

EXHIBIT 10

Case No. 2-1998-023

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FOIA- 2001-0012

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EXHIBIT 10

C O N T E N T S

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WITNESS

EXAMINATION

JAMES GARY ADAIR

BY MR. CLAXTON, MR. WHITE AND MR. FINE

4

E X H I B I T S

NUMBER

IDENTIFIED

[NONE.]

P R O C E E D I N G S

[12:05 p.m.]

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3 MR. CLAXTON: For the record, today is March
4 22nd, 1999. This is an interview of James Adair. This
5 interview is being conducted at the Watts Bar Nuclear Plant
6 administration building. Also present at the interview is
7 Special Agent Darrell White of the Nuclear Regulator
8 Commission, Office of Investigations, Region Two, myself,
9 Gary Claxton. I'm also a special agent with the Nuclear
10 Regulatory Commission, Office of Investigations, and Mr.
11 White and I have officially identified ourselves to Mr.
12 Adair in that official capacity.

13 Also in attendance today is Mr. Tom Fine, and at
14 this time, Mr. Fine, if you'll identify yourself and your
15 purpose for being here.

16 MR. FINE: I'm Thomas Fine, assistant general
17 counsel, Office of the General Counsel, the Tennessee Valley
18 Authority, and I'm here representing Mr. Adair and the
19 Tennessee Valley Authority.

20 MR. CLAXTON: Mr. Adair, have you met or were you
21 aware of Mr. Fine's identity?

22 THE INTERVIEWEE: Yes.

23 MR. CLAXTON: And you're aware that he's an
24 attorney for your employer?

25 THE INTERVIEWEE: Yes, I am.

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1 MR. CLAXTON: Are you also aware that he has the
2 right to share any information he hears today with your
3 employer?

4 THE INTERVIEWEE: Yes, I am.

5 MR. CLAXTON: And knowing that, does he have your
6 permission to be here today?

7 THE INTERVIEWEE: Yes, he does.

8 MR. CLAXTON: Do you also realize that you have a
9 right to provide confidential information to the Nuclear
10 Regulatory Commission at any time without anyone else being
11 present?

12 THE INTERVIEWEE: Yes, I do.

13 MR. CLAXTON: Okay. Do you have any objections
14 to providing the information today under oath?

15 THE INTERVIEWEE: No.

16 MR. CLAXTON: Would you raise your right hand,
17 please?

18 Whereupon,

19 JAMES GARY ADAIR,
20 the Interviewee, was called for examination and, having been
21 first duly sworn, was examined and testified as follows:

22 DIRECT EXAMINATION

23 BY MR. CLAXTON:

24 Q If we could, I'd like to go through and just get
25 some background information from you. First of all, your

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1 full name.

2 A James Gary Adair.

3 Q Spelling of your last name is?

4 A A-d-a-i-r.

5 Q And what's your address, Mr. Adair?

6 A

7 Q And your residence telephone number, please?

8 A

9 Q Are you employed here at the Watts Bar Nuclear
10 Plant?

11 A Yes, I am.

12 Q For Tennessee Valley Authority?

13 A Yes.

14 Q How long have you been employed with TVA?

15 A Be 29 years March 30th.

16 Q Okay. Do you mind generally just starting at the
17 present and going back and giving us your experience, what
18 you've done the best you can?

19 A Okay. My present, I am the lead civil engineer
20 here at Watts Bar. I've been in that capacity approximately
21 five years. Prior to that I've worked on various other
22 aspects of Watts Bar, including the welding project, did the
23 civil issues projects here at Watts Bar. I cam to Watts Bar
24 14 years ago in February.

25 Prior to that I was in Knoxville, worked on the

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1 Watts Bar Nuclear Plant there. Previous to that I worked on
2 the Hartsfield Nuclear Plant and I've worked on the Browns
3 Ferry Nuclear Plant.

4 And in those capacities I have been from -- in
5 1970 when I came to TVA as an entry level engineer up
6 through the ranks to supervisor into my present position.

7 Q Have you always worked in the nuclear field?

8 A Yes.

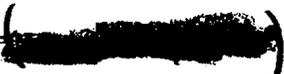
9 Q Are you degreed?

10 A Yes.

11 Q Would you tell me a little bit about your formal
12 education?

13 A I have a BS degree in civil engineering from
14 Tennessee Technological University.

15 Q And when did you receive that?

16 A  7C

17 Q And as lead civil engineer can you briefly
18 describe what your responsibilities are?

19 A Okay. I am responsible for the structural
20 aspects of the plant, being the structural -- whether it be
21 the buildings, the piping systems, the hangars for the
22 piping systems, all of the suspended commodities, such as
23 conduit cable trades, VAC, anything to do with the floods
24 here on site, the ground light. It's basically civil
25 engineering from top to bottom.

1 Q Now, we'll get into the ice condenser screws
2 later, but would your responsibilities include generally ice
3 condenser screws?

4 A It would generally, if someone asked for a
5 structural evaluation of it, we would get that done, whether
6 it be by us or by a contractor.

7 Q Now, what department are you the lead civil
8 engineer?

9 A I'm with site engineering.

10 Q And who do you report to? Who would be your
11 immediate superior?

12 A Immediately right now is John Kanmayer, and he is
13 the design manager.

14 Q Okay. In 1995, which is the time period we'll be
15 discussing at the time there were -- these ice condenser
16 screws were tested, do you recall who your supervisor was?

17 A Walt Elliott.

18 Q Do you recall what his title was?

19 A He was the engineering manager.

20 Q Is he still employed here?

21 A He is no longer at Watts Bar. He is I think with
22 Transmission Planning in Chattanooga.

23 Q Now, who do you supervise, what -- can you tell
24 me a little bit about who you have oversight over?

25 A Oversight? Do you want the people's names or --

1 Q No, just generally.

2 MR. FINE: And excuse the interruption, just
3 clarification in time frame. Would this be again the '95
4 time frame?

5 BY MR. CLAXTON:

6 Q Yes.

7 A At that time frame it's probably no different
8 than it is now. At that time I was responsible for -- I'm
9 trying to remember -- three or four sections. One would be
10 a structural section, which dealt with general engineering.
11 One would be a piping and support section, and one was what
12 we call an ESQ or equipment qualifications section.

13 Q I'm sorry, what was the first one?

14 A The first one was a structural.

15 Q Thank you. Now, as we talked about before the
16 interview, our primary interest here will be the ice
17 condenser basket, screws that were examined back in 1995.
18 Do you recall being involved with that or tell me how you
19 became involved with that issue.

20 A I became involved when there was -- the PER was
21 written. PER is a problem evaluation report.

22 Q Okay.

23 A And when the PER was written against the screws,
24 during the development of the corrective action, when they
25 asked for a structural evaluation, provided part of the

1 corrective action plan.

2 Q Now, when you say they asked, who --

3 A At the time it was -- the PER was written and it
4 was being handled by tech support.

5 Q Was there a particular person that brought this
6 PER to you, can you help me out on how that works a little
7 bit?

8 A The supervisor that handled the PER was Landy
9 McCormick, and the specific person handling it under him was
10 Curtis Overall.

11 Q So the PER was brought to you, if I recall, you
12 said they requested a structural evaluation.

13 A As part of the disposition for a PER, you develop
14 a corrective action plan. And we participated in that
15 corrective action plan.

16 Q We being the site engineer?

17 A Yeah, site engineer.

18 Q And what type request was made? You said they
19 asked for a structural evaluation. Can you get a little bit
20 more detailed?

21 A Okay. As part of the corrective action plan it
22 was how do we assure ourselves that what we have is
23 adequate. So the preliminary that we looked at was to have
24 some screws taken out, looked at my metallurgical labs, and
25 then do a structural evaluation from what we saw.

1 Q So what did you do as a result of that request?

2 A We participated with that in that request. I
3 believe Curtis had taken the screws to be tested, had sent
4 those to the lab, and then our participation was, when
5 requested by Ops to make an operability call, the screw or
6 on the ice condenser baskets themselves, the corrective
7 action plan also had in it that Westinghouse would take a
8 look at the reports, and that's where we would get involved
9 was we would look at the reports, and we would get the
10 reports either to Westinghouse or we would follow what
11 Westinghouse was doing.

12 Q Okay. So you -- and I guess we need to be a
13 little bit more specific, when I say you, am I talked -- or
14 when you say we, are you talking about site engineering or
15 you personally, when you're required to get those reports to
16 Westinghouse, now, are you talking about the reports that
17 would have been produced by the metallurgical labs?

18 A The reports that I'm referring to are the ones
19 produced by the Central Labs. When I say we, it could be --
20 I may need to be a little bit more specific there. My
21 structural engineer, Larry Ketchum, was leading that effort
22 for me, so he was doing the day-to-day or what interfaces
23 were to be done with tech support at the time. So his
24 responsibility was to look at it from a structural
25 standpoint, interface with Westinghouse, and then come up

1 with any conclusions that we would have.

2 Q Okay. Did you have anything, and you personally,
3 did you personally have anything to do with the request for
4 the evaluation at Central Labs concerning the screws?

5 A Personally you asking that?

6 Q Okay. Who to the best of your knowledge, who
7 would have been responsible for requesting that evaluation
8 from Central Labs?

9 A From a responsibility standpoint or from a -- who
10 may have asked for it?

11 Q Well, to the best of your knowledge do you know
12 who in fact made that request of Central Labs?

13 A To the best of my knowledge, it was Curtis
14 Overall.

15 Q Okay. And that's an acceptable practice?

16 A It is.

17 Q Not to go through -- I mean, was that a proper
18 route or proper --

19 A Curtis was the system engineer on that, and I
20 can't tell you if that was a proper route or not, but from
21 the best of my knowledge that's what happened.

22 Q When did you first come to learn of the
23 metallurgical evaluation?

24 A When --

25 Q I know you don't remember dates, but if you can

1 compare it to other events that happened. Did you know or
2 were you advised that these screws were going to be
3 evaluated at the time they were sent in, or did you not know
4 about it until you got the report?

5 A No --

6 Q How did your involvement come about?

7 A During the development of the corrective action
8 plan is when they told me that they were sending some down
9 or had already sent some to the lab.

10 Q Okay. So you didn't find out about it until the
11 screws had already gone to the lab?

12 A Right.

13 Q Okay. And then what happened? How did you or
14 what did you learn about that evaluation?

15 A I got the first report that we spoke of, the June
16 2nd report.

17 Q And is that routine for you to get a copy of that
18 report?

19 A If I were involved from a structural aspect and
20 it was coming in to me for a structural, yes.

21 Q And were you in fact involved from a structural
22 aspect? Were you --

23 A Yes, as part of the corrective action plan, I
24 was, part of the structural aspect.

25 Q Okay. And so did you review that first report?

1 A Yes, I looked at it.

2 Q And what did you review it for? What were you
3 looking for?

4 A I was looking to see if it was complete enough
5 and I also knew that Westinghouse had a copy of the report,
6 and we had also made a request of Westinghouse to give us a
7 structural evaluation so we could use that in the closure
8 process of the PER, so from that aspect it had everything
9 that Westinghouse needed to make the conclusions.

10 Q Now, when you received a copy of the first
11 report, take me through that a little bit. What did you --
12 did you take any actions? What did you find on that?

13 A When I looked through the report, I saw that the
14 lab had drawn several conclusions. And I talked to Terry
15 Woods, and I asked them -- asked him if he could find out
16 some information for me as to how they drew those
17 conclusions, what did they have to draw those conclusions
18 from.

19 Q Do you remember specifically what conclusions you
20 questioned?

21 A Well, it wasn't specific but there were like
22 seven conclusions in that first report, and they had made
23 those conclusions from some information, and I just wanted
24 to see the information -- accuracy of the information and
25 was it information that I didn't have.

1 Q From the standpoint of a metallurgical
2 examination were the conclusions inappropriate or I hear you
3 saying that you weren't sure what information they were
4 basing those conclusions on. Were the conclusions
5 inappropriate in any way? Just --

6 A Are you speaking to me from hindsight or at the
7 time I was --

8 Q At the time.

9 A At the time I was reviewing them, I didn't know.
10 I'm not a metallurgist, and so I was deferring to Terry as
11 to -- from a metallurgical standpoint, but also there were
12 statements I believe in that first report about some --
13 about the cyclic that the screws had gone through,
14 temperature cycles. And I wanted to see -- had those and
15 made sure that those were -- were those accurate and exactly
16 what information they were drawing their conclusions from.

17 Q Okay. Now, if you will help me understand, and I
18 guess the easiest way to do this is why did you call Terry
19 Woods, because it's my understanding he had no supervisory
20 oversight over Central Labs.

21 A Right, he doesn't.

22 Q What was your thinking there or why did you go to
23 Terry, and I'm not saying that in a -- it's not a trick
24 question or anything. I'm just trying to figure out what --

25 A Well, Terry is our chief metallurgist.

1 Q Okay.

2 A At the time I don't know if that was his title or
3 not, but he was my like go-between between the labs and
4 engineer. Terry is out of the Central staff, and so he was
5 my real go-between between the labs. You know how
6 miscommunications can set up with so many people calling the
7 lab or calling any entity with different requests, so I try
8 to deal through Terry with the Central Labs.

9 Q Do you normally, and I think I hear your answer
10 but let me just clarification that. Do you normally contact
11 Terry or Terry Woods for any questions regarding lab
12 procedures or results, is that your --

13 A That's my norm, yes.

14 Q Your normal route.

15 A Yes.

16 Q Had Mr. Woods seen the report when you talked to
17 him?

18 A I don't recall.

19 Q Do you recall if you had to provide a copy of the
20 report or can you tell me a little bit about your
21 conversation?

22 A That's generally the conversation. That's all I
23 can remember about it.

24 Q Was this during normal working hours?

25 A Yes.

1 Q That you recall?

2 A The best I can tell you, because I don't recall
3 talking to Terry afterwards but --

4 Q How did he respond to your request to the best of
5 your recollection?

6 A Best --

7 Q Okay, you asked him --

8 A I asked him and normally Terry tells me let me
9 check into it and I'll get back with you.

10 Q Okay. And did he respond to you?

11 A That I can't remember. I don't recall.

12 Q What was the result of your request or your
13 discussion with Terry? Was another report produced?

14 A Not as a result of my request, but there was
15 another report that was produced.

16 Q Did you read that report?

17 A I have read it, yes.

18 Q Did you read it at the time that --

19 A I can't recall.

20 Q You were or were you using that report to develop
21 a corrective action plan?

22 A That report was only part of it. We had --
23 Curtis had telecopied to Westinghouse this report. I
24 received back from Westinghouse an evaluation -- a
25 structural evaluation that I was looking for that said that

1 about the missing screws and the probability of enough
2 screws being there, that these things were operable, they
3 were still good, and I took that letter and using that
4 letter, knowing that they had all the information to make
5 that letter for me, and used that as the -- in the closure
6 process.

7 Q Do you recall about how long the time period was
8 from the time you made the request of Terry until you
9 received the report back from Westinghouse?

10 A No, I don't.

11 Q Now, if I understand you correctly, and I'm
12 trying to keep up with who called who when, you had this
13 discussion with Terry Woods and you questioned some of the
14 conclusions because you didn't understand what they were
15 basing those conclusions on?

16 A That's right.

17 Q Okay. And Mr. Woods said he would look into it.
18 And then you received a report back from Westinghouse
19 regarding the structural aspects of the screws?

20 A Yes.

21 Q Did you provide any other information to
22 Westinghouse?

23 A Personally, no, not that I can recall.

24 Q Did you have any other discussions with the lab
25 people -- let me just ask you one question at a time. Did

1 you meet with the Central Labs staff regarding their -- how
2 they come about these findings?

3 A Not that I can recall.

4 Q Did you meet with any of the site personnel
5 regarding the metallurgical exam or the results of that
6 metallurgical exam?

7 A Not that I can recall.

8 MR. CLAXTON: Why don't we take a brief break at
9 12:30.

10 [Recess.]

11 MR. CLAXTON: Back on the record at 12:33 p.m.
12 with the same parties present, and Mr. Adair, I will remind
13 you that you are under oath.

14 THE INTERVIEWEE: Yes.

15 MR. CLAXTON: The information that you give us --

16 BY MR. CLAXTON:

17 Q And prior to the break I was trying to find a
18 document to ask you about. I'd like to show you a sign-in
19 sheet or what was purporting to be a sign-in sheet at a
20 meeting dated June 14th, 1995. Let me show that to you and
21 see if you're familiar with that. I think you had said that
22 -- this is supposedly a sign-in sheet on that date here at
23 the site where the ice condenser screws were discussed.

24 A Uh-huh, okay.

25 Q And just without reciting all the names, you see

1 them there, and I believe your name is down toward the
2 bottom.

3 A Yes, it is.

4 Q Is that your name?

5 A Yes, it is.

6 Q Do you recall a meeting here at the site where
7 the ice condenser screw issue was discussed? I see Mr.
8 Woods' name is on there.

9 A I see the names but I do not remember this
10 meeting.

11 Q Have you talked to anyone else in trying to
12 refresh your memory prior to our interview today as to
13 whether that meeting took place even or what went on?

14 A I went back through my Franklin Planner.

15 Q Mm-hmm.

16 A And I could not find anything on that meeting.

17 Q Do you still have your Franklin Planner for that
18 day?

19 A Yes.

20 Q Okay. Can you make that available?

21 A Any time.

22 Q Do you recall looking -- well, of course, until
23 we are sitting here you wouldn't have had any reason to look
24 specifically at June 14th I guess.

25 A No.

1 Q Do you have your Franklin Planner nearby? Is it
2 in your office?

3 A It's in my office.

4 Q Okay. Do you recall any meetings at any time
5 where you met with Mr. Woods and others regarding how to
6 dispose of the ice basket screw issue?

7 A Could you repeat that?

8 Q Okay. There supposedly was two meetings that Mr.
9 Woods hosted or narrated or led, and I believe both of them
10 were on June 14th, and I'm just giving you information that
11 was provided to me, so one of the meetings was at the
12 Central Lab where some of the lab personnel were present.
13 Were you a part of that meeting?

14 A No, sir, not that I can recall.

15 Q And then supposedly this was another meeting and
16 this is the sign-in sheet that we're looking at here on June
17 14th and this was supposedly a meeting where the ice basket
18 screws were discussed here on the site, and supposedly Mr.
19 Woods narrated this meeting and discussed the issue. And my
20 question to you is seeing this list, and knowing what we've
21 talked about now, do you recall anything at all about that
22 meeting?

23 A No, sir, I sure don't.

24 Q Do you recall any involvement in the corrective
25 action procedure with the ice screw issue? In other words,

1 were you involved at all with the ice screw -- is it okay if
2 we just call this the screw issue? It's kind of hard to
3 say.

4 A That's fine, if you're comfortable with it.

5 Q If I say the screw issue, do you understand --
6 can we agree that we're talking about the new screws that
7 were referenced in the first report? I believe it was
8 identified as Set B. Would you like to take a look at that
9 first report to refresh your memory?

10 MR. FINE: I don't have my copy, I apologize.
11 Mr. Viglucci left it out in his car.

12 THE INTERVIEWEE: If you'd like to go ahead, I'll
13 try to --

14 BY MR. CLAXTON:

15 Q I have a marked up copy that was faxed to us, but
16 we can agree that that is generally a copy of the June 2nd
17 report.

18 A Yes, it is.

19 Q And on set B down toward the beginning of the
20 narrative, Set B refers to some new screws.

21 A Correct.

22 Q That were submitted for metallurgical evaluation.
23 So as we talk, if I refer to the screws or Set B screws in
24 the first report, that's primarily what I'll be dealing
25 with.

1 A Yes.

2 Q For our purposes. Now, knowing all that, my
3 question to you is did you meet with anyone regarding the
4 Set B screws after you discussed this issue with Mr. Woods?
5 In other words, you called Mr. Woods and you had some
6 questions about conclusions.

7 A Right.

8 Q And he said he would look into it. Did you have
9 any meetings after that regarding the Set B screws?

10 A Not that I can recall.

11 Q Okay. Do you recall when you saw the second
12 report or the June 19th report?

13 A No, I can't.

14 Q Do you know who that report was delivered to, if
15 it was produced by the metallurgical -- or I'm sorry, the
16 Central Labs, who would have received that report for
17 evaluation, the second report?

18 A The second report? Specifically by name, I'd be
19 guessing, but it would have come into our materials group
20 who was under the lead mechanical engineer at the time. By
21 name, it could have been Vonda Sisson or it could have been
22 Dave Briggs.

23 Q Vonda, V-o-n-d-a, S-i-s-s-o-n? And what was the
24 second name?

25 A David Briggs.

1 Q B-r-i-g-g-s?

2 A B-r-i-g-g-s.

3 Q One of the issues that we're dealing with here,
4 Mr. Adair, is that information regarding the Set B screws
5 that was referred to in the first report was not referred to
6 in the second report, the issue being there was an
7 examination of some new screws, there were some findings,
8 and that information was not included in the second report.
9 Did you ever become aware of that or are you aware of that
10 now?

11 A I'm aware of that now, yes.

12 Q Do you know when you learned that?

13 A No, I can't tell you. I don't know to the best
14 of my memory. But Westinghouse had the first report and we
15 knew that, and then they gave me the structural evaluation,
16 using whatever techniques they used, and whatever
17 information that we had sent them.

18 Q Okay. Now, how did you know they received that
19 report?

20 A I had been told that by Curtis or by -- let me
21 take that back. I don't know that it was specifically by
22 Curtis or if it was someone in our chain, whether it had
23 been Larry Ketchum that had been working on it, but I was
24 apprised of the fact that it was in Westinghouse's hands.

25 Q Now, did you see the report that was produced by

1 Westinghouse?

2 A I have seen the structural report, yes.

3 Q From your memory do you recall that they
4 referenced that lab report in any way?

5 A If you've got the document, I'd like to look and
6 refresh my memory on it.

7 MR. CLAXTON: Okay. We'll take a break in just a
8 few minutes, but let me -- I'm not sure I can put my hands
9 on that right this instant. Okay, I tell you what, let's go
10 ahead and take a break because I need --

11 [Recess.]

12 MR. CLAXTON: We're back on the record at 12:54
13 p.m., and once again, Mr. Adair, I'd like to remind you that
14 you're under oath for the information that you provide.

15 BY MR. CLAXTON:

16 Q Now, during the break I provided a copy of a
17 field deviation report, and since you have that in front of
18 you, do you see a date on that, or maybe a date at the
19 bottom where it --

20 A There's a date that's signed by Gordon Yetter on
21 6-15-95.

22 Q Now, what's the general purpose of a field
23 deviation report? Who would initiate that?

24 A A field deviation report is a Westinghouse
25 document that is produced in this case on site, and would be

1 sent to their home office, and they then could be
2 dispositioned out of there.

3 Q Can you tell from reviewing that report why it
4 may have been initiated?

5 A The why is in the description. It states 162
6 screw heads and 32 screws were found on the floor of the ice
7 condenser and ice fallout melt tank, after ice loading and
8 weighing operation, which was done in late '94, and it
9 references a customer PER 95-0246R1.

10 Q Now, was that the PER that was initiated by Mr.
11 Overall?

12 A That's correct.

13 Q The best of your recollection?

14 A Yes.

15 Q Now, is there a request for action on that field
16 deviation report, is that a request for some type of
17 evaluation from Westinghouse?

18 A Not from TVA. It's an internal Westinghouse
19 document.

20 Q And my question to you may just be from your
21 general knowledge. I realize you didn't initiate this. Did
22 you get a copy or did you sign it?

23 A No, I did not get a copy at the time, nor have I
24 signed this.

25 Q So my question would be just for my general

1 edification, just so I can understand it a little bit from
2 what you recall of what you understand on it. What would
3 Mr. Yetter, and I believe he spells his name Y-e-t-t-e-r,
4 what is he asking or noting there, what action needs to be
5 taken to the best of your understanding?

6 A I would -- to the best of my ability I think that
7 this would be very similar to our PER process, where it went
8 into their organization as a deviation, and then after the
9 top half is initiated, then you will complete the bottom
10 half of the document, where any dispositions to the
11 description of deviation.

12 Q Just from your own knowledge, do you know if
13 there was any dispositions from that field evaluation
14 report?

15 A I can read what it says here. It says no action
16 required, condition described as acceptable as is, per
17 attached Westinghouse evaluation report, Number
18 MSE-REE-1371, dated 6-22-95, titled Westinghouse assessment
19 of broken ice basket sheet metal screws.

20 Q Okay. Have you seen a copy of that Westinghouse
21 report that you just referenced?

22 A Yes, I have.

23 Q Have you seen a copy of it before today when I
24 handed you a copy?

25 A Yes.

1 Q Okay.

2 A We used -- this is what we call a Wat-D, it's
3 W-a-t-D-10048, is this document, and we used that document
4 as part of the disposition of the PER that we had, the PER
5 246.

6 Q Okay. In what way did you use that as a
7 disposition?

8 A We were looking at the structural aspects of it,
9 and this made an assessment of the structural aspects.

10 Q Now, I asked you during the break and I'll ask
11 you again on the record, if you had a chance to review that,
12 and I want you to feel comfortable in your answer. If you
13 need to take more time, you certainly may, but is there any
14 reference in the Westinghouse report to either of the lab
15 reports that were produced by the Central Labs Services?

16 A Not that I could find.

17 Q Is that significant?

18 A I don't know that it is. I don't know that it
19 isn't. I know that they produced me a report off of the
20 documents that they had received, and we knew that they had
21 received at least the first report.

22 Q Okay. So when you say they, you mean
23 Westinghouse produced a report and that's the one you're
24 looking at now?

25 A Yes.

1 Q Do you recall when you saw the first report, did
2 it stand out or was it significant that there was a -- at
3 least one reference, and I believe there were two
4 references, to new screws that may have had manufacturing
5 defects?

6 A I may have read that and I may have missed that
7 as an attribute but when I looked at the structural aspects
8 of it from the disposition that Westinghouse gave me, they
9 did it on a probablistic evaluation, and said that they were
10 structurally okay, the baskets were structurally okay.

11 Q But the question is rather than structurally, I
12 think that's probably -- or I'll ask you, is that from a
13 statistical viewpoint?

14 A Yes, it was.

15 Q Do your knowledge, the best of your knowledge?

16 A Mm-hmm.

17 Q But also I think you said that you're not aware
18 that -- I'm sorry, you said that to the best of your
19 knowledge they had received a copy of the first lab report
20 but that there was nothing mentioned in there about the Set
21 B screws or any manufacturing defects?

22 A That is correct.

23 Q Okay. Now, let's kind of back up just a little
24 bit and let me ask you as an engineer, is it significant
25 where there is some indication of a manufacturing defect in

1 a screw or in any -- any component in the nuclear plant,
2 knowing what we know now what should have occurred in the
3 normal course of events with that information from the
4 Central Labs Services regarding the Set B screws?

5 A Okay. We're talking present day?

6 Q No. Let's talk about at the time there was a
7 report that was produced that referred to a possible
8 manufacturing defect of new screws, what should have
9 happened at that time regarding that information, that
10 specific information?

11 A Well, I think what should have happened is what
12 did happen, and that was get the report into Westinghouse's
13 hands. Now, did we get it to the right person in
14 Westinghouse? We could ask that question. But we got it to
15 their structural people who did sign these documents to make
16 that structural evaluation.

17 Q Now, when you say we got it to them, you're -- I
18 think you said that you have knowledge that Mr. Overall --

19 A That's correct.

20 Q -- forwarded that report to them?

21 A That's correct.

22 Q Did you have any conversations with anyone at
23 Westinghouse regarding that information?

24 A I can't recall.

25 Q Do you know if the second report was forwarded to

1 Westinghouse?

2 A That I can't recall at the time that that was
3 done. Has it been formally sent to them within the last six
4 to eight months? The answer to that is yes.

5 Q Okay. Of course, what we're concerned with at
6 this time is the dealing or the disposition or the
7 information at that time.

8 A Right.

9 Q Now, you talked about -- let me back up and ask
10 that question in a different way. I asked you what should
11 have happened with that information, and I think you said it
12 should have been forwarded to Westinghouse, and in fact it
13 was, but yet we don't see any reference to it in the
14 Westinghouse report. Is there any possibility or to your
15 knowledge is there any possibility that that report was not
16 considered by Westinghouse?

17 A I would have no knowledge of that.

18 Q Okay. I have a report here. Apparently it was
19 authored by Terry Woods. It's titled Reconciliation of
20 Watts Bar Nuclear Plant Ice Condenser Basket Screws Report.
21 And the cover letter has a RIMS date of October 20th, 1998.
22 Did you or were you involved with Mr. Woods in any way in
23 preparing that report?

24 A We were part of the report. We asked for the
25 reconciliation between the two.

1 Q Now, when you say we --

2 A Site engineering.

3 Q Okay. And what was the purpose of asking for
4 that report?

5 A The reports had two different -- had some
6 differences in them as we've spoken. It was to see what
7 those differences were. People like yourself were asking
8 what are the differences.

9 Q On Page 3 of that report.

10 A Mm-hmm.

11 Q Under Item 3, and the first paragraph, the last
12 sentence starts out, "However." Are we together there?

13 A Yes.

14 Q And the last part of that sentence states there
15 was a total omission of any information pertaining to
16 cracking in the new screw from Set B. Did you ever
17 determine or were you part of the effort to determine how
18 that information was omitted?

19 A How it was omitted?

20 Q Mm-hmm.

21 A No, sir.

22 Q Were you part of any discussions -- was it ever
23 explained to you how it was omitted?

24 A I believe on down in the report is what I
25 understood as how the omission was.

1 Q If you can put your finger on that?

2 A I believe it starts with the next to the last
3 paragraph on Page 3, starting with the primary reason
4 provided by Central Labs.

5 Q All right.

6 A Personnel omissions from the second report
7 pertaining to the cracking in the new set screw is given as
8 follows, and then it continues for the rest of the page.

9 Q Okay. And that paragraph talks about the first
10 report being done on an emergency basis and that all the
11 samples were not completely analyzed and after issuing a
12 first report there was apparently a subsequent request to
13 perform additional testing. Let me take just a minute and
14 formulate a question.

15 All right. I'm a little confused over the
16 wording there, and primarily my question will be that there
17 was some text left out of the first report regarding the Set
18 B screws and a possible manufacturing defect. And I'm not
19 sure that the text you're referring to here in the
20 reconciliation report clearly addresses that. It does
21 address the figure seven question, and I'll get to that
22 later, understanding that you didn't produce this report,
23 but my question would be why the Set B information was left
24 out of the second report, and if you can help me out a
25 little bit on that. Certainly take some time if you need to

1 review that.

2 A I'm reading from the same text you are.

3 Q All right.

4 A And I have to go from what I have in front of me.
5 Therefore, the substitution of H instead of B documented a
6 similar cracking mode, that failed to capture the fact that
7 the cracking observed in B was from a new screw. And I only
8 have to suppose that looking from a metallurgical
9 standpoint, there was a crack in a Set H, and in B, and they
10 substitute an H for a B.

11 Q So let's see, let's take a look at the June
12 19th's report. I need to see that in that report Set H is
13 two screws removed from service. Now, I understand that
14 you're not the lab technician or a metallurgist but my
15 question not only to you, but it will be to others, is is it
16 reasonable to substitute an evaluation of used screws where
17 previously new screws had been referenced? In other words,
18 as an engineer, did you understand that references to the
19 new screws had been removed in favor or reference to used
20 screws? Do you understand that question?

21 A Yeah, and I'll ask you again time frame. I know
22 that now. Back then did I realize that? I don't recall.
23 The question from a metallurgical standpoint, and again I'd
24 have to supposition here, is that if you were to see the
25 same type crack or same indication in two different sets

1 from a metallurgical standpoint, one is just like the other.

2 Q Except one is a new screw and one is a used
3 screw. Isn't that significant?

4 A From what aspect?

5 Q From an engineering aspect?

6 A From an engineering aspect, it's a crack or it's
7 an indication.

8 Q Is there any -- do you attach any significance to
9 the fact that there are cracks in new screws as well as used
10 screws?

11 A From a structural standpoint, no. From a
12 manufacturing standpoint, Part 21 standpoint, yes.

13 Q Okay. From a structural aspect, and I think you
14 just said you attach no significance to that?

15 A No. You asked me is there a difference.

16 Q Okay.

17 A And the answer is no. Is there significance?
18 Yes, there is a significance to an indication of any kind.
19 And we have to take that, put that through the process, into
20 see what it really means. What does an indication really
21 mean?

22 Q Okay. And from what we see in your
23 understanding, was that indication ever addressed, the
24 significance of the cracks in the new screws?

25 A Not that I can recall or not to my knowledge.

1 Q The evaluation of the Set B screws made its way
2 apparently from Mr. Overall to Vonda Sisson, to Central
3 Labs, and it was evaluated by a metallurgist, and that was
4 approved by the metallurgist's supervisor, and then the
5 report was passed back. [REDACTED]

6 [REDACTED]
7 [REDACTED]
8 [REDACTED]
9 [REDACTED]

7c

10 A How do you mean that?

11 Q There was some information in the June 2nd report
12 that referred to a possible manufacturing defect in some new
13 screws.

14 A Mm-hmm.

15 Q Would it be significant that that information
16 never reached you as a lead civil engineer?

17 A I still don't understand your question.

18 Q If there are new screws in the warehouse --

19 A Yes.

20 Q And some number of them, even it was one out of
21 seven, had a manufacturing defect, is that significant to
22 you as a structural engineer?

23 A I'd have to do the evaluation. It would cause me
24 concern and I'd have to do the evaluation to see if it was
25 really a concern.

7c

1 Q Okay. But did that information ever reach you so
2 that you could in fact make an evaluation?

3 A What information is that?

4 Q The information regarding the crack in the new
5 screws?

6 A I got the first report, yes.

7 Q But there was never any evaluation of that, was
8 there?

9 A From my aspect? No.

10 Q From anybody's aspect?

11 A Then I'd have to suppose.

12 Q But you never -- did you ever follow up on this
13 information regarding the new screws?

14 A No, sir.

15 Q And I think I recalled you saying that you did
16 not receive the second report; is that correct?

17 A I don't know if I said I didn't receive it. I
18 don't know when I received it.

19 Q Okay. Did you ever or did it ever jump out at
20 you? Did you ever take note that this information regarding
21 the Set B screws was missing from the second report that had
22 originally been in the first report?

23 A That I can't recall. Not at that time frame.

24 Q I think I tried to follow through on a line of
25 questioning a while ago as to the significance of whether or

1 not you had received that information from the Central Labs,
2 and what effect that would have. Let me see if we can do
3 that again because I'm not sure I ever got to the real
4 question I wanted to ask.

5 If you received a second report or if you
6 received a report and you did not receive the information
7 regarding cracks and new screws, would that be significant?

8 A I would question why it was not there. If I had
9 two reports saying, you know, I believe I'd question as to
10 why it wasn't there.

11 Q Now, what I'm trying to get at is how or why this
12 information was -- did not appear in the second report.

13 A No, that I can't tell you.

14 Q Now, in going back to your discussions with Mr.
15 Woods and the reconciliation report, was that ever discussed
16 with you why or how that information was left out?

17 A You're talking about the reconciliation -- the
18 recent reconciliation report?

19 Q Right.

20 A I don't know if we had that discussions or not.
21 I know the text that we read is what I had.

22 Q Let me show you a memo, and we may have to go off
23 the record here. I'll first ask you if you have this and
24 let you take a look at it. I don't have a date on my copy.
25 It did not have a RIMS number and doesn't have a date. Let

1 me just ask you briefly before we go off the record if
2 you've ever seen that memo, if you're familiar with it?

3 A I have seen this memo. I saw it last week for
4 the first time.

5 Q Okay. What were the conditions or, you know, did
6 someone show it to you and ask you about it?

7 A I think Landy -- I believe Landy had a copy and
8 showed it to myself, and that was the first time I had seen
9 it.

10 Q So from your answer, I supposed you didn't
11 receive a copy of that at the time?

12 A No, sir.

13 Q You don't have any idea of the time frame
14 involved?

15 A No.

16 Q That's addressed to Mr. McCormick, Landy
17 McCormick or L. L. McCormick?

18 A Yes, it is.

19 Q And who is it signed by, if you can tell?

20 A It's -- you want the initials also or just the
21 signature? Signature is Frank Koontz.

22 Q And who is Mr. Koontz?

23 A Mr. Koontz is the mechanical lead engineer at
24 that time.

25 Q Do you know how he was involved in this ice screw

1 issue at all?

2 A No, except for his position.

3 MR. CLAXTON: Okay. Why don't we take a break
4 here at 1:20 p.m.?

5 [Recess.]

6 MR. CLAXTON: We're back on the record at 1:28
7 p.m., and once again, Mr. Adair, I'll remind you that you're
8 under oath for the information that you provide.

9 While we were off the record I requested from Mr.
10 Fine that we get a copy, if possible, of the Franklin
11 Planner in Mr. Adair's possession specifically for the date
12 of June 14, 1995, and he said we could obtain that.

13 Darrell, do you have any questions?

14 MR. WHITE: Just a couple.

15 BY MR. WHITE:

16 Q Mr. Adair, with the problems with the new screws
17 that were identified in the first report and not in the
18 second, would that have been of interest to you in your
19 position?

20 A Would it have been of interest --

21 Q Of interest to you?

22 A Yes.

23 Q In what way?

24 A Curiosity as to why it was left out.

25 Q Well, I mean not that it was left out, but I

1 mean, would the mere fact that that was cited in that first
2 report, would that be something from your position here at
3 Watts Bar that your department would take an interest in?

4 A We would ask to look at some of the screws, after
5 that I would think would be our normal action to really
6 ascertain as to what the problem was.

7 Q Why do you think it was omitted in the second
8 one, in the second report?

9 A I'd have to suppose on that.

10 Q Okay.

11 A I would not venture a guess. I will defer that
12 to the people that wrote that report.

13 Q All right.

14 A I did not ask for it to be left out.

15 Q Sure, I understand. You said that that would
16 have been an interest to you. Why or did you all follow up
17 in that first report when you read that, did you look into
18 it any further about the new screws?

19 A No. I did not. I was probably too narrow
20 focused on structural aspects of dispositioning the PER,
21 making sure that was done correctly from a structural
22 standpoint.

23 MR. WHITE: That's all.

24 BY MR. CLAXTON:

25 Q Knowing what you know now, would the ice screw

1 issue be applicable under Appendix B as far as identifying
2 possible defects?

3 A It is.

4 Q It is?

5 A It is.

6 Q Okay. And knowing what you know now, would it
7 have been applicable at that time?

8 A It was.

9 Q It was, okay. So you realize the significance,
10 even at that time, if the issue had been raised to your
11 attention? Of course, it was in the first report but we're
12 not sure that that first report ever was referenced by
13 Westinghouse. Am I correct if I assume that that Set B
14 screw issue was never addressed? Do you think it was ever
15 addressed by anyone?

16 A Let me see if I can understand your question.
17 Was it ever addressed by anyone from that specific part of
18 the screw issue as taken out from the screw issue and dealt
19 with as a separate entity?

20 Q I'm not sure I understand your clarifying
21 question. Let me start over.

22 A Okay.

23 Q The Set B were new screws that had possible
24 manufacturing defects identified. Do you know whether that
25 issue was ever identified or was that issue ever addressed

1 in any way?

2 A I'd have to go back and look at documents on
3 that, because I don't know -- not at the time that we're
4 talking about in '95, not to my recollection, the best of my
5 ability, was that specifically identified and pulled out of
6 the screw issue.

7 Q And that's what we're -- I say we, I, we, that's
8 what we're referring to, because we know and you've just
9 acknowledged that it's an Appendix B issue, and we're trying
10 to determine what happened, where did it go? Somehow it was
11 left out of that second report. Now, I think I heard you
12 answer Darrell a while ago, and I'll ask you again, if you
13 don't mind me asking you the second time, did you instruct
14 anyone to leave that information out of the second report?

15 A No, sir.

16 Q Did you address that issue in any way that you
17 recall when you asked for a review of the first report?

18 A No, sir.

19 Q Okay. Do you know anyone who did?

20 A No, sir, I don't.

21 Q And you've not discussed in any way why that
22 information was left out of the second report?

23 A No.

24 MR. CLAXTON: Do you have anything, Mr. Fine?

25 MR. FINE: Just a couple of things, for mostly

1 clarification.

2 MR. CLAXTON: Go right ahead.

3 MR. FINE: Thank you.

4 BY MR. FINE:

5 Q Mr. Adair, you were asked by Mr. Claxton about
6 this memorandum from Mr. Koontz to Mr. McCormick, and that's
7 K-o-o-n-t-z?

8 A Correct.

9 Q I think you responded that you did not know about
10 Mr. Koontz's involvement in this except for his position.

11 A That's correct.

12 Q What did you mean by that?

13 A The author of this, the last sentence in here,
14 says, if you have any questions, contact V. L. Sisson at
15 Extension 1607 or R. D. Briggs at Extension 1757. Those two
16 individuals reported through their chain to Frank as the
17 lead mechanical engineer. That's what I meant by his
18 position.

19 Q All right. And tell me if you can just sort of
20 in relation to that, you say you were the lead civil
21 engineer.

22 A Correct.

23 Q In 1995.

24 A Correct.

25 Q And Mr. Koontz was the lead mechanical engineer?

1 A I believe that's correct in that time frame, yes.

2 Q And he reported to Walt Elliott?

3 A That's correct.

4 Q Who was the site engineering manager?

5 A That's correct.

6 Q Who did Mr. Elliott report to?

7 A He reported to the site VP.

8 Q The site VP?

9 A Mm-hmm.

10 Q Okay.

11 A We have changed positions here so many times. I
12 believe that is the report -- at least it is now.

13 Q All right. In 1995. And was tech support part
14 of the site engineering organization?

15 A No, they were not. They were part of the
16 operations organization.

17 Q And how was that reporting chain, if you
18 remember?

19 A The best I can remember, they reported up through
20 the plant manager.

21 Q Okay. And then the plant manager in turn would
22 report to the site vice president?

23 A That's correct.

24 Q In your position as lead civil engineer in 1995
25 what administrative authority did you have over technical

1 support?

2 A None.

3 Q What about over Mr. Terry Woods, the chief
4 metallurgical engineer?

5 A None.

6 Q Or the Central Labs Services?

7 A None.

8 Q We touched on briefly this meeting of June 14th,
9 1995, and we're going to get your Franklin Planner page for
10 the investigator on that. But just if you can focus on that
11 time frame with you know, June, the summer of 1995, a
12 meeting -- were you participating in the meetings on a
13 frequent or how often were you participating in meetings in
14 that period?

15 A Fairly frequently. That was right before we
16 licensed the plant, so we had several meetings and we may
17 have a meeting on three different topics at the same time,
18 so it was not unusual for me to go to a meeting.

19 Q Okay. What about would you sometimes be called
20 out of one meeting to go attend another?

21 A More often than not, yes.

22 Q So you could start at one meeting and then leave
23 in the middle of it?

24 A Yes.

25 Q Okay. And just, you know, just to make sure it's

1 clear on the record, I think you've already answered Mr.
2 Claxton's questions to the effect that no one asked you to
3 remove this information about the crack in that new screw.

4 A That's correct, no one asked me, instructed me or
5 anything else.

6 Q And you didn't ask anyone to do it?

7 A No, sir.

8 Q All right. And just so again that it's clear,
9 because I'm a little confused on this myself, what's the
10 current status of the screws that were the subject of this
11 analysis in 1995?

12 A The screws that were what you would call the new
13 screws or the warehouse screws, those are, if you will,
14 quarantined. They're on hold in the warehouse. They are
15 not to be issued to the plant for any reason.

16 Q And how long has that hold been in place, if you
17 know?

18 A Exactly, I don't know, but we could find that
19 out.

20 Q And what screws, if any, are being used?

21 A We purchased some new screws. They're called
22 cardinal screws, that we brought up from Sequoyah.

23 Q Okay.

24 A Purchase from Sequoyah. They were not supplied
25 by Westinghouse.

1 MR. WHITE: I have two additional things.

2 MR. CLAXTON: Sure.

3 BY MR. WHITE:

4 Q Obviously a lot of people will be interviewed,
5 have been interviewed on this, and sometimes people hold
6 hard feelings against people for past things. Is there any
7 reason we should interview or that we may interview anyone
8 that may say that you did direct them to take that out?

9 A No.

10 Q And then lastly, if you were in our position
11 looking at this, who would you say we should interview? Who
12 else should we interview that might have information that
13 could help us determine if in fact someone did it
14 intentionally, or if it was by mistake?

15 A If you can tell me who you've interviewed, I can
16 tell you who probably.

17 MR. WHITE: Okay. Gary.

18 MR. CLAXTON: Well, I prefer not to do that.

19 BY MR. WHITE:

20 Q Who would you --

21 MR. FINE: I would object to --

22 BY MR. WHITE:

23 Q We may have already interviewed them, but who
24 would you say would have the most knowledge of this thing?

25 A The most knowledge? People at the lab, Terry

1 Woods, myself, Vonda Sisson, Landy -- Landy had the --

2 Q Yes.

3 A Curtis.

4 Q Okay. We just don't want to leave someone out
5 that we may skip over.

6 A That's a pretty good list.

7 MR. CLAXTON: Let me go back and ask you -- I've
8 got a couple more things here.

9 BY MR. CLAXTON:

10 Q If, as an engineer, and I know you don't have any
11 supervisor responsibilities over the Central Lab, but to the
12 best of your understanding is it acceptable for a
13 metallurgist to leave out signature information like this
14 that we've been talking about? Is that professionally
15 acceptable?

16 A Well, I would have to look at it from the
17 metallurgical standpoint, and I'd defer to them for that,
18 because if I were to discover the same type indication in
19 another set of what I was working on, I may refer to the two
20 sets. From a metallurgical standpoint, do the same.

21 Q Okay. One thing we kind of keep disconnecting
22 here is that one of those sets was new screws.

23 A Mm-hmm.

24 Q Which had structural applications. Is that -- if
25 I'm not --

1 A As did the in service, yes.

2 Q But there was one set, i.e., the new screws, that
3 was left out.

4 A That's correct.

5 Q And we've talked about that. Now, is that
6 professionally acceptable for a metallurgist irregardless of
7 what the metallurgical findings were, there was information
8 regarding new screws in the first report that was left out
9 in the second report, and my question to you as a person on
10 the other side, over in the engineering side, is that
11 professionally acceptable to you?

12 A I would want to know all I could about
13 everything. That's just me, I'd want a lot of data on it,
14 so I would have wanted to see, yes, I would have wanted to
15 see it.

16 Q Now, one question. We were talking about the
17 memo earlier and I forgot to ask you, I'm sorry, on the
18 McCormick to Koontz memo, and just for my reference --

19 MR. FINE: I think it was actually Koontz to
20 McCormick.

21 MR. CLAXTON: Yes, I'm sorry, thank you.

22 BY MR. CLAXTON:

23 Q Just for my information or for my purposes,
24 that's my document Number 11. You have that in front of
25 you?

1 A Yes.

2 Q Okay. On the next to the last paragraph, it
3 talks about the mode of failure.

4 A Okay.

5 Q And then the failure mechanism was stress
6 overload, site engineering concurs with this conclusion.
7 Can you explain that to me a little bit as to would stress
8 overload, would that be the same as over-torquing?

9 A It could be. Go ahead, read the next sentence
10 below that.

11 Q Okay. The overloading stress could have
12 occurring during torquing, weighing the baskets or from
13 weight of the ice baskets themselves. And my question to
14 you is is this the finding, i.e., stress overload, that
15 occurred in the first report that was subsequently removed?

16 A I believe that was in the first report.

17 Q Do you know why Mr. Koontz would state that site
18 engineering concurs with this conclusion but yet it was at
19 some point removed, and we don't have a date on this memo so
20 we can't relate -- but that information was eventually
21 removed from the first report, but yet it says here that he
22 concurs with it.

23 A I couldn't answer that. I don't know.

24 Q Can I assume that you didn't discuss this with
25 Mr. Koontz at all?

1 A We did after we saw it.

2 Q The memo itself?

3 A After I saw it last week, yes. But prior to
4 issue, I have no recollection.

5 MR. CLAXTON: Okay. I don't think I have any
6 questions, Darrell.

7 MR. WHITE: I have one more.

8 BY MR. WHITE:

9 Q Was it your understanding that the Westinghouse
10 report was specific to this case or was it -- do you think
11 their report was a shelf report pulled off that covered
12 everything, just a generic type incident?

13 A Let's look at the report.

14 Q I know you all were under discussion -- it did
15 reference this report or this incident, so I'm wondering --

16 A This is their report and let's go back to the
17 field deviation report. They reference the PER 246. Also
18 they reference their evaluation report REE1371 that we
19 talked about.

20 Q Yes, sir.

21 A And in the first part of this, the issue, it
22 states, and I'm reading from the report 1371, Watts Bar
23 personnel identified to Westinghouse that 162 ice condenser
24 ice basket sheet metal screws were found in the ice melt
25 tank. After cleanup from the recent ice loading operations

1 at Watts Bar, number one, it's possible -- screws have been
2 broken off during the recent ice loading, so this tells me
3 it was specific to what we were doing, and then as they go
4 through this, there are other references to Watts Bar to the
5 number of screws that -- I did not see this as something
6 pulled off the shelf.

7 Q You felt like they were answering you
8 specifically?

9 A Yes.

10 MR. WHITE: Okay. Thanks.

11 MR. FINE: Nothing further.

12 MR. CLAXTON: We've all had one more question,
13 one more shot.

14 MR. FINE: We'll see if the court reporter wants
15 to ask any.

16 MR. CLAXTON: No, I think that I've exhausted it.
17 Is there anything, Mr. Adair, do you have anything else?

18 THE INTERVIEWEE: No, sir.

19 MR. CLAXTON: That would have been my question.
20 I would like to ask you if you've received any threats or
21 promises regarding the information that you've provided
22 today?

23 THE INTERVIEWEE: No, sir.

24 MR. CLAXTON: Have you provided all this
25 information freely and voluntarily?

1 THE INTERVIEWEE: Yes, sir.

2 MR. CLAXTON: With that we'll conclude the
3 interview at 1:47 p.m. Thank you.

4 [Whereupon, at 1:47 p.m., the interview was
5 concluded.]

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REPORTER'S CERTIFICATE

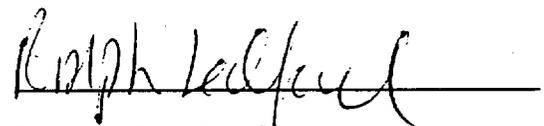
This is to certify that the attached proceedings before the United States Nuclear Regulatory Commission in the matter of:

NAME OF PROCEEDING: INTERVIEW OF
JAMES GARY ADAIR

CASE NUMBER:

PLACE OF PROCEEDING: Spring City, TN

were held as herein appears, and that this is the original transcript thereof for the file of the United States Nuclear Regulatory Commission taken by me and thereafter reduced to typewriting by me or under the direction of the court reporting company, and that the transcript is a true and accurate record of the foregoing proceedings.


Ralph Ledford

Official Reporter
Ann Riley & Associates, Ltd.