

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the matter of:

Interview of Steven J. Moody

Docket No.

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TAYLOE ASSOCIATES

Court Reporters
1625 I Street, N.W. Suite 1004
Washington, D.C. 20006
(202) 293-3950

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8 Interview of Steven J. Moody
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11 June 17, 1982
12 Palo Verde Nuclear Station
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14 Investigators: E. J. Power
15 Owen Shackleton
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P R O C E E D I N G S

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2 INVESTIGATOR: This is an interview of Mr. Steven
3 J. Moody, Electrician for Bechtel Power Corporation, presently
4 working at Palo Verde Nuclear Generation Station, on Unit No.
5 1.

6 Steve, do we have your permission to record your
7 interview?

8 MR. MOODY: Yes.

9 INVESTIGATOR: Okay, Steve, are you working in
10 terminations?

11 MR. MOODY: Yes.

12 INVESTIGATOR: What's your assignment?

13 MR. MOODY: Well, I've only been on this high
14 voltage crew about three months. And I've helped with this
15 maybe (inaudible) high voltage terminations and mainly I've
16 been working on low voltage.

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11 INVESTIGATOR: The next issue relates to the circum-
12 stance where you're making a connection to a motor and the
13 motor may have, the pecker-head only has a one-bolt lug. And
14 the steel cable has a two-bolt lug. Have you had any circum-
15 stances like that?

16 MR. MOODY: Yes.

17 INVESTIGATOR: How would you handle it, Steve?

18 MR. MOODY: Well, we have filled in the field
19 cable so that it isn't, so that there isn't a void in there.

20 INVESTIGATOR: How do you fill it in; what do you
21 do?

22 MR. MOODY: With tape.

23 INVESTIGATOR: With tape?

24 MR. MOODY: Yes.

25 INVESTIGATOR: Did you ever use a bolt to fill that

1 void?

2 MR. MOODY: Oh, wait a minute. Yea, they did use
3 a bolt. Correction on that, they did use a bolt.

4 INVESTIGATOR: When you say "they" you haven't
5 had many, then, I take it?

6 MR. MOODY: Well, see, I'm rather new on it, so --

7 INVESTIGATOR: Okay. Was there any discussion made
8 when they used the bolt, or was it just a matter of fact
9 practice.

10 MR. MOODY: A matter of fact.

11 INVESTIGATOR: And how would you personally justify
12 that; that type of operation?

13 MR. MOODY: What --

14 INVESTIGATOR: Using a bolt. What would be the
15 advantage to it?

16 MR. MOODY: You certainly wouldn't want to cut the
17 lug or anything like that, you know; you'd ruin the entirety
18 of the lug. So rather than risking a void or risking a soft
19 spot in your termination, you'd be more consistent to use a
20 bolt, you know, to use two bolts.

21 INVESTIGATOR: No ulterior motive?

22 MR. MOODY: No ulterior motive.

23 INVESTIGATOR: Okay. The next issue, Steve,
24 relates to QC inspectors and your opinion of the QC personnel
25 who are inspecting work being done by you and your fellow

1 craftsmen. Do you feel that they are doing an adequate job;
2 that they appear to be adequately trained?

3 MR. MOODY: Yes, I believe they are. You know,
4 everybody can't be trained for everything, but they are
5 certainly have -- I don't know exactly how to explain it, but
6 they are not -- they don't go to the -- when things are
7 explained, if they don't understand exactly, they buy the
8 engineers or --

9 INVESTIGATOR: Well, what you're saying is they
10 will question some things --

11 MR. MOODY: Yes, they will question.

12 (Simultaneous discussion.)

13 INVESTIGATOR: -- they might think is safety related.

14 MR. MOODY: -- but if they don't understand it,
15 they will.

16 INVESTIGATOR: Yes. And if they do, and get an
17 adequate from an engineering staff, then they accept that?

18 MR. MOODY: Yes.

19 INVESTIGATOR: So they (inaudible) between both of
20 you, then --

21 MR. MOODY: Yes.

22 INVESTIGATOR: --

23 MR. MOODY: Yes. I mean, they will go for an
24 explanation. They won't, you know -- they're looking for a
25 good job; they're not looking, you know, to hide anything from

1 you all, or anything like that, is what I'm trying to say.

2 INVESTIGATOR: Have you had -- the same line of
3 questioning, Steve, -- have you had any problem either
4 directly, and I don't mean just a problem, but observations
5 or even heard by hearsay where QC inspectors have been over-
6 ridden by construction foremen? Been intimidated is what
7 I'm talking about.

8 MR. MOODY: No, no.

9 INVESTIGATOR: You feel that these people, QC people
10 in here are able to do their job freely without interference?

11 MR. MOODY: This is true.

12 INVESTIGATOR: Okay. Have you had anything to do
13 with high pot testing since you've been here?

14 MR. MOODY: On two occasions, but I didn't -- I
15 run the machine (inaudible).

16 INVESTIGATOR: Have you seen or heard of excessive
17 high potting?

18 MR. MOODY: No.

19 INVESTIGATOR: Where lines have been high potted
20 more than one time?

21 MR. MOODY: No.

22 INVESTIGATOR: And you had made a determination,
23 Steve, where you use either cabling or conduit coming into a
24 control panel and you use O rings for integrity around where
25 it goes through the cabinet? This would be primarily with

1 conduit, I'm sure.

2 MR. MOODY: O rings? I'm not too sure what you
3 mean by O rings.

4 INVESTIGATOR: Well, I'm not -- bear with me.
5 Again, what I'm told is, I'm sure it has to do with conduit,
6 that they have a kind of a slip fitting, and it's threaded, --

7 MR. MOODY: Uh-huh.

8 INVESTIGATOR: And it's on the conduit and where
9 it comes down, fits to the top of the cabinet, --

10 MR. MOODY: Oh, I see.

11 INVESTIGATOR: -- this has a screw-down, and it
12 compresses the O ring for watertight integrity. Have you
13 had any connections with terminations?

14 MR. MOODY: No, I haven't.

15 INVESTIGATOR: Okay. Have you observed or heard
16 of any drilling where they're taking a core drilling through
17 the wall to run a new cable through it and have accidentally
18 drilled into conduit?

19 MR. MOODY: No, I haven't.

20 INVESTIGATOR: Do they X-ray the terminations that
21 you fellows work on?

22 MR. MOODY: No.

23 INVESTIGATOR: Okay. The last question, Steve,
24 relates to the use of controlled drugs on the site. Now
25 you've been in the craft for a long period of time,

1 undoubtedly worked on some other big jobs, whether they are
2 nuclear or not, and we know we've got drugs on site but we
3 want to know what your opinion is of how bad the problem is.

4 MR. MOODY: (Inaudible). I --

5 INVESTIGATOR: Have you observed people smoking pot,
6 or snorting coke, or --

7 MR. MOODY: No.

8 INVESTIGATOR: Or heard discussions about it?

9 MR. MOODY: No.

10 INVESTIGATOR: Trafficking of it in the parking lot.

11 MR. MOODY: No.

12 INVESTIGATOR: The fellows you work with are not
13 using it on site?

14 MR. MOODY: No.

15 INVESTIGATOR: Gene, do you have any --

16 INVESTIGATOR: No, I just want to go over who
17 constitutes the crew that we've got here. We've got Solomon.

18 MR. MOODY: Yes.

19 INVESTIGATOR: We've got Seger?

20 MR. MOODY: Well, Seger isn't on now --

21 INVESTIGATOR: Excuse me.

22 Hall? Lefebvre?

23 MR. MOODY: Lefebvre.

24 INVESTIGATOR: (Inaudible). You previously had a
25 Gunderson -- who haven't I mentioned that's currently on site?

1 MR. MOODY: Danny Mast.

2 INVESTIGATOR: M-a-s-t?

3 MR. MOODY: M-a-s-t, yes.

4 INVESTIGATOR: Who else?

5 MR. MOODY: Johnny Schuh, but he's here.

6 INVESTIGATOR: Yes, right; he'll be back.

7 Is that it, then?

8 Steve, is there any subject that, in your work line
9 on this plant, that you observe or know of, or you feel that
10 the NRC should look into, the concerns that you might have
11 that you feel aren't being adequately addressed? We're
12 talking about safety-related systems.

13 MR. MOODY: (Inaudible).

14 INVESTIGATOR: Are you comfortable with the work
15 that's being performed?

16 MR. MOODY: Let's see, I'd have to think a minute.
17 Well, I think that would be best answered by going
18 to QC. Because I have such a small part that it's very hard
19 for me to say anything specific.

20 INVESTIGATOR: But the work you have been involved
21 in; are you satisfied?

22 MR. MOODY: Yes.

23 INVESTIGATOR: Do you have any apprehensions as
24 far as (inaudible)?

25 MR. MOODY: Well, I can't say no, because you know

1 everybody --

2 INVESTIGATOR: The normal concerns, I realize that.

3 MR. MOODY: Yes. No. Not beyond the normal
4 concerns.

5 INVESTIGATOR: Yes. Oh, no, we're all the same
6 here. We expect that. But in reference to your specific
7 discipline, is all of what you are seeing as far as electrical
8 goes, it is going to operate to the best of its ability --
9 they've installed correctly -- you have no reason to --

10 MR. MOODY: Yes.

11 INVESTIGATOR: -- jump up and down a year from now
12 and say Oh, no, (inaudible) all screwed up as far as electrical
13 goes (inaudible).

14 MR. MOODY: You have four backup systems.

15 INVESTIGATOR: Okay, Steve. We appreciate very
16 much your time and your frankness with us. And we'll terminate
17 this interview at this time. The time is now about 11:38 a.m.

18 Correction, 11:28 a.m.

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