

ORIGINAL

UNITED STATES
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF:

DOCKET NO:

INVESTIGATIVE INTERVIEW

Murray Miles

LOCATION: **8319**

PAGES: **2-27**

**Lookout Place
Chattanooga, Tennessee**

DATE: **April 1, 1987**

ACE-FEDERAL REPORTERS, INC.

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1 MR. WILLIAMSON: For the record, it is
2 1:05, April 1st, 1987. This is an interview of
3 Murray Miles, who is employed by Basic Energy Technology
4 Association. Location of this interview is Chattanooga,
5 Tennessee.

6 Present at this interview are
7 Larry Robinson, Mark Reinhart and Len Williamson. As
8 agreed, this is being transcribed by a Court Reporter.

9 The subject matter of this interview
10 concerns your knowledge of or involvement in the
11 March 20th, 1986, response from TVA to the NRC regarding
12 TVA's compliance with 10CFR Appendix B at Watts Bar Nuclear
13 Plant.

14 (Thereupon, the witness was sworn.)

15 EXAMINATION

16 BY MR. WILLIAMSON:

17 Q Mr. Miles, if you would, please, provide
18 for us some of your educational experience and work
19 experience within the nuclear industry.

20 A My degree is Bachelor of Engineering,
21 Physics, from Cornell University, 1953. I worked in
22 Naval Reactors from mid '55 until September, August, '79.
23 Since then I have been helping Nuclear Utilities. The
24 company basically, Energy Technology Associates was formed
25 on retirement from the Government, and in late 1979.

1 Enough details?

2 Q From 1955 to '79, you worked, you said,
3 with Naval Reactors in what capacity? What agencies?

4 A Reactors, part of the Navy Department
5 and Atomic Energy Commission. Energy Research, Development,
6 Administration into the Department of Energy while I was
7 there. I actually retired from the Department of Energy,
8 but I was, it's a joint enterprise of both Navy and AEC,
9 DOE.

10 Q Okay.

11 A My job when I left was Director, Division
12 of Nuclear Technology, which covered radiological,
13 chemistry emergency planning, amongst other things.

14 Q And you have been with BETA since 1979?

15 A Yes.

16 Q And that has been as a consultant capacity?

17 A Yes.

18 Q When did you begin working with TVA?

19 A Let me try to make that a simple question.

20 Q Okay.

21 A BETA's contract with TVA started, I think,
22 in January, 1986. My first visit under that was on the
23 2nd of April, '86. My first work of any kind under that
24 contract was the 2nd of April.

25 When you called me on the phone you asked

1 for what I was doing between January and March, and the
2 answer to that question was zero. I've gone back to look
3 at my travel records and my time sheets to find out did
4 I really do anything in spite of not traveling then, and
5 there are no charges on my account during that period
6 on TVA work.

7 Now, my first involvement with TVA was
8 as part of the team that came down here in November, '85.
9 Wegner and I and Steve White came to go for a three days
10 on site, week of the 11th of November.

11 Q Okay.

12 A Which included a day in this building,
13 a day in, well, adjacent building, a day in Sequoyah and
14 a day at Watts Bar.

15 Q And what was the purpose of this? To
16 review or assessment or what was it?

17 A Evaluation of how to help fix TVA nuclear
18 problems.

19 Q And you've been contracted by TVA to --

20 A (Interposing) No. I guess no.

21 Q I guess what I'm --

22 A (Interposing) Business relationship on
23 that one, I don't know very much about. I'd have to go
24 back and research it. To do that, my memory of it is
25 not going to be very good until I go back and look at

1 records, and even then I wasn't involved in the business
2 relationships. This was a team put together to go, we've
3 been helping other utilities that are in trouble in their
4 nuclear plants.

5 How do you help TVA's nuclear plants get
6 fixed?

7 So we got some people together and talked
8 about how to go do it, and we were invited here by TVA
9 to go look as part of that team.

10 Q Did this include, this team include
11 Larry Nace?

12 A Yes.

13 Q So Mr. Nace, Mr. Wegner, Mr. White and
14 yourself?

15 A Well, there were two pieces of the team.
16 Nace had a group of people that he ran for a two-week
17 round and they went off and did specific things that were
18 different than Wegner, White and myself did. We met
19 evenings, mornings, and compared notes, talked about it.
20 Part I was involved in was Wegner, White and myself. All
21 of us went through a few specific briefings. TVA had
22 a problem. And then Wegner, White and myself disappeared
23 into a room and talked to key people one by one, two days,
24 three days. A day in Chattanooga and then a day at each
25 site.

1 Q Who would key people be? What level
2 management?

3 A Mason, Cottle, Mary Lynn Taylor.

4 MR. ROBINSON: Parris?

5 THE WITNESS: No, not Parris. I don't
6 remember names. Our purpose at that time was to get a
7 feeling for the capabilities of the organization to rescue
8 itself.

9 BY MR. WILLIAMSON:

10 Q Was this review or evaluation from a
11 management perspective?

12 A Piece I was involved in was, yes.

13 Q The results of this review or assessment,
14 were they conveyed to anyone in TVA?

15 A Of course, but I don't know the answer
16 to the next question. White must have talked to, oh,
17 yes, I know. Of course, they were. White took them to,
18 I don't know. I wasn't there. It wasn't a written report
19 that I know of that I ever saw. Never wrote one. They
20 got to the Board, I'm sure.

21 Q The Board was briefed?

22 A I don't remember when. I don't have files
23 of when and how. Involvement I had at that round was
24 nearly over at the end of the trip. We did most of our
25 work here at that time on that week.

1 Q The conclusions that you reached and
2 subsequently briefed someone, the Board on, what was the
3 nature of those conclusions? What conclusions were
4 reached as a result of this evaluation?

5 A I don't know how to answer it. I wasn't
6 through the whole process. Conclusions got developed
7 in lots of subsequent rounds. Conclusion, rather than
8 conclusions. It was an impression carried away at the
9 end of that week where Nace and Gridley were left behind
10 to go do another week and all we had done was sample
11 management kind of problems. The concern was a preconceived
12 notion from the people talked to before we came here and
13 reading the newspapers and trade journals was the pay
14 kept, prohibited having good enough people to run the
15 enterprise. It was a very clear conclusion developed
16 almost immediately during the week that that was not true.

17 Q That that was not true?

18 A Right. There was a way to go fix TVA
19 in the basic constraints it had to live with without
20 fundamental restructuring of the way the nuclear enterprises
21 were set up. As far as a set of conclusions, this guy's
22 a good guy; that guy's a bad guy; that organization is
23 good, bad, I wasn't there through evolving that set of
24 things. It was more in terms of fundamental approach
25 to how do you rescue this place.

1 Q This conclusion that was reached which
2 your team, I guess that's Mr. White and Mr. Wegner and
3 yourself, was the result of interviewing key managers,
4 and did it include the review of any documentation?

5 A Not very much paper. We had no paper
6 ahead of time. The only paper I had in my file that I
7 took home with me was a salary schedule out of the local
8 news sheet that's in these boxes out here. Was printed,
9 and one that was available that day. So I grabbed it.
10 Don't think I had anything else except whatever notes
11 I took.

12 Q So your assessment, your particular team's
13 assessment was based on interview of these key management
14 people, then?

15 A Yes, sir.

16 Q And there was a subsequent, or I guess
17 a concurrent and subsequent review by Mr. Nace and his
18 group?

19 A Yes. And lots of discussions and brain --

20 Q (Interposing) Went into --

21 A (Interposing) Brainstorming sessions
22 and so on subsequently, which I wasn't really involved
23 in. I'm trying to give you the conclusions of that group.
24 I don't have them. I wasn't part of them. I helped.

25 Q These were BETA people and Stone and Webster

1 people that were involved?

2 A Nace, I think, was Stone and Webster.
3 I suspect most of his team was Stone and Webster. I'm
4 not sure. I probably knew at the time where they came
5 from. Didn't make much difference to me where they came
6 from. I don't know where White came from at that point.
7 What his contractual relations were. I don't think I
8 knew anything about those at that time.

9 Q This was all going on that November time
10 frame?

11 A Yes.

12 Q Were you called by Mr. White or by
13 Mr. Wegner or who? How did you folks get together?

14 A Wegner and I worked together all the time.

15 Q Okay.

16 A. We talked to lots of people, and the purpose
17 of me coming along was to have somebody else apply some
18 common sense, shared experience, type of tests, of stupid
19 outsider questions and so on. Now, specifically my trade,
20 my expertise in the radiological area wasn't really --
21 there wasn't a single radiological statement made by anybody
22 in those three days, and I was allowed to ask one
23 radiological question at the very end, because I was
24 chomping at the bit.

25 How could this radioactive enterprise

1 survive with nobody at any top levels mentioning
2 radioactive as part of their fundamental way of life.
3 So I had a personal conclusion out of all this, that I
4 didn't keep quiet about.

5 BY MR. REINHART:

6 Q What did they answer when you asked them
7 that?

8 A I can't remember what the question was
9 or whether it was at Sequoyah or Watts Bar. It was more
10 a twist their tail a little bit kind of question. Like
11 I, when did you stop beating your wife kind of question.

12 Q I see.

13 A How come nobody's said no radioactive
14 word, radiological word in all this time.

15 Q Okay.

16 A And Wegner and White evenings and over
17 breakfast and so on joking about it all the time, because
18 we never heard a word.

19 BY MR. WILLIAMSON:

20 Q During the process of this thing, were
21 you people, you three working independent of each other?

22 A No.

23 Q Okay. Doing this together?

24 A Together a hundred percent of the time.
25 Constantly from, you know, six in the morning till midnight

1 time frame working through breakfast, lunch and dinner
2 and meetings with people for that specific three days
3 here. There was work done ahead of time setting the meeting
4 up I wasn't involved in, and there was lots done afterwards.

5 BY MR. ROBINSON:

6 Q Were you talking primarily to construction,
7 engineering, operational people or mix of all?

8 A One of the presentations made the first
9 day here was Cantrell presented the engineering story.
10 I suspect that we interviewed Cantrell, also. I know
11 the Nace team went to Knoxville to work on engineering,
12 talked to a number of people.

13 Q So the way it was set up was that there
14 were some presentations made and then you conducted the
15 interviews?

16 A First morning presentations were made.
17 There were twenty to thirty TVA senior people around one
18 end, one half of the table and our team of ten on the
19 other side of the table, and they brought out the overhead
20 projectors and put on slides to describe the organization.

21 Q After the three days did you have any
22 perceptions or feel regarding TVA's Quality Assurance
23 organization?

24 A I must have. I don't remember who the
25 Quality Assurance person was. We must have talked to a

1 Quality Assurance boss. I'm sure he made a presentation.
2 He must have been on the list of people this panel talked
3 to, but I don't even remember his name. I don't remember
4 anything from the session.

5 Nace's outfit particularly bored in on
6 Quality Assurance, I think. I have a vague recollection
7 that he had an experienced Quality Assurance guy on his
8 team and they spent some time working on that subject.

9 Q From after the three days that you were
10 there in November you were not physically at any of the
11 TVA sites until April of the next year?

12 A Right.

13 Q During that period time, and I'll refer
14 to the January through March time frame.

15 A I wasn't involved in November after we
16 went home. It was one meeting I was involved in trying
17 to put the pieces together the following week, but from
18 then on my help wasn't needed particularly. It was just
19 one more person in the way. I did what I could do. Had
20 a chance to think through what I'd learned, talk about
21 it. From then on until April 2, I did nothing.

22 Q Was your advice sought by Mr. Wegner and
23 Mr. Bass or Mr. Brodsky regarding this March 20th letter
24 at all, even though you weren't physically at TVA?

25 A No. As I told Larry when he called me on

1 the phone, I've not met the -- excuse me. As I told you
2 on the phone, I've not even read the March 20th letter.
3 I still have not read it.

4 BY MR. REINHART:

5 Q You said that week on site was the week
6 of the 11th of November. Are you sure that's the right
7 date?

8 A Yes. Positive.

9 Q Okay.

10 A I went back through my day timer and I
11 keep excellent records of time and detail of what I do.
12 We traveled the night of the 11th the whole day and we
13 showed up in this Complex first thing the morning, Tuesday
14 the 12th.

15 Q Okay.

16 A And went to Sequoyah on Wednesday, and
17 we went to Watts Bar on Thursday.

18 Q And home on Friday or --

19 A (Interposing) I think we went home
20 Thursday night, because that Watts Bar trip was fairly
21 short. We were only on site a couple of hours.

22 Q So from that time on you didn't get involved
23 in reviewing anything at all or commenting or consulting
24 or helping in reviewing results of anybody's work?

25 A My day timer shows that on the following

1 week there was a session in Washington pulled together
2 some of those stories. I think that must be after Nace's
3 group finished the work.

4 During that time frame I'm sure I might
5 have talked with Wegner in Washington on the phone, whatever.
6 It was clear I was interested in what was going on.

7 Q Okay. But from then on, just absolutely
8 nothing?

9 A But I don't think I ever saw any paper.
10 I don't have any paper. Didn't have any paper then. Some
11 organization charts that were handed in those briefing
12 sessions.

13 Q Okay. But just, I'm just trying to be
14 absolutely clear from January through March there's just
15 nothing that you were involved in or reviewed or commented
16 on?

17 A No paper involved in, we have Wegner,
18 Brodsky, Bass and I show up various places at various
19 times and have dinner together and talked about what's
20 going on in the world. So TVA certainly got discussed
21 in those things, I'm sure. But I don't have any records
22 of it to remind me of when and where. I can track what
23 cities I had dinner with them in, what days, and surmise
24 that anytime we got together during that period we had
25 to have talked about TVA. Now, as far as specific papers

1 reviewed, conclusions reached, it's more in terms of what's
2 going on. When do you need me? When can I go work on
3 radiological, because I'm nervous about it? Those kinds
4 of discussions. Weekly basis, maybe. "Hey, Wegner, when?"

5 Until April 2, "Now".

6 Q Did you get involved in any of those
7 discussions possibly about an effort done by Craiglan Dean
8 from Stone and Webster in reviewing the line's response
9 to the NSRS perceptions? Does that ring a bell at all?

10 A Not at all.

11 Q Okay.

12 A Don't recognize the name.

13 MR. REINHART: Okay.

14 BY MR. ROBINSON:

15 Q Are you familiar or I'll say were you
16 familiar during the December, '85 to March, '86 time frame
17 of the NSRS perceptions that were presented to the NRC
18 Commissioner?

19 A No.

20 BY MR. WILLIAMSON:

21 Q Were you familiar?

22 A I think what I know about NSRS at that
23 time frame is what I read in the newspapers and trade
24 journals about it before the November trip.

25 Q Earlier you said that you were chomping

1 at the bit to ask the radiological questions, and I think
2 you indicated that you came to your own personal conclusion
3 radiologically as a result of the three-day November period.
4 Would you share that conclusion with us?

5 A Yes, I did. On radiological, it was,
6 I was appalled that none of the senior people would even
7 say one radiological word. Fairly extensive discussion
8 over the TVA problems.

9 Q Were the construction, were the
10 conversations primarily construction oriented?

11 A Very little construction oriented, is
12 my vague memory.

13 Q Engineering?

14 A Sure.

15 BY MR. REINHART:

16 Q Operations?

17 A Heavily operation. Sequoyah was as
18 operational, and we did go to Sequoyah and talked to
19 whoever was available among the leaders of Sequoyah.

20 Q Real briefly, since you did come on board
21 in April of '86, what was your, or is your main area of
22 responsibility? Is it radiological now or do you get
23 involved in other things?

24 A I'm worried about your use of the term
25 responsibility in a technical fashion.

1 MR. WILLIAMSON: Advisor.

2 THE WITNESS: Because I don't have any
3 lines functions that people might read that word as
4 implying. I am --

5 BY MR. REINHART:

6 Q (Interposing) What was your function?

7 A I'm a member and advisor on the Browns Ferry
8 Nuclear Safety Review Board since January, '87. I have
9 to reconstruct that time. Approximately January, '87
10 and April '86, my first work for White was figure out
11 what's wrong with the radiological control programs in
12 TVA and recommend to him how to fix them.

13 Q Okay.

14 A And in the process related pieces of
15 chemistry emergency planning, industrial safety, other
16 pieces that are closely related to radiological.

17 MR. REINHART: Okay.

18 BY MR. WILLIAMSON:

19 Q Mr. Miles, because there's a conflict
20 of date and you were, when you met with, at Watts Bar,
21 did you meet with a group of people there from Operations,
22 you and Mr. White and Mr. Wegner?

23 A That Thursday session was, there was great
24 difficulty getting the people together that we needed
25 to talk to. It ended up with four or five or six key

1 people sitting in a room around a table with the three
2 of us. We asked questions more as a panel of them and
3 a panel of us sitting in a room. I suspect we must have
4 had an individual interview in there, too, but it sure
5 wasn't much of one. It was mostly one room full of people
6 talking. Don't think we were there more than about two
7 or three hours by the time it all sorted out with conflicts
8 of schedules of people and that may have been the day
9 the Board of Directors was on site and they had people
10 off in a different room. I think maybe that's what was
11 going on that day. The weather was bad and they had,
12 the times didn't work out very well.

13 Q Do you recall any of the specific concerns
14 that these individuals might have had or areas of concern
15 they might have discussed?

16 A No.

17 Q Do you recall anything might have been
18 said that surprised you or alarmed you with regard to
19 the current condition of things at Watts Bar with regard
20 to the QA program or safety concerns?

21 A No. Even in my day timer, although I
22 had on there on that trip was that we went to Watts Bar
23 that day.

24 Q One other question that I'd like, was
25 there any reason why you didn't talk with Mr. Hugh Parris,

1 who was then the manager of Nuclear Power and Licensing,
2 I think, Engineering?

3 A I think that was, think White had those
4 discussions in terms of setting up the visit.

5 Q Had discussions with Mr. Parris? .

6 A It was the mechanics of the visit, I think
7 were discussed with Parris. I think that's the only place
8 I heard the name mentioned. I never met him.

9 BY MR. REINHART:

10 Q Am I right in if I glean how you personally
11 got involved was through Mr. Wegner asking you to come?

12 A Yes.

13 MR. REINHART: Okay.

14 THE WITNESS: I've lived with Mr. White
15 all my life, my technical life from way back.

16 BY MR. ROBINSON:

17 Q In what context?

18 A He was a commanding officer of a ship
19 and on up the line and went through my respective
20 commanding officer training course and just dealt with
21 him for years and years. Had a mutual respect in abilities,
22 so we worked together well.

23 BY MR. REINHART:

24 Q But you're not real sure how he got involved
25 in this particular effort?

1 A I don't think I met him until the evening
2 we arrived here on the 11th of November.

3 BY MR. ROBINSON:

4 Q You don't know if TVA asked him to come
5 in or Mr. Wegner might have asked him to come in or how
6 he got connected?

7 A The blow by blows on where that happened,
8 I guess I must have known somewhere along the line in
9 the same kind of conversations around the dinner table
10 in various cities talking about what's next. So I must
11 have known at that time, but I don't know now.

12 BY MR. REINHART:

13 Q Who does the most of the business
14 activities for BETA?

15 A We all do. What do you mean by business
16 activities?

17 Q Well, I guess I was referring to you,
18 what you meant when you said you didn't get involved in
19 the business end.

20 A On setting up the contracts and so on?

21 Q Yeah.

22 A Depends on, everybody does a little. TVA's
23 not one I do even a little of.

24 Q Some in a given project?

25 A Depends on what the problem is.

1 Q One person might do a contract or another
2 person might do a contract, you draw on each other?

3 A If I go look for who's the expert in the
4 area, Bill Bass has lots of experience back from his
5 prior job in naval reactors.

6 Q So Bass would be the contract expert if
7 you had one. Is that what you're saying?

8 A Yes, but for this one, I don't know who,
9 if it was Brodsky or Wegner more involved. I suspect
10 Brodsky and Wegner were more involved than Bass for the
11 TVA contract.

12 Q Okay.

13 A I don't think I was involved at all in
14 any of it.

15 Q Okay. If you could pick a BETA --

16 A (Interposing) I'm involved in a contract
17 for places only I work. I'm the one who sorts the contract
18 problems.

19 Q I see. If you could pick in BETA, if
20 you have one, an expert in QA, who would that be?

21 A Bass.

22 Q Bass. What would his depth of experience
23 there be?

24 A His early rounds with the nuclear power
25 group, Mare Island Naval Shipyards. He later was the

1 Naval Reactor representative at New York Ship and
2 Construction of Nuclear Ships. Quality Assurance was
3 a major function of that office. You might say the only
4 function.

5 Q Okay.

6 A And after some years there he came to
7 the headquarters to be the project officer for commission,
8 submarines, and that round he was a member of an inspection
9 team that I was a member of where a dozen of us senior
10 people would go off to spend a week at a shipyard, and
11 he was very heavy on Quality Assurance inspections in
12 those rounds.

13 Q How would you rate the other three,
14 yourself, Mr. Brodsky, Mr. Wegner as far as QA expertise?

15 A Brodsky has worked at Quality Assurance,
16 some of the plants we've worked at. Wegner's worked
17 at everything. I've worked least at Quality Assurance.

18 Q Okay.

19 A At TVA I'm not sure which one has done
20 more Quality Assurance. I suspect both Brodsky and Bass
21 have both worked at it here. I'm not all that sure. I
22 know, for example, that working at Oyster Creek Bass worked
23 very, in great detail in the Quality Assurance organization.
24 I know that when we did a review of GRC nuclears, whole
25 nuclear program Bass worked heavily at the Quality Assurance

1 corporate wide.

2 BY MR. WILLIAMSON:

3 Q Is Mr. Bass involved in this management
4 assessment?

5 A No.

6 Q Mr. Brodsky?

7 A No.

8 Q What's Mr. Wegner's technical expertise?

9 A In naval reactors.

10 Q Okay. Do you know if he got involved
11 here primarily in that?

12 A It's not enough of an answer.

13 Q Okay.

14 A He went through the MIT Nuclear Engineering
15 Program. He was the Naval Reactors representative at
16 Pascagoula Ingle Shipyards through construction of
17 submarines for a long time. That was very heavy Quality
18 Assurance business. Before he came back to Naval Reactors,
19 he was a nuclear engineer in naval reactors before he
20 went to Pascagoula.

21 When he returned in 1962, he took over
22 the job that he had for the next fifteen, sixteen, seventeen
23 years, which was deputy, and that ran the training business
24 directly.

25 Q Okay.

1 A Amongst other things.

2 Q Right. Okay.

3 A Another very specific piece of directly
4 applicable, he ran the inspection business out of his
5 office, which included the fleet inspection business.

6 Q When you say inspection, you mean
7 operational inspection?

8 A Yes.

9 Q When you say training, do you mean
10 prototype?

11 A Yes. Everything.

12 Q Everything. Okay.

13 BY MR. ROBINSON:

14 Q Mr. Miles, during your periodic dinner
15 meetings with other members of BETA, do you recall any
16 of them ever bringing up the issue that, "Hey, we've got
17 to provide a sworn answer to NRC regarding compliance
18 with Appendix B"?

19 A No.

20 Q Okay.

21 A Unlikely that kind of subject would come
22 out of there anyway.

23 Q Why?

24 A I was incredibly busy in those months
25 working on too many different things at the same time.

1 'so it was more status kind of conversations about what's
2 going on. Not any details, unless I needed to go work
3 a specific detail to get reactions or help on. That's
4 too detailed for the kind of conversations we would usually
5 have.

6 MR. ROBINSON: Okay. That's all I have.

7 MR. REINHART: Me, too.

8 THE WITNESS: You mentioned something
9 about confusion over times?

10 BY MR. WILLIAMSON:

11 Q Yeah. We were given --

12 A (Interposing) Am I confused on the time?

13 MR. ROBINSON: No.

14 MR. WILLIAMSON: We were given another
15 date, December the 3rd or something for a meeting, but
16 that was --

17 THE WITNESS: (Interposing) There were
18 a lot of other meetings, I'm sure.

19 BY MR. WILLIAMSON:

20 Q But you weren't at Watts Bar on
21 December the 3rd?

22 A I was not.

23 Q Yes.

24 A But that doesn't mean others weren't as
25 part of this.

1 Q I understand. And this was, I don't think,
2 it was a guess by this individual.

3 A As a result of your phone call, I went
4 back to be sure that I was talking the right dates.

5 MR. ROBINSON: Appreciate that.

6 THE WITNESS: Because it was the April
7 visit I was sort of sure when we talked that I had not
8 been here in January through March. So I went and looked
9 to be sure I had the right dates.

10 BY MR. WILLIAMSON:

11 Q To reiterate, you had no verbal or written
12 input into the response, March 20th response from
13 Mr. White to NRC regarding TVA's compliance with
14 Appendix B at Watts Bar Nuclear Plant?

15 A Correct.

16 Q Mr. Miles, have I or any other NRC
17 representative here threatened you in any manner or offered
18 you any reward in return for this statement?

19 A No.

20 Q Have you given this statement freely and
21 voluntarily?

22 A Yes.

23 Q Is there any additional information you'd
24 like to add to the record?

25 A No.

1 MR. WILLIAMSON: We'd like to thank you
2 for your time and cooperation in our investigation. This
3 interview is concluded at 1:47, on April 1st, 1987.

4 (Thereupon, the interview was concluded.)
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CERTIFICATE OF OFFICIAL REPORTER

This is to certify that the attached proceedings before the UNITED STATES NUCLEAR REGULATORY COMMISSION in the matter of:

NAME OF PROCEEDING:

TVA'S COMPLIANCE WITH 10 CFR Appendix B

AN INVESTIGATIVE INTERVIEW OF:

MURRAY MILES

DOCKET NO:

PLACE: **8319
LOOKOUT PLACE
CHATTANOOGA, TENNESSEE**

DATE: **APRIL 1, 1987**

were held as herein appears, and that this is the original transcript thereof for the file of the United States Nuclear Regulatory Commission.

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