

Don - please print and make
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necessary. per A. Boos.
3/12/82.

March 12, 1982 2:08 p.m.

Conference telephone call between Bechtel/Consumers and NRC.

Call initiated by Don Horn/Al Boos to Dr. Ross Landsman, NRC, Region 3.

In attendance:

BECHTEL/CPCo

NRC-Region III -Chicago

Al Boos
J. Fisher
R. Cook (NRC - Site)
D. Horn
J. Schaub
Jim Moore
Ben Marguglio
J. Simpson
Bob Sevo
Dave Ronk
Gary Rogers
Ray Oberleitner (Mergentime)
Ken Vanderjack

Ross Landsman
Mr. Boyd

Boos: Hello, Ross, this is Al Boos, with Don Horn.

Who is there with you?

Ross: Landsman and Boyd.

Boos: Who else?

~~Ross~~
Boyd: That is it.

Were you able to get through to the NRR or not?

Couldn't raise anybody - will handle without them.

Boos: (Brief introductory remark) With respect to remedial soils work, it was the staff's position that all items were Q unless applicant could demonstrate that certain activities should be non-Q data. When I came back to Michigan, we have a weekly coordination meeting and one of the first things we did this morning was to draw up a list of those items which either have been completed or in process or are proposed which we feel can, in fact, be treated as non-Q items. Since we are working under the

business as usual concept of you making audits, we felt it was prudent to review with you this list prior to making inspection so that we would have a very clear dialogue in terms of those items remaining Q, primarily because in some respects we elect to bid it may not be physically possible to replace that item - like removing ~~log wood~~ ^{wood lagging} or drift. Since we don't want to be cited, we are going to attempt to identify items we feel are non-Q. We feel it is essentially a complete list. May be a need from time to time to offer other items. We will try to do it before we undertake the work. I will ask Don to take us through this.

Boos: Access shafts below 609 - drifts, the piers and instrumentation. (Ron Cook has a copy of it. If necessary for interpretation, he can help me).

1. Access shafts below 609 - Soldier Piles.

It may help you if you have a clean sheet of paper to put down four column headings. I will try and summarize. With respect to soldier piles, we have procured those piles and have installed them as non-Q as you are aware. With respect to access shafts below 609. In this case, in general, other than just access shafts at 609, we feel that the purchase of tools and equipment like torque wrenches, jacks, gauges and threading machines should be non-Q. Our rationale is that there is either provision for calibration or an end inspection of the fabrication, like the reinforcing steel that is threaded by the threading machine. Again, tools and equipment is intended to be a generic comment.

Question: Is this construction equipment?

Answer: Yes, tools and equipment.

Cook: (This is being transcribed for purposes of preparing a telephone summary. QA required it.)

3. Access shafts below 609. Purchase of steel and wood ~~legging~~ ^{lagging} and I believe we talked about that the other day in Bethesda.

J. Fisher: To differentiate - steel shape = whalers in wood ~~legging~~ ^{lagging}.

Ross: When we talked ~~an~~ the Washington, we were talking about the no certs.

Al: That is what makes it a Q purchase. We would not be buying this with mill certs because this steel doesn't stay in - it is temporary and non permanent. Standard manufactured item.

Ross: We are just talking about the mill cert?

Al: We are not talking about buying it Q.

Cook: The tons of concrete that you pour around here - did you have mill certs on the wood forms you used before? Why on this particular job? Isn't wood ~~legging~~ ^{lagging} steel shapes?

Al: That is right - We didn't think it needs to be bought Q.

Cook: You didn't talk about this before.

Al: This is a whole new thing.

Cook: NRC - what is the meaning of all this?

Al: We were directed that everything was to be Q unless the applicant could demonstrate that item could be classified as non-Q - we feel that it is imperative for us to check off with you even though you may say ~~they~~ ^{that} need not be purchased Q. We want to leave a trail that is crystal clear.

Cook: The point is that historically we never have approved anything. Our function is that you are obligated to assure the world that you have done all things appropriate and have invoked QA. We cannot either agree or disagree.

Al: I am not asking for you - I am making a statement of our policy in advance. We will know in an audit what our position is. If he is not in agreement with that position it is in our mutual interests for us to know now from a cost, schedule, quality and personnel safety standpoint.

Cook: Go ahead and revert back to the fact that you poured tons of concrete.

Fisher: We are doing this because of what you told us the other day.

Al: Last item under access shafts below 609 is purchase of rock bolts.

Ross: Which rock bolts?

Al: Rock bolts Turbine Building and buttress access shaft.

Al: Again, purchase ^{Non-Q} installation would be handled as Q. In all of these cases, I have talked about you will note I have talked about only procurement of material with exception of soldier piles. Tools and equipment, etc. Installation would be Q.

Ross: Continue.

Al: New subject - drifts. We are planning to procure the material for the steel sheets which are basically the box-shaped frames that accept ^{lagging} ~~lagging~~ in the drift as non-Q. Fabrication of those steel sheets would be Q and installation.

Al: The next item - the procurement of the wood ^{logging}~~legging~~ and wood wedges for the drifts would also be non-Q. Procurement. Procurement of the back packing material for the drifts would be non-Q. And as a 4th item, the procurement of the rock and earth anchors would be non-Q. Those are the sets of items under the classification of drifts. Under piers - - -

Don has asked me to again reiterate that fabrication and installation of the drifts classification items would be Q. Under classification of piers, Ross, you may be aware that there is Ethifoam to be put behind metal ^{logging}~~leggings~~ as back packing. May be gluing Ethifoam to steel. We will propose to procure that glue as a non-Q commodity. Verification that is in place would be a Q-listed activity. That is the only entry I have under piers.

Last item is instrumentation. We are talking about the settlement monitoring instrumentation, pier monitoring instrumentation, etc.

Our position here is that the raceway, the wire and the brackets that would accept the instrumentation would be procured and installed as non-Q. The checkout of the system and the ^{taking}~~making~~ of the reading would be Q.

Ross: What would you say about the instrumentation in that area?

Al: Instrumentation has been purchased Q.

The instrumentation system is in a data room - it has been procured and installed with environmental controls as non-Q.

Al: The last item which is essentially a repeat of that above under access shafts ^ggauges, backup gauges, ^fhave been procured as non-Q but would be calibrated under a Q program. These are existing dial gauges. Our instrumentation is essentially well under way. Wiring has been pulled - raceway has been installed, etc. Those are the only comments I have.

Ross: Okay. Let us talk here a minute and we will get back with you in just a second.

B. Marguglio: Didn't those dotted lines mean all non Q?

Al: Yes, across the board.

BM: Did that come across in the conversation?

Al: I will reiterate it. It becomes Q at the checkout of the system.

Cook: I am here.

Ross: Feel free to make your own comment.

Boyd: We would like to digest this list and get back with your designated person on Monday. We'd like to sit down and look it over and get back with you, but not to say that we approve or disapprove. If we have any problems or - does not constitute approval - it means we don't have any problems with what is here.

Al: We recognize that you are not going to sign anything as co-approvers.

Boyd: But we can look over and make judgments whether we have any problems and identify anything that does give us problems. Who should we get back with on Monday?

Al: Don Horn.

Boyd: Okay.

Boyd: Ron, do you have any problems with that?

Cook: I think that can be quite livable. We might appear not to have any problems but later on we get into construction and problem is created. I don't want to have relinquished our right to enforcement in that area.

Ross: That is exactly why we don't go into approval process. My judgment is there will be very ~~few~~^{few} that will happen that way but we want the door open.

Ross: Okay.

Al: Very good. The rest of us in the room will wait to hear from you and your results on Monday.

BM: I have a question. Will it be both of you gentlemen calling Don Horn Monday?

Boyd: Ron Cook and Ross and myself will get together and talk - one of us will make the call. We will get back with you on Monday with our findings.

Al: To clarify one point, to make sure I didn't mislead the people in Chicago - with respect to the raceway material - the wire, the fabrication of brackets that, ~~except~~^{except} instrumentation, and termination of wire that we are talking about that, with respect to procurement through installation.

Boyd: Could you give Ron Cook a copy of that so he can fax it to us?

Cook: I will try to fax it to you right away.

Boyd: I think that is important.

Al: Thank you very much.