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OFFICIAL TRANSCRIPT OF PROCEEDINGS

Agency: U.S. Nuclear Regulatory Commission
Office of Investigations

Title: Investigative Interview of:
Kent Schaible
(Closed)

Docket No.

LOCATION: Houston, Texas

DATE: Thursday, December 17, 1992

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

OFFICE OF INVESTIGATIONS

- - - - -X
In the Matter of: :
INVESTIGATIVE INTERVIEW :
Kent Schaible :
(CLOSED) :
- - - - -X

Omnitron International, Inc.
8990 Kirby, Suite 200
Houston, Texas 77054

Thursday, December 17, 1992

The above-entitled matter commenced at 1:00
o'clock p.m., when were present:

RON LLOYD, Investigator
THOMAS W. RICH, Mechanical Engineer, IMNS
Nuclear Regulatory Commission

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1 Also Present:

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REBECCA D. FULLER, Investigator

4

MARIELLE P. ARCE, Investigator

5

U.S. Food and Drug Administration

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JAMES KNAUSS, Director, Product Assurance

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Omnitron International, Inc.

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P R O C E E D I N G S

[1:05 p.m.]

MR. LLOYD: My name is Ron Lloyd. I am a Section Chief in the Incident Investigation Branch of the U.S. Nuclear Regulatory Commission.

What I would like to have everyone do is go around and introduce yourself, say who you are, and spell your last name for the record, and then we will proceed.

MR. RICH: I am Tom Rich. I am with the Nuclear Regulatory Commission. I work in the Sealed Source Safety Section. My last name is R-i-c-h.

THE INTERVIEWEE: My name is Kent Schaible with Omnitron. The last name is spelled S-c-h-a-i-b-l-e. I am Service Manager.

MR. LLOYD: We would like to begin by just having some sort of an idea of what you do here, how long you have been with the company, some of your responsibilities and duties?

THE INTERVIEWEE: I started with Omnitron on January 14, 1991. At that time, I was hired as a Field Service Engineer. Essentially, my duties from the start were to test the final product in-house and install it at the customer site, and do final acceptance testing installation, and then all or virtually all field service calls. That is what I handle. That is what I do.

1 MR. LLOYD: Where did you come from prior to
2 working for Omnitron?

3 THE INTERVIEWEE: Prior to Omnitron, for four
4 years I was with a company called TL Data Corporation.

5 MR. LLOYD: What was your function there?

6 THE INTERVIEWEE: I was the sales/service manager.
7 What I did there was sell and install, training/support
8 service, turnkey data communications, microcomputer
9 equipment.

10 MR. LLOYD: Who had the job before you, or was
11 this something that they created?

12 THE INTERVIEWEE: It was a new position.

13 MR. LLOYD: It was a new position?

14 THE INTERVIEWEE: Correct.

15 MR. LLOYD: What is the bound of your authority, I
16 guess?

17 Do you have procedures that you have to work with?

18 THE INTERVIEWEE: There are checklists and guides,
19 if you will, that are utilized in the field to ensure that
20 all steps are taken with regards to servicing the equipment.

21 MR. LLOYD: Are those permanent records?

22 THE INTERVIEWEE: No, I am afraid not, at this
23 time.

24 MR. LLOYD: How long do they normally last now?

25 THE INTERVIEWEE: Quite honestly, it is not

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1 necessary to leave the site with them, actually. So there
2 is a lot of paperwork accumulated in the course of working
3 on site, and that may very well get tossed with some other
4 paperwork.

5 MR. LLOYD: What happens if, in the process of
6 testing, you found something wrong, how did that get
7 documented?

8 THE INTERVIEWEE: We have a service order form
9 that we complete to show, as an example, if something
10 failed, if a part needed replacing, that is where that was
11 recorded.

12 MR. LLOYD: Let's go off the record for a minute.

13 [Brief recess.]

14 MR. LLOYD: Back on the record.

15 It is approximately 1:30 in the afternoon. We
16 have an additional person that will be sitting in on the
17 interview.

18 If you could introduce yourself and spell your
19 last name?

20 MS. FULLER: Yes. My name is Rebecca D. Fuller,
21 that is F-u-l-l-e-r. I am an Investigator with the U.S.
22 Food and Drug Administration.

23 MR. LLOYD: I believe when we left off we were
24 talking about some of your job experiences, and what you
25 were doing, and so on, where is your actual work location?

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1 THE INTERVIEWEE: Currently, with Omnitron?

2 MR. LLOYD: Right.

3 THE INTERVIEWEE: Here in Houston.

4 MR. LLOYD: In Houston?

5 THE INTERVIEWEE: Correct.

6 MR. LLOYD: Do you travel to any of the other
7 places?

8 THE INTERVIEWEE: Yes. Job sites or equipment
9 locations, correct, for installation and service.

10 MR. LLOYD: How often do you travel in a five day
11 week?

12 THE INTERVIEWEE: The first year-and-a-half, it
13 was frequent, four days a week, five days a week, not quite
14 as frequently now.

15 MR. LLOYD: Who is your supervisor?

16 THE INTERVIEWEE: Currently, my supervisor is
17 James Knauss.

18 MR. LLOYD: And what is his position?

19 THE INTERVIEWEE: Director of Product Assurance.

20 MR. LLOYD: What we would like to do is go
21 through, we have a series of questions, and like we
22 mentioned before we went on the record, try to answer them
23 to the best of your knowledge. If you are not sure, just
24 say so, and we will continue on.

25 MR. RICH: Could you please explain how a service

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1 order is generated at the very beginning?

2 THE INTERVIEWEE: A service order is generated one
3 of two or three different ways. A blank service order is
4 filled out. When a call comes into the Houston Office with
5 a problem of whatever nature, if it is a problem with a site
6 that has been installed, then a service order is generated.

7 MR. RICH: Is it the same form that is used for
8 both the complaint call coming in and the one that is
9 generated for routine maintenance?

10 THE INTERVIEWEE: From the Service Department's
11 standpoint, yes, it is.

12 MR. RICH: How many people are in your Service
13 Department?

14 THE INTERVIEWEE: At this time, there is myself
15 and two field service engineers.

16 MR. RICH: Are the field service engineers besides
17 yourself trained in how to service the afterloader?

18 THE INTERVIEWEE: Yes, they are.

19 MR. RICH: What training do they receive?

20 THE INTERVIEWEE: Training is performed in-house
21 to become familiar with the product, the company in general,
22 the equipment in general, and then additional training is
23 performed in the field with myself tagging along.

24 MR. RICH: Do they do any assembly processes here
25 first for so many months before they can go out in the field

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1 and actually service the device?

2 THE INTERVIEWEE: Like from a manufacturing
3 standpoint?

4 MR. RICH: From a manufacturing standpoint, get
5 familiar with the parts, know where they go and how they are
6 supposed to work?

7 THE INTERVIEWEE: That is what we do upfront on
8 essentially the complete unit. On the completed assembly,
9 we will play with it, if you will, to identify parts
10 locations, this is that and this is this, this is what this
11 is.

12 MR. RICH: When you hire these people, what are
13 the training requirements that they must have?

14 THE INTERVIEWEE: Training requirements?

15 MR. RICH: Yes, they have to have a high school
16 degree, have to have previous service experience?

17 THE INTERVIEWEE: I see. Two to three years
18 background field service experience, and a minimum of a two-
19 year degree in electronics technology.

20 MR. LLOYD: Off the record for a moment.

21 [Brief recess.]

22 MR. LLOYD: We are back on the record once again.
23 It is approximately two o'clock, and we have a couple of
24 additional individuals in the room.

25 If we could have them announce who you are, and

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1 give your name and spell your last name, please?

2 MR. KNAUSS: My name is James Knauss. The last
3 name is spelled K-n-a-u-s-s.

4 MR. LLOYD: And what is your position here?

5 MR. KNAUSS: Director of Product Assurance.

6 MS. ARCE: My name is Marielle Arce, A-r-c-e. I
7 am an Investigator with the Food and Drug Administration.

8 MR. LLOYD: Thank you.

9 We will continue.

10 MR. RICH: We were talking about the training of
11 your service representatives, and what training they receive
12 out in the field, and what training they received in-house.
13 Can you please go through that for us again?

14 THE INTERVIEWEE: Our in-house training consists
15 of product familiarization, total product familiarization,
16 how to basically take things apart and put them back
17 together.

18 Field training consists of performing the
19 necessary tasks such as installation, that is kind of a
20 field thing you have to do at the time, and then going
21 through the checklist that is utilized for installations,
22 and any other site visits that occur from that point on.

23 MR. RICH: You mentioned before that you have gone
24 out on site visits with your representatives. Do you do
25 that the very first time they go out to install a machine,

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1 or is that done every so many months, or what is the cycle?

2 THE INTERVIEWEE: It is not really a determined
3 thing, or a set thing, I guess I should say. It is based on
4 the performance of the person, and it usually is for the
5 first 30 to 45 days that we are doing field trips that I am
6 with that person.

7 MR. RICH: Do you randomly go out and audit them?
8 You say it is not a certain cycle, but do you try
9 to go out once or twice a year to see and make sure what
10 they are doing is correct and up to date?

11 THE INTERVIEWEE: The field service engineers in
12 the Service Department other than myself haven't been on-
13 board that long.

14 MR. RICH: What happens when you have upgrades to
15 the software, and modifications to the device?

16 Like in some devices you have a new filter put in,
17 you have new versions of software. How are they trained to
18 know that they are putting in new software and they have new
19 parts to put in, how are they informed?

20 THE INTERVIEWEE: That is done in-house, and we
21 basically practice in-house.

22 MR. RICH: For each modification?

23 THE INTERVIEWEE: Correct.

24 MR. RICH: What procedures or documentation do you
25 provide to your service representatives to tell them that

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1 this is new, or that you have had problems in this area,
2 start checking this part, and so forth?

3 THE INTERVIEWEE: With regards to software, a
4 program, that is in a packet, that information is in a
5 packet that we reference, this is how to do the
6 installation, and we reference the packet.

7 MR. RICH: Do you give them written procedures on
8 how to install the software, how to install this part, where
9 to check for the existing parts?

10 THE INTERVIEWEE: Correct.

11 MR. RICH: There are written procedures for all
12 the parts then on the machine?

13 THE INTERVIEWEE: Well, written procedures, it is
14 in writing, and this is what you need to -- and this is what
15 we will use to install software, make changes. It is a
16 packet of information.

17 MR. RICH: I am talking also about the hardware
18 parts here, the rollers and the drive mechanisms and so
19 forth.

20 THE INTERVIEWEE: Those items, if they are
21 changed, it is take it, exchange the part.

22 MR. RICH: Do you provide documentation on saying
23 what acceptable tolerances are for the drive mechanisms, for
24 example?

25 THE INTERVIEWEE: That is in the service manual.

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1 MR. RICH: That is in the service manual?

2 THE INTERVIEWEE: Correct.

3 MR. RICH: And every service representative is
4 given a service manual?

5 THE INTERVIEWEE: That is correct.

6 MR. RICH: Who controls the service manuals?

7 THE INTERVIEWEE: Who controls the service
8 manuals, they get them from me.

9 MR. RICH: And I assume then, in that case, if it
10 has been updated, you make sure they get the newest copies?

11 THE INTERVIEWEE: That's correct.

12 MR. RICH: Is there a version number in your
13 service manual?

14 THE INTERVIEWEE: I don't know.

15 MR. RICH: When you replace the parts that are
16 worn or you do modifications, do you document this?

17 THE INTERVIEWEE: Yes, we do.

18 MR. RICH: Do you put them into a database or do
19 any trend analysis on how many parts have been replaced of a
20 certain type?

21 THE INTERVIEWEE: That information from the
22 service order is entered into the database. Trend analysis,
23 no, I can't say that I do anything in the trend analysis at
24 this point.

25 MR. RICH: You say that you enter parts into a

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1 database. Are they identified by machine, or by customer?

2 THE INTERVIEWEE: Both, by customers and serial
3 numbers.

4 MR. RICH: So you could, in essence, pull up a
5 certain serial number afterloader and find out all the parts
6 that have gone into that machine since it was shipped to the
7 customer?

8 THE INTERVIEWEE: Correct.

9 MR. RICH: You say you do not do any trend
10 analysis, but have your engineers or Quality Control
11 Department, or Manufacturing Department looked at the part
12 failures if you have some that come up more than once, or
13 even once, do they go back and evaluate why it failed?

14 THE INTERVIEWEE: You would need to talk -- to ask
15 them that question.

16 MR. RICH: Do you submit that information to your
17 Quality Department?

18 THE INTERVIEWEE: Yes.

19 MR. RICH: And how do you do that?

20 THE INTERVIEWEE: Primarily returning the parts
21 that are exchanged, bring the parts back in-house.

22 MR. RICH: How is your Quality Assurance Manager,
23 how do they know, do you give the parts directly to them?

24 THE INTERVIEWEE: Yes, in most cases, yes, and
25 with a label, "This is such-and-such and this is from so-

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1 and-so."

2 MR. LLOYD: Does anybody examine those parts to
3 determine why they failed?

4 THE INTERVIEWEE: I honestly don't know how to
5 answer that. Yes, but, again, I am not a part of that.

6 MR. RICH: What is the most common failure mode
7 for the device?

8 THE INTERVIEWEE: Could you rephrase that?

9 MR. RICH: To say it another way, what part fails
10 the most in the device itself, or is below your acceptable
11 tolerances?

12 THE INTERVIEWEE: Once the equipment is installed?

13 MR. RICH: Once it is installed.

14 Or several parts, if you don't know exact numbers,
15 what are the common error failures?

16 THE INTERVIEWEE: The most common off the top here
17 would be, there is a real time clock chip on the afterloader
18 logic board that, when it fails, the system locks up, and
19 you cannot do anything.

20 MR. RICH: Besides the electrical components, the
21 actual physical driving components, the drive rollers, the
22 optical encoder, the microswitches, which fails more
23 frequently out of those parts?

24 THE INTERVIEWEE: Well, we have had -- to the best
25 of my recollection, we have had two optical encoders fail,

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1 and other than that, other parts were replaced.

2 MR. RICH: When you have these failures, you
3 already stated earlier that you basically give the parts
4 back to the QA people, and they look at them. Do they ever
5 come back with formal documentation telling you that you
6 should start changing some of your procedures, or that they
7 have modified a part?

8 THE INTERVIEWEE: Yes. In lieu of using this type
9 of part, from now on we have changed and we are using this.
10 So the next trip, or the next time you go to that site, take
11 off what you have on there, and put this on.

12 MR. RICH: How do they notify you?

13 THE INTERVIEWEE: It is done officially through
14 engineering change orders.

15 MR. RICH: I viewed some of your engineering
16 change orders, and I notice that you are not one of the
17 signatures on there. Do you have any mechanism to go back
18 and tell quality, or manufacturing, "I have been out in the
19 field, I service these things, this is not going to work?"

20 THE INTERVIEWEE: A formal procedure?

21 MR. RICH: Do you have a formal procedure, or do
22 you have authority, or a channel by which you can go back to
23 quality before they give you this engineering change order
24 to tell you that you must replace this, or you must use this
25 now?

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1 Are you involved in the process of making that
2 change?

3 THE INTERVIEWEE: Well, I am usually the first one
4 to do a change in-house, practice, if you will, in-house. I
5 provide input at that time, just verbal.

6 MR. RICH: How long does it take you to do one of
7 your quarterly maintenance, or your routine maintenance, and
8 you go out every, I think, three months?

9 THE INTERVIEWEE: That's right.

10 MR. RICH: How long does that take?

11 THE INTERVIEWEE: Routine maintenance,
12 preventative maintenance items, not counting testing and
13 things like that, but just to actually do the preventative
14 maintenance?

15 MR. RICH: The whole service, I guess, once you
16 arrive at the facility, and you are there for a routine
17 maintenance, how long does it take before you go home?

18 THE INTERVIEWEE: In order to clarify this for
19 myself, would this be including putting in a new wire, for
20 example?

21 MR. RICH: Yes.

22 THE INTERVIEWEE: Start to finish on this?

23 MR. RICH: Yes.

24 THE INTERVIEWEE: If there are no system
25 enhancements of modifications to be made, if it is a

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1 standard go in, change the wire, do PM, final test,
2 depending on the environment, the site environment, it would
3 be four to six hours.

4 MR. RICH: We have talked about this a little
5 before. You say there is no difference on the service order
6 form between a complaint and a normal routine maintenance.

7 THE INTERVIEWEE: From the Service Department,
8 correct.

9 MR. RICH: When you finish doing service on the
10 complaint, does anything go back to the complaint files
11 stating that the service has been done, has been tested, and
12 has been inspected?

13 THE INTERVIEWEE: From the Service Department, a
14 service order is completed, and the Service Department is,
15 at that point, we have completed the paperwork that we have.

16 MR. RICH: In viewing some of your files before, I
17 notice you have a separate complaint file from your service
18 file. I did not notice any copies of your service order
19 forms or repairs in your complaint file, so which channel do
20 you go through like in notifying the people in charge of the
21 complaint file that that service has been done, it has been
22 corrected, and it has been inspected?

23 THE INTERVIEWEE: The service order is provided,
24 and from there, that is as much as the Service Department
25 does.

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1 MR. RICH: You mentioned earlier about this
2 checklist you have for parts, and that you do not keep this.
3 Why do you use a checklist if you don't use it as a formal
4 record?

5 THE INTERVIEWEE: The primary reason for that is
6 personal safety, and that is the honest truth. I meant to
7 make sure that we are following everything we need to do at
8 the time.

9 Quite often, we are on-site after hours, and long
10 days, et cetera, et cetera, and that checklist is there to
11 ensure that we are doing everything that we need to do in
12 the proper manner, and to ensure that we, being the people
13 on-site, are not omitting steps that would put us in
14 jeopardy.

15 MR. RICH: Do you give a copy of this checklist to
16 the customer?

17 THE INTERVIEWEE: It is not required or mandatory
18 or routine, I should say.

19 MR. RICH: What documentation do you give to the
20 customer?

21 THE INTERVIEWEE: The service order.

22 MR. RICH: A copy of the service order?

23 THE INTERVIEWEE: Correct.

24 MR. RICH: All of these non-routine service calls
25 that were documented, do they go back in the afterloader

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1 file, I notice you have a file for each afterloader?

2 THE INTERVIEWEE: What kind of file for the
3 afterloader?

4 MR. RICH: When we were in here last time, we
5 noticed some files and that you had one for each
6 afterloader, the procedures used, the inspection checkpoints
7 along the way, and so on for each serial number.

8 Do the service orders go back in that file as a
9 permanent record?

10 THE INTERVIEWEE: They go in the customer's file.
11 The copy of the service order?

12 MR. RICH: That's correct.

13 THE INTERVIEWEE: The copy of the service order is
14 placed in the customer's file, which can easily be tied back
15 to the serial number.

16 MR. RICH: The completed service orders, are they
17 signed by the person doing the service as well as the
18 customer?

19 THE INTERVIEWEE: They are signed by the field
20 service engineer doing the work. Quite often, a signature
21 is not possible from the customer.

22 MR. RICH: So a lot of times you are saying it is
23 done after hours?

24 THE INTERVIEWEE: Exactly.

25 MR. RICH: Do you or anybody in Omnitron review

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1 the service orders once they are done to make sure they fill
2 it out properly, to make sure that their work appears normal
3 with what the service call was, and so forth?

4 THE INTERVIEWEE: That is one of my
5 responsibilities.

6 MR. RICH: So do you review all of them that come
7 back from your service people?

8 THE INTERVIEWEE: That's correct.

9 MR. RICH: How long have you been doing service on
10 the afterloaders, I guess it would be since you came on-
11 board?

12 THE INTERVIEWEE: Correct.

13 MR. RICH: Do you file for reciprocity for each
14 time you go out into an agreement state besides Louisiana or
15 to the NRC licensees when you do source changes?

16 THE INTERVIEWEE: Currently, I notify the State of
17 Mississippi.

18 MR. RICH: Does the Service Department maintain
19 and service the afterloaders used in-house here as well as
20 the one used in the lab in Lake Charles?

21 THE INTERVIEWEE: The ones in-house or the one in-
22 house would be the one in the demo room?

23 MR. RICH: That's correct.

24 THE INTERVIEWEE: It is pretty much who is
25 available to work on that unit. It is a non-standard

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1 afterloader.

2 MR. RICH: So it is not done on a routine basis?

3 THE INTERVIEWEE: No.

4 MR. RICH: Do you have records of the service that
5 has been performed on these two units?

6 THE INTERVIEWEE: On the unit in-house in Houston,
7 no.

8 MR. RICH: Are there any immediate or future plans
9 for procedures you will be using in-house, or checklists or
10 other such processes to be used in the future for your
11 Service Department?

12 THE INTERVIEWEE: This has been a very educational
13 experience, yes.

14 MR. RICH: Can you elaborate on some of those?

15 THE INTERVIEWEE: Not at this time.

16 MR. RICH: I understand that you basically send
17 out the technical bulletins when you do your service if
18 there has been an upgrade. You told me earlier that
19 sometimes you are there after hours. How do you make sure
20 the customer has received that technical bulletin so that he
21 knows that the software has been upgraded, and he knows
22 certain errors have been corrected?

23 THE INTERVIEWEE: The information is attached to,
24 basically, the plastic bag that comes with the source, the
25 new source. This plastic bag contains the site's

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1 documentation on the source itself. So that is something
2 they have to have, and they are going to look for it.
3 Stapled to that bag, we will leave the additional
4 information that they are looking for as well as a copy of
5 the service order.

6 MR. RICH: Do you followup with a telephone call
7 or a written response to those customers you could not talk
8 to or get his documentation directly?

9 THE INTERVIEWEE: Not at this time.

10 MR. RICH: Why is the machine limited to 250
11 cycles before you have to reset the counter?

12 THE INTERVIEWEE: Officially, I don't honestly
13 know.

14 MR. LLOYD: One question, is that the only time
15 that a counter is reset, when it gets to 250, or is it reset
16 on a quarterly basis when you change the source?

17 THE INTERVIEWEE: Each time a source wire is
18 installed by programming the system that number jumps back
19 to 250. It starts fresh. That is a fresh 250 number.

20 MR. LLOYD: What is the average number of cycles
21 that you normally see each time you replace the source?

22 THE INTERVIEWEE: That varies drastically from
23 site to site.

24 MR. LLOYD: Can you give kind of a low value and a
25 high value that you have seen?

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1 THE INTERVIEWEE: A low value would be five cycles
2 left. A high value would be five cycles used.

3 MR. LLOYD: So there is quite a large spread of
4 the number of cycles?

5 THE INTERVIEWEE: From site to site?

6 MR. LLOYD: From site to site.

7 THE INTERVIEWEE: Absolutely.

8 MR. RICH: Are the service personnel able to clear
9 error codes?

10 We already talked about that they can reset the
11 clocks. Are they allowed to actually go in and modify the
12 software?

13 THE INTERVIEWEE: No. A field service engineer
14 cannot modify the software.

15 MR. RICH: But he is able to clear the error codes
16 in the afterloader?

17 THE INTERVIEWEE: That is correct.

18 MR. RICH: How about the computer console?

19 THE INTERVIEWEE: Correct.

20 MR. RICH: What warranty is provided with your
21 afterloader?

22 THE INTERVIEWEE: That is really a function of the
23 sale itself.

24 MR. RICH: You don't have a standard warranty?

25 THE INTERVIEWEE: A standard pat answer that I

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1 would give is that it is a twelve month warranty.

2 MR. RICH: Is that parts and service?

3 THE INTERVIEWEE: Correct, all inclusive.

4 MR. RICH: Along the same lines, I understand you
5 are going to have some service contracts in place. What is
6 covered under the service contracts?

7 THE INTERVIEWEE: Parts and labor.

8 MR. RICH: Is that specified each one individual,
9 it is one year at a time, two years at a time?

10 THE INTERVIEWEE: At this point, it is a twelve
11 month.

12 MR. RICH: And this covers all parts and labor?

13 THE INTERVIEWEE: Correct.

14 MR. RICH: No additional charges to the customer
15 for any abnormal parts, or does it cover the whole entire
16 machine?

17 THE INTERVIEWEE: At this point, the warranty
18 would cover the existing equipment on site.

19 MR. RICH: Thank you.

20 MR. LLOYD: One clarifying question here, on the
21 number of cycles, you mentioned it could be on the counter
22 anywhere from five left to only used five; is that correct?

23 THE INTERVIEWEE: Yes.

24 MR. LLOYD: So an entire quarter, the particular
25 machine was only used five times, or cycled five times?

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1 THE INTERVIEWEE: Yes, sir.

2 MR. LLOYD: What constitutes a cycle?

3 THE INTERVIEWEE: Active wire movement.

4 MR. LLOYD: Not the dummy wire?

5 THE INTERVIEWEE: There is a different count on
6 that, but as far as the site is concerned, it is the active
7 wire.

8 MR. LLOYD: How many number of cycles would you
9 normally expect during one treatment?

10 THE INTERVIEWEE: That is one of those kind of
11 questions that depends on the patient treatment. It can be
12 one cycle for a single catheter; it could be multiple
13 catheter treatment under one plan, which may, offhand, I
14 heard one physician order 22 catheters, so that one
15 treatment would generate 22 cycles from the machine.

16 MR. LLOYD: Do you have any questions to ask of
17 us?

18 THE INTERVIEWEE: I am afraid not. No, sir.

19 MR. RICH: Do you have any more questions?

20 MR. LLOYD: No more questions.

21 THE INTERVIEWEE: Okay.

22 [Whereupon, at 2:25 p.m., the interview was
23 concluded.]

24

25

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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: Kent Schaible

DOCKET NUMBER:

PLACE OF PROCEEDING: Houston, Texas

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.



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