

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the matter of:

Interview of Michael B. Goldberg

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Interview of Michael B. Goldberg

June 28, 1982
Palo Verde Nuclear Station

Investigators: E. J. Power
Owen Shackleton

P R O C E E D I N G S

VOICE: This is an interview of Mr. Michael B. Goldberg. The last name is spelled G (as in George)-o-l-d-b (as in baker)-e-r-g.

Mr. Goldberg is a senior construction engineer employed by the Bechtel Power Corporation at the Palo Verde Nuclear Generating Station.

Present to conduct this interview from the U. S. Nuclear Regulatory Commission is Mr. E. J. Power and I am Owen C. Shackleton. We are both investigators assigned to Region V with the U.S. Nuclear Regulatory Commission.

Mr. Goldberg, do we have your permission to tape record this interview?

MR. GOLDBERG: Yes, sir.

INTERVIEWER: Thank you.

Why don't you go ahead?

INTERVIEWER: Would you give a short dissertation on what your duties entail here and how they interrelate to the crafts?

MR. GOLDBERG: Yes, sir, its cable cooling and I get cable cool cards and (tape stops abruptly).

INTERVIEWER: (Tape fades in.) -- any intentional damage?

MR. GOLDBERG: I'll tell you the truth, ah, these guys can be pretty good, even people who aren't electricians

1 have told me like there was a case, there was an NCR docu-
2 menting also, a welder was installing the missile shield and
3 he's climbing down the weld and he accidentally cut through
4 the cable but shoot, he could have just said the heck with
5 it but he didn't. He crawled up and you know somebody to me
6 and told me. I went up there (inaudible) the NRC (inaudible).
7 You always got the electrician -- this is my second year job.

8 The workmanship here is it's probably
9 my experience in the field though has been very good. If
10 there is any kind of damage, whether accidentally they always
11 call for -- somehow, some way it gets back to me and I can
12 go out there and check it out.

13 INTERVIEWER: Do you inspect all the cable pulling
14 if there is any damage?

15 MR. GOLDBERG: As a general rule -- (tape fades
16 out.)

17 -- yes, or somebody you know -- had another case
18 where a cable was damaged and I had -- I was QC at the time
19 so I asked (inaudible).

20 INTERVIEWER: You go out and look at it and make
21 a determination? It generally falls within your purview?

22 MR. GOLDBERG: Yes.

23 INTERVIEWER: How does QC relate to --

24 MR. GOLDBERG: It's a Class Q problem, cable,
25 they'll call me up and tell me that, well, this cable that

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1 we're pulling now we pulled it off the reel and it has a
2 hole in the cable or -- why don't you come down here and
3 check it out. So I went out there to check it out and see,
4 shoot, well, if it's this one you want and the rest of the
5 reel -- it's all the way through, then it's the manufacturer's
6 defect and we'll write the NCR, see, of a manufacturer's de-
7 fect or if (inaudible). . . . cable is almost complete. You
8 red tape the cable and you know, write an NRC describing what
9 has happened and everything and we get his disposition on it,
10 on whether or not to pull it out and scrap it. (Inaudible).
11 Either one of two fellows, Bill Salem or Gale Borgia but
12 most of the time they ask me for the disposition, you know
13 ask me whether the -- I don't know if they have any reason,
14 I swear.

15 I worked for a guy who, well, he doesn't work here
16 any longer but he's going for a Ph.D and just couldn't waste
17 it. It's just -- it's not difficult but it's not exactly
18 easy either, you know, to remember all the numbers and things.

19 INTERVIEWER: Ph.D?

20 MR. GOLDBERG: Yeah, not enough practical applica-
21 tion, which made me feel good to know it, you know, good, I'm
22 doing a pretty good job and this guy, he's doing a good job
23 also and everything.

24 INTERVIEWER: Was he an electrical engineer?

25 MR. GOLDBERG: Yes, W. Eaton.

1 INTERVIEWER: Where did he go?

2 MR. GOLDBERG: He's in Stockton or somewhere else,
3 I don't know, I don't remember.

4 INTERVIEWER: On this site?

5 MR. GOLDBERG: Well, no, not on this site but I am
6 sure by now --

7 INTERVIEWER: Did he leave quite some time ago or --

8 MR. GOLDBERG: Yeah

9 I have had experience with this before, you know,
10 worked in the office. I was doing the . . . CCO. I also
11 worked for a . . . and they have computerized cable and
12 conduit routing system and once you start getting used to it,
13 these companies -- I had experience doing the regular office --
14 same exact thing, instead of its being on paper it's you know
15 watching it on the board.

16 INTERVIEWER: Primary interest is quality-related,
17 so if we get off on a tangent (inaudible) -- we have an
18 interest, a personal interest but from a government agency,
19 we're only basically oriented to quality control. That is
20 what we mainly are allowed to regulate.

21 MR. GOLDBERG: I'll tell you, did you see even
22 though you know they are primary for Class 2 cables, but
23 you see guys down in Unit 1, they tell me the (inaudible)
24 stuff is wrong too. They watch. I tell you, the guys down
25 here are really good. I'm really happy, you know

1 INTERVIEWER: Your overall feeling, then, for
2 quality control is it's good?

3 MR. GOLDBERG: I think they see that I break my
4 neck trying to -- you know, I try to stay on top of almost
5 everything. I know I'm only one person, like tomorrow he's
6 still going to build this stuff down there, but like I really
7 try very hard to do whatever is -- I want this to be good,
8 I really do and I don't want anybody to say anything bad
9 about anything, you know, I really try, so --

10 INTERVIEWER: Especially if you are going to live
11 here --

12 MR. GOLDBERG: I'd like to stay here for like --

13 INTERVIEWER: In quality class work when QC has
14 an indication on a problem area, do they red tag it, call you
15 and then wait for you to go out and make a determination?

16 MR. GOLDBERG: Just have the problem, you know
17 when I don't have the NRC I have the Saturday we are
18 pulling these things. We had the vendor's cable, 51 conductor,
19 made by Beta and initially they ran on the 120 elevation where
20 they were supposed to have run, somebody came around and did
21 some measurement. I don't remember who it is, and said the
22 cables will be too short. They have to come through the top.
23 So (inaudible) the routing from the bottom and the raceway on
24 top, the cables come on top, so now -- I came along (inaudible)
25 as an experiment I wrote a full package number and everything

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1 and we could try it from the bottom because they should come
2 from the bottom because they would supply receptacles (in-
3 audible) sides, so it wasn't really right to come in through
4 the top because on one side there, you know these are 9 cables
5 (tape ends abruptly).

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MILLERS FALLS