you programmed
8 with them, you had to do a lot of database work,
9 too?

10 A I didn't do a whole lot of database work. IDMS --
11 when I was programming, IDMS became popular back
12 there, the whole concept of database. I worked
13 more with just sequential files. And a lot less
14 with databases. Back at the time I was
15 programming Assembler, COBOL.

16 Q You wrote Assembler?

17 A Yes, sir.

18 Q Impressive.

19 A Yes, sir. Or helped maintain it. COBOL, CICS.

20 Q Tell me about -- let's back up. IDMS, what does
21 that mean; what does it do?

22 A I think it's index data management system. There
23 was a company called Cullinet that came out with
24 it. It was a hot topic back then. I never, never
25 touched it.

1 Q So when you programmed, am I correct, that you
2 would essentially, you would deal with static
3 files, but they would work the same way a database
4 file would. Is that correct?

5 A Yeah. Yes. You know, I did do some programming
6 that, you know, toward the end of my time there
7 that basically leveraged indexes and you could,
8 you know, as opposed to reading through records
9 sequentially, you could load key and go directly
10 to a record.

11 Q The primary key and foreign keys?

12 A Yes, sir.

13 Q What type of index was that, do you remember? Was
14 it a SOLR; was it just a SQL entry?

15 A SQL hadn't come on the scene at the time.

16 Q So let's walk through the systems they had in
17 place. You said they had an in-house customer
18 service system. What -- I'm not going to ask you
19 to -- define at least two things. I don't want to
20 know everything you know about it, but I think the
21 main things are what did it do and what did it
22 house?

23

24 MS. NEWTON: Mr. Galvin, just what time frame
25 are you talking about?

1 Q Well, you can tell me whatever time frames.

2

3 MR. GALVIN: I mean, he's the -- he needs to
4 be the one to ask if he needs clarification.

5

6 BY THE WITNESS:

7 A Back in the 80s, basically --

8 Q Go ahead.

9 A It housed the customer information. The customer
10 being the persons that had electric bills, gas
11 bills. So it housed meter readings. It housed
12 just account information, where it was located.
13 It housed just any arrangements. You know, you
14 had things that basically talked about if
15 arrangements were being made. So, it basically
16 allowed for the billing of customers on a monthly
17 basis. In addition, it allowed persons in the
18 call centers to look up customer information and
19 interact with customers on the phone as they were
20 processing that.

21 Q Is that system, do you know if it's still in
22 place?

23 A It is. It has been revamped considerably since
24 that time. At that time, it was CICS, COBOL, and
25 those things.

1 Q Is it hosted now by an Oracle 10G server?

2 A I don't know.

3 Q You don't know. It's hosted by a SQL server
4 obviously, right?

5 A Yeah, I would say SQL. I've been uninvolved with
6 it, though.

7 Q It'd have to be structured data, correct?

8

9 MS. NEWTON: Objection to form.

10 MR. GALVIN: How was that a bad question?

11 MS. NEWTON: Foundation.

12 MR. GALVIN: There's no foundation objection.

13 I asked him based on personal knowledge.

14 MS. NEWTON: If he has personal knowledge,
15 then he can testify to it.

16 MR. GALVIN: But then you don't need to
17 object it.

18 MS. NEWTON: You can answer.

19 THE WITNESS: Can you ask the question again?

20 MR. GALVIN: Can you read that question back
21 please.

22 COURT REPORTER: It would have to be
23 structured data, correct?

24

25

1 BY THE WITNESS:

2 A It depends, I guess, how you define structured
3 data. Can you give me a definition?

4 Q Well, it would not be an unstructured database,
5 right? For example, a NoSQL database. You have
6 to have the relation between the customer, the
7 call?

8 A Yes, I would assume it was structured. Yes, sir.

9 Q Can you tell me about the PeopleSoft financial
10 database?

11 A Not really, sir. I had very little involvement
12 with it. I'm just aware of it. Use it as an
13 employee.

14 Q Tell me what you did on it?

15 A What I do now is basically go in and enter
16 performance information, do expense accounts in
17 terms of, you know, if you did happen to have a
18 reimbursable expense. Look up your own personal
19 information. You know, those are some of the
20 primary things we do with it.

21 Q Does that also house the billing now?

22 A No, sir.

23 Q No, it doesn't?

24 A No, sir.

25 Q Is that only employee-based information in the

1 PeopleSoft system?

2 A I don't know. I know it does have an
3 employee-based information. It does not include
4 customer information that a billing system would.

5 Q So the in-house system's the one that would have
6 all the billing information?

7 A Yes, sir.

8 Q Is there a name for that?

9 A CIS, customer information system.

10 Q Can you tell me what Maximo is?

11 A Maximo is a maintenance type of system that a lot
12 of the OT area, especially plants, use to
13 basically enter maintenance schedules and,
14 basically, based on those schedules, assign work
15 associated with that. Let's say, if a plant is
16 down for maintenance and, let's say, an
17 administrator has gone in or supervisor, whoever
18 it is, has gone in and said, "Here's what we need
19 to do. We need to go in and change out this
20 turbine." There are a lot of tasks around that;
21 some of those things are dependent on this step
22 being completed. They can basically leverage
23 Maximo to do assignments and really keep up with
24 the status of those assignments, ultimately taking
25 to project completion.

1 Q Do you know if -- was Maximo used on the nuclear
2 plant construction?

3 A Not to my knowledge, sir.

4 Q Not to your knowledge. Do you know if
5 Westinghouse used Maximo?

6 A I don't know, sir.

7 Q Because I'm seeing references in the data, Maximo
8 prism integration and work, so.

9 A I'm not familiar with it, sir.

10 Q Tell me what FileNet was?

11 A FileNet is a content management system. And
12 basically, it allowed you to do things like scan
13 information, index it, and be able to retrieve it
14 at a later date. So it's a document repository.

15 Q With FileNet, what was saved in FileNet?

16 A Anything that a person or an area decided should
17 be kept for X period of time. There weren't, to
18 my knowledge, there weren't rules necessarily at
19 the time that I was involved with it. It was just
20 with the areas that interfaced with. It was
21 anything they wanted to save and be able to
22 retrieve at the later date.

23 Q So any file type?

24 A Yes.

25 Q So with FileNet, if you wanted to search for a

1 certain file type?

2 A Yes, sir.

3 Q So if I wanted to search for a Word document, you
4 could just search FileNet and it would pull all
5 those documents immediately?

6 A I don't know. I've never tried to -- I've never
7 actually been in FileNet trying to execute
8 searches. So I don't know if it was that general
9 that you could say, "give me Word documents." I
10 think it was more based on indexes.

11 Q So you think it would have an index of every
12 document that was in the system?

13 A It depends on how the copying took place. You
14 know -- and I think I may exceed my expertise, but
15 if it was appropriately indexed, and you were
16 aware of those indexes, yes, you would be able to
17 find those documents. If a person did not set up
18 indexes appropriately, then it might be a little
19 more challenging.

20 Q Do you know who would be in charge of FileNet or
21 who was?

22 A At the time, it was -- when I say "at the time,"
23 at one point, it was within my area of
24 responsibility, but there were technical persons
25 that were involved in the actual updating and

1 maintenance of it.

2 Q Who were those people?

3 A You want specific names?

4 Q Yes.

5 A Mike Smith was the, more or less, the FileNet
6 expert at that time.

7 Q Is he still at SCANA, do you know?

8 A Yes, sir.

9 Q Smith, right?

10 A Yes, sir.

11 Q Who else?

12 A Travis Hall -- not Travis Hall. Travis, and I
13 can't think of Travis' last name, but he became
14 familiar with FileNet.

15 Q Do you know what Travis' position was?

16 A He was at least an analyst.

17 Q Do you know who ran the Maximo system?

18 A We had a couple of experts. And I say "experts,"
19 a couple persons proficient in Maximo. I think
20 his name is Robert Bailey.

21 Q Is he still there?

22 A Yes, sir.

23 Q Do you know anybody else who worked on the IT
24 side?

25 A Eric Robinson was at least familiar with it. He

1 worked on that system.

2 Q Let's talk about your Exchange server.

3 A Okay.

4 Q You said that was hosted in-house at the time?

5 A Yes, sir.

6 Q Do you know who managed or currently manages it?

7 A Currently, Exchange is managed by Tim Ritter.

8 He's in the telecommunications area.

9 Q Does it also manage your phone calls?

10 A No, sir, but he manages messaging. So he's
11 responsible for that as well.

12 Q Tim Ritter?

13 A Ritter, yes, sir.

14 Q Tell me about the CLP system?

15 A Yes, sir. In-house grown. Gave you the ability
16 to store records. And I think -- again, this is
17 not -- I think it tied in FileNet. Basically
18 allowed to you to tie into records associated with
19 contracts.

20 Q So the CLP systems managed the contracts. So, am
21 I correct that if you, let's say, I pulled up an
22 entry for the Westinghouse contract, would that
23 have all the entries, all the emails? Or what
24 would that have that related to that contract?

25 A Just the -- to my knowledge, just the contract

1 itself.

2 Q Yeah, but how did -- so the CLP system had a
3 contract, but you said it integrated with
4 something else?

5 A I think it tied into FileNet, but I'm not sure.

6 Q Would it have, like, all the -- do you know if it
7 would have the communications that led up to the
8 contract or afterwards?

9 A No, sir, I do not think it did.

10 Q What is the CHAMPS system?

11 A My knowledge of CHAMPS is very limited. What I
12 know about CHAMPS is that it was the parallel to
13 Maximo and it was used by nuclear.

14 Q What was your understanding to do what?

15 A Same thing, maintenance operations.

16 Q So it was a maintenance system. And then you
17 talked about a nonemployee-something system, the
18 directory system?

19 A Nonemployee directory. Basically, it's used to
20 help manage the employee life cycle in terms of
21 badging, you know, and access.

22 Q Do you know if it housed the employment records?

23 A It did not.

24 Q It did not?

25 A No, sir.

1 Q Do you know where those would have been housed?

2 A Employee records, that would be in PeopleSoft.

3 Q And SharePoint.

4 A Yes, sir.

5 Q What did that house?

6 A Basically, whatever you wanted to put in there.

7 It could be a document repository. It could be a

8 team collaboration site. It could be -- you know,

9 those were some of the main things. Team

10 collaboration probably was the primary use of it,

11 is the primary use of it.

12 Q Do you know who managed SharePoint?

13 A I had that within my area of responsibility.

14 Currently, SharePoint is managed -- I don't know

15 what the reporting structure is exactly, but

16 Curtis Bigley is over that area.

17 Q What outside people or outside consultants and

18 organizations are you familiar with that SCANA

19 used?

20 A Consultants per se?

21 Q Yeah, well, just anybody who helped you with IT,

22 any company?

23 A You know, certainly EMC Corporation was big on

24 storage.

25 Q Tell me about that. What did they do?

1 A Basically, they sold storage, but they also helped
2 us to move to upgrades and, you know, help and,
3 you know, determine what we needed in terms of
4 capacity and things like that.

5 Q As far as storage capacity?

6 A Yes.

7 Q Did they upgrade the in-house software?

8 A Yes, sir. They either upgraded it themselves.
9 Normally, they wouldn't be involved in upgrading
10 of in-house systems.

11 Q And the one that -- and I don't mean to skip
12 around, but that's just how my mind works. That
13 in-house system that's developed, it's a custom
14 system, right?

15 A Yes, sir.

16 Q So for me to understand the data, there's no
17 system I could go out and purchase to just load
18 the data into. Is that correct?

19 A I can't answer that question, sir. I do not think
20 so, but I hedge on . . .

21 Q That's fine. I'm only asking you to the best of
22 your knowledge. I'm not asking for a thesis or
23 anything. But to your knowledge, it's a custom
24 software?

25 A Yes, sir.

1 Q Was that programmed in-house or was that
2 programmed by -- who handles the programming work
3 right now?

4 A Right now it's in-house. I cannot tell you
5 whether they leverage some help from the outside.

6 Q Who's the guy who manages that system, the main
7 guy?

8 A The person would be Marc Gisewhite. G-i-s-e-w --

9 Q G-i-e-s-w?

10 A G-i-s-e, I think's w-i-t-e. Either i-t-e or
11 w-h-i-t-e.

12 Q Okay. I have a feeling there's not several people
13 with that kind of name. Do you have any idea of
14 was the EMC storage, were they storing all the
15 documents, or?

16 A Basically, anything on the mid-tier environment,
17 or most things on the mid-tier environment were
18 kept by our EMC storage. There may have been some
19 others, like Hitachi and other groups and things
20 that we use, maybe it's cheaper storage or
21 whatever.

22 Q Was EMC, did they have somebody in state here that
23 you worked with?

24 A I can't tell you. We have local persons involved.
25 I think we did; I just can't recall his name right

1 now.

2 Q You had two data centers that were managed by
3 SCANA, correct?

4 A Yes, sir.

5 Q And then EMC managed -- I'm trying to connect what
6 they were housing.

7 A So you've got data centers; you've got -- for all
8 these databases and files, you've got to have a
9 place to store them. EMC provided those storage
10 devices that allowed us to maintain those
11 databases, store those databases.

12 Q So it would have been housed on -- those data
13 bases would have been housed on their servers?

14 A Yes. In general, yes. Now, again, there may have
15 been some other solutions, but I think EMC was the
16 primary one.

17 Q Do you know where there data center was?

18 A Who's that?

19 Q EMC's, the one you were using?

20 A We didn't store things on their data center. They
21 basically -- we had the equipment, the EMC storage
22 arrays local in our data centers.

23 Q So they were your overseeing consultant
24 essentially?

25 A They were the product providers and they offered

1 some consulting.

2 Q So if everything was housed in-house, but
3 essentially managed by EMC. I'm not trying to put
4 words in your mouth; I'm just trying to get it
5 through my feeble brain. I can't write Assembler.

6 A EMC did not manage. It's like somebody selling
7 you a car and it's your car. So they provided the
8 car that allowed us to get around.

9 Q So they provided the storage arrays?

10 A Yes, sir.

11 Q How many storage arrays did you have?

12 A I don't know, sir.

13 Q Do you know at the time in 2013?

14 A No, sir.

15 Q Do you know what your IT budget was in 2013?

16 A No, sir.

17 Q What other outside organizations did you work
18 with?

19 A Can you elaborate?

20 Q I'm just talking for IT. That was a bad question,
21 so I own that one.

22 A So for every one of those systems that we
23 mentioned, you know, there were the system
24 providers or the application providers.
25 SharePoint was provided by Microsoft.

1 Q So that was hosted by them?

2 A No, it was hosted on site. Microsoft was the --

3 Q Manager. Is that better --

4 A No. Microsoft provided -- we bought SharePoint
5 licenses from Microsoft that allowed us to run
6 their solution on our premises.

7 Q So you just use their software, is what you're
8 telling me?

9 A Yes, sir.

10 Q I gotcha, I gotcha. I was thinking you were
11 saying they were hosted out in the cloud?

12 A No, sir.

13 Q Do you know anything about a Primavera software?

14 A No, sir. Just have heard the name mentioned. It
15 seems like something perhaps not local they would
16 use.

17 Q With -- and I go back to your -- the storage array
18 and what have you, are you guys running Windows
19 servers?

20 A Yes, sir.

21 Q It's all Windows-based?

22 A I wouldn't say it's all, but yeah, we have
23 probably, probably primarily Windows servers.

24 Q Could you tell me what you did -- Let's see here.
25 Have you worked at all with Dominion for a

1 possible turnover or merger?

2 A Not directly, sir.

3 Q What have you done?

4 A Been involved very slightly in describing our,
5 some of our cyber systems to them and helping to
6 coordinate that information in terms of this is
7 how we do things at SCANA.

8 Q Did you send them a letter or a document?

9 A Not yet, sir.

10 Q I'm sorry?

11 A No, sir.

12 Q It was all done orally?

13 A No, sir. We've -- we haven't sent anything to
14 them. So we do have spreadsheets that we are
15 developing.

16 Q What would those be called if I asked for those
17 spreadsheets?

18 A Dominion transition spreadsheets, whatever.

19 Q Dominion transition spreadsheets. I guess you
20 could call them IT Dominion transition
21 spreadsheets is probably a better way to define
22 them. At least we both know what we're talking
23 about. Are you familiar with any litigation holds
24 that SCANA put on freezing the construction of
25 documents?

1 A You mean associated with Dominion?

2 Q Any litigation.

3 A Not specifically. I know that we wanted to -- we
4 at least discussed putting holds on certain
5 mailboxes or whatever associated with the Dominion
6 merger -- not Dominion merger, but the
7 decommissioning, is what I would say.

8 Q You're talking about the decommissioning of the
9 reactors or the abandonment?

10 A Yes. So -- yeah.

11 Q Did you do a hold for Westinghouse as well at an
12 earlier time?

13 A I don't know, sir.

14 Q Who would know that?

15 A I don't know. I'm not sure. I've just been
16 uninvolved in that process.

17 Q Who was the person that came to you and told you
18 about the litigation hold? And I'm not asking for
19 any -- if it was an attorney, you can tell me it
20 was an attorney.

21 A I don't remember specifically. I remember it came
22 up in a discussion around the time we were doing
23 the nuclear abandonment. And that it became
24 public and said we needed to hold certain records
25 or a hold, make sure that nothing gets destroyed

1 or whatever or eliminated or lost.

2 Q Was that hold on email only?

3 A No, sir. It was broader than email.

4 Q How broad was it?

5 A It would be any computer drives, any emails, just
6 any documents, you know, it might be in a FileNet,
7 anything associated with -- with --

8 Q Did they go through and pull the various desktop
9 computers and image those?

10 A There at least was talk of that. So I can't tell
11 you the final dispensation of it.

12 Q Do you know what software they would use for that?
13 Would it be EnCase or FTK?

14 A I'm not sure. It could very well be, but I'm not
15 sure. I was not involved with that.

16 Q Did you have somebody in-house who did, who worked
17 with EnCase or FTK?

18 A Yes, sir.

19 Q Who was that?

20 A It would have been within our cybersecurity
21 department. And, you know, a specific person that
22 may have done that, I could only speculate who
23 that would be.

24 Q Who would be the possibilities?

25 A The possibilities are Russell McFarland. That's

1 the person I would say.

2 Q Does he use FTK or EnCase or XYZ. What does he
3 use? And I'll strike the first part of the
4 question. What does he use?

5 A He may use both of them. I think we at least have
6 had both products.

7 Q What did Mr. McFarland -- what was his job at
8 SCANA?

9 A He was an analyst in terms of the employee badging
10 system. He worked with physical security in terms
11 of maintaining cameras, and he worked some in
12 cybersecurity forensics which would include your
13 FTK and EnCase.

14 Q So there was at least talk that they were going to
15 go and image the desktops?

16 A There was talk about that. I don't now what the
17 final dispensation was.

18 Q Was there also talk about imaging all the phones?

19 A The topic came up. I don't know what the final
20 dispensation was.

21 Q Who would know the final dispensation?

22 A I don't know. Russell might know or -- you know,
23 he may know.

24 Q Okay. So he's the best guy to ask. What types
25 of -- I assume that Mr. McFarland did,

1 essentially, a lot of IT investigations as well?

2 A I don't know.

3 Q Do you know of any IT investigations that took
4 place?

5 A Can you define investigations?

6 Q Well, as far as investigations into litigation
7 or -- Let's start with investigations with regard
8 to litigation. Any type of lawsuit or possible
9 lawsuit?

10

11 MS. NEWTON: I'm going to object here. Just
12 to the extent it reveals the substance of
13 privileged communications, I would tell you not to
14 get into that if you've had legal communications
15 with attorneys on this topic.

16 MR. GALVIN: I think we already dealt with
17 that earlier, didn't we? He stated that he was
18 only going to tell me what he learned outside of
19 attorneys.

20 MS. MOODY: Again, she's just reminding him.

21 MR. GALVIN: Yeah, but I don't think you can
22 give a speaking objection.

23 MS. NEWTON: That's not a speaking objection.
24 I'm objecting to him providing any information
25 related to privileged communication. That's all

1 I'm doing.

2 MR. GALVIN: I think that's instruction, but
3 we'll move on.

4

5 BY MR. GALVIN:

6 Q Mr. McFarland is not an attorney, right?

7 A That's correct.

8 Q Can you tell me about anything you know about
9 investigations that you didn't learn from
10 attorneys?

11 A I know the concept that when attorneys request
12 information or there's some process of contacting
13 us and saying, "Hey, we need all records
14 associated with that," and there's a process for
15 that that, you know, we provide that information
16 to them, to the requesting attorneys.

17 Q Would that always come from the attorneys?

18 A I don't know. I'm not trying to be short or
19 anything; I don't know.

20 Q You're fine. I'm not trying to give you a hard
21 time. Do you have knowledge of any investigations
22 by SLED, the FBI, the SEC, or any governmental
23 agencies?

24 A No, sir.

25 Q You have not been -- you have no knowledge of

1 that?

2 A None that I can think of, sir.

3 Q Do you know who would have handled the IT portion
4 of that?

5 A No, sir.

6 Q With regards to -- does SCANA have remote workers?

7 A We have in the past. I can't tell you how that
8 works now. When you say "remote," can you define
9 that?

10 Q Well, what I'm asking is, do people work the
11 terminal server or some remote desktop type?

12 A Well, a lot of employees have, including myself,
13 have the ability to log on remotely. You know,
14 basically, I can log in from home using proper
15 authentications and get to my work computer.

16 Q And you can run your work computer from there?

17 A Yes.

18 Q And then you can use the CIS system?

19 A I cannot because I don't have access to it, but a
20 person in that area probably could.

21 Q How do you access the CIS system?

22 A I don't know, sir.

23 Q Tell me about the company cell phones that they
24 provide.

25 A Yes, sir.

1 Q Do they have a contract with a cell phone company?

2 A I'm not sure how that works. You know, at one
3 time we had a contract with Blackberry, but I
4 can't tell you how it works now.

5 Q Was that around 2013?

6 A Probably.

7 Q So you don't know -- do you know who managed all
8 of the cell phones?

9 A Now that would be Tim Ritter.

10 Q Tim Ritter, okay. You asked me if we could take a
11 break in an hour, and I want to honor that if you
12 want to?

13 A That would be good.

14

15 VIDEOGRAPHER: This is the end of media
16 number one in the deposition of Robert McKie.
17 We're off the record at 11:11 a.m.

18 (Off the Record)

19

20 VIDEOGRAPHER: This is media number two in
21 the deposition of Robert McKie. We're on the
22 record at 11:26 a.m.

23

24 BY MR. GALVIN:

25 Q We're back, are you ready to go?

1 A Yes, sir.

2 Q Did have one question for you. When people are
3 allowed to remotely access their desktops or their
4 computers, you said that they can do that.

5 A Yes.

6 Q It's impossible to give -- to restrict permissions
7 when you do that, isn't that correct, or to give
8 people read-only access?

9 A Yes, sir, you can give people read-only access.

10 Q So that they couldn't change anything?

11 A Yes, sir.

12 Q And that's pretty -- that's done standard; it's a
13 standard thing to do? It's not out of the
14 ordinary. Is that a better way to say it?

15 A So, you know, there are different -- for instance,
16 SharePoint, it is possible to give persons
17 read-only access to that, whether it's remotely or
18 locally or whatever. So yes, you can do that.

19 Q Okay. You testified that you're aware of a hold
20 being placed after abandonment, correct, after
21 abandonment of the nuclear project?

22 A That there were discussions around that?

23 Q Yes. You were part of those discussions, correct?

24 A Yes. At least some of those, yes.

25 Q And you're not aware of any other holds?

1 A Not specifically. What I testified was I'm aware
2 of the concept of holds and, you know, how
3 attorneys do request that holds be placed on
4 documents, files, mailboxes, whatever.

5 Q But you're not aware of any other hold except for
6 the abandonment hold?

7 A No, sir.

8 Q With regards to the investigation, can you just
9 generally tell me what investigations that you're
10 aware of that occurred in 2018. Any
11 investigations you've had in 2018 that you're
12 aware of.

13 A I know in general of the activity around the
14 abandonment. To be just candid, I've tried to
15 stay away from the news. I've stayed away from
16 it.

17 Q When you talk about the abandonment, are you
18 talking about only an investigation for -- are
19 there several investigations for the abandonment?

20 A I'm not sure.

21 Q What investigations are you aware of? Who is
22 doing the investigation?

23 A I am not sure. When I say I have stayed away from
24 the news, I've stayed away from news. You know,
25 someone may say -- make a comment.

1 Q What comments have you heard and from who?

2 A Just general hall conversation. Someone may say,
3 "Have you read the newspaper?" And I say no, you
4 know, I say I try to stay away from it. I say --
5 I put my headphones on; I got work to do. I just
6 don't need to. It's too -- it just seems like
7 some -- whatever it is, it's going up and down and
8 I stay away from it.

9 Q Has anybody talked to you about being interviewed?

10 A No, nobody's -- when I say no, nobody's initiated
11 with me. A couple persons have made comments and
12 asked do you know why you're being interviewed.

13 Q But I mean interviews, not just depositions, but
14 anybody -- anybody doing a -- asking questions
15 about what occurred?

16 A Not about interviews, no. You know, people ask
17 and say, "What's going on with SCANA?" And I say
18 I don't know. I say I stay out of it. I don't
19 say I don't know; I say I stay out of it; I don't
20 follow the news.

21 Q But I'm talking internally. With your coworkers?

22 A No, not to my knowledge.

23 Q Not to your knowledge?

24 A No, sir.

25 Q Have you received any emails saying that there

1 would be investigations or interviews?

2 A I have seen emails, you know, that have just, you
3 know, somebody forwarded it to me. You know,
4 maybe an article concerning Carlette. But, you
5 know, my comment, "Wow." And barely, barely even
6 listen to it. I just stayed away from it.

7 Q Who would be the person at SCANA that would head
8 up a cybersecurity investigation?

9 A Andy Boutin is over cybersecurity. So he would be
10 involved in any investigative activity from a
11 cybersecurity standpoint.

12 Q Do you know about the logging that SCANA performs
13 on it's access and all of the file logging? Do
14 you know anything about that?

15 A Not really, sir. I know minimally a logging
16 occurs, but in terms of how often or how
17 frequently and to what extent, I do not know.

18 Q Do you know who would know that?

19 A In terms of access? I don't know. It would be
20 someone from the infrastructure side. It could be
21 a -- I don't know who the expert is, but it would
22 be an infrastructure type of knowledge.

23 Q Is there a position that would --

24 A Well, the person over infrastructure is Kevin
25 Singletary. So it would fall within his

1 organization. The person that would be most
2 familiar with logging, I don't know who that would
3 be.

4 Q You don't know, okay. Are you familiar with the
5 IT budgets?

6 A No, sir.

7 Q Who would be the person that was in charge of the
8 IT budgets?

9 A Ultimately, the CIO, but -- which is Stacy
10 Schuler. But the person -- that's more of a
11 financial team thing in terms of mirrored across
12 IT. And Sharon Cloud is responsible for the --
13 managing the financial.

14 Q You with the director of IT, right?

15 A Yes, sir.

16 Q And you didn't do a budget?

17 A Not by much. And what I mean is, the contracts
18 and all those things were handled outside of my
19 area. My budget knowledge would have consisted of
20 salaries and being familiar with that. I had
21 several call center heads and they had budgets in
22 terms of, "Okay, here's what we're currently
23 spending; here's what we're projecting to spend,"
24 but it wasn't a -- any familiarity.

25 Q Was there a consolidated report or something that

1 you received --

2 A The contracts were consolidated and the overall
3 budgets for all the areas were maintained by the
4 financial team.

5 Q Do you know who would have copies of those budgets
6 or would be most familiar with them?

7 A Sharon Cloud would be the current person.

8 Q And she would be -- is she an IT person?

9 A She's an accounting person that works within IT.
10 She is over the financial group. So she is that
11 person.

12 Q Did you do any work with -- let me strike that.
13 With regard to cybersecurity, were you one of the
14 people who would provide access or forward the
15 firewalls or what have you?

16 A No, sir.

17 Q Who was the person that would have the contact
18 with the outside folks?

19 A Can you elaborate on your question a little bit?

20 Q For example, with regard to the New Nuclear
21 Development, I assume some of the stuff was hosted
22 off-site?

23 A I don't know, sir.

24 Q You don't know?

25 A No, sir, no involvement. Nuclear has, more

1 recently, they've gotten their own cybersecurity
2 group. It's part of corporate cybersecurity, but
3 they've got their own persons up there. But
4 that's not my area of expertise.

5 Q Who is the person that is in charge of that?

6 A Mukesh Maisuria is in charge of -- reports to Andy
7 Boutin. Andy Boutin is over cybersecurity and --

8 Q What was her name?

9 A His name is Mukesh Maisuria.

10 Q You got to help me with this.

11 A Mukesh is M-u-k-e-s-h. Maisuria is
12 M-a-i-s-u-r-i-a.

13 Q All right. Do you know what -- what did SCANA use
14 for scheduling? Are you aware of any work
15 scheduling software they use?

16 A Can you elaborate on scheduling?

17 Q With regards to -- I assume Outlook would -- or
18 Exchange would handle all of the personal
19 schedules, correct?

20 A Yes.

21 Q What other kind of schedules were being maintained
22 there that you have knowledge of?

23 A Outside of the maintenance applications I
24 described to you for the plants, I'm not sure.
25 I'm not sure if something different was used, say,

1 at Nuclear in addition to Outlook, or --

2 Q You said that you wrote standards for the
3 organization. Is that correct?

4 A Yes.

5 Q Did you do the document retention standards?

6 A No, sir.

7 Q Who would be in charge of the document retention
8 standards?

9 A Ann Hutchens, who is the corporate records
10 manager.

11 Q Ann?

12 A Hutchens, H-u-t-c-h-e-n-s.

13 Q Okay. And would she be in charge of the IT side
14 as well?

15 A Yes, for document retention, yes, sir.

16 Q As far as emails and everything else?

17 A Yes, sir.

18 Q She'd be the person?

19 A Yes, sir.

20 Q Did you have the policies? Were they saved
21 somewhere or are you aware of any document
22 retention policies?

23 A No, sir. I mean there are policies that exist out
24 there. Where they're saved, I assume, they're,
25 you know, in one of the repositories.

1 Q Can you tell me what you understand with regard to
2 the document retention policies?

3 A We have records or we have documents that, for
4 instance, on Exchange that can be classified as
5 records, corporate records, business records, or
6 just general information.

7 Q What's the difference?

8 A Corporate records is something that you consider a
9 record. I can't give you all of the definition,
10 but there is a perceived need to hold onto this.
11 They are retained for seven years from the time
12 they are declared a record. Something that's
13 considered a business message is held on for three
14 years from the time it's classified as business
15 message. And something that is general, I think
16 is held onto for one year.

17 Q Your memory seems very clear with regards to the
18 record retention policies.

19 A I don't know, sir.

20 Q Did you review them before you came here?

21 A No, sir. No, sir. I mean -- what we have is,
22 there are -- if you, say, created a SharePoint
23 site, which I've created numerous ones, okay? The
24 records management group will periodically notify
25 you that we are going through the process of

1 maintaining our documents, whether that means
2 getting rid of them or whatever. And they say
3 anything you have declared as a record, you need
4 to do that, but you need to at least go in and
5 determine what are records, you know, and make
6 sure you have the appropriate retention assigned
7 to them. So as the owner of several SharePoint
8 sites, I'm intimately familiar with those -- I say
9 intimately, I'm familiar with -- with that, yes.

10 Q And they call them purges, didn't they?

11 A If it's -- you know, they run their program or
12 whatever, and if it doesn't have a retention on it
13 and it's been out there the requisite amount of
14 time, then yes, sir, it will get purged.

15 Q When did the purges occur?

16 A Just sometime -- you know, you're notified in
17 terms of it's going to be running at such and such
18 a time. So I don't know if it's -- I don't know
19 if it's annual. I think it's probably more
20 frequent, but you are given notification.

21 Q Do you think that it's generally run every six
22 months, or?

23 A It could be. It seems like it's probably run
24 twice a year or more frequently, but I can't say
25 that for certain.

1 Q When you would get notification of a purge, would
2 they -- they would give you a list of files that
3 you had. Is that correct?

4 A I don't know, it seem -- I'm not sure. I do know,
5 like in the case of SharePoint, you were told,
6 say, here is a SharePoint site that you maintain
7 and you've got documents out there and you need to
8 go in and look at the records on that -- or look
9 at the documents on that site and make sure you've
10 got the appropriate retention. So the last purge,
11 the last notification I got, I don't remember a
12 specific listing of records being given.

13 Q When was that notification?

14 A It's been in the last three months, somewhere
15 within there. And there are only -- and I can't
16 tell you how this works, but there are only a
17 couple of sites that I had to be concerned about,
18 and I did go in and put the appropriate
19 dispensation on them.

20 Q They told you they were deleting stuff if you
21 don't mark it?

22 A They said you need to make sure that you check. I
23 just scanned it. I knew I needed to go out and
24 address those sites.

25 Q They do the same thing with emails as well, right?

1 A I think so.

2 Q They purge the emails?

3 A Yes, sir.

4 Q Are they continuing to do that?

5 A To my knowledge, yes, sir.

6 Q I think I got off track, which I'm really good at.

7 With regard to the outside vendors, you said you
8 used EMC.

9 A Yes, sir.

10 Q Who else did you use?

11 A FileNet.

12 Q I'm talking about the actual consultant types.

13 A Well, FileNet -- I think FileNet was a corporation
14 and we would leverage consultants from them.

15 Q They would manage your --

16 A They would basically help us when we got ready to
17 perform upgrades. They would talk to us about
18 possible components and features that we're not
19 currently using. You know, they were consultants
20 and salespeople, you know, they basically wanted
21 us to buy more of what they had to offer.

22 Q By more FileNet?

23 A Yeah, buy more FileNet.

24 Q Who was the person that's most familiar with that,
25 as far as the consultant, the external consultant?

1 A The person over FileNet now is Curtis Bigley.

2 Q He's the external guy?

3 A No, he's the IT guy that is over the FileNet.

4 Q Who's the guy that --

5 A I don't know. I don't even remember the persons
6 that were there would I use to.

7 Q What company sells FileNet?

8 A I think it was a FileNet. I don't know if they've
9 changed their name, but at the time it was
10 FileNet.

11 Q So FileNet is FileNet. That's pretty simple.
12 What other stuff did you -- what other external
13 consultants do you know that --

14 A Well, there was IBM and there was Microsoft.

15 Q What did IBM do?

16 A IBM at one time hosted -- not hosted, but they
17 sold us our mainframe computers. So that was the
18 big thing, they were the big boxes that set in the
19 data center. And then we had Microsoft, which of
20 course, our SharePoint, our Exchange, our SQL
21 server.

22 Q What was listed on the SQL server?

23 A The CIS system, customer information system
24 would've been SQL server. You asked me earlier.
25 I think it was Oracle. I think we ended up with

1 SQL, and it was SQL.

2 Q I think Oracle got expensive with the licensing,
3 didn't they?

4 A Yeah.

5 Q With regards to the Microsoft SQL server, you're
6 stating that that holds all the CIS information
7 now?

8 A I can't tell you what it is now. I assume it's
9 SQL server.

10 Q Any clue what version they are running?

11 A No, sir.

12 Q Any clue how -- what else is SQL server hosting?

13 A I don't know.

14 Q But you do know it's hosting the CIS system?

15 A Yes, sir. I think it still hosts CIS.

16 Q With regard to a database like that, a large
17 database, to print one out it'd take an
18 unbelievable amount of time and paper?

19 A When you say to print one out?

20 Q Yeah, if you try to print a database out.

21 A Yes, sir. If you try to -- if what you're
22 referring to is printing out all the customer
23 records, it would take a long time to print those
24 out.

25 Q Like?

1 A Just a long time.

2 Q If you print out a database, correct, you would
3 lose all the relationships that the database would
4 have as well, correct? And, you know, I'm
5 assuming by print, you're talking about hard copy
6 print.

7 A Correct. Yeah, all you've got is the paper. You
8 don't have any associations in terms of what was
9 in place to generate those -- that paper, that
10 documentation.

11 Q Let's go to 101 of database theory. If you would
12 have customer record number one, customer number
13 one would be John Doe, right, and you'd have a
14 billing record number five, right, and then you
15 would have a foreign key that may reference the
16 customer, correct?

17 A Okay.

18 Q And then you would have, essentially, maybe a bill
19 date and a bill amount in the table with the
20 billing records. Does that make sense to you?

21 A Somewhat, but go ahead.

22 Q Does that database structure makes sense to you?

23 A That could be a possible database structure.

24 Q I'm just making a really simple one.

25 A Yes, sir.

1 Q Does that structure makes sense to you? What I'm
2 saying.

3 A Yes.

4 Q So if I printed out the -- if I just printed out
5 the first database table with just the billing
6 information, it would reference the customer
7 number one, correct?

8 A Uh-huh.

9 Q But it wouldn't have the other information that
10 was in the other table that John Doe was really
11 the customer, correct?

12 A Hypothetically, yes. What you've described are
13 relational tables, several tables that can be
14 linked together and you've got a key that ties
15 them all together. You know, if you print off
16 this table, provided you print out that key, you
17 should have a link here. But, you know, there's
18 no guarantee and all that. But you've got -- when
19 you're printing that off, you've got your point in
20 time. So that's what it is as of that moment.

21 Q But my point is, is that you essentially have to
22 piece together all the information to figure out
23 what the data is. Is that correct?

24 A Yes.

25 Q And printed records as well, they might not define

1 what the relationships between the tables are,
2 correct?

3 A Yes, sir. Printed information is just a point in
4 time. That's what you've got.

5 Q So, essentially, to work with the data, you really
6 need it in the database format, correct? Because
7 --

8 A You have to understand what everything looked like
9 at the time that print was generated.

10 Q And you'd have to understand all the relationships
11 as well, right?

12 A Someone would, yes, sir.

13 Q So a record that would say -- and let me back up.
14 The example that I gave you was very simple,
15 correct, it was actually one to many relationship,
16 correct?

17 A Yes.

18 Q That occurs millions of times in databases,
19 correct? That there are multiple records pointing
20 other records, and it's that multiplied by
21 thousands and hundreds of thousands and millions.
22 Is that correct?

23 A Possibly. Depending on how large it is, yes, sir.

24 Q So you lose a lot ability to figure out what the
25 records are if you don't get them in database

1 form. Is that correct?

2 A Yes, sir. The files are the ultimate true.

3 Q To back up a database, it doesn't take -- it
4 doesn't take too terribly long to back up a
5 database, does it?

6 A I can't say that, sir. It depends on how big it
7 is.

8 Q If we compare printing a database to backing one
9 up, what would the time difference be?

10 A I don't know. And when I say that I don't know, I
11 just -- I really don't know. You know, printing
12 would take a long time. It is possible for it to
13 take a long time to back up a database depending
14 on how large it is and depending on what type of
15 storage you have.

16 Q But they backup the databases, did they back them
17 up on a daily basis?

18 A Some things are backed up on a daily basis; some
19 on other frequencies.

20 Q It doesn't take more than a day to back it up,
21 does it?

22 A To my knowledge, it does not.

23 Q But it's a pretty standard practice to backup
24 databases?

25 A Yes, sir.

1 Q What other organizations have you worked with --
2 outside consultants, I'm sorry?

3 A Well, I mentioned FileNet, Microsoft, IBM, EMC.
4 Those are probably some of the primary ones right
5 there.

6 Q Tell me about the people in the IT department.
7 Tell me what each person is and what they manage?

8 A So are you talking about the whole . . .

9 Q I'm talking about the people who are running the
10 place, the guys that are kind of the heads of each
11 department.

12 A You've got Guy Bradley who is the IT director for
13 nuclear.

14 Q Hold on, what does he -- as far as at nuclear,
15 what do you mean by nuclear?

16 A He basically manages all the IT support for the
17 nuclear organization.

18 Q How long has he done that?

19 A Since about 2012, something.

20 Q Who else would you be familiar with?

21 A Ron Bryant is the head of IT infrastructure.

22 Q Tell me about that; what does he do?

23 A He's over the servers, the network, the storage.
24 He's also over customer support, which includes
25 your help desk and workstation support. So that's

1 his role.

2 Q When you say he's over the servers, does he manage
3 the databases?

4 A Yes, that falls within his area.

5 Q And he also manages the networks and the files?

6 A Yes, sir.

7 Q Who else is there?

8 A Andy Boutin is the head of IT cybersecurity,
9 director.

10 Q What does he do?

11 A He basically is responsible for all cybersecurity
12 for IT, and he also helps with the IT, OT, the
13 information technology, operational technology
14 convergence. He plays a big role there.

15 Q Okay. Who else is there?

16 A Marc Gisewhite was just promoted, became an IT
17 director. He was over the -- he was manager of
18 customer information system, and he is the
19 director of customer information systems. Before
20 that, he -- well, he had a retirement and he was
21 acting in that role as director. So the previous
22 director retired.

23 Q So he's the guy that's managing the CIS system?

24 A Yes, he is. That may be it.

25 Q You've got the gentleman who runs the forensics.

1 A That falls in Andy Boutin's area.

2 Q With the gentlemen you've described here, the four
3 gentlemen, would they be intimately familiar with
4 each system that you referenced?

5 A I wouldn't say intimately familiar, but the people
6 within their organizations would be.

7 Q Did you have any interaction with Westinghouse?

8 A No, sir.

9 Q Not at all?

10 A No, sir.

11 Q CB&I?

12 A Who's that?

13 Q You may have answered my question there. Chicago
14 Bridge and Iron?

15 A No, sir.

16 Q Shaw Group?

17 A No, sir.

18 Q Fluor?

19 A No, sir.

20 Q Do you know who's in charge of the backups?

21 A That falls in Ron Bryant's area.

22 Q Do you know what the backup protocol is there?

23 A No, sir.

24 Q And he would be in charge of all database and all
25 file backups as well?

1 A Yes, sir.

2 Q With regards to when you've got an email saying
3 that you've got to go through and select your
4 files you want to retain, do you ever get a report
5 after that?

6 A Not to my knowledge, sir. You know -- no, sir.

7 Q Let me ask you one other thing. Who manages the
8 email system. I may have asked you this before --
9 you need to take a break?

10 A I did have somebody trying to get me from work,
11 but, you know, if we can go ten more minutes, I
12 can -- I can take a break then.

13 Q Who was in charge of the -- who manages the email
14 server?

15 A That falls in Ron Bryant's area, but Tim Ritter is
16 the manager responsible.

17 Q Do you know anything about the landline telephone
18 that SCANA uses?

19 A Not a lot, no.

20 Q Do you have Cisco phones?

21 A Yes, sir.

22 Q Do you know if you run on an SCEP server?

23 A No, sir.

24 Q Do you know who would know that?

25 A That falls in Ron Bryant's area, Tim Ritter is

1 responsible.

2 Q Do you get an email -- when you get a voicemail,
3 do you get an email with the voicemail attached?

4 A Yes, sir. And that may be an option. I think
5 there's a way to go into your -- I can't remember
6 specifically. There are instructions of how to do
7 that, have it go to your voicemail. So it's not a
8 default. At least it was not a default some time
9 ago.

10 Q It wasn't a default to email you a copy of the
11 voicemail?

12 A Right. You had to go in and make a selection.

13 Q But that was an option?

14 A Yes, sir.

15 Q Do you know of any other database -- databases
16 that are being housed there? You said there was a
17 Microsoft SQL server.

18 A No, sir.

19 Q Do you know anything about the storage area
20 network or the SAN?

21 A Not a lot, sir.

22 Q What do you know about it?

23 A We used to have EMC that provided us with storage
24 area network. I don't know if that switched to
25 Hitachi, but it used to be EMC.

1 MR. GALVIN: We can take a break for a
2 minute.

3 VIDEOGRAPHER: Off the record at 12:05 p.m.
4 (Off the Record)

5 VIDEOGRAPHER: On record at 12:21 p.m.

6

7 BY MR. GALVIN:

8 Q Mr. McKie, can you tell me, have you always worked
9 for SCANA services?

10 A For the past 38 years.

11 Q Was it always SCANA Services?

12 A I think it started out being SCE&G. SCANA may not
13 have existed back then. It was called SCE&G.

14 Q One thing I don't understand is the distinction
15 between SCANA Corporation and SCANA Services.

16 A Yes.

17 Q What . . .

18 A So SCANA became a holding company, was formed as a
19 holding company and there were several companies
20 under it. There was an administrative group that
21 was named SCANA Services. So the thought was, by
22 the then president, that he wanted activity-based
23 accounting and wanted to be able to track who is
24 spending what more thoroughly, including what were
25 we paying for our administrative groups. So

1 that's where SCANA services came into being.

2 Q When did that occur?

3 A This would have been in the 19 -- somewhere
4 between 1994 and 1997, somewhere around there,
5 1992, 1997 timeframe.

6 Q Did SCANA Services bill back SCANA for the
7 administrative work?

8 A Yes, sir, we did.

9 Q Would they bill -- do you know if they would bill
10 the New Nuclear Development for their
11 administrative work?

12 A I'm not -- New Nuclear?

13 Q Yeah.

14 A I'm not totally sure how that occurred, but I
15 could only assume they would.

16 Q With the nuclear development, did they have a
17 totally separate IT department?

18 A No, sir -- well, at one point, they did have their
19 own IT department.

20 Q When was that?

21 A It was, I'd say, late 1980s. Well, up until the
22 late 1980s, early 1990s. So somewhere between
23 '86 to '92 they had their own IT department.

24 Q And after -- so they're one -- the New Nuclear is
25 one department with -- let me scratch that

1 question. That was a terrible question. So the
2 IT department is just, at the current stage, is
3 one IT department for New Nuclear and standard IT?

4 A Yes, from the standpoint -- but I need to clarify.
5 There, of course, is no New Nuclear now. We're IT
6 for IT and VC Summer, which is the Unit One, the
7 first nuclear plant that was put into place in the
8 early 1980s or whatever.

9 Q So there's not a separate department?

10 A No, sir. There are persons specifically assigned
11 to VC Summer from IT though.

12 Q Who was specifically assigned?

13 A So within cyber --

14 Q Go ahead.

15 A Within cybersecurity, there is a group that
16 reports to Mukesh Maisuria that handles
17 cybersecurity for nuclear.

18 Q What is that group called?

19 A I think it's cyber threat intelligence for
20 nuclear, but that's not just the -- I'm sure
21 that's not the exact name, but that's what it --
22 what it -- it may be CTI nuclear for short, as an
23 acronym.

24 Q Is there any other group that was just for New
25 Nuclear?

1 A Again, distinction between nuclear and VC Summer?

2 Q I'm talking about Units Two and Three.

3 A No, there's no cybersecurity for Units Two and
4 Three. I mean, that's -- to my knowledge, it
5 just -- it's no longer viable.

6 Q Was there?

7 A I don't know. I don't know if the plan was to put
8 together a cybersecurity organization for that.
9 There may have been.

10 Q Outside of cybersecurity, was there any specific
11 department that was for New Nuclear?

12 A Not to my knowledge, sir.

13 Q Who were the people that were in charge of the --
14 the names of the people that were in charge of the
15 New Nuclear side of things?

16 A When you say "in charge," are you talking
17 cybersecurity?

18 Q Well, just tell me everybody who handled -- well,
19 let's start with that, who was in cybersecurity?

20 A Again, I don't know if they were actually assigned
21 there, but that would have been the person's
22 within Mukesh Maisuria's organization that would
23 have been possibly assigned to New Nuclear.

24 Q Were there IT people on-site?

25 A Yes, the group was on-site for . . .

1 Q What did they do on-site?

2 A They basically -- I don't know what all functions
3 that they do, but they basically look at any
4 threats that may be occurring regarding nuclear
5 systems. And that's just a general -- like, we've
6 got a cyber threat intelligence for corporate and
7 they basically, you know, work on detecting
8 threats and addressing them appropriately.

9 Q Is there any other organization, IT organization,
10 that you're familiar with other than . . .

11 A Just vaguely. There's a group that -- I'm not
12 sure what their function is, and they were VC
13 Summer, they're not New Nuclear. Ken Broome is
14 the head of that. I'm not sure what they do.

15 Q You're not sure what they do?

16 A I'm not sure what they do. I know he's up there.
17 I think he helps manage the servers and things up
18 there, but I'm not sure.

19 Q The servers where?

20 A At VC Summer.

21 Q So are there -- what servers are on site there?

22 A They've got some servers that they may have at
23 their local or work stations they've certainly
24 got.

25 Q Maybe my definition of a data center was too

1 specific. You said they were housing data in
2 Cayce?

3 A Yeah, those are our corporate.

4 Q And the other one was downtown Columbia, right?

5 A Uh-huh.

6 Q What else was -- you said there was stuff housed
7 at the data center at NND?

8 A To my knowledge, there's not a data center at NND.
9 Ken Broome -- this is what I can say -- as far as
10 I understand it, this is what I can say. I know
11 they work some of the workstations up there. So
12 beyond that, you know, I'm speculating. That's
13 just speculative.

14 Q Do you know if there's a set of servers in
15 Blythewood?

16 A No. Now, we do have some servers. We do have a
17 location, I'll just describe it as -- I'll just
18 say near Chapin. We do have a location that there
19 are some servers up there. They are backup. If
20 I'm not mistaken, they are backup.

21 Q Do you know who manages those backup servers?

22 A That would be within Ron Bryant's area.

23 Q Ron Bryant?

24 A Yeah.

25 Q Bryant with a T?

1 A Yes.

2 Q When I asked you if you received any emails or
3 anything about this case, you stated you got an
4 email about Carlette Walker, and you said "wow."

5 A Yeah.

6 Q Why did you say "wow?"

7 A As not to be rude. You know, if somebody's
8 saying, "Have y'all seen this?" And I said "wow."

9 Q What does the "wow" refer to?

10 A Just the fact that the description of the article
11 said something about somebody's testifying or
12 something like that; I just said "wow."

13 Q And did you read the article?

14 A Not really, no.

15 Q Not really?

16 A I may have read the first paragraph or two. I
17 stayed away from it. I just -- I just didn't want
18 anything to do with it.

19 Q With regards to the emails you got stating that
20 they are going to delete or purge data, with those
21 deletions, what types of files are you getting
22 notice is going to be purged?

23 A Just emails and, you know, saying that -- I'm
24 paraphrasing, the records management process is
25 going to be running there, please go and look at,

1 you know, such and such by, you know, your
2 information by such and such.

3 Q Like the FileNet documents?

4 A Yeah. I can't tell you FileNet because I don't
5 have it and I don't get a notification for FileNet
6 documents. Mine have been more targeted in terms
7 of SharePoint in particular.

8 Q SharePoint in particular?

9 A Yes, sir.

10 Q And the home directories are purged as well. Is
11 that correct?

12 A Yes, sir.

13 Q And I think the H drives are the home directories,
14 correct?

15 A It could be. It used to be H drive.

16 Q You said there was also previews of the purged
17 items, what they're planning to purge?

18 A At least at one time there were, but I don't know
19 now.

20 Q Do you know if there's somebody -- do you know,
21 when the purges went through, did you realize that
22 some documents were missing after the purge?

23 A If you were paying attention, you would notice
24 that some of the more dated items that you had,
25 say an email or whatever, were no longer there.

1 Q And nobody's told you that they stopped the actual
2 deletions?

3 A That's correct.

4 Q Now, you understand that we represent the
5 customers in this case, right?

6 A Yes, sir.

7 Q And there's allegations that a lot of bad things
8 occurred, correct? There are -- allegations have
9 been raised that improper things occurred?

10 A Yes.

11 Q If you were looking for information, where would
12 you look?

13

14 MS. NEWTON: Object to form.

15

16 Q As far as the -- if you were investigating -- if
17 you were investigating to see if there was any
18 wrongdoing, what would you look into?

19 A I don't know if I can answer that. I'm not sure.

20 Q Any certain systems, or?

21 A It would depend on what those allegations were.

22 Q What if the allegations were is that the -- that
23 SCANA had knowledge that the nuclear project
24 wasn't going well and they did not disclose those
25 to the Public Service Commission or public. Where

1 would you look for that information?

2 A Email, voicemail, whatever.

3 Q Any other thing you think you would look through?

4 A No. Your hard drives, text messages.

5 Q Would those text messages, would those be saved in
6 the Exchange server?

7 A I'm not sure.

8 Q Not sure?

9 A You know, I do not -- well, you got two types of
10 text messages. You've got the instant message
11 that's done on the computer itself, and that could
12 be saved, could possibly be saved. Then you've
13 got text through your mobile phone.

14 Q Blackberries use a push server, right?

15 A I'm not sure what Blackberries use.

16

17 MR. GALVIN: That's all the questions I have
18 for you, sir?

19 THE WITNESS: Okay.

20 - - - - -

21 EXAMINATION

22 BY MS. NEWTON:

23 Q I just have a few questions for you, Mr. McKie.

24 With respect to databases used by the New Nuclear
25 project, and based on your rules and

1 responsibilities at SCANA, do you have any
2 familiarity with those databases?

3 A No.

4 Q Do you have familiarity with the CHAMPS database?

5 A No. Outside of general description of what it
6 does.

7 Q Do you have personal knowledge of what a report
8 generated from any of these databases would look
9 like?

10 A No.

11 Q Have you run such a report from any of these
12 databases?

13 A No.

14 Q You testified earlier about legal holds. Is that
15 correct?

16 A Yes.

17 Q Do you handle the legal hold process?

18 A I do not.

19 Q Mr. Galvin was asking you a series of questions
20 related to email purges. Do you recall that?

21 A I think so, yes.

22 Q Were you describing emails that you were receiving
23 individually as an employee of the company?

24 A Yes. And I say that. If you can repeat the
25 questions that were being asked, I can tell you

1 more specifically.

2

3 MS. NEWTON: I don't have any further
4 questions.

5 MR. SOLOMONS: I don't know how we're playing
6 Santee's participation in this.

7 MS. NEWTON: You're welcome to ask questions
8 if you want to.

9 MR. CHARLES: I don't have any questions.

10 - - - - -

11 RE-EXAMINATION

12 BY MR. GALVIN:

13 Q What is your general understanding of what the
14 CHAMPS database does?

15 A It works much like Maximo in terms of being able
16 to handle the maintenance scheduling functions of
17 OT areas.

18 Q Do you know if that was used for the New Nuclear?

19 A I do not know.

20 Q I can't remember, and I'm certain you answered
21 this, but just so I don't have to go back, was
22 CHAMPS, was that a custom software solution?

23 A I'm not sure. I think it was. When I say
24 "custom," I don't think it was necessarily
25 in-house developed, but we had a third party to

1 develop it for us.

2 Q When she asked you about the printouts and the
3 reports from databases, what you and I were
4 discussing was essentially general database
5 theory, correct? So that would underline any
6 report or any database use. Is that correct?

7 A What? General concepts that we were talking
8 about?

9 Q Correct.

10 A I hesitate to say any, but probably a majority of
11 them.

12 Q So, for instance, if you're going to print a
13 report, if you're going to print a table, that
14 would not include the other references or the
15 other data?

16 A Right. Yes, I would agree with that.

17 Q And you would agree that if you provide a database
18 in the backup form, that that preserves the
19 integrity of the relationships. Is that correct?

20 A Yes. As long as -- yes, as of that period of time
21 that it was backed up.

22 Q Correct. The minute you back it up, it preserves
23 all of the relationships and, essentially, the
24 richness of the data. Is that correct?

25 A Yes, sir.

1 Q And a static report wouldn't preserve all of the
2 richness and relations.

3 A Not to the extent the file is used to create that
4 report would. That is correct?

5

6 MR. GALVIN: That's all I got. Thank you.

7 MS. NEWTON: I'd like to say, we'd like to
8 reserve the right to read and sign. I think we
9 talked about that already, but yes.

10 MR. SOLOMONS: We still on the record? The
11 other thing that we want to put on the record is
12 although you have designated this entire
13 deposition as confidential, in other depositions,
14 I've told John we understand that that is
15 something you'd like to do and we aren't waiving
16 any position by not disputing that right now,
17 okay?

18 MS. NEWTON: We understand that.

19

- - - - -

20 (Whereupon, there being no further
21 questions, the deposition concluded at
22 12:42 p.m.)

23

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CERTIFICATE

Be it known that the foregoing
Deposition of ROBERT MCKIE, JR. was taken by Jennifer
L. Thompson, CVR-M;


That I was then and there a notary
public in and for the State of South Carolina-at-Large;

That the witness was sworn by me or
administered an oath of affirmation to testify the
truth, the whole truth, and nothing but the truth,
concerning the matter in controversy aforesaid;

The foregoing transcript represents
a true, accurate and complete transcription of the
testimony so given at the time and place aforesaid to
the best of my skill and ability;

That I am not related to nor an
employee of any of the parties hereto, nor a relative
or employee of any attorney or counsel employed by the
parties hereto, nor interested in the outcome of this
action.

Witness my hand and seal this 4th day of
September 2018.



Jennifer L. Thompson, CVR-M

Notary Public for South Carolina
My Commission Expires: August 14, 2019

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DEPOSITION ERRATA SHEET

In the matter of: Richard Lightsey, et al. vs. SCE&G,
et al.

Deponent: Robert McKie, Jr.

Date of Deposition: 8/30/18

- - - - -

DECLARATION UNDER PENALTY OF PERJURY

I declare under penalty of perjury
that I have read the entire transcript of
my Deposition taken in the captioned matter
or the same has been read to me, and
the same is true and accurate, save and
except for changes and/or corrections, if
any, as indicated by me on the DEPOSITION
ERRATA SHEET hereof, with the understanding
that I offer these changes as if still under
oath.

Signed on the _____ day of
_____, 20__.

ROBERT MCKIE, JR.

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