

1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION
3 BEFORE THE ATOMIC SAFETY & LICENSING BOARD

3 IN THE MATTER OF:)
4)
4 TEXAS UTILITIES ELECTRIC)
COMPANY, ET AL)
5)
(COMANCHE PEAK STEAM)
6 ELECTRIC STATION, UNITS)
1 AND 2))

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OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

8 PREFILED TESTIMONY OF
9 RONALD D. McBEE
10 AUGUST 16, 1984

11
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13
14 PREFILED TESTIMONY OF RONALD D. McBEE, taken on
15 the 16th day of August, 1984, in the above-styled
16 and numbered cause, at Glen Rose Motor Inn located
17 at Highway 67 & FM Road 201, in the City of Glen
18 Rose, County of Somervell and State of Texas, before
19 Janet E. Schaffer, a Certified Shorthand Reporter in
20 and for the State of Texas.

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PDR ADOCK 05000445
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APPEARANCES:

BISHOP, LIBERMAN, COOK, PURCELL & REYNOLDS
Attorneys at Law
1200 Seventeenth Street, N.W.
Washington, D.C. 20036

BY: McNeill Watkins II, Esq.

APPEARING FOR APPLICANTS

I N D E X

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WITNESS: RONALD D. McBEE

Examination by Mr. Watkins

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DEPOSITION EXHIBITS

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1 RONALD D. MCBEE,
2 the witness hereinbefore named, being first duly
3 cautioned and sworn to testify the truth, the whole
4 truth and nothing but the truth, testified on his
5 oath as follows:

6 MR. WATKINS: This is the prefiled
7 direct testimony of Ronald McBee. Mr. McBee is a
8 Brown & Root employee at Comanche Peak. He is
9 appearing as a witness in this proceeding
10 voluntarily and is not under subpoena.

11 My name is McNeill Watkins, counsel for
12 Applicants in this licensing proceeding.

13 EXAMINATION

14 BY MR. WATKINS:

15 Q. Would you state your full name, please.

16 A. Ronald D. McBee.

17 Q. By whom are you employed?

18 A. Brown & Root.

19 Q. Where are you employed?

20 A. Comanche Peak.

21 Q. What is your job title?

22 A. Piping foreman.

23 Q. How long have you been a piping foreman at
24 Comanche Peak?

25 A. Almost five years.

1 Q. Would you briefly describe your duties as a
2 piping foreman?

3 A. Supervise the installation and welding of
4 the piping systems.

5 Q. How many people do you supervise?

6 A. 13.

7 Q. Do they consist of crews?

8 A. Yes, sir.

9 Q. How many crews do you supervise?

10 A. I have six.

11 Q. Do you remember working on January the 14th,
12 1984?

13 A. Yes, sir.

14 Q. Why do you remember?

15 A. The most hours I put in in one day at that
16 plant in nine years.

17 Q. What were you doing on that day?

18 A. Supervising the installation of six-inch
19 auxiliary feed valves.

20 Q. Was Jackie Ables one of your welders in
21 January 1984?

22 A. Yes.

23 Q. Was Richard Simpson one of your pipefitters
24 in January 1984?

25 A. Yes.

1 Q. Would you describe their work on that day?

2 A. We had to install a six-inch auxiliary feed
3 valve into a six-inch system.

4 Q. How many welds were involved in that valve
5 installation?

6 A. Three.

7 Q. Was Saturday a normal workday for Mr. Ables
8 and Mr. Simpson?

9 A. No, sir.

10 Q. Did you, at some time on Saturday, request
11 another welder?

12 A. Yes, sir. He was there on another job and
13 finished his job and we pulled him over to auxiliary
14 feed.

15 Q. What was that welder's name?

16 A. Danny Wright.

17 Q. During this period, January of 1984, were
18 QC inspectors normally working on Saturdays?

19 A. No, sir.

20 Q. Did you request that a QC inspector report
21 to work in connection with the work that your crew
22 was doing on Saturday?

23 A. Yes, sir.

24 Q. Who did you make the request to?

25 A. Al Justice.

1 Q. Would you describe the work that your crew
2 did on Saturday morning in connection with this
3 valve operation?

4 A. We prepared the pipe for QC inspection of
5 cleanliness, fit-up and preheat.

6 Q. Earlier you mentioned that there were three
7 welds involved. On what welds was your crew
8 performing the cleanliness, fit-up and preheat?

9 A. Field Weld 39C and Field Weld 40C.

10 Q. What was the other weld associated with
11 this valve?

12 A. Weld 34A.

13 Q. Mr. McBee, what was the status of Weld 34A
14 on Saturday morning when your crew was working on
15 cleanliness and fit-up of the other two welds?

16 A. It had been welded 35 percent.

17 Q. Do you recall when it was welded 35 percent?

18 A. The day before, Friday.

19 Q. Did QC perform an inspection of the
20 cleanliness, fit-up and preheat operations on
21 Saturday morning for Field Welds 39C and 40C?

22 A. Yes, sir.

23 Q. Who was the QC inspector performing those
24 inspections?

25 A. Jack Stanford.

1 Q. When did your crew commence welding on
2 Saturday, January 14th?

3 A. As I recall, it was after lunch.

4 Q. When did your crew complete the welding?

5 A. After midnight.

6 Q. Did Mr. Stanford stay until the welding was
7 completed?

8 A. No, sir.

9 Q. When did he leave?

10 A. 3:30 in the afternoon.

11 Q. How do you remember that he left at 3:30?

12 A. Al Justice and myself had discussed whether
13 we were going to get finished and need the
14 inspections done by QC that day, and we decided that
15 we would not finish the welds for some time. Al
16 decided to let Mr. Stanford go at 3:30, which was
17 the normal shift change.

18 Q. Who is Mr. Justice?

19 A. He is my general foreman.

20 Q. When did you leave work that day?

21 A. After midnight.

22 Q. Did anyone leave with you?

23 A. The fitter, Richard Simpson, and the extra
24 welder, Danny Wright.

25 Q. Was anyone still working on this operation

1 when you left?

2 A. Yes, sir. Jackie Ables was working, and Al
3 Justice was supervising.

4 Q. What was Mr. Ables doing?

5 A. The welding had been completed and Mr.
6 Ables was prepping the pipe for inspection.

7 Q. Could you describe prepping, please?

8 A. Yes. You get a power grinder with a
9 sanding disk on it, and y-u grind the rough part of
10 the weld down.

11 Q. You mentioned that they were preparing the
12 welds for inspection. Was there a QC inspector
13 there to perform the inspection?

14 A. No, sir.

15 Q. Mr. McBee, is there any way that your crew
16 of craftsmen could have presented any of the three
17 welds involved in this operation for a final visual
18 test or penetrant test to QC inspection on Saturday,
19 January 14th?

20 A. No, sir.

21 Q. Why is that?

22 A. The welds were not finished and prepped
23 until after midnight, and there was no QC inspectors
24 on the job.

25 Q. Was there any reason why you would want one

1 of the welds inspected for visual or penetrant test
2 on the 14th, and not the others?

3 A. No, sir.

4 Q. Why is that?

5 A. They all need to be done at the same time.
6 The system was needed to turn the water on. As far
7 as our work was concerned, we needed to complete all
8 three welds and have them inspected.

9 Q. Did you request that any type of testing be
10 done on January the 14th?

11 A. On the 14th? RT.

12 Q. What is RT?

13 A. Radiographic testing.

14 Q. How did you request that RT's be performed?

15 A. I had filled out a standard RT request the
16 morning of the 14th, and I kept it with me all day.

17 Q. Did you fill out a request for each weld?

18 A. Yes, sir.

19 Q. Mr. McBee, I show you a document that's
20 been marked for identification as McBee Exhibit 1.
21 Could you identify that form, please?

22 A. It's an RT for Field Weld 39C on
23 AF-1-SB-007.

24 Q. Did you prepare that request?

25 A. Yes, sir.

1 Q. What is the date on that form?

2 A. The date is 1/14/84.

3 Q. I'll show you a document that's been marked
4 McBee Exhibit 2 and ask if you will identify that,
5 please.

6 A. That is and RT request for AF-1-SB-007,
7 Weld 34A.

8 Q. Did you prepare that request?

9 A. Yes, sir.

10 Q. What is the date on it?

11 A. 1/14/84.

12 Q. Mr. McBee, I'll show you a document that's
13 been marked as McBee Exhibit 3 and ask you to
14 identify that, please.

15 A. That's an RT request for Field Weld 40C for
16 AF-1-SB-007.

17 Q. Did you prepare that request?

18 A. Yes, sir.

19 Q. When is it dated?

20 A. 1/14/84.

21 Q. Mr. McBee, on the copies of these RT
22 request forms that we have, there appear to be
23 stamps, "accepted" and "accepted," on Exhibits 1 and
24 2, and on Exhibit 3 "rejected." Were those stamps on
25 there when you prepared the request?

1 A. No, sir.

2 Q. Did you personally submit these forms to
3 radiography requesting that the RT be performed?

4 A. No, sir. I turned them over to Al Justice.

5 Q. When did you turn them over to Mr. Justice?

6 A. Before I left Saturday night -- or Sunday
7 morning.

8 Q. After you left the site on Sunday morning,
9 when did you next report for work?

10 A. Monday morning, 6:30.

11 Q. What was the status of Field Welds 39C and
12 40C and Weld 34A on Monday morning?

13 A. I went to Bob Reed's office first thing
14 Monday morning. That's where I found out the
15 results from the RT's, and I saw that Field Weld 39C
16 was accepted, Weld 34A was accepted and Field Weld
17 40C was rejected.

18 Q. How did you learn that?

19 A. The sheets had been stamped by the QC which
20 reviews the film.

21 Q. Are you referring to the acceptance stamps
22 on Exhibits 1 and 2?

23 A. Yes, the acceptance stamps at the bottom
24 righthand-side corner of the sheets.

25 Q. What action did you take with respect to

1 Field Weld 39C and Weld 34A?

2 A. I put my crew back onto them and told them
3 to get QA/QC to come down and inspect a final VT and
4 PT.

5 Q. With respect to Field Weld 40C, which
6 you've testified had a rejected RT, what action did
7 you take?

8 A. I waited 'till seven o'clock when welding
9 engineering was open. I went to Zeke, who prepares
10 RPS's.

11 Q. Who is "Zeke"?

12 A. James Zwahr.

13 Q. What is an RPS?

14 A. A Repair Process Sheet.

15 Q. Did you request Mr. Zwahr to prepare an
16 RPS?

17 A. Yes, I did.

18 Q. Did you receive the RPS from welding
19 engineering?

20 A. Yes, in mid-morning.

21 Q. Did your crew work on the repair that day?

22 A. Yes, sir.

23 Q. Do you recall when they completed their
24 repair?

25 A. That same day.

1 Q. Did you request another RT on Field Weld
2 40C?

3 A. Yes, sir.

4 Q. When did you do that?

5 A. The same day. I prepared a request form
6 that morning.

7 Q. When did you submit the form to the
8 radiographers?

9 A. When we finished the repair. It just so
10 happened that the group that shoots the welds were
11 in the same area doing another weld, and we just
12 handed it to them in the area and they proceed to do
13 setup on it.

14 Q. Mr. McBee, I show you a document marked as
15 McBee Exhibit 4 and ask if you can identify it?

16 A. Yes. This is the RT request that I
17 prepared for Field Weld 40C on Monday, January 16.

18 Q. Did you or your crew call for any other QC
19 inspections on Field Weld 40C, other than the RT, on
20 Monday, January the 16th?

21 A. No, sir.

22 Q. Does a piping foreman, such as yourself,
23 fill out any document that reports the progress on
24 work done by your crews?

25 A. I fill out progress reports.

1 Q. Can you describe a progress report?

2 A. It's a report which shows the size, the
3 system and the type of work done on that system.

4 Q. How often do you fill out those reports?

5 A. Each day.

6 Q. Mr. McBee, I'll show you a document that's
7 been marked as McBee Exhibit 5 and ask you if that
8 is a progress report that you have just described.

9 A. Yes, sir.

10 Q. Did you prepare this report?

11 A. Yes, sir.

12 Q. Does your signature appear on it?

13 A. Yes, sir.

14 Q. What is the date of that report?

15 A. January 16th, '84.

16 Q. And is that when you filled this report out?

17 A. Yes, sir.

18 Q. Did you, in that report, record your crew's
19 progress with respect to any of the welds that were
20 involved in the valve operation that you have
21 discussed in your testimony?

22 A. Yes, sir.

23 Q. Which welds does it report?

24 A. Field Weld 39C and Weld 34A, 100 percent.

25 Q. In the column on the far righthand side of

1 this Pipe Department field progress report, there
2 appears in the line that's next to these two welds,
3 the legend NDE followed by a number. To what does
4 that NDE number refer?

5 A. To a non-destructive examination report
6 chit.

7 Q. Can you describe that chit, please?

8 A. It has the print number, the field weld
9 number and the QC signature, and what type of work
10 was performed.

11 Q. Who submits the chits to you, as a foreman?

12 A. The craftsmen.

13 Q. What is the purpose of the chit?

14 A. So my crews can report their progress to
15 me.

16 Q. Mr. McBee, I'll show you a document that's
17 been marked as McBee Exhibit 6 and ask you to
18 identify it.

19 A. This is an NDE chit.

20 Q. To what weld does that chit refer?

21 A. Field Weld 39C.

22 Q. What is the date of the chit?

23 A. 1/16/84.

24 Q. Does the chit number correspond to one of
25 the numbers on your progress report?

1 A. Yes, sir. To Field Weld 39C.

2 Q. I'll show you a document that's been marked
3 as McBee Exhibit 7 and ask you if you can identify
4 that, please.

5 A. Yes, sir. That's an NDE chit for Weld 34A.

6 Q. What is the date on that chit?

7 A. 1/16/84.

8 Q. And does the NDE chit number correspond to
9 the daily progress report entry for Field Weld 34A?

10 A. Yes, sir.

11 Q. Are these chits the partial basis on which
12 you fill out the entries in your daily progress
13 reports?

14 A. Yes, sir.

15 Q. Your progress report for January the 16th
16 does not list any progress for Field Weld 40C; is
17 that correct?

18 A. True, yes, sir.

19 Q. When did you learn the results of the
20 second RT that you earlier testified you had ordered
21 for Field Weld 40C?

22 A. Tuesday morning.

23 Q. How did you learn?

24 A. I went to Bob Reed's office at 6:30, and
25 the RT request was there with an accept stamp on the

1 righthand-side corner.

2 Q. On the basis of that acceptance, did you
3 issue any instructions to your crew regarding Field
4 Weld 40C?

5 A. I told them to go out and request PT and VT
6 inspections on the weld as soon as possible.

7 Q. Mr. McBee, I'll show you a document that's
8 been marked as McBee Exhibit 8 and ask you to
9 identify that, please.

10 A. It's a daily progress for January 17, '84.

11 Q. Did you sign that document?

12 A. Yes, sir.

13 Q. Did you prepare that document?

14 A. Yes, sir.

15 Q. Does that document report your progress on
16 Field Weld 40C?

17 A. Yes, sir. 100 percent complete on 40C.

18 Q. And does it list an NDE chit number for
19 Field Weld 40C?

20 A. Yes, sir.

21 Q. Mr. McBee, I'll show you a document that's
22 been marked as McBee Exhibit 9 and ask you if that
23 is the chit for Field Weld 40C that corresponds to
24 the entry in your daily progress report?

25 A. Yes, sir, it is.

1 Q. Was that chit the basis for your entry in
2 your progress report of January the 17th?

3 A. Yes, sir.

4 Q. Why did you and your crew work for so long
5 on Saturday on this valve operation?

6 A. As I recall, Brown & Root wanted to turn
7 the system over to TUGCO, the owner.

8 Q. When was the system turned over to the
9 owner?

10 A. On January 18, 1984.

11 Q. When a system is turned over, is the
12 turnover documented?

13 A. Yes, sir. We have a startup work
14 authorization, SWA.

15 Q. Who prepares the SWA?

16 A. The startup test engineers for TUGCO.

17 Q. Do you in any way participate in the
18 preparation of that document?

19 A. I have to sign completion of the work being
20 performed on the system.

21 Q. Did you prepare or sign an SWA with respect
22 to the system of which Field Welds 39C and 40C and
23 Weld 34A welds were a part?

24 A. Yes, sir.

25 Q. When did you do so?

1 A. January 18th, '84.

2 Q. Mr. McBee, after January 18, did you have
3 any further conversations regarding these welds?

4 A. Yes, sir.

5 Q. With whom did you have a conversation?

6 A. Jack Stanford.

7 Q. Would you describe the substance of the
8 conversation?

9 A. Some time later he come to me and was
10 asking me if I could help him jog his memory on
11 inspections and what took place.

12 Q. What was the basis for his concern?

13 A. He said that he had -- somebody had said he
14 had illegally changed the date on a card on
15 inspections. The review group up on the hill was
16 hitting him up about it. And we -- my fitter just
17 happened to be present at the time with me, and we
18 talked to him -- we all conversed between ourselves
19 about the dates, Saturday through Monday, on it and
20 helped jog his memory. All of us jogged our memory
21 on it.

22 And before he left the conversation, he was
23 remembering partially what had happened, took place.
24 He looked at the back of the card and saw the other
25 dates and just accidentally wrote down the same

1 dates he was looking at, wrote down the other dates
2 which was on the card, which was cleanliness and
3 fit-up, which was March the 14th. And he just
4 accidentally wrote down those dates because he was
5 looking at them.

6 Q. Who was the fitter that was present during
7 this conversation?

8 A. Richard Simpson.

9 Q. Does that conclude your testimony?

10 A. Yes, it does.

11 Q. Thank you, Mr. McBee.

12 A. You're welcome.

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I, RONALD D. MCBEE, have read the foregoing deposition, and hereby affix my signature that same is true and correct, except as noted herein.

RONALD D. MCBEE

SUBSCRIBED and sworn to before me this the _____ day of _____, 1984.

NOTARY PUBLIC for the State of Texas

My Commission Expires: _____

1 STATE OF TEXAS)

2

3 I, Janet E. Schaffer, RPR, Certified Shorthand
 4 Reporter in and for the State of Texas, do hereby
 5 certify that there came before me on the 16th day of
 6 August, A. D., 1984, at the Glen Rose Motor Inn,
 7 Glen Rose, Texas, the following named person, to-wit:
 8 Ronald D. McBee, who was by me duly sworn to testify
 9 the truth and nothing but the truth of his knowledge
 10 touching and concerning the matters in controversy
 11 in this cause; and that he was thereupon examined
 12 upon his oath and his examination reduced to writing
 13 under my supervision; same to be sworn and
 14 subscribed to by said witness before any notary
 15 public.

16

17 I further certify that I am neither attorney or
 18 counsel for, nor related to or employed by, any of
 19 the parties to the action in which this deposition
 20 is taken, and further that I am not a relative or
 21 employee of any attorney or counsel employed by the
 22 parties hereto, or financially interested in the
 23 action.

24

25 In witness whereof, I have hereunto set my hand

1 and affixed my seal this _____ day of August , A.D.,
2 1984.

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JANET E. SCHAFFER, 1543, RPR, CSR
IN AND FOR THE STATE OF TEXAS
1226 Commerce, Suite 411
Dallas, Texas 75202
(214) 742-3035

My commission expires December 31, 1985

AF/cc

No. 62068

FILM TO: Quality Assurance

Final

Date Joint Welded 1-14-84

Weiding Engineering

Information Only

REQUEST FOR RT

REQUESTED BY McBee DATE 1-14-84 FLAGGED BY Ron DATE 1-14-84

PRIORITY #1 HOT

DRAWING AF-1-SB ISO 007 LINE 036-2002-3 WELD FW-39C (R) -

PREVIOUS RT LOG NUMBER IF A REPAIR -

PIP DIAMETER 6" (IN.)

JOINT DESIGN:

WALL THICKNESS .561 (IN.)

OPEN BUTT

MATERIAL TYPE C/S

INSERT

PIPING SYSTEM CLASS III

BACKING RING

WELD PROCEDURE 11010

WELDER'S SYMBOL(S) ROOT-RHS

WELD OUT - R/FK, RHS

STAGE OF MANUFACTURING

1. INFORMATION ONLY

(A) REPAIR

ROOT

INTERMEDIATE

COMPLETED

AREA(S) 100%

(B) ROOT

2. RT BEFORE STRESS

3. ROOT

4. REPAIR

AREA(S) _____

5. FINAL

LOCATION Room 72 790 SB #1

ACCEPTED

DEPOSITION EXHIBIT
McBee

LOG NUMBER: ACCEPTED 30965 BY [Signature] DATE 1-15-84

REJECTED _____

AF/cc

No. 62069

FILM TO: Quality Assurance

Final

Date Joint Welded 1-14-84

Welding Engineering

Information Only

REQUEST FOR RT

REQUESTED BY McBee DATE 1-14-84 FLAGGED BY Ron DATE 1-14-84

PRIORITY #1 HOT

DRAWING AF-1-SB ISO 007 LINE 036-2002-3 WELD 34A (R) ---

PREVIOUS RT LOG NUMBER IF A REPAIR ---

PIP DIAMETER 6" (IN.)

JOINT DESIGN:

WALL THICKNESS .576 (IN.)

OPEN BUTT

MATERIAL TYPE C/S

INSERT

PIPING SYSTEM CLASS III

BACKING RING

WELD PROCEDURE 11010

WELDER'S SYMBOL(S) ROOT-AHS

WELDOUT - AFK; AHS

STAGE OF MANUFACTURING

1. INFORMATION ONLY

(A) REPAIR

ROOT

INTERMEDIATE

COMPLETED

AREA(S) 100%

(B) ROOT

2. RT BEFORE STRESS

3. ROOT

4. REPAIR

AREA(S) _____

5. FINAL

ACCEPTED

DEPOSITION EXHIBIT
McBee

LOCATION Room 72 S.B. #1 790 ELEV.

LOG NUMBER: ACCEPTED 30966 BY R. [Signature] DATE 1-15-84

REJECTED _____

AF/CC

No. 62071

FILM TO: Quality Assurance

Final

Date Joint Welded 1-14-84

Welding Engineering

Information Only

REQUEST FOR RT

REQUESTED BY McBee DATE 1-14-84 FLAGGED BY Ron DATE 1-14-84

PRIORITY # 1 HOT

DRAWING AF-1-SB ISO 007 LINE 036-2002-3 WELD FW. 40C (R) -

PREVIOUS RT LOG NUMBER IF A REPAIR -

PIP DIAMETER 6" (IN.)

JOINT DESIGN:

WALL THICKNESS .473 (IN.)

OPEN BUTT

MATERIAL TYPE C/S

INSERT

PIPING SYSTEM CLASS III

BACKING RING

WELD PROCEDURE 11010

WELDER'S SYMBOL(S) ROOT-AHS
WELD OUT - AFK, AHS

STAGE OF MANUFACTURING

1. INFORMATION ONLY

FOR INFORMATION ONLY

(A) REPAIR

ROOT

INTERMEDIATE

COMPLETED

AREA(S) 100%

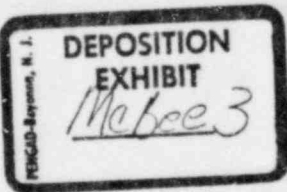
(B) ROOT

2. RT BEFORE STRESS

3. ROOT

4. REPAIR

5. FINAL



REJECTED

LOCATION Room 72 S.B.#1 790 ELEV.

LOG NUMBER: ACCEPTED _____ BY R. McBee DATE 1-15-84

REJECTED 30964

Reshot
4-6 after repair 4-6 - Same As 6-8
6-8 - Porosity with Tails R = .521

AF/CC

No. 66668

FILM TO: Quality Assurance

Final

Date Joint Welded 1-16-84

Welding Engineering

Information Only

REQUEST FOR RT

REQUESTED BY M=BU DATE 1-16-84 FLAGGED BY Ron DATE 1-15-84

PRIORITY #1 HOT

DRAWING AF-1-SB ISO 007 LINE 036-2002-3 WELD F.W. 40C (R) 1

PREVIOUS RT LOG NUMBER IF A REPAIR 30964

PIP DIAMETER 6 (IN.)

JOINT DESIGN:

WALL THICKNESS 4.73 (IN.)

OPEN BUTT

MATERIAL TYPE C/S

INSERT

PIPING SYSTEM CLASS III

BACKING RING

WELD PROCEDURE 11010

WELDER'S SYMBOL(S) AHS

STAGE OF MANUFACTURING

DEPOSITION EXHIBIT Mc Bee 4

1. INFORMATION ONLY

- (A) REPAIR
- ROOT
- INTERMEDIATE
- COMPLETED

AREA(S) 4-6, 6-8

(B) ROOT

2. RT BEFORE STRESS

3. ROOT

4. REPAIR

AREA(S)

5. FINAL

LOCATION Room 72 S.B.#1 790 ELEV.

ACCEPTED

LOG NUMBER: ACCEPTED 30972 BY [Signature] DATE 1-16-84

REJECTED

PIPE DEPARTMENT
FIELD PROGRESS

BLDG All UNIT All AREA All
Report Date 1-16-84

Foreman Ronald Mc Bee

	Total	Absent
Filters	6	0
Welders	5	0
Helpers	2	0

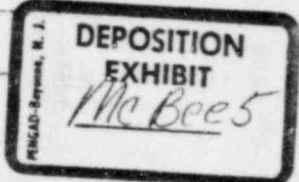
REMARKS
(CMC-NDÉ ETC.)

COST CODE

COST CODE	Size Drawing Number Line Number	Matl. Sched.	SPOOL			Valve	CCI	WELDING				CL		
			NUMBER	Jobbed	Erected			LENGTH	WELD No.	% Comp.	ROOT sym/process		WELD OUT sym/process	
	6" AF-1-SB-007 036-2002-3	4/4 5/100					X	FW 39C	100%	PH5	11010	PH5	11010	NDÉ # 175530
	6" AF-1-SB-007 036-2002-3	4/4 5/120					X	W 34R	100%	PH5	11010	PH5	11010	NDÉ # 175529
	3/4" CS-1-RB-049	5/5 5/40	2 spools	1/4	20'		-	WELDS	100%	PH5	88025	PH5	88025	NDÉ 116458
	ITEM # 327N T.O. # 5701 SI-1-RB-42 NCR # 12.472 Complete													
	ITEM # 409N T.O. # 5501 RC-1-RB-012 NCR # 12.473 Complete													

PRODUCTION CONTROL DEPT.

UNIT I by system UNIT 2 PIPE by bldg. UNIT WELDS UNIT Report date
 group I
 group II
 group III
 Week ending



BROWN & ROOT

No. 175530

NON-DESTRUCTIVE TEST INSPECTION REQUEST		FOREMAN <u>Me Bee</u>	Time	Date
				<u>1-16-84</u>
WELDER: <u>ABLES</u>	STAMP <u>AAS</u>	LOC. <u>SL#1</u>	ELV <u>750.275</u>	
PIPE DIA. <u>6"</u>	DWG. NO/LINE NO. <u>AF-1-SB-C7</u>	JT. NO. <u>FW-39C</u>		
<u>036-2003-3</u>				
INSP. REQ.	<u>CLEAN</u> <u>VISUAL</u>	<u>FIT-UP</u> <u>L.P.</u>	<u>ROOT</u> <u>R.T.</u>	<u>INTER</u> <u>M.P.</u>
			<u>STRESS REL.</u> <u>U.T.</u>	<u>FINAL</u> <u>HYDRO TEST</u>

COMMENTS:

Q

11010

INSPECTOR: R. Duncan ACCEPT: Scit DATE: 1-16-84



BROWN & ROOT

NON-DESTRUCTIVE TEST
INSPECTION REQUEST

No. 175529

FOREMAN M. Bee

Time _____ Date 1-16-84

WELDER: ALLES

STAMP AHS LOC. SB#1

PIPE DIA. 6"

DWG. NO./LINE NO. AF-1-SB-07

ELV. 790.272

JT. NO. W-34A

030-2008-3

INSP. REQ.	<input checked="" type="checkbox"/> CLEAN	<input checked="" type="checkbox"/> FIT UP	<input type="checkbox"/> ROOT	<input type="checkbox"/> INTER	<input type="checkbox"/> STRESS REL.	<input checked="" type="checkbox"/> FINAL
	<input checked="" type="checkbox"/> VISUAL	<input checked="" type="checkbox"/> L.P.	<input type="checkbox"/> R.T.	<input type="checkbox"/> M.P.	<input type="checkbox"/> U.T.	<input type="checkbox"/> HYDRO TEST

COMMENTS:

Q

11010

INSPECTOR: Pat Duncan

ACCEPT: Scot

DATE: 1-16-84

DEPOSITION
EXHIBIT
M. Bee

PENCILD-Regent, N.J.

PIPE DEPARTMENT

BLDG all UNIT all AREA all

FIELD PROGRESS

Report Date 1-17-84

Foreman Don McBeal

COST CODE

Dwg Drawing Number
Line Number

Matt Sched

SPOOL NUMBER
Jobbed
LENGTH
Volve

REMARKS
(CMC - NOE Etc.)

Filters	Total	Absent
Welders	6	0
Helpers	5	0
	2	0

WELDING
WELD %
No. Comp/sym/process / sym/process

Line Drawing Number Line Number	Dwg Drawing Number Line Number	Matt Sched	SPOOL NUMBER Jobbed LENGTH Volve	CCI	WELD % No. Comp/sym/process / sym/process	ROOT / WELD OUT	REMARKS (CMC - NOE Etc.)
CS-1-RB-60	Made p. #1 prim closed				SWA # 16339 Complete		
WP-X-FB-24	Made all welds closed				SWA # 16351 Complete		
1" WP-X-FB-24	8/5/40 spool 1/2 V 3'			X	21A 100% 8GT 88025	8GT 88025	NOE # 176987
1" WP-X-FB-24	8/5/40			X	22A 100% 8GT 88025	8GT 88025	
1" WP-X-FB-24	8/5/40			X	25A 100% 8GT 88025	8GT 88025	
1" WP-X-FB-24	8/5/40			X	29A 100% 8GT 88025	8GT 88025	
ITEM 107N TO # 5700	SI-1-RB-SI SP. 102 NCR				Completed		
ITEM 325N TO # 5701	SI-1-RB-2A				Completed		
1/2" RF-1-SB-007	8/5/40 SWA # 15630 Completion 40C				100% 8GT 11010	8GT 11010	NOE 175766
CF-1-RB-16	ITEM 415N TO 4802 NCR 12403				Completed		

PRODUCTION CONTROL DEPT.

PIPE by bldg.

UNIT I by system UNIT 2

group I

group II

group III

UNIT

UNIT

WELDS

UNIT

Report date

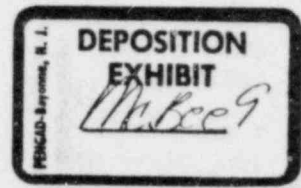
Week ending

DEPOSITION EXHIBIT
Mr. Beal

NON-DESTRUCTIVE TEST INSPECTION REQUEST		FOREMAN <u>Mc Bee</u>		Time	Date	
WELDER: <u>APCS</u>		STAMP <u>APCS</u>	LOC. <u>S6#1</u>		<u>1-17-84</u>	
PIPE DIA. <u>6"</u>		DWG. NO/LINE NO. <u>AF-1-SB-07</u>	JT. NO. <u>FW-402</u>	ELV. <u>790</u>		
<u>36-2005-3</u>						
INSP. REQ.	<input checked="" type="checkbox"/> CLEAN <input checked="" type="checkbox"/> VISUAL	<input checked="" type="checkbox"/> FIT-UP <input checked="" type="checkbox"/> L.P.	<input type="checkbox"/> ROOT <input type="checkbox"/> R.T.	<input type="checkbox"/> INTER <input type="checkbox"/> M.P.	<input type="checkbox"/> STRESS REL. <input type="checkbox"/> U.T.	<input checked="" type="checkbox"/> FINAL <input type="checkbox"/> HYDRO TEST

COMMENTS: Q

INSPECTOR: RH Duncan ACCEPT: Sut DATE: 1-17-84



J.S.M.E.

ORIGINAL

Startup Work Authorization

System Title: AUX FEEDWATER

Unit No.: 1 Startup System No.: 3702 SBA# 7141

Authorization No.: 15633

Work Description (Include identification of components affected):

REPLACE VALVE IAF-067 WITH THE
UNIT TWO VALVE PER PET #1317
AND BRP-AF-1-SB-007 REV 14.

REF 6" AF-1-36-2002-3

* prior to lifting valve into final position
contact STE for cleanliness inspection
Karl Hennick 787 in lieu of clean sheet

Reference Drawings: MI-0206

Work Location (Bldg., elevation, room, area, etc.): SB EL 790

Reason for Work: (i.e., DCA, CMC, NCR, etc.) DAMAGED VALVE

Estimated time required to complete work: 7 DAYS

Work Requested By: KIM KIRWIN #576 12-12-83
Name/Phone Extension/Date

Safety Tags Required: YES NO If Yes, CP-SAP-5 Authorization No.: NA
STA-605 Clearance No: 3427

Work Authorized By: [Signature] 12-12-83 Placed on Hold by: _____
Jan 12-19-83 STE/Date STE/Date

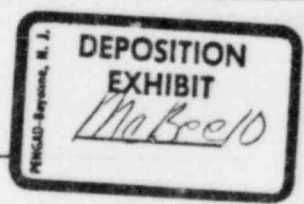
All Construction Work Completed: [Signature] 1-18-84 RETURN THIS FORM TO TUGCO STARTUP
Construction Department/Date

Work Verified Complete: _____
Startup Engineer/Date

Retesting Required: _____

Retest Complete: _____
Startup Engineer/Date

Required Retests and Retest Data Approved By: _____ Date: _____



ORIGINAL

**COMANCHE PEAK STEAM ELECTRIC STATION
CLEARANCE REPORT**

Number 3427 Date work to begin 9/23/73 Time 11:00
 Requested by Neil Hamble Department/Section Sta. 2.1
 Equipment Description M.A.F.U. Pumps 1 & 2
 Reason for Clearance SUA work

Attached by L. J. H. C. 1st Shift (Neil Hamble)
 Verified by Neil Hamble Operator
 Released by _____ Individual Who Requested Clearance
 Removed by _____ Operator
 Verified by _____ Licensed Operator
 Clearance Authorized by J. M. Shift Supervisor
 Release Authorized by _____ Shift Supervisor

MAR No. _____
 RWP No. 112
 WBP No. N/A

Date _____ Time _____
 Date _____ Time _____

Comments _____

TAG NO.	TAG LOCATION	COMPONENT CONDITION					TAG REMOVED BY (Initials)
		Valve		Breaker		Other	
		Open	Closed	Open	Racked Out		
1.	145 2450A AEMP # 1					ITC	
2.	145 2451A AEMP # 2					ITC	
3.	1EA1 MAEMP # 1 6.9 BRK				X	ITC	
4.	1EA2 MAEMP # 2 6.9 BRK				X	ITC	
5.	1AE 006 CST 1 AEMP		X				
6.	1AE 007 CST 1 AEMP		X				
7.							
8.							
9.							
10.	SWA # 12186 13695						
11.	12269 13699						
12.	13538 13696						
13.	13694 13955						
14.	13697						
15.	13658						
16.	13701						
	13760						