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Jeng / Devore (AC-29)

Jeng / Hefner (AC-30)

NUCLEAR REGULATORY COMMISSION

TECHNICAL REVIEW TEAM

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1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION
3 TECHNICAL REVIEW TEAM
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8 TECHNICAL INTERVIEW
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12 Friday, August 3, 1984
13 ([REDACTED])
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15 The interview was commenced at 1:40 p.m.
16

17 PRESENT:

18 MR. DICK WESSMAN, Technical Review Team Staff
19 Nuclear Regulatory Commission
Washington, D.C. 20555

20 MR. DAVE JENG, Technical Review Team Staff
21 Nuclear Regulatory Commission
Washington, D.C. 20555

22 MR. JOHN DEVARIS, Technical Review Team Staff
23 Nuclear Regulatory Commission
Washington, D.C. 20555
24 [REDACTED]
25

P R O C E E D I N G S

MR. WESSMAN: For the record, this is an interview of [REDACTED] for the purpose of clarifying some concerns that he raised regarding concrete pour and installation at the Comanche Peak Nuclear Power Plant. The location of this interview is in [REDACTED] Present at the interview are [REDACTED] myself, Dick Wessman from the N.R.C., Dave Jeng from the N.R.C., and John Devars from the N.R.C. Now, as we've agreed, the interview is being transcribed. The N.R.C. wants to ask some rather specific questions regarding the technical aspects of some of the concrete installation at Comanche Peak. Before we start with a couple of those questions, [REDACTED] I would like to clarify, if I may, your current employment and your employment while you were at Comanche Peak. If you could, just describe briefly the details of the things that you were doing; the position you held out there at Comanche Peak.

[REDACTED]

MR. WESSMAN: When did you leave out there at Comanche,

[REDACTED]

[REDACTED]

MR. WESSMAN: That's fine. We're just trying to get

1 an approximate feel. [REDACTED]

2 [REDACTED]
3 [REDACTED] Yes.

4 MR. WESSMAN: Have you done any work out there since
5 that time?

6 [REDACTED] No.

7 MR. WESSMAN. Okay. [REDACTED] if I can, I'm going to ask
8 Dave Jeng and John Devars to ask these few questions we have
9 on the sheet here and then, we'll pursue the one comment
10 that you had about item E in our letter on the concrete.

11 MR. JENG: [REDACTED] based on the earlier discussions you
12 had with an N.R.C. investigator, you indicated that there
13 were a six foot by six foot section of concrete walls which
14 was without reinforcement. Could you be more specific
15 about that particular location of such opening and what
16 building they were in; and also, as to what elevation or
17 location in the building. Could you try your best to your
18 recollection to answer these questions?

19 [REDACTED] Well, the area in here, it's not that big
20 a section. It's not a six by six.

21 MR. JENG: Okay. What size was it, approximately?

22 [REDACTED] It's located around the spillway.

23 MR. JENG: Around the spillway?

24 [REDACTED] Does it have two lakes over there?

25 MR. DEVARS: Yes. It has basically two lakes.

1 [REDACTED] Well, you know the first spillway that was
2 completed over there, okay?

3 MR. DEVARS: Okay.

4 [REDACTED] I'm not no scuba diver, but it was one of
5 those big pipes that went through that's supposed to carry
6 water out -- You know what I'm talking about?

7 MR. WESSMAN: Do you believe this was the main circu-
8 lating water discharge piping that went back into the lake?

9 [REDACTED] It was about like this. [REDACTED] indi-
10 cating.)

11 MR. JENG: But you're talking about the spillways were
12 no longer in the safeguards building which was indicated
13 in your earlier statement. Let's talk about --

14 [REDACTED] I didn't say nothing about safeguard. Okay?

15 MR. WESSMAN: Okay. We're mixed up. We had thought
16 that the area you were talking about was in this safeguards
17 building. I think what you're talking about relates to the
18 dam or the discharge area where the circulating water goes
19 back out into that lake; is that correct?

20 [REDACTED] Right.

21 MR. JENG: Which one?

22 MR. DEVARS: He also, I think, made that allegation
23 was -- had to do with the spillway. That's where you had
24 your problems of crumbling concretes?

25 [REDACTED] Right.

1 MR. DEVARS: And also, the column spand or pillar was
2 seventy-five to eighty degrees offsets?

3 [REDACTED] Right.

4 MR. JENG: Now, given that, [REDACTED] could you try your
5 best to describe what was the size and what was the particular
6 location of these openings where you saw no reinforcement
7 was placed before they poured the concrete.

8 [REDACTED] All right. Like from the spillway, the
9 third or fourth column back this way -- one of those big
10 pipes like I'm talking about -- they couldn't fit the pipe
11 in there. You know what I'm saying? Before they started
12 pouring the concrete, so they cut all the rebar out and here
13 come the concrete.

14 MR. JENG: Okay. So, that's in pertaining to this
15 six foot/six foot alleged in the statement you made. This
16 is no longer part of your allegation; is that right?

17 [REDACTED]: Well, now six by six -- I never did say
18 that.

19 MR. JENG: I see. That's great. Now, this particular
20 deficiency you are identifying now, you said there is a pipe
21 coming in and the rebar is supposed to pour around the pipe,
22 but they did not put that rebar there.

23 [REDACTED] Right. They set the pipe in there and no
24 rebar around it.

25 MR. JENG: Okay. Did you personally see --

1 [REDACTED] I saw.

2 MR. JENG: -- that they poured the concrete --

3 [REDACTED] Right.

4 MR. JENG: -- without rebars? Or they may have come
5 back to put the rebars in after they poured the concrete.

6 [REDACTED] How can you put rebar in there after they
7 poured concrete, man?

8 MR. JENG: I never was there, so I'm asking you your
9 opinion. You were there. You are the guy who will know
10 more; right? I'm just asking you.

11 [REDACTED] I'm telling you they poured concrete
12 around that pipe without no rebar around it. No support.

13 MR. WESSMAN: And we're still talking about at this
14 dam; is that correct?

15 [REDACTED] Right.

16 MR. DEVARS: At this spillway?

17 [REDACTED] Right.

18 MR. DEVARS: Let me just clarify. There's two spill-
19 ways at the site. Which one?

20 [REDACTED] The very first one I guess.

21 MR. DEVARS: Is that the one on the other side of the
22 body of water. There's one next to the plant and there's
23 one way on the other side.

24 [REDACTED] It's the one on the north end. Is that what
25 they call Squaw Creek now?

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MR. DEVARS: Squaw Creek Dam.

[REDACTED] Okay.

MR. DEVARS: That's the one you're talking about?

[REDACTED] Yeah.

MR. DEVARS: Okay.

MR. JENG: Have you seen the pipe on this particular spillway? (Directing question to Mr. Devars.)

MR. DEVARS: No. I was out there, but I don't know specifically where the pipe was located at. I need to go back out there again.

MR. WESSMAN: Okay. Do we have enough now that you think you could locate the approximate area based on his description? (Directing question to Mr. Devars.)

MR. DEVARS: Yes. I know where the location is. It's at the Squaw Creek Dam.

MR. JENG: One more question, [REDACTED] How big was the pipe when you tried to describe it? Is that twelve inch? Eighteen inch?

[REDACTED] (Indicating with hands.)

MR. JENG: About that size. Okay. Let's call it twenty-four inches. And this was straight around or curving?

[REDACTED] It was stragiht.

MR. JENG: You saw one of the locations?

[REDACTED] Right.

MR. JENG: These are third or fourth pier? Number

1 three or number four pier? Approximately?

2 [REDACTED] Well, from the east side, it would be like
3 number three or number four. Something like that.

4 MR. JENG: Okay. I think that's all we need to know.
5 Thank you.

6 [REDACTED] Now, I'm not through.

7 MR. JENG: On this one.

8 MR. WESSMAN: Okay. On that question. Go ahead
9 to your next one now.

10 Let's go off the record for a minute.

11 (Off the record.)

12 MR. JENG: [REDACTED] we got into this pipe you just mentioned.
13 Are you aware of any co-workers besides yourself who saw
14 that they poured concrete without rebars? Besides yourself?
15 If you can identify that, that will help us pinpoint and re-
16 solve the problem. Anyone that you know that you are aware
17 of?

18 [REDACTED] Well, I don't know if he would testify or
19 not, but there's a man working around here in this local
20 neighborhood for a construction company. His name is [REDACTED]

21 [REDACTED]
22 MR. JENG: How do you spell it?

23 [REDACTED]
24 MR. WESSMAN: And he lives right here in [REDACTED]
25 [REDACTED]

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[REDACTED]

MR. WESSMAN: [REDACTED] what I suggest to you is this:
If you know [REDACTED] and see him frequently, if you would
tell him that we talked with you and if he feels that he
would like to talk with us about this, I'm going to give you a
phone number where he can call me and ask that he make a
call collect to me or a member of the N.R.C. staff and we'll
work out an arrangement where we can come and talk with him.

[REDACTED] I don't know how this Vanguard building got
put in this. I never did mention the Vanguard building.

[REDACTED] reading from document Mr. Wessman handed him.)

MR. JENG: [REDACTED] one last question. I want to be sure
I understand what you are mentioning. Did you actually see
the concrete being installed without rebars in this particu-
lar area around the pipe?

[REDACTED] Yes.

MR. JENG: You saw with your eyes?

[REDACTED] Yes. I saw them cut the rebar out so that
they could put the pipe in there.

MR. JENG: Okay. And they poured the concrete after
they cut the rebars?

[REDACTED] Right.

MR. JENG: Okay. Thank you very much.

MR. DEVARS: I have a question. Was this actually a
part of the spillway or was this part of the dam that's in

1 that particular location?

2 [REDACTED] It's one of those pillars right up there
3 close to the top.

4 MR. JENG: [REDACTED] for our information, did you have any
5 more mention on the design drawings -- maybe the drawing
6 called for no rebar. Or you knew for sure the drawing
7 required placing rebars, yet they cut it out. Do you have
8 any more mention on this account? Just in general drawings
9 which may indicate whether the rebar should be there or not
10 there? Are you aware of anything at all?

11 [REDACTED] Well, I forget my foreman's name, but we
12 had to replace some of those steel rods -- What do you call
13 them where they'll send me the forms?

14 MR. JENG: A connection?

15 [REDACTED] Yeah. And then, they cut the rebar out,
16 like I say. It wasn't according to print. That's what I'm
17 saying. That's what my foreman told me; and I can't remember
18 his name.

19 MR. JENG: Okay. Thank you very much.

20 MR. WESSMAN: Okay. That concludes the questions
21 that we were specifically coming to talk to you on, [REDACTED]
22 Now, you want to offer a comment on one item on that paper;
23 is that right? Can I see the paper for a minute? [REDACTED]
24 hands document back to Mr. Wessman.) The item that you
25 wanted to comment on is item E on our May 23rd report; is

1 that correct?

2 [REDACTED] Right.

3 MR. WESSMAN: Okay. This item reads: [REDACTED]

4 [REDACTED] they would pour concrete in hot and cold
5 weather and the next day we would remove forms and the con-
6 crete fell away and they would just pour over it again.

7 [REDACTED] I don't know who took that down, but that's
8 not my words.

9 MR. JENG: So, as what you remember, this does not
10 reflect your information? You are not making this statement?

11 [REDACTED] I will make a statement.

12 MR. JENG: No. This is not --

13 MR. WESSMAN: You are saying that this statement in
14 this report of ours attributed to you is incorrect; is that
15 what you are saying?

16 [REDACTED] I'm saying it's partially correct, but
17 it's incorrectly worded. That's not what I said.

18 MR. WESSMAN: Okay. Would you be so kind as to tell
19 us --

20 [REDACTED] I'm telling you that's partially --

21 MR. WESSMAN: -- what you --

22 [REDACTED] WAIT A MINUTE! Okay?

23 MR. WESSMAN: Okay.

24 [REDACTED] The person I called and talked to, I told
25 him that we pour concrete below freezing weather. Okay? The

1 next morning when we went to work, you could take a hammer
2 and you could -- you could dig it just like that. Just like
3 that. The very same night we made that pour, I can't remember
4 the night, but they made a pour on a wall; I don't know
5 where it was at, but it was several people working overtime
6 that night, made a pour on a wall of a reactor over there
7 and the concrete froze on the bolt ring.

8 MR. WESSMAN: Is this a wall of the reactor building
9 or a wall inside the building?

10 [REDACTED] On the outside -- Inside.

11 MR. WESSMAN: Inside?

12 [REDACTED] Inside.

13 MR. WESSMAN: Do you have any idea whereabouts
14 inside?

15 [REDACTED] I wasn't working over there.

16 MR. WESSMAN: You didn't see this. This is what
17 you heard or did you see this crumbling or where this pour
18 was?

19 [REDACTED] I know there was some guys that stayed
20 over that night on the carpenter crew. Okay? The same
21 night we did and they said that their concrete was in the
22 same shape that ours was. It was frozen and you could just
23 take and crumble it out.

24 MR. WESSMAN: All right. Do you recall the approximate
25 date of that or even the month that will give us a clue so

1 we can look at the pour records?

2 [REDACTED] That wouldn't do you no good.

3 MR. WESSMAN: Nuts.

4 [REDACTED] Nuts! What do you mean by that?

5 MR. WESSMAN: Nuts. We want to try and look at the
6 records or know whereabouts --

7 [REDACTED] Nuts! Hell! When the records have been
8 falsified, what are you going to do?

9 MR. JENG: We are getting to that. Many, many items,
10 issues; some of them are regarding what you just mentioned:
11 falsification of records, and we are looking into that area
12 as well.

13 MR. WESSMAN: All right. Is there anything else about
14 this statement that you want to clarify?

15 [REDACTED] I just want to say that the cement was
16 poured during the cold weather, it froze; the hot weather --
17 I didn't even say that.

18 MR. WESSMAN: Okay. We'll get that resolved. Is
19 there anything else that you would like to say to us while
20 we're taking notes and on the record?

21 [REDACTED] Well, let me look through that. Okay?

22 (Mr. Wessman hands document back to [REDACTED] This basically
23 says what I'm talking about right here.

24 MR. WESSMAN: Okay. You're talking about item 4C and
25 D on the second page of this report?

1 [REDACTED] Uh-huh.

2 MR. WESSMAN: Okay. Then I think this is all we want
3 to try and cover with you, [REDACTED] Do you have anything else
4 that you want to add then?

5 [REDACTED] That's it.

6 MR. WESSMAN: Have you given this statement to us freely
7 and voluntarily?

8 [REDACTED] You better believe it.

9 MR. WESSMAN: We thank you for your time, [REDACTED] Let's
10 go off the record.


11 (Whereupon the interview was
12 concluded.)
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CERTIFICATE OF PROCEEDINGS

This is to certify that the attached proceedings before the
Nuclear Regulatory Commission

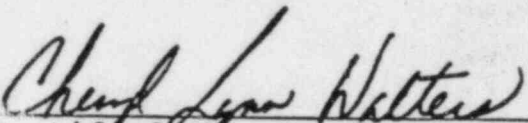
In the Matter of: COMANCHE PEAK, TECHNICAL
INTERVIEW

Date of Proceeding: Friday, August 3, 1984

Place of Proceeding: 

were held as herein appears, and that this is the original
transcript for the file of the Commission.

Cheryl Lynn Walters, CSR
Certified Shorthand Reporter


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