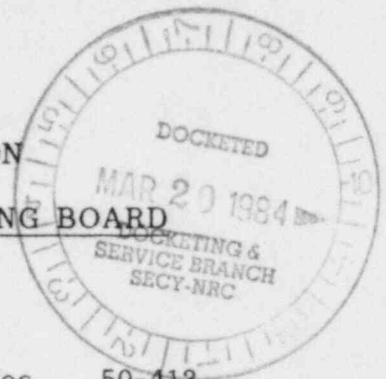


A-34  
11/12/83

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD



In the Matter of )  
DUKE POWER COMPANY, et al. )  
(Catawba Nuclear Station, )  
Units 1 and 2) )

Docket Nos. 50-413  
50-414

TESTIMONY OF GARY E. ROSS

1 Q. STATE YOUR NAME AND YOUR WORK ADDRESS.

2 A. Gary E. Ross

3 Catawba Nuclear Station

4 P.O. Box 223

5 Clover, SC 29710

6 Q. WHAT IS YOUR PRESENT JOB WITH DUKE POWER COMPANY?

7 A. I am a Supervising Technician over Welding Inspection and am  
8 currently responsible for Reactor Building I.

9 Q. SUMMARIZE YOUR EXPERIENCE AND QUALIFICATIONS, INCLUDING  
10 OTHER NON-DUKE JOBS, EDUCATION, CERTIFICATIONS, AND  
11 COMPANY SPONSORED COURSES AND TRAINING.

12 A. After finishing high school, I served a four year apprenticeship in  
13 Welding Technology at Newport News Shipbuilding. After this, I  
14 attended Clemson University for one year. I worked for Golden  
15 Tye Corp., Daniel Construction, and Duke Power Company as a  
16 pipe welder. I have worked in the Nuclear Industry for 11 years.  
17 I have been a Quality Control Supervisor for 9½ years. I have  
18 been certified in magnetic partical testing (MT), liquid penetrate  
19 testing (PT), visual testing (VT), and have had training in  
20 radiographic testing (RT) and ultrasonic testing (UT). I have  
21 attended numerous management seminars sponsored by Duke Power

8405240368 831110  
PDR ADOCK 05000413  
G PDR

1           for management.

2   Q.   WHAT OTHER JOB POSITIONS HAVE YOU HELD WITH DUKE POWER

3           COMPANY?

4   A.   I started as a welder for Duke in 1971, then transferred into

5           welding inspection as an inspector in 1973.

6   Q.   ARE YOU FAMILIAR WITH WHAT IS COMMONLY REFERRED TO AS

7           THE WELDING INSPECTOR CONCERNS WHICH WERE EXPRESSED IN

8           LATE 1981/EARLY 1982?

9   A.   Yes.

10  Q.   WHAT IS YOUR UNDERSTANDING OF WHAT THESE CONCERNS

11           WERE?

12  A.   These concerns were instances where the inspector would find a

13           breach of the procedure and could not get support by QA

14           management to enforce the procedure. Also, one concern was being

15           verbally forced into signing off items which did not meet procedural

16           requirements. There was some concern about QA being swayed by

17           construction, and QA not standing up when inspectors were

18           harassed.

19  Q.   DID YOU EXPRESS ANY CONCERNS TO ANY OF THE TASK

20           FORCES OR TO DUKE POWER MANAGEMENT?

21  A.   Yes.

22  Q.   TO WHOM DID YOU EXPRESS YOUR CONCERNS?

23  A.   I talked to Charles Baldwin, Larry Davison, Warren Owen, Jim

24           Wells, Task Force I, the Technical Task Force, the Non-Technical

25           Task Force, Gail Addis, Lew Zwissler, Bob Morgan, and Art Allum,

26           and others representing Duke Power Company.

27  Q.   WERE YOUR CONCERNS WRITTEN?

28  A.   Yes.

1 Q. DESCRIBE EACH DOCUMENT WHICH CONTAINS YOUR EXPRESSION  
2 OF CONCERNS, AND INDICATE WHO IT WAS SUBMITTED TO.

3 A. The concerns I submitted to the Technical and Non-Technical Task  
4 Forces are contained in an eighteen page handwritten statement  
5 which is attached to my Testimony as Attachment A. This included  
6 all of the concerns I had at that time. Since then, I have had  
7 additional concerns which are discussed in documents noted in a  
8 later question. These documents are attached to this testimony as  
9 Attachment B.

10 Q. DID YOU FEEL FREE TO EXPRESS ALL OF YOUR CONCERNS?

11 A. No, I did not feel free to express all my concerns because of  
12 possible retaliation and discrimination against me. The atmosphere  
13 at times was very negative and very demoralizing. Everyone  
14 seemed to be taking concerns very lightly. Attitudes toward me  
15 had suddenly changed.

16 Q. DID YOU EXPRESS ALL OF YOUR CONCERNS?

17 A. Yes, In spite of circumstances I did submit all my concerns. In  
18 addition, despite this feeling of possible retaliation to the best of  
19 my knowledge all other inspectors also expressed all of their  
20 concerns.

21 Q. HAVE YOU DISCUSSED YOUR CONCERNS WITH ANYONE ELSE?

22 A. Yes. I talked to Mr. Kim Van Doorn of the NRC during their  
23 investigation.

24 Q. DOES THE DOCUMENT ATTACHED TO YOUR TESTIMONY AS  
25 ATTACHMENT A REFLECT ALL OF YOUR CONCERNS?

26 A. No. The statement submitted to the Task Forces contained all of  
27 the concerns I had at that time. I have additional concerns which  
28 are set forth in documents attached to my Testimony as Attachment

1 B. These are (1) my 1983 evaluation recourse submitted to Joe  
2 Willis and L. R. Davison, (2) a June, 1982 letter to Art Allum  
3 requesting information on discrimination and retaliation recourse  
4 procedures, and (3) copies of calendar pages containing recent  
5 concerns which were provided to Duke during discovery. These  
6 documents (Attachments A and B), taken together, reflect all my  
7 concerns.

8 Q. PLEASE SUMMARIZE AND EXPLAIN WHAT YOU WERE TRYING TO  
9 COMMUNICATE BY YOUR CONCERNS.

10 A. I was trying to let Duke know that we were not following our QA  
11 Program. I was wanting to get support for myself and the  
12 inspectors, so we could properly enforce the program. I was  
13 trying to tell Duke that we were not getting support due to our  
14 management being overly lenient with construction. We were in fact  
15 being punished, by treatment and by attitude, for trying to enforce  
16 the QA Program. I want to be clear, with the one exception  
17 dealing with grinding on the inside diameter of a pipe (discussed in  
18 the Attachments and in later answers), my concerns did not  
19 adversely affect safe construction of the plant.

20 Q. WERE YOUR CONCERNS INVESTIGATED BY THE TASK FORCES?

21 A. Yes. However, the task force appeared to be focusing totally on  
22 determining whether concerns affected plant safety, instead of also  
23 focusing on the failure to follow the QA program. In addition,  
24 some concerns which were definite procedural violations were labeled  
25 as non-procedural violations by the Technical Task Force.

26 Q. DID YOU ATTEND ANY MEETINGS WITH TASK FORCE AND/OR QA  
27 MANAGEMENT MEMBERS WHERE THE TASK FORCE FINDINGS,  
28 CONCLUSIONS AND RECOMMENDATIONS WERE DISCUSSED?



1 A. Yes. The meetings were held to inform the inspectors of the  
2 findings, conclusions, and recommendations. Some recommendations  
3 were aimed at the inspectors, while in my opinion, they should have  
4 been aimed at construction. For example, instruction to inspectors  
5 on their role in the job. This should have been given to  
6 construction.

7 Q. WERE THERE ANY CHANGES MADE IN THE QA PROGRAM AFTER  
8 THE WELDING INSPECTOR CONCERNS AND THE TASK FORCE  
9 INVESTIGATION OF THESE CONCERNS?

10 A. Yes.

11 Q. DESCRIBE THE CHANGES OF WHICH YOU ARE AWARE IN THE QA  
12 PROGRAM.

13 A. A lot of concerns have been incorporated or clarified in the  
14 procedures. For example, non-conforming items are handled per  
15 procedure, process specifications are written more clearly on some  
16 issues, and process control information is now more fully specified.

17 Q. TO WHAT EXTENT HAVE THESE CHANGES ADDRESSED ISSUES  
18 RAISED BY THE WELDING INSPECTOR CONCERNS AND TO WHAT  
19 EXTENT HAVE THESE CHANGES ADDRESSED YOUR PARTICULAR  
20 CONCERNS?

21 A. In that I am not aware of all the other welding inspector's  
22 concerns, I can not say to what extent they have all been resolved  
23 by subsequent actions. However, all of the other inspector  
24 concerns of which I am aware and all my concerns except one  
25 (discussed below) have been adequately resolved by actions  
26 including procedural changes, more ridged enforcement of  
27 procedures, personnel changes, and introduction of a technical and  
28 non-technical recourse procedure. The one concern that has not

1        been resolved to my satisfaction involves retaliation and  
2        discrimination against me personally, about which I filed a  
3        non-technical recourse.

4    Q.    THE        WELDING        INSPECTOR        CONCERNS        HAVE        BEEN  
5        CHARACTERIZED AS CONCERNS ABOUT THE QUALITY AND  
6        SAFETY OF CONSTRUCTION AT CATAWBA. DO YOU AGREE OR  
7        DISAGREE WITH THAT CHARACTERIZATION?

8    A.    I mostly disagree with that characterization since most of the  
9        concerns were dealing with procedures not being followed and  
10       inspectors not being supported. However, there was one concern  
11       which could have affected the quality and safety of the plant. This  
12       concerned involved a root pass condition on the inside diameter of a  
13       pipe which was ground with no ultrasonic testing performed to  
14       determine the remaining wall thickness. To the best of my  
15       knowledge, all of the concerns which I think could affect the  
16       quality and safety of the plant were submitted by inspectors,  
17       investigated and corrected.

18   Q.    DID THE EXPRESSION OF YOUR CONCERNS INDICATE YOUR  
19        BELIEF THAT THERE WAS A BREAKDOWN IN THE QA PROGRAM  
20        OR INDICATE THAT THE QA PROGRAM WAS NO LONGER  
21        WORKING?

22   A.    With the exception of the one instance concerning grinding on the  
23        inside diameter of a pipe (as noted above), my concerns do not  
24        indicate a belief that there has been a breakdown of the QA  
25        program as it relates to safety. However, I do believe that in a  
26        procedural sense there was some breakdown in the program. The  
27        QA program is based on the procedures being followed, and any  
28        deviations from procedures should be handled in accordance with

1 provisions established by the program. This did not happen. The  
2 program was verbally deviated from and the inspection personnel,  
3 including myself, were subjected to schedule pressure and  
4 intimidation by QA Management to the point that I felt reluctant to  
5 express myself fully.

6 Q. DID YOUR CONCERNS REFLECT A BELIEF ON YOUR PART THAT  
7 THE CATAWBA PROJECT IS NOT BEING CONSTRUCTED SAFELY?

8 A. For the most part, no. However, there was one issue previously  
9 discussed regarding grinding on the inside diameter of a pipe which  
10 could have affected safe construction. To the best of my  
11 knowledge this issue was investigated and corrected.

12 Q. IN YOUR VIEW, HAS THE QA PROGRAM BEEN EFFECTIVE WHILE  
13 YOU HAVE WORKED AT CATAWBA?

14 A. To a large degree yes, but not as effective as it should have been  
15 due to lack of support for myself and other QA inspection  
16 personnel. The program would have been more effective had our  
17 management been less inclined to give in to construction pressure  
18 and more inclined to listen to the people who were working for them  
19 in the field. However, despite this lack of effectiveness in some  
20 parts of the program, I believe that the safety of the plant has not  
21 been compromised.

22 Q. ARE YOU AWARE OF ANY DEFICIENCIES IN CONSTRUCTION OR IN  
23 THE QA PROGRAM WHICH WOULD CAUSE YOU TO QUESTION  
24 WHETHER CATAWBA IS SAFELY BUILT?

25 A. No.

26 Q. IS THERE ANYTHING ELSE YOU WOULD LIKE TO ADD TO YOUR  
27 TESTIMONY?

1 A. I feel that Catawba will be safe to operate. I also feel that I,  
2 along with most inspection personnel who submitted concerns, have  
3 been adversely affected by this submitting of concerns in terms of  
4 treatment, promotion potential, or transfer potential. I know in my  
5 own case, I have been treated very badly on my evaluations and  
6 pay raises. I have received very negative treatment from Joe  
7 Willis, Art Allum, and I feel to a degree from L. R. Davison, in the  
8 sense of no help on my recourse. I feel I have been discriminated  
9 against in violation of 10CFR50 in that my conditions of employment  
10 and compensation for employment have been adversely affected by  
11 my expressing my concerns of no support from QA management and  
12 their not following procedure. I only submitted concerns because I  
13 felt we were living a lie, saying one thing in our manual but in  
14 reality doing something else. It should be noted that our QA  
15 procedures had standards well above industry codes and standards.  
16 When we deviated from our standards we never dropped below those  
17 industry standards. However, we failed to follow our own QA  
18 program, for example, when we did deviate. I submitted concerns  
19 for the benefit of Duke Power Company, and not for the benefit of  
20 Gary Ross. I submitted concerns knowing that management would  
21 probably be miffed at me and I would be blackballed. But being a  
22 God-fearing Christian, I had to submit concerns out of honesty.  
23 All of my concerns were no surprise to management because on each  
24 concern I had already presented it to my supervisor when it arose  
25 in order to prevent it from being a problem. But as usually was  
26 the case, my supervision listened to construction and not to me,  
27 therefore my only alternative was to document what happened for



1 future reference. I got tired of fighting for the program almost  
2 daily.

3 I have tried to get under new management by applying for  
4 transfer but have not been allowed to transfer. I have seen some  
5 positions filled that I would like to have had, but no luck. I feel  
6 that I am going to be kept on construction and not transferred to  
7 nuclear production until there is no place to go and then I will  
8 probably be laid off. I feel this is because of my being vocal on  
9 no support and this will be my punishment for being too concerned.

10 At the present time, things seems to be going pretty much as  
11 they should. I have more hope than I have had for sometime. I  
12 do hope that all the harassment, intimidation, and negative  
13 treatment I have been subjected to is over but, due to scars I have  
14 from being treated so shabbily and discriminatorily, it makes it  
15 hard to believe that I have seen the last of it. The sad part is all  
16 the pain, mental anguish, discrimination, retaliation, defamation of  
17 character that I have been subjected to comes because of my trying  
18 to help Duke live up to its word, the QA Program.

1

2

3

4

5 I hereby certify that I have read and understand this document, and  
6 believe it to be my true, accurate and complete testimony.

7

8

9

10

Gary E. Ross  
Gary E. Ross

11

12

13 Sworn to and subscribed before me  
14 this 23rd day of September, 1983.

15

16

17

18

Shirley L. Williams  
Notary Public

19

20 Commission Expires March 7, 1993

August 2, 1978 Rust no problem unless "very" bad L.R.D. & C.R.B. I asked for some workman-ship samples to show our people but got no response.

C.R.B. Threatened me with my job. I had questioned Larry on rust guidelines. <sup>(RB)</sup> said "if we don't do job like they want it done (without question) they will get somebody else."

August 3, 1978 No inspection on any M-21 attachment weld unless it is shown on drawing L.R.D. (the welds which raised question were welds made to Nuc. Safety related embedments. craft was having trouble getting these welds past inspectors.)

Jan. 23, 1979 **VX** system RB II crane wall fitter will cut system to facilitate installation, mark new welds on Iso., and make up weld ticketed O.K. per L.R.D.

Monday April 23, 1979 - G & H hanger To  
embedded Nuc. Safety  
related plate. No  
inspection per C.R.B.

May 23, 1979 Utility, Foreman with rods  
would not give rods to R.  
Childers. Told C.R.B. ~~no~~  
appreciable action.

Jan. 18, 1980 QIA 7514 problem with  
weld symbol. John Bryant had  
weld symbol problem on Q-1A  
but L.R. Davison made him  
remove it before he would  
approve Q-1A. NRC later  
cited Duke Power for ~~same~~  
problem (electrical drawings).  
Drawings were not according  
to standards,

Feb. 4, 1980 Mat. I.D. missing, configuration  
~~can~~ can be used to verify proper  
Mat. per C.R.B.

Feb. 20, 1980 Removing J-bevel from Valve  
O.K. with No F-9B<sup>F-10A</sup> per C.R.B.



Feb. 22, 1980 ① overlapping fillets both NF and Non-NF ok. per Martin Hemphill & C.R.B.

② Nut type not specified on drawing ok. per C.R.B. & Bob Heinick

Feb. 28, 1980 Stencil no. on spring can < .250 in thick ok. per Richard Miller Dave Gadd and C.R.B. M-51 work No reference to this in procedure.

Feb. 29, 1980 No flow direction on ISO. OK. per Jesse Wilson and C.R.B. and L.P.T. Violation C.F. 150, should be on each ISO. to compare and align Valve flow directions with.

March 6, 1980 Q-1A 7850 Resolution not correct. Notified D. Gadd, A. Thring, and C.R.B. C.R.B. says "take off tags off anyway it is causing a holdup". As I was discussing the problem with Gadd and Q.A., C.R.B. goes to field takes tags off and signs Q1A off. ~~In the mean~~ David Gadd changed the resolution to read remove the weld in question.

cont.

March 6, 1980

but when he heard that Charles had cleared the NCI he went back to original resolution. At the time only about 6 inches of root pass was affected but now the entire weld is made over this root. I went back to Charles to try to get support for repairing the weld and getting the error corrected on the statement of resolution but he would take no action.

March 12, 1980

Two specifications on iso bill of material. OK, per LRD, & CRB,

May 28, 1980

Asked for guidelines in hanger procedure dealing with hanger No. being marked on hanger CRB. No response.

May 29, 1980

Charles Baldwin told Bill Deaton and myself that fit-up of ASME joints could be signed without filler material in joint. M-4 r-5 step 8 "verify tack welding material" was no problem.

May 29, 1980 ② Asked Charles about interpass temp. on 36" pipe. welder was  $\frac{1}{4}$  way upside of pipe. 350° temp-stick "boiled" 18" ahead of welder. (on top of pipe. Did not have 500° temp. stick but inspector said he was sure it would have melted it. No action taken.

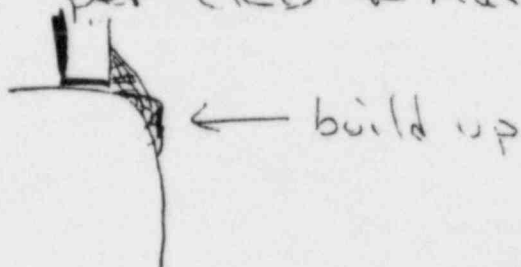
③ NDE of repair removal areas on containment plate mandatory per Q.A. (Rick Rouse). C.R.B. says to continue with no NDE until procedure is changed.

May 30, 1980 Hanger Package with two variation notices showing different ways of welding same weld. No problem per C.R.B.

June 3, 1980 Fillets on hangers to be in accordance with C.P. 385 not C.P. 22 in regard to size.  $\frac{1}{8}$  on design size not unlimited as specified in C.P. 22. (which C.R.B. and Martin Humphill said earlier to use. Also no overlapping fillets on hangers. (Contrary to what we were told earlier)

June 20, 1980

Tube steel radius may be built up so that fillet weld can be made on hangers per CRB & Martin Hemphill



June 25, 1980

part of joint fit with eb. ring  
part open butt No process control OK. CRB.

June 27, 1980

IRN 148-12, IRN 139-12 temp.  
weld still in position in field while  
permanent weld was made in fab  
shop. Temp. Cap usually removed  
prior to permanent weld being made  
(impossible to do otherwise) No  
problem with a note from Jesse  
Wilson or Henry Ellenborg per CRB,  
No process control necessary.

June 30, 1980

O.K. per L.R.D. to separate hanger  
welds, and add total length



(Not Normal)

"Usually continuous"



August 20, 1980 welding over slag acceptable  
Q-1A9264. Larry Dupset with  
John. Questioned John's  
ability on slag question. (in  
front of craft)

August 21, 1980 talked to Charles B. about  
some concern expressed by inspectors  
about lack of support for program.  
Too inclined to go along with craft  
and keep working rather than  
strictly follow program

August 22, 1980 C.P. 304 calls for L-211 for first  
 $\frac{1}{4}$ ". Process control calls for another  
data sheet <sup>correct</sup>. O.K. C.R.B. and L.R.D.

August 29, 1980 Q1A 9358 two spec numbers  
A-105 and SA105 on Bonney Fitting  
Nothing from QA materials. Void  
by L.R.D.

Sept. 3, 1980 Class B pipe, two ht. numbers O.K.  
Rob Atkins Q1A9085. Third ht. No.  
Sound. O.K. per L.R.D. (class E system)  
No control to prevent use in higher  
system. (Don't get too excited about L

Sept. 5, 1980

welder stencil on attachment  
(M-4J.) not required at final  
visual. (C.R.B. (I-1)

Sept. 8, 1980

Hanger Sketch NF boundary  
not properly shown. told C.R.B.  
No word as to final disposition

Sept. 16, 1980

Flange factory marked A-105.  
Craft marked S in front of  
factory marking. Warehouse  
marked SA 105. O.K. per C.R.B.

Sept. 17, 1980

O.K. To repair vendor weld using  
our procedures, no process control  
from tech. support per C.R.B.

Sept. 20, 1980

weld size on CW-A4207 very unclear  
to be interpreted as  $\frac{5}{16}$ " per C.R.B.

Sept. 23, 1980

Bracket on hanger  $\frac{1}{8}$ " too thin.  
suppose to be  $\frac{1}{4}$  but is not. O.K.  
C.R.B.

Nov. 4, 1980

SA or A prefix on Mat. is insignificant. CRT  
ISO. bill of mat. does not match R. piping log

Jan. 7, 1981

Jack marks on inside of pipe  
NCI per C.R.B. No M-4I

Jan. 8, 1981

Jack Marks on inside of pipe  
OK on M-4I No Q-1A

Jan 22, 1981

OK. to leave jack in pipe while  
joint is welded per C.R.B. put note  
on package informed G.E. Welding.

Feb. 10, 1981

Welder told John to get off  
scaffold after John rejected his  
work. Told C.R.B. this was interfering  
with the job. harassment and intimidation  
of inspector. No action taken.  
Welder later apologized to John,  
~~but~~

Feb. 18, 1981

C.R.B. instructed Richard Childers to  
sign off fillet welds on instrumentation  
brackets. Richard says he cannot 100%  
say there is sufficient amount of fillet  
weld.

March 26, 1981

A note to allow work on I.D. of  
pipe is no longer required per C.R.B.  
(practice changed after 3 yrs. doing  
other jobs)

March 31, 1981

Mod. S. Strut (Class B hanger  
NO NF, NO F9B, NO F-10A OK  
per CRB. Not usual practice.

April 23, 1981

① Grinding on valve body OK per  
CRB. weld No. 2RF3-3. Craft  
welded upon 45° bevel then  
ground 45° back with no process  
control.

② No welders stencil on misc.  
steel at final NO need to NCI  
per CRB. pipe chase unit I  
question as to who welded what.

April 27, 1981

Avoid QIA's as much as possible  
per CRB. also don't let originator  
get number before CRB. reviews  
it. ① (violation Q-1) ② several QIA's  
have been file-13 ed. since this  
time. (should have had explanation  
put on them and file d away per Q-1.)

May 13, 1981

① welding on flange of beam OK per  
C.P. 22A and CRB even though par.  
14 CP22 says design authorization required.

② 6" fitting with 432 WPB from factory and  
234 from warehouse OK. per CRB. Note  
ticket buys OK (att of Joe Shropshire)



June 2, 1981

Class E hanger NO M-51A  
OK. per C.R.B. (all hangers should have M-51)

June 3, 1981

Iso. two directional flow, valve  
unidirectional flow. (usually other  
way around) OK. per C.R.B.

June 5, 1981

Mat. ID not legible C.R.B.I. (channel  
splice) C.R.B. told craft they could  
stamp material with A-36.  
Violation C.P. 23 & H-5.

June 17, 1981

Steam gen. blowdown tank weld  
looked at by C.R.B. and OK'd.  
questionable geometry. (verbally OK'd)

June 19, 1981

Steam gen blowdown tank downhill  
welding. Not to be Non-conformed  
per C.R.B. let craft fix.

July 15, 1981

M-4 calls for root pass inspection. C.R.B.  
and Bob Morgan says don't be concerned  
with no. of layers of weld in joint  
just check it when craft calls for it.

R.A.M. gave craft permission to put up to  
3 layers before calling for root pass inspect.  
(root pass inspection impossible at this time)

July 15, 1981

M-4A doesn't have material grade  
in block as required by C.P. 42.  
~~OK~~ P-8  $\frac{304}{\text{grade}}$  O.K. per C.R.B. & Rob Atkins

July 16, 1981

IFWIC-13 T.O. Brown found that  
craft had welded joint while water  
was in pipe and had drilled hole  
in coupling allowing water to quench  
weld. Questioned by T.O. per L-200 r-14  
C.R.B. per C.R.B. T.O. Brown tried to  
Non-con form but Charles would not  
sign. violation process specification  
L-200 r-14.

July 23, 1981

Penetration weld was too wide  
 $1\frac{1}{8}$  -  $1\frac{1}{4}$ " (1" max allowed  $\frac{1}{8}$  electrode)  
OK craft to fix without Q-1A  
per C.R.B.

~~Aug~~  
Aug 7, 1981

Build up on rupture restraint  
OK. No inspection needed (Martin <sup>OK</sup> per  
Humphill) Not shown on drawing

Aug. 19, 1981

1 KC 618-11 3" C.S. sch. 40  
ID  $3\frac{1}{2}$ " long tack  
ID  $2\frac{1}{2}$ " long tacks  
Less than 75% of joint checked  
at fit-up told CFB. Need  
guidelines on "tack" length

Aug. 27, 1981

Talked to CFB. about C.P. 31C  
violation on brass contamination  
note on M-4I let work proceed.  
Should have had E-9B due to  
origin of contamination (machining  
operation)

Aug. 28, 1981

INV309-1 rect condition question by  
Scott Gantt. 10' up 3" line. film OK.  
Therefore weld acceptable. also accessibility  
factor

Sept. 4, 1981

Black film on I.D. of 3" SS. pipe. OK  
per CFB. per Joe Shropshire. Black when  
viewed at distance of 3' per M-24. clear  
when viewed close up. violation on M-24  
2NY 373-3

Oct. 23, 1981

Backing strip on hanger I-R-CF-1568 CF questioned by Ronald Kirkland. Nothing on mat. allocation as to type required. Not covered by procedure. O.K. per C.R.B.

Nov. 2 1981

Fish eye in root, notified by Ransom Sims, Charles told Ransom to take this joint off NCL

Dec. 2 1981

QIA 13,053 resolution is inaccurate. Notified C.R.B.

Dec. 21, 1981

O.K. per C.R.B. To sign everything on M-21A except Block 15. (welding material) Don't usually sign visual until all blocks are filled. (Welding craft failed to get 14-3Bs verified on a daily basis.)

Jan. 14, 1982

Talked to C.R.B. about saddle weld Lindsay found in field with no "L" dimension. I wanted to get "L" dimension on paperwork before turning paperwork in and also I raised

question about other paper work in field  
not having proper process control information  
Also informed C.R.B. about "thousands" of  
other welds with possible same problem (not  
enough reinforcement due to "L" dimension not  
being specified). ① First answer after he  
talked to Ron Martin; when paperwork  
was generated, the requirement for weld  
reinforcement was different. (we finished the  
weld today so today's criteria have to be  
followed.) ② Second answer "not today, we  
use CP 427 for this criteria (this CP  
is strictly for process control generation).  
wanted to know if we did not use this  
CP all the time. (we never to my  
knowledge use this process control  
procedure) Ron Martin did not want to  
recall paperwork to put "L" dimension on  
paper work. This is the only way to assure  
that proper ~~rectangular~~ sideweld is installed.  
I talked to welding technical support  
and they agreed to put "L" dimension on  
this paperwork and to recall other paperwork  
with same problem. Charles did not want to press issue  
I asked about this requirement, reinforcement  
(CP 1676 drawn 330) when I first came to catanba,  
but was told if it was not on process control



Bill Deaton was going up I-77 and had a construction worker pull a rifle from car and point it at him and indicated that he would shoot him. This came about as a result of attitude established on the job by this man's supervision. Worker quit. No action taken.

Lindsay Harris The same supervisor mentioned in above incident told Doug Beam, Lane Freeze, Larry Davidson, Charles Baldwin in front of Lindsay, that he had told Lindsay he was going to get his teeth knocked out. No action taken.

John Bryant - welder told him to get off scaffold. told Charles B. this was interfering with our inspections. No action taken. (welder later apologized for his conduct) Had problems with Ed McKenzie. No action taken.

John Rockholt - Shouldered by Cathcart. Interfered (R.B. No action taken)  
- Problems with Mike Brazzell cursing and unprofessional attitude. No action taken.

W. J. Jackson

- problems with Ed McKenzie  
No appreciable action taken.

There have been other incidents where procedure was not 100% followed, but they have not all been documented. There are several Q-1A's which should have been written, but weren't due to policy for numbering. There are Q-1A's which have erroneous resolutions on them. Our QAs have a habit of taking what Construction tells them for the gospel and in effect let them resolve their own MCI. They (our QA) should ask both sides for the facts in order to keep the program going 100%.

There are several recorded incidents where craft have tried to harass and intimidate our inspectors and there seemed to be no concern on part of our management.

The ~~ex~~ list of events should show that the program has not been followed to the letter on several occasions, it should also show lack of support for both program and inspectors.

Respectfully and  
Hurriedly submitted  
J. E. Ross  
1-17-82

Dev. Station \_\_\_\_\_

Unit \_\_\_\_\_

File No. \_\_\_\_\_

Subject E901-0012-QA-001

By \_\_\_\_\_

Date \_\_\_\_\_

Sheet No. \_\_\_\_\_ of \_\_\_\_\_ Problem No. \_\_\_\_\_

Checked By \_\_\_\_\_

Date \_\_\_\_\_

In accordance with Management Procedure E901-0012-QA-001 I would like to submit some concerns which could affect my job performance.

I feel that I have been discriminated against in my job performance and most recently in my yearly evaluation. I feel that Art Allum is prejudiced against me because I have on several occasions spoken up when I felt the program was not being followed. Art is inclined to go along with some questionable situations and when I question the legality of these situations, I get branded as not doing my job. I thought that was part of my job. I also have on numerous occasions told Art that I did not feel he was supporting me on issues where I should be supported. Art holds this against me. I have questioned some construction practices on several questionable cases, Art calls this not communicating with craft. I have found inspectors not properly doing their duties, Art blames me for entrapment. I get deliberately left out of some major decisions which could affect my ability to properly cover my area and provide inspection coverage. I ask questions and don't get answers.

I felt last year that I was retaliated against on my evaluation. I felt that I was being punished for standing up for what I felt was right. With God as my witness, I submitted nothing except what I morally felt was wrong. I felt that my evaluation was pay back because I was not a yes man. I asked Art about possible recourse, but got no answer from him. Numerous occasions arose during the year when I felt intimidated, opposed, and interfered with. Things had improved a great deal, communications were better, information was being given to explain decisions, I had just about regained confidence in the system when my evaluation came along and let me know in no certain terms that I had misjudged and everything



Dev./Station \_\_\_\_\_

Unit \_\_\_\_\_

File No. \_\_\_\_\_

Subject \_\_\_\_\_

By \_\_\_\_\_

Date \_\_\_\_\_

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

Problem No. \_\_\_\_\_

Checked By \_\_\_\_\_

Date \_\_\_\_\_

I would like to know why my expressing my concerns on procedures (R-2A's, Q-1A's), lack of support, and equal treatment are being used against me.

I would like to know why I was told that if I felt something was wrong, I should speak up, yet it is being held against me.

I would like to know if this is to continue in the future.

At the present time, I feel threatened, intimidated and I feel that my evaluations and compensation and my conditions surrounding my employment have been negatively affected by my speaking up about what I felt was wrong. This violates 10 CFR 50.

I need the freedom and peace of mind of knowing that I can speak up for what I feel is wrong without fear of discrimination, and I think that without this freedom the program cannot adequately be implemented and the provisions of 10 CFR 50 cannot be met.

I feel that submitting this recourse will probably be used against me, but I respectfully submit it hoping for answers and peace of mind.

H.E. Ross

4-18-83



April 21, 1983

G E Ross

Re: Catawba 1-2  
Employee Recourse

~~In accordance with~~ <sup>(Sp)</sup>  
~~As required by~~ our Department Management Procedure 8901-0012-QA-001  
this is in response to your letter dated April 18, 1983. As you recall  
we agreed to extend the time for response to Friday April 22, 1983.

After discussions with you and A E Allum which were held seperately I do not feel that you have been discriminated or retaliated against based on your performance review for this year or last year. The Performance Management Program requires a distribution of Performance Evaluations such that there will be some people rated below average, some average and some above average. This distribution may occur naturally or it may occur by a relative comparison of performance against a performance profile. There are seferal people at our location whose performance was evaluated and determined to be below average because expectations were not met. The accountability summary and appraisal form (AS&A) identifies these areas with a brief explanation of the rating. There are some areas in which other people were given the same rating you received for basically the same reason. Specific examples given are not necessary intended to be all inclusive but indicate areas where additional improvement is needed. Your appraisal form also indicates your performance has improved during this past review period.

Based on my discussions with you and Art I feel there are some misunderstandings that need to be identified and resolved concerning your evaluation. To this end I am directing Art Allum to go over the evaluation with you again. Some disagreement is expected as indicated by the note to the employee in the block containing your signature which says your signature does not necessarily indicate you agree with the evaluation.

Art held a review in January concerning your performance and there will be reviews at approximate three month intervals during this current review period. Hopefully this will eliminate any surprises at the end of the review period.

As stated in the QA Department employee recourse procedure, it is the policy of Duke Power Company that employees should be able to express their concerns without fear or retaliation. This procedure along with the department's quality recourse procedure provide avenues for employees to express their concerns to sucessively higher levels of management until they are resolved. This process itself would mean that any supervisor or management person would have nothing to gain by threatening, intimidating

or retaliating against an employee for expressing their concern. I can assure you that you should not feel threatened or intimidated because of expressing your concerns, and, that this recourse will not be used against you. You ~~do have an obligation~~, as all employees ~~do~~, to follow these procedures when you have concerns until you are satisfied or the concern has been ruled on by the highest level the procedure allows.

If you have not done so with any quality concerns, you must do so as soon as possible.

If you do not feel this response satisfactorily addresses your concern you should address them to the next management level, the Project QA Manager, L R Davison, in accordance with the recourse procedure.

J W Willis  
Inspection Superintendent

11 I hope that you, and each supervisor in the inspection group feels free to express opinions, concerns, and disagreements. I do feel that you, Art, and I need to agree that a ~~major~~ part of your job and that of other inspection supervisors is to answer questions raised by inspectors in regards to intent of criteria and procedures. ~~The criteria and procedures will be set by the company. This means~~ that you will need to use your training, experience, and judgement to decide how criteria and procedures apply in specific cases. This is not an easy task and I fully expect that you will bring <sup>some</sup> items to Art for assistance. As this process of interpretation by you and Art takes place, I feel that we need to be careful that we are carrying out the intent of the program ~~without creating conflict over issues that are not allowing~~ ~~that we are not allowing~~. This will require, in my judgement,

April 22, 1983

G E Ross

Re: Catawba 1-2  
Employee Recourse

In accordance with our Department Management Procedure 8901-0012-QA-001 This is in response to your letter dated April 18, 1983. As you recall we agreed to extend the time for response to Friday April 22, 1983.

After discussions with you and A E Allum which were held seperately I do not feel that you have been discriminated or retaliated against based on your performance review for this year or last year. The Performance Management Program requires a distribution of Performance Evaluations such that there will be some people rated below average, some average and some above average. This distribution may occur naturally or it may occur by a relative comparison of performance against a performance profile. There are several people at our location whose performance was evaluated and determined to be below average because expectations were not met. The accountability summary and appraisal form (AS&A) identifies these areas with a brief explanation of the rating. There are some areas in which other people were given the same rating you received for basically the same reason. Specific examples given are not necessary intended to be all inclusive but indicate areas where additional improvement is needed. Your appraisal form also indicates your performance has improved during this past review period.

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If you do not feel this response satisfactorily addresses your concern you should address them to the next management level, the Project QA Manager, L R Davison, in accordance with the recourse procedure.

*J W Willis*

J W Willis  
Inspection Superintendent



CONFIDENTIAL

April 27, 1983

MEMO TO FILE

Subject: Meeting with Beau Ross  
April 27, 1983

I met with Beau Ross and Art Allum as a follow-up to Beau's concerns regarding his evaluation for the period ending April 1, 1983. Beau has expressed concern in a written recourse to Joe Willis in regards to his evaluation rating which was two (2). In my discussion with Beau I outlined several items for him.

First, I discussed my idea of his responsibility as a supervisor. I explained that he must represent the company to his employees and at the same time he must hold his employees' interest in mind. We discussed the balance a supervisor must have on these two matters. We also discussed the fact that a large part of a supervisor's task will be answering employees questions and the fact that a supervisor must determine when he can answer the questions and when questions must be referred to higher supervision for response. I suggested that Beau had not been answering as many questions as he really had the training and judgement to answer.

The second area of discussion dealt with my philosophy in regards to the QA Program, workmanship, and following procedures. We discussed the fact that many questions and concerns raised by inspectors and others do not deal with the issue as to whether or not something will meet the requirements, but rather deal with degrees of judgement. I explained that one of his tasks as a supervisor is to use his judgement to answer employees questions in such a way that we will not exceed standards to a great degree. I used some diagrams to explain my point on this matter. There seemed to be a good appreciation of this issue in Beau's mind.

A third topic that I covered was the exempt salary program and a performance distribution required by that program. I also discussed with Beau and Art my expectations in regards to administration of the Performance Management Program. I told them that I expected that in course of their periodic reviews, notes would be written on their performance worksheets which would aid in their understanding of expectations on objectives. I also explained to both of them that I expected their communications in regards to performance to improve.



CONFIDENTIAL

Page 2

B Ross/GWG

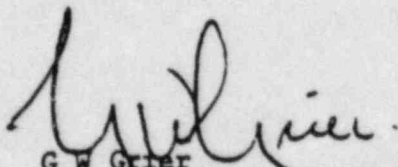
4/27/83

The last area I discussed was in regards to the hearings. I explained to Beau that one of our big task's would be to put the concerns expressed by welding inspectors into perspective. The intervenors will be characterizing those concerns in the worse possible light. We need to be clear on the significance of those concerns and in particular will have to be clear on the meaning of terms like "intimidation", "threats", "falsification" and "pressure to approve faulty workmanship". These are words that were used in the concerns and could be used to describe very extreme circumstances. Again, using the diagrams I believe that there was a mutual understanding that the majority of concerns expressed dealt in terms of different degrees of judgement and that the intent of the program was being carried out.

Beau expressed his dedication to trying to do a good job. He said that in the past he may have been taking the job too seriously, which I took to mean that he had been making big issues of things that were relatively minor in nature. He indicated that in the past, the big problem was in the nature of the way his concerns were handled and the attitudes of people both in Quality Assurance and in Construction. He indicated that there has been in improvement in both areas over the past year. Beau did express a desire to make a change and is particularly interested in going into Operations QA. My discussion with him indicates that a change is not vital at this time but would be desirable if the opportunity presents itself.

I recommend that we carefully follow the Performance Management Program with Beau but that we take no extraordinary steps in doing so. It is important that Art closely observes the performance of all of the welding inspection supervisors in his area in order to get a good comparison of performance.

In summary I believe that Beau is sincere when he says that he understands the areas that he needs to improve in and that he is dedicated to make that improvement. I expect that we will have to reinforce the ideas that I expressed to him today in regards to supervisory responsibilities and administration of the QA Program. We need to look carefully for the signs that indicate the need for that reinforcement.

  
G W Grier  
Corporate QA Manager

GWG/ph

cc: W H Owen, C N Alexander, L R Davison

May 4, 1983

Memo To file

Re: Catawba 1-2  
Rumor on the Job Concerning a Supervisor's Evaluation

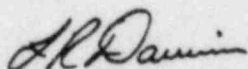
On the afternoon of Monday, May 2, 1983, it came to my attention that there was a rumor among some QA personnel at Catawba that G E (Beau) Ross had received an "unfair performance evaluation and was going into recourse over it." The rumor was reported to me by Joe Willis and confirmed by Joe Shropshire and Rob Atkins.

Since Beau's evaluation had just recently been completed and he had gone through one step of recourse on it; it appeared that the rumor must have been originated by someone who had access to these facts. Because personnel evaluations are confidential at Duke, I felt that an effort should be made to see how that confidentiality may have broken down in this case.

After discussing this situation with G W Grier and C N Alexander, I directed that everyone at Catawba who had known of this information be asked if they had told anyone. This included myself, Joe Willis, Art Allum, Beau Ross, Debbie Ensley and Bobby Cobb. I personally asked this question of Joe Willis and Debbie Ensley and asked that they ask those under them.

This was completed on Tuesday, May 3, 1983, and Joe Willis informed me that the only individual who answered that they had told others about it was Beau Ross.

As a result Beau was reminded by Joe Willis and Art Allum that all personnel performance evaluations were confidential and should not be discussed except with the individual's supervisor or management in the chain above the supervisor. I asked Art to document his meeting with Beau and the instructions given to Beau. I also asked Art to individually remind all supervisors reporting to him that evaluations should not be topics of discussion except between the individual and his supervisor.



L R Davison  
Catawba Project QA Manager

LRD/brc

cc: C N Alexander

May 11, 1983

Memo To File

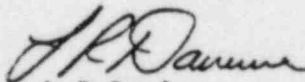
Re: Catawba 1-2  
G E Ross  
Employee Recourse

I had a discussion today with Beau Ross concerning his recourse over his evaluation in April. I asked Beau if the answer he received from Joe Willis had satisfied him; and, pointed out to him that the 10 day limit for pursuing his recourse further had expired.

He indicated to me that he "felt better" about his evaluation after the answer from Joe and subsequent discussions with Art Allum, Joe, and George Grier; but, he still felt the evaluation was retaliation against him for asking questions. He indicated that he still did not feel Art was supporting him as he should be. He said he had not planned to pursue his recourse any further because he felt it would do no good.

I told Beau that if he was not satisfied with the answer he had received and still felt his evaluation was incorrect, that he should pursue it further through recourse. I explained to him that was the purpose of the recourse procedure. I also told him that the 10 day limit would not be a problem in him pursuing it further, but that he did need to decide if he wanted to in a timely manner.

I asked him to consider what I had said and to let me know by Friday, May 13, 1983, if he wanted to pursue his recourse further, or if he thought he could be satisfied with the answer he received earlier. He agreed to do this and let me know.

  
L R Davison  
Project QA Manager

LRD/brc

cc: G W Grier  
C N Alexander

8901-0012-QA-001

May 12, 1983

To: L.R. Davison

In accordance with the recourse procedure, I would like to submit this concern which affects my job performance.

I feel that Art Allum is prejudiced against me, my crew, and other people who submitted inspector concerns, and who don't believe in going blindly along with everything that construction or other groups come up with. There is no doubt a difference in Art's treatment of me and my crew versus other crews. I feel I have gone the extra mile trying to do my job the way he wants it done, but I feel since my evaluation was rated so low and my compensation was adversely affected, I need some help in order to survive. I think the fact that 7 out of 9 years as a supervisor I have received competent or better ratings, then after inspector concerns are submitted, I get two consecutive bad ratings (worst ratings I have ever received) this should tell someone something. This tells me retaliation, payback, and discrimination. This fact coupled with the fact that I made an effort to be more liberal in my interpretations to avoid conflicts and



And the fact that nothing was said during so called <sup>unsi</sup> ~~unsi~~ <sup>perfo</sup> ~~perfo~~ trouble, tells me that irregardless of what I did, I was going to get a bad rating. I have not seen other foreman's evaluation, but I would venture to say that some people Art supervises that don't have anywhere close to the job knowledge, communication ability, and supervisory skills that I possess, will get higher ratings, better treatment, and more support than I get from Art. This is not fair.

I think Art and Joe both are very negative in any dealings involving myself and the concerned welding inspectors. I tell Joe and Art problems, they listen, but they don't hear. They give me no credit for my expertise or genuine concern for the program. They are more interested in not delaying schedule. (look on my 3PW) I express concerns to you because I thought we had open door policy, I get the third degree from Art and note added to my 3PW. (use chain of command)

I feel that I have been unduly pressured and illegally treated. I would, therefore, like to respectfully submit the above concerns and also re-submit my original recourse.

I feel that my only 100% solution would



be a transfer to operations group and a  
fresh start with management who hopefully  
aren't already prejudiced against me after  
only hearing one side of inspector concerns.  
I feel this is the case with Joe and Art.

looking for peace of  
mind and a fair shake  
D.E. Ross 5-12-83

May 26, 1983

G E Ross

Re: Catawba 1-2  
Employee Recourse, G E Ross to L R Davison dated May 12, 1983

I am writing this letter to you in response to your recourse to me regarding your recent performance appraisal.

In looking into your recourse I have talked with both you and Art Allum, I have reviewed the performance appraisal of other supervisors in positions similar to yours; and, I have spent a great deal of time reviewing your own appraisal.

I can understand how one would feel upon learning that his or her performance appraisal was rated lower than expected. I can understand how this could make you feel as if you had not been dealt with fairly. I have thoroughly investigated your appraisal and your concerns about being discriminated against. Whereas your feelings are important to me, out of fairness and equity each performance appraisal must be evaluated on its true merits. This has been my approach in my investigation into this matter.

In short, my decision is that your appraisal conducted this past April is proper. I think your feelings about this appraisal stem largely from two items.

The first item is the fact that our expectations of you in your position were not communicated to you clearly enough nor in enough detail. This lack of good communications I accept the responsibility for. I am taking steps to see that it does not occur again. But, even with this problem, clear improvement in your performance is noted on your appraisal. I see no reason why that should not continue and even get better with improved communication on our part.

I ask that you also recognize the importance of your communicating clearly with your supervisor. If directions or decisions are of concern to you be sure you have used all the proper channels to communicate and resolve them.

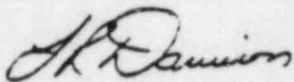
The second item which I concluded had contributed to your feelings of being discriminated against is your interpretation of certain actions, or inactions, by Art Allum. My investigation revealed that in these cases you were not aware of all that had taken place and; therefore, you viewed them as discriminatory against you, or in favor of someone else. Again I ask you

to be sure you have communicated your concerns when you feel this way so that misunderstandings do not develop.

I pledge to you my best efforts to communicate our expectations to you clearly; and, I have no doubt of your ability to meet those expectations.

I would be glad to discuss this response with you if you so desire. Please let me know if you do.

If you do not feel this response satisfactorily addresses your concerns you should address them to the next management level, the Corporate QA Manager, G W Grier, within 10 days in accordance with the recourse procedure.



L R Davison  
Project QA Manager

INVESTIGATION INTO RECOURSE SUBMITTED  
TO THE CATAWBA PROJECT QA MANAGER  
BY G E ROSS ON 5-13-83.

A. Outline of steps taken in investigation

1. Asked G E Ross for extension of time to reply under Duke Management Procedure 8901-0012-QA-001 from four days to 5-27-83. Concurrence from G E Ross obtained..
2. Went over with G E Ross in detail following items to be sure understanding of basis of recourse and basis of feelings expressed by G E Ross in the recourse
  - a. Recourse letter itself, dated 5-12-83
  - b. Evaluation AS&A of G E Ross dated 2-21-83
  - c. Preliminary evaluation of G E Ross by Art Allum with note added by Art Allum that it was discussed with G E Ross on 1-26-83.
  - \*d. PPPW worksheet for G E Ross approved by Art Allum and J W Willis covering 11-1-82 to 2-1-83.
  - \*e. Answer provided to G E Ross from Joe Willis concerning his recourse at that step, dated 4-22-83.
  - \*f. Memo to file from G W Grier concerning meeting with G E Ross on this subject dated 4-27-83.

\*not in detail

3. Reviewed personnel files of G E Ross, S W Ledford, B W Deaton, and Bob Harris. Reviewed performance evaluations for these individuals that were contained in these files.
4. Discussed results of step 2 with C N Alexander, QA Administrative Services Manager.
5. Went over with Art Allum, G E Ross' supervisor, those items shown in 2) above.
6. Made G W Grier aware of recourse from G E Ross to me concerning his evaluation.
7. Met with G E Ross and A E Allum to discuss points of disagreement disclosed in steps 2 and 5.



## B. Findings resulting from investigation

1. That Beau's feelings of being discriminated against were based on the outcome of his evaluation and other actions he had observed. These actions observed by Beau (G E Ross) were viewed from Beau's perspective; and, resulted in conclusions on his part which were not legitimate because he did not know of other factors or actions that resulted in the observed actions.

There was no discrimination against Beau substantiated by the other actions observed by Beau.

2. That communications from Art to Beau regarding Beau's performance were informal (i.e. verbal) and not clearly understood by Beau.
3. That communications from Beau to Art were lacking in that Beau did not follow proper procedures (informal or formal recourse) in getting answers to his concerns where he had doubted Art's decision or directions.
4. That Art's evaluation of Beau's performance was not discriminatory because his evaluations of other persons reporting to him were done in the same manner and with many of the same points as the evaluation of Beau.
5. That Art's evaluation of Beau's performance was basically accurate.
6. That a large contributor to Beau's feelings of being treated unfairly resulted from the lack of specific, clear standards for Beau's performance and the lack of formal review sessions to go over Beau's performance.
7. That Beau tends to evaluate himself against his own internalized standards and has difficulty accepting any other evaluation. He also tends to evaluate himself by comparing others in his position against these internalized standards. This makes meaningful communication sometimes very difficult with him.
8. That Art's evaluations of other supervisors who also had concerns expressed in the same manner as Beau did not support or substantiate discrimination by Art toward them.

## C. Conclusion

I conclude that there has not been discrimination by Art Allum in G E Ross' evaluation.

I conclude that G E Ross feels there has been and is discrimination against him because of the poor job done in communicating to him expected standards of performance in specific detail. He also feels discriminated against because of actions or inactions he has observed but does not see or know all of what goes into these actions. In other words, he has misinterpreted his observations, and, in some cases, just does not know the facts.



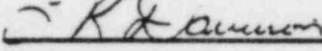
D. Recommendations

I recommend steps be taken to ensure more formal communications about performance between first and second level supervision and an independent review of first line supervisor's PPWs.

To this end I will instruct the employee relations assistant at Catawba to do several things. They are:

1. Track the conductance of PPPW reviews at the required intervals for first line supervisors.
2. Review all generated PPPWs for clarity and as objective as possible standards for all first line supervisors.
3. To report to me any cases where poor communication about performance standards is suspected.

These steps will remain in effect until such time as I conclude proper communication is occurring.

Signed   
L R Davison  
Catawba QA Manager

Date 5-26-83

cc: G W Grier  
C N Alexander

Duke Power Company  
**ACCOUNTABILITY SUMMARY  
 AND APPRAISAL**  
 for  
 Exempt Employees

PART 1 of 2

TION I

Employee Name: <u>G E Ross</u>	Social Security No.: <u>248-76-8996</u>
Job Title: <u>Supervising Technician</u>	Occupational Class Code: <u>7698</u>
Department: <u>QA</u>	Location: <u>Catawba Projects</u>
Date of Position Analysis: _____	Date Entered Present Position: <u>4-1-76</u>
Performance Review Period, From: <u>5-1-82</u>	To: <u>4-1-83</u>

RATING SCALE

Performance  
Level

Description

- |   |  |
|---|--|
| 5 | Very exceptional performance. Accomplishments go far beyond normal expectations. Clearly unique performance.   |
| 4 | Accomplishments are noticeably above expectations and indicate significant "stretch" in the job.   |
| 3 | Accomplishments consistently satisfy expectations. Individuals receiving this rating work independently with only a periodic review of results.  |
| 2 | Accomplishments are minimally acceptable. Some improvement is desired. Additional work experience and/or training may improve the level of performance.  |
| 1 | Frequently falls short on accomplishments. Immediate improvement is required. The individual has not grasped the basic requirement of this accountability and shows little or no sign of progress. |

Accountability: Promote safe by holding effective safety meetings	Weight(W)	Rating (R)	W x R
insuring his crew works safely, and setting a good example.	2	3	6

Accomplishments/Comments:

he has had been 0 lost time and auto accidents in his crew. Beau is safety conscious and sets a good example for his crew. He needs to have all his people in the same room during safety meetings.

Accountability: Monitor attendance and reduce the absentees due to	Weight (W)	Rating (R)	W x R
excused time, sickness, appointment time, etc. below 4%.	2	3	6

Accomplishments/Comments:

Beau had serious concerns about his ability to control his crew's absenteeism below 4%, however after the accountability was set, Beau took the action required to get his absenteeism below 4%.

Accountability: Effective administration of the salary administration	Weight (W)	Rating (R)	W x R
program including evaluations.	2	2	4

Accomplishments/Comments:

Evaluations have improved but attention is needed identifying employee weaknesses. Improvement is needed to bring the evaluations up to the desired level.

Accountability: Carry out responsibilities of QA and Construction	Weight (W)	Rating (R)	W x R
Department QA Procedures.	3	2	6

Accomplishments/Comments:

Significant improvements have been made in the identification of items requiring Q-1As and Q-2As. Improvement is needed in the writing of the description on items to be identified in reports.

Accountability: Resolving technical problems concerning quality	Weight (W)	Rating (R)	W x R
	3	2	6

Accomplishments/Comments:

Beau is capable of answering most questions concerning quality. Many of the questions he is sure ones that he knows the answers to but apparently wants to get approval before answering the inspectors. He needs to answer this type of question himself.

Accountability: Scheduling workforce to support project schedule	Weight (W)	Rating (R)	W x R
	3	3	9

Accomplishments/Comments:

Work has been scheduled effectively and has caused no delays. The inspectors time is not completely utilized as there appears to be a good deal of time when his inspectors have nothing to do. This time could be used doing random inspections, volt/amp checks, or studying procedures.

Accountability: Conduct inspections to insure that procedures are being properly followed.	Weight (W)	Rating (R)	W x R
	2	2	4

Accomplishments/Comments:

Beau is spending more time in the field with his inspectors. Items of concern have been identified in Beau's area by audit groups concerning the number of random inspections and volt/amp checks being done. This problem can be taken care of by better utilization of his inspectors.

Accountability: Training inspectors in revisions and changes to procedures.	Weight (W)	Rating (R)	W x R
	2	3	6

Accomplishments/Comments:

Training is being done in a timely manner.

Describe below any significant accomplishments outside of the Principal Accountabilities: Beau's performance in the first seven months of is evaluation period was less than satisfactory. During that riod he showed lack of support of management decisions. This was lustrated by his failure to accept the explanation given to him on the recertification of lding inspectors in MT & PT and his dissatisfaction expressed concerning the interperation ven by QA Technical Services concerning the proper use of R-2As and Q-1As. Communications tween Beau, his crew, and craft and Technical Support personnel was improved over the last nual evaluation but is in need of much improvement. This was caused in part by his using other inspector to investigate problems on concerns of craft rather than doing it himself.	Weight (W)	Rating (R)	W x R
	3	1	3

(CONT'D)

Overall Rating:

Performance Levels

Overall Rating

1. Sum of the Weights x Ratings (W x R)

1.	56
2.	25
	2.25

5  
4  
3  
2  
1

4.5 or greater  
3.5 to 4.4  
2.5 to 3.4  
1.5 to 2.4  
1.4 or less

2. Sum of the Weights

Overall Rating = 1 + 2



### SECTION III

Development Activities (List any development activities which the employee has completed during this performance review period:)

Completed the training for performance review  
Completed the effective communication course

### SECTION IV

Change In Accountabilities (Please indicate any major changes in the employee's accountabilities which should be reflected in the position analysis)

### SECTION V

Progress Reviews. How many progress reviews were conducted during this performance review period?

1

### SECTION VI

Evaluated By: <u>W. Allum</u>	Title <u>Technical Supervisor</u>	Date <u>2-21-83</u>
Reviewed By: <u>L.R. Danson</u>	Title <u>Project QA Manager</u>	Date <u>2-26-83</u>
Reviewed By: <u>W. J. J. J.</u>	Title <u>Corp QA Mgr</u>	Date <u>3/17/83</u>

To the Employee: Your signature on this form is voluntary. It indicates only that you had an opportunity to review and discuss your performance evaluation with your supervisor. Your signature does not necessarily indicate that you agree with the evaluation.

Employee's Comments: I feel my evaluation was not fair because I was rated lower than I felt I should be. I think my asking questions on procedures, and voicing my concern over lack of support have been used against me. I only had the intention of seeing that the program was being followed. I think this evaluation is discriminatory because I speak up when I think something is not being done properly. 2/15/83

Employee's Signature [Signature] Date 4-15-83



**Duke Power Company**  
**ACCOUNTABILITY SUMMARY**  
**AND APPRAISAL**  
 for  
**Exempt Employees**

CONTINUED (PART 2 of 2)

SECTION I

Employee Name: G E Ross Social Security No.: \_\_\_\_\_  
 Job Title: \_\_\_\_\_ Occupational Class Code: \_\_\_\_\_  
 Department: \_\_\_\_\_ Location: \_\_\_\_\_  
 Date of Position Analysis: \_\_\_\_\_ Date Entered Present Position: \_\_\_\_\_  
 Performance Review Period, From: \_\_\_\_\_ To: \_\_\_\_\_

**RATING SCALE**

**Performance**  
Level

Description

- |   |  |
|---|--|
| 5 | Very exceptional performance. Accomplishments go far beyond normal expectations. Clearly unique performance.   |
| 4 | Accomplishments are noticeably above expectations and indicate significant "stretch" in the job.   |
| 3 | Accomplishments consistently satisfy expectations. Individuals receiving this rating work independently with only a periodic review of results.  |
| 2 | Accomplishments are minimally acceptable. Some improvement is desired. Additional work experience and/or training may improve the level of performance.  |
| 1 | Frequently falls short on accomplishments. Immediate improvement is required. The individual has not grasped the basic requirement of this accountability and shows little or no sign of progress. |

## SECTION II.

Accountability: Interface: F per communications with other	Weight(W)	Rating (R)	W x R
roups and departments	3	2	6

## Accomplishments/Comments:

Improvements have been in communicating with craft, however, there is room for a lot of improvement. This can be done by Beau looking into problem areas himself rather than having one of his inspectors trying to determine what the problems are.

Accountability:	Weight (W)	Rating (R)	W x R

## Accomplishments/Comments:

Accountability:	Weight (W)	Rating (R)	W x R

## Accomplishments/Comments:

Accountability:	Weight (W)	Rating (R)	W x R

## Accomplishments/Comments:

Accountability:	Weight (W)	Rating (R)	W x R

## Accomplishments/Comments:

Accountability:	Weight (W)	Rating (R)	W x R

Accomplishments/Comments:

Accountability:	Weight (W)	Rating (R)	W x R

Accomplishments/Comments:

Accountability:	Weight (W)	Rating (R)	W x R

Accomplishments/Comments:

Describe below any significant accomplishments outside of the Principal Accountabilities:	Weight (W)	Rating (R)	W x R

Beau felt that he should not be held accountable on his 3PW for his crew's attendance, safety, and job performance, however, after the 3PW was written he took steps to improve all these areas. All areas of Beau's performance has improved since the implementation of the 3PW.

Overall Rating:	Performance Levels	Overall Rating
1. Sum of the Weights x Ratings (W x R)	5	4.5 or greater
2. Sum of the Weights	4	3.5 to 4.4
	3	2.5 to 3.4
Overall Rating = 1 + 2	2	1.5 to 2.4
	1	1.4 or less

SECTION III

Development Activities (List any development activities which the employee has completed during this performance review period:)

SECTION IV

Change In Accountabilities (Please indicate any major changes in the employee's accountabilities which should be reflected in the position analysis)

SECTION V

Progress Reviews. How many progress reviews were conducted during this performance review period?

SECTION VI

Evaluated By: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Reviewed By: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Reviewed By: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

To the Employee: Your signature on this form is voluntary. It indicates only that you had an opportunity to review and discuss your performance evaluation with your supervisor. Your signature does not necessarily indicate that you agree with the evaluation.

Employee's Comments:

Employee's Signature \_\_\_\_\_ Date \_\_\_\_\_



3. All significant work  
in this area is being  
done by Beau and his  
crew. This is a minimum  
effort.

This appraisal is being done because of a fair rating received by Beau on his last annual appraisal which identified a need for further development. It covers two periods of time, one being before 1 November 1982 and the other after. While Beau's performance in the areas of planning and organizing work assignments remains acceptable, his performance in several other areas as a supervisor still demonstrate a clear need for further development. Generally, Beau's understanding of his role as a supervisor and his responsibilities to other organizations (i.e. crafts), his employees, and his management needs improvement. Beau's successful performance as a supervisor necessitates his clearly understanding his responsibilities and carrying them out properly. Without improvement in these areas Beau's continued assignment as a supervisor will not be appropriate.

The following specific areas illustrate the problem discussed above:

When the decision was made to start recertifying welding inspectors in MT and PT at Catawba, Beau asked his supervisor if that meant that the people being recertified were going to be transferred to Cherokee? The answer was no, that we were preparing to better utilize the workforce at Catawba. Beau evidently did not accept this explanation as he took the first opportunity to ask his second line supervisor the same question who gave him the same answer. This was not the proper action for him to take.

When clarification was received from QA Technical Services concerning the proper use of R-2As and this information was communicated to Beau, he said that this interpretation showed a lack of support for him and his inspectors. However, he did agree that the final product would meet all QA requirements.

The communication between Beau, his crew, craft, and Technical Support has gotten better but still needs much improvement. Of particular concern is the communication problems between Beau and Craft supervision. For example, when craft supervision or technical support personnel have questions concerning Beau's inspectors, inspections, or inspection interpretations, which require looking at the item being inspected, he often will send another inspector to look at the item. This is unacceptable as it is his responsibility to interface with these various groups. This responsibility cannot be delagated. This action detracts from his effectiveness as a supervisor and isolates him from the problems. Beau views this approach as being supportive of his crew but in fact is shirking his duty as a supervisor. These actions were demonstrated when craft tried to enlist his help with structural steel on the ramp of Unit 2, tack welds in #2 diesel generator room, and paint in welds of Unit 2 diesel generator. Beau interfaced with the personnel involved and looked at the welds only after being directed by his supervisor. These are only a few of the numerous times this has happened. Because of this attitude, these people are hesitant to go to Beau with problems. The communications between Beau and other supervisors in his area is also at a minimum because of his attitude. He is very quick to find reasons why new plans and ideas won't work rather than trying to find ways to make them work.



Beau also has a problem in accepting Code requirements as being stringent enough. For example, after having been given a copy of the Code criteria for NF welds and being instructed to have some hanger material inspected by these criteria, the inspector listed several items as rejectable that the criteria clearly did not specify. Considerable time and effort had to be spent to properly inspect the material listing Code rejectable items separately from other observed questionable conditions.

In carrying out his duties as a supervisor Beau has problems answering the questions of his employees in the proper manner. All supervisors were instructed in June to provide answers to employee questions when they knew the answer. When they did not, to go to the next level of supervision with the question to get the answer and then communicate it to the employee. Recently one of Beau's inspectors had several questions about a NCI. Instead of following the method above which he had been instructed to do, Beau attempted to answer the questions himself which he could not do. Then he referred the inspector to his (Beau's) supervisor. The inspector later stated that he thought Beau had told him that he would probably need to file recourse to get an answer. Beau does not seem to understand his role as a supervisor in answering or getting answers to his employee's questions.

Beau has felt that he should not be held accountable for his employees actions in areas of safety, attendance and job performance. This was illustrated by his reluctance to write his Personal Performance Plan Worksheet (PPPW) for the coming year listing objectives in these areas although the other supervisors had no objections to these accountabilities and felt them to be valid. Again this pointed out a basic misunderstanding of his role as a supervisor. However, once the PPPW was written, he has attempted to improve in the areas identified. Improvement has been made in his crew's attendance and some improvement has been made in his communications with craft and technical support personnel, however, more improvement is needed in this and the other areas listed on his PPPW.

PERSONAL PERFORMANCE PLAN WORKSHEET

DUNE POWER COMPANY

Emp/ID	Job Title	Supervisor	Plan Approved By	Progress Review Date(s)	
Department	Location	Review Period From: To: (3)	Plan Approved By: (5)	Page 1 of 2 pages	
Weight	Accountabilities and Objectives (2)	Performance Standards (3)	Method of Measurement (4)	Results/Accomplishments (6)	
1	Accountability	0 lost time and 0 out of accidents through 3-93	Safety reports	Only accidents to pass by each business to be provided.	
2	Attendance. Monitor attendance and maintain accurate records of attendance.	More than 4% absence	Attendance reports		
2	Effective administration of safety. Write program and safety instructions.	Submit injury statistics which are complete and JAW guidelines to be provided.	Management		
3	Technical a. Run out submittals of QA and b. Action Dept QA board.	Review that a complete description of problem is submitted on all R241 and ACI. Review that identified items need to be with up the most program/potential.	Feedback		
3	a. Meeting technical problems involving quality.	Use "Skill man" to make questions	Log of questions and feedback/monitor		
3	c. Subcontracting work. Control to support project schedule.	Review backlog and report submittals schedule as possible as not to delay schedule.	Change in schedule and delay completion		

Plan Approved By: (5)

Page 1 of 2 pages

Results/Accomplishments (6)

Evaluated



Dev./Station \_\_\_\_\_ Unit \_\_\_\_\_ File No. \_\_\_\_\_

Subject \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_

Sheet No. \_\_\_\_\_ of \_\_\_\_\_ Problem No. \_\_\_\_\_ Checked By \_\_\_\_\_ Date \_\_\_\_\_

Art, please see if you can get me a copy of federal regulations concerning harassment or intimidation of inspection personnel. I would also like to have a copy of federal regulations concerning treatment of employees who <sup>have</sup> expressed concerns about nuclear fabrication.

I would also like to have a copy of Duke Power's policy concerning above.

I would also like for you to find out what recourse is available if an employee does not agree with his evaluation and thinks that the evaluation is retaliatory in nature.

Thanks

Beau

6-2-82

No rec



April

		WEDNESDAY • 1st
		ATTACHMENT B
MONDAY • 6th	TUESDAY • 7th	WEDNESDAY • 8th
MONDAY • 13th	TUESDAY • 14th	WEDNESDAY • 15th
MONDAY • 20th	TUESDAY • 21st	WEDNESDAY • 22nd
MONDAY • 27th Avoid Q-1A's as much as possible (OIS possible) initial with originator. Don't set number before CRB - review Q-1A per CRB.	TUESDAY • 28th	WEDNESDAY • 29th
MONDAY	TUESDAY	WEDNESDAY

1981 JANUARY 1981	1981 FEBRUARY 1981	1981 MARCH 1981	1981 APRIL 1981	1981 MAY 1981	1981 JUNE 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4	1 2	1 2 3 4 5 6
4 5 6 7 8 9 10	8 9 10 11 12 13 14	8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9	7 8 9 10 11 12 13
11 12 13 14 15 16 17	15 16 17 18 19 20 21	15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16	14 15 16 17 18 19 20
18 19 20 21 22 23 24	22 23 24 25 26 27 28	22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27
25 26 27 28 29 30 31		29 30 31	26 27 28 29 30	24 25 26 27 28 29 30	28 29 30



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 CP 22A 2B in error indication (unlabeled) told out	2 Questioned art. The note convinced me that construction was right.	3 Art is 1266 upset with me because I don't blindly agree with construction and from what told in front of Dib to say anything	4 showed to problems to art. (not error)	5	6 7
8	9	10	11	12 Lincoln's Birthday	13 14
15 Washington's Birthday	16	17	18	19	20 12 hours construction 21
22	23	24 Ash Wednesday	25	26	27 28
THINGS TO DO					
NOTES			Heating and cooling require about two-thirds of the energy used in the home by a typical Duke Power customer each year.		

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
THINGS TO DO		1	2	3	
6 Labor Day	7	8	9	10	
13	14	15	16	17	
20	21	22 Told Joe Willis about retaliation on evaluation and being threatened and feeling threatened because of his concerns 23 told of asking for information and not getting a reply from AVT 24 told of asking for information and not getting a reply from AVT			
27 Yom Kippur	28	29 Told him about being separated from construction. Problems we have had and are currently having about support for Insp. and myself. 30 also told of his problems			
NOTES	A peek in the oven allows about 20% of the heat to escape				

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Election Day	3	4	5	6
8	9	10 DD	11 DD	12 DD	13 DD
15	16	17	18	19	20
22	23	24	25 Thanksgiving Day	26	27
29	30	THINGS TO DO:			
NOTES:			<p>In 1906 a Duke residential customer used about 55 kilowatt-hours for the year. In 1990, the average yearly use was 12,500 kilowatt-hours.</p>		

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
THINGS TO DO		1	2	3	4
6	7	8	9	10	11
13	14	15	16	17	18
20	21 V. Picard data sheet	22 L-341 & 10 between members not on vertical member per Art. Alvar I suggested for until they could close down every body	23 me. Total tell everyone (stickman)	24	25
27	28	29	30	31	
NOTES:					

MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
THINGS TO DO											
3	4	5 Bob H. says: F-913 was used for bevel question from C-120 -rt		6	7			8	9		
10	11	12		13	14			15	16		
17	18	19		20	21			22	23		
24	25	26		27	28 incuse weld symbol not IAW AWS Bill Rearden says Art says no problem toward George A.		29		30		
31	NOTES										



October 1980  
 S M T W T F S  
 1 2 3 4  
 5 6 7 8 9 10 11  
 12 13 14 15 16 17 18  
 19 20 21 22 23 24 25  
 26 27 28 29 30 31

20

Weld size on  
 CN-AA 207  
 to be increased  
 to 1/8" per R.B.

September 1980  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28 29 30

November 1980  
 S M T W T F S  
 1 2 3 4 5 6 7 8  
 9 10 11 12 13 14 15  
 16 17 18 19 20 21 22  
 23 24 25 26 27 28 29  
 30

294

Monday, October 20

72

August 1980  
 S M T W T F S  
 1 2 3 4 5 6 7 8 9  
 10 11 12 13 14 15 16  
 17 18 19 20 21 22 23  
 24 25 26 27 28 29 30  
 31

21

Told Charles B. of  
 concern of some  
 inspectors about  
 Lack of support  
 for enforcement of  
 program. Too inclined  
 to appease craft,  
 and keep working  
 rather than strictly  
 follow program.

May 1980						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

28

temp 36°  
 wind 1/4  
 top 2 p.m.  
 18°  
 500°  
 KY  
 DE

N.D.E. of Removal Area  
 on containment plate mandatory  
 per Q.A. (Rouse) C.B. says to  
 continue on with NDE unit.  
 procedure is changed (SP144)

April 1980						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

June 1980						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

150

Thursday, May 29

216

May 1980						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

30

Memorial Day

Hanger Packages  
 with two variation  
 notices showing different  
 ways of welding  
 same weld. No  
 problem use one UN  
 for one weld and another  
 UN for two welds  
 specifically, Identical  
 on UN. on a UN later  
 date than other. ok.  
 per CB-  
 Hanger NO. IRKC-146



January 1980

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Q1177514 welding symbol  
 to be interpreted  
 as effective throat  
 per C.R.B. No parenthesis  
 No problem  
 CN 2894-05 r-3  
 T<sub>1</sub> & T<sub>2</sub>

John Bryant had <sup>problem</sup> weld  
 symbol on above NCI but  
 L.R. Dawson made him  
 remove it before he would  
 approve. Q1177514 said it mea. 1  
 effective throat.

December 1979

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February 1980

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

18 Friday, January 18 348

22 Friday  
 February  
 1980

8:00	
8:30	overlapping
9:00	Files
9:30	NE & NW - NE
10:00	C.R.B.
10:30	Mr. -
11:00	C.R.B.
11:30	
12:00	
1:00	CP-22
1:30	
2:00	Nut type not
2:30	specified on drawing
3:00	OK per C.R.B. &
3:30	Bob. Heinrich

January 1981						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

14

Harold (M. 4)

talked to Charles  
about saddle work  
Lindsay found with  
no "L" dimensions.  
wanted to go

"L" on paper work  
reg. before sign a. d. v. i. s. i. o. n.  
1st. - old paper work no  
solutions required (w. l. d. - today  
no 2nd - C.P. + 275 p. v. i. s. i. o. n.  
for process control  
I gave to Bill Sam who  
To put in the

December 1981						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February 1982						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						



January  
1982

and other personnel  
in field, etc.  
CD3 about generic  
aspect (thousands  
already made)  
I asked about  
this requirement when  
I first came down  
here. Answer if it's  
not a process control  
don't worry, not your  
job. P.S. Talked  
to Bob M. about  
above. also RA (P)

2

Thursday  
January  
1982

8:00

8:30

9:00 Found out that

9:30 "L" dimension problem

10:00 (1-14-82) had not

10:30 been taken care

11:00 of. had to threaten

11:30 work stoppage.

12:00 But Tim S. says

1:00 that ~~things~~ <sup>problem</sup> are

1:30 being taken care

2:00 of. Talked to

2:30 Bob & Charles B.

3:00 T & situation is not

3:30 expected, work

4:00 stoppage will be minimal.

4:30 problem since summer 81,

5:00

5:30

13,662

Monday  
February  
1962

8:00	
8:30	
9:00	
9:30	
10:00	
10:30	
11:00	C.P. 22 A ser. No 28
11:30	reference par. 3 page
12:00	4 revision 22, and
1:00	statement as interpreted
1:30	is in error informed
2:00	Art. Willful disregard
2:30	of procedure
3:00	
3:30	
4:00	
4:30	
5:00	
5:30	

February 1982  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28

Asked Art about help repl...

Questioned Art about  
 support. CP22A &  
 7 NCI.  
 Show Art problem s  
 from sign-up sheet per  
 Danny Powell and Bob M.

January 1982  
 S M T W T F S  
 1 2  
 3 4 5 6 7 8 9  
 10 11 12 13 14 15 16  
 17 18 19 20 21 22 23  
 24 25 26 27 28 29 30  
 31

March 1982  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28 29 30 31

033

Tuesday, February 2

332

February 1982  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28

3

do evaluations.

Ransom hit  
 head and jammed  
 neck, hit ~~bug~~  
 on motor getting  
 to inspection.

Art upset (d Bob) because  
 I questioned support.  
 (Appears to be supporting  
 construction.) <sup>also</sup> Upset because  
 I questioned unusual  
 weld symbol in CP.22

February 1982  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28

Feb - end 1st

Q-1A 13, 947 (NCT)  
 statement on NCT  
 questionable about  
 insignificance of  
 NCT - (Q.A.)  
 See 13, 789 for  
 other point (Q.A.)

January 1982  
 S M T W T F S  
 1 2  
 3 4 5 6 7 8 9  
 10 11 12 13 14 15 16  
 17 18 19 20 21 22 23  
 24 25 26 27 28 29 30  
 31

March 1982  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28 29 30 31

035

Thursday, February 4

330

February 1982  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28

5

John I. 2nd -  
 Lindsay -  
 2nd - Sun.

2010 - sign  
 stating we checked  
 what craft had listed  
 as being complete.  
 per Art. work to  
 be done not specifically  
 stated

January 1982  
 S M T W T F S

March 1982  
 S M T W T F S



MONDAY

APRIL						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

27

APR. 1981

**Success**

Avoid Q-1A's as much as possible per C.R.B. initial with originator. don't get number on form before we reviews it. Via Q-1

WEDNESDAY

MAY						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

13

MAY 1981

**Success**

Welding on flange of beam ok. per C.P. 22 (H) and P.R.B. even though per 1-5-22 says design authorization required.

6" sitting alt. with 432 WPB from Seelery and 234 from warehouse per C.R.B. note attached by us. ok. (brought to attn. of Joe Shropshire)

DAY OF THE YEAR

117 -

MONDAY, APR. 27

WFO SERIAL NO.

- 248

MARCH						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

26

MAR. 1981

**Success**

A note to allow work on I.D. of pipe is no longer necessary per C.R.B. F.W.D.S.?

DAY OF THE YEAR

133 -

WEDNESDAY, MAY 13

WFO SERIAL NO.

- 232

APRIL						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

23

APR. 1981

**Success**

Grinding on valve body ok per C.R.B.

Weld. No. 2RF3-3

45" craft welded up on 45" bevel then ground 45 back with no process control to do 50. (re-in spec) No welders on spec misc. steel at 100% need. 100% per C.R.B.

WEDNESDAY

FEBRUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

18  
FEB. 1981

**Success**

Larry Martin (unit?) called and said to have inspectors to NCI welds on clips, because the returns of weld on the corners are larger than shown on design drawing.

Bud said he had no hard feelings toward Martin and that work was not signed-off because it is not correct to design drawing.

Charlie B. instructed inspector (Richard C.) to sign-off fillet welds on instrumentation brackets. Richard declares that he can not 100% say there is a sufficient amount of fillet weld.

shrink  
in

could  
be

DAYS OF THE YEAR  
49 -

WEDNESDAY, FEB. 18

DAYS REMAINING  
- 316

# 1981



THURSDAY • 1st NEW YEAR'S DAY	FRIDAY • 2nd	SATURDAY • 3rd	SUNDAY • 4th
THURSDAY • 8th	FRIDAY • 9th	SATURDAY • 10th	SUNDAY • 11th
THURSDAY • 15th OK to raise valve out of line and run pipe straight through per C.R.B.	FRIDAY • 16th	SATURDAY • 17th	SUNDAY • 18th
THURSDAY • 22nd OK to raise jack in pipe while welding per C.R.B.	FRIDAY • 23rd	SATURDAY • 24th	SUNDAY • 25th
THURSDAY • 29th	FRIDAY • 30th	SATURDAY • 31st	SUNDAY
THURSDAY	FRIDAY	SATURDAY	SUNDAY

1981 JULY 1981	1981 AUGUST 1981	1981 SEPTEMBER 1981	1981 OCTOBER 1981	1981 NOVEMBER 1981	1981 DECEMBER 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1	1 2 3 4 5	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5
5 6 7 8 9 10 11	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12
12 13 14 15 16 17 18	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19
19 20 21 22 23 24 25	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26
26 27 28 29 30 31	23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31	29 30	27 28 29 30 31

# February

MONDAY • 2nd	TUESDAY • 3rd	WEDNESDAY • 4th
MONDAY • 9th	TUESDAY • 10th Howard Beard told John Bryant to get off scaffold. Told C.R.B. This was interfering with job. no action	WEDNESDAY • 11th
MONDAY • 16th WASHINGTON'S BIRTHDAY OBSERVED	TUESDAY • 17th	WEDNESDAY • 18th C.R.B. instructed F13C to sign off Sill et works on instr. brackets, F15C says he cannot, info say there is a sufficient amount of Sill et work should be finished by
MONDAY • 23rd	TUESDAY • 24th	WEDNESDAY • 25th OJO on NF work for clean-up OK for C.R.B. (A-G) (ASTM) LBO says no under Pse E r 6
MONDAY	TUESDAY	WEDNESDAY

1981	JANUARY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31		

1981	FEBRUARY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28		

1981	MARCH	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31		

1981	APRIL	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981	MAY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981	JUNE	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981

SUNDAY • 1st

THURSDAY • 5th

FRIDAY • 6th

SATURDAY • 7th

SUNDAY • 8th

THURSDAY • 12th

LINCOLN'S BIRTHDAY

FRIDAY • 13th

SATURDAY • 14th

VALENTINE'S DAY

SUNDAY • 15th

THURSDAY • 19th CRB, says  
 - weld length on clips in R3, II  
 - pipe chase no problem.  
 Drawing called for 5' length  
 of clip to start with then  
 - v.r. changed to 1" return Weld  
 - drawings should be considered  
 minimum - some full length  
 some 1" return.

FRIDAY • 20th

SATURDAY • 21st

SUNDAY • 22nd

WASHINGTON'S BIRTHDAY

THURSDAY • 26th

FRIDAY • 27th

SATURDAY • 28th

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1981 AUGUST 1981						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

1981 SEPTEMBER 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 OCTOBER 1981						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 NOVEMBER 1981						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

1981 DECEMBER 1981						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



1901

SUNDAY • 1st

THURSDAY • 5th

FRIDAY • 6th

SATURDAY • 7th

SUNDAY • 8th

THURSDAY • 12th

FRIDAY • 13th

SATURDAY • 14th

SUNDAY • 15th

THURSDAY • 19th

FRIDAY • 20th

SATURDAY • 21st

SUNDAY • 22nd

THURSDAY • 26th A note on  
process control (ASME) to  
work on inside is no  
longer necessary per C.P.D.  
type & double welded  
joint is no problem

FRIDAY • 27th

SATURDAY • 28th

SUNDAY • 29th

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981	1981 AUGUST 1981	1981 SEPTEMBER 1981	1981 OCTOBER 1981	1981 NOVEMBER 1981	1981 DECEMBER 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

# 1981

THURSDAY • 2nd	FRIDAY • 3rd	SATURDAY • 4th	SUNDAY • 5th
THURSDAY • 9th	FRIDAY • 10th	SATURDAY • 11th	SUNDAY • 12th
THURSDAY • 16th	FRIDAY • 17th GOOD FRIDAY	SATURDAY • 18th	SUNDAY • 19th EASTER PASCHEN
<div> <div>45°</div> <div>↓</div> </div> THURSDAY • 23rd Grinding on valve body of per C.P.D. 2 RF3-3. Craft welded on 45° transition region then ground area back with No process control to 60 50. No welders stencil on misc. started 8:00. No credit to Q-1A per C.P.D.	FRIDAY • 24th	SATURDAY • 25th	SUNDAY • 26th
THURSDAY • 30th			
THURSDAY	FRIDAY	SATURDAY	SUNDAY

1981 JULY 1981	1981 AUGUST 1981	1981 SEPTEMBER 1981	1981 OCTOBER 1981	1981 NOVEMBER 1981	1981 DECEMBER 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1	1 2 3 4 5	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5
5 6 7 8 9 10 11	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12
12 13 14 15 16 17 18	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19
19 20 21 22 23 24 25	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26
26 27 28 29 30 31	23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31	29 30	27 28 29 30 31

May

MONDAY • 4th	TUESDAY • 5th	WEDNESDAY • 6th
MONDAY • 11th	TUESDAY • 12th	WEDNESDAY • 13th Welding on <i>Structural</i> frames OK per CD 20A m.c. 6 and C.R.E. even though CD 22 Par. 14 Ex. 22 says design author required. 6" fitting OK with 432 WVB from Gentry and 50354 from W. H. H. Co. per C.R.E. Note on fitting by US OK. (Attn. of Joe Strickshire)
MONDAY • 18th	TUESDAY • 19th	WEDNESDAY • 20th
MONDAY • 25th MEMORIAL DAY OBSERVED	TUESDAY • 26th	WEDNESDAY • 27th
MONDAY	TUESDAY	WEDNESDAY

1981 JANUARY 1981	1981 FEBRUARY 1981	1981 MARCH 1981	1981 APRIL 1981	1981 MAY 1981	1981 JUNE 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4	1 2	1 2 3 4 5 6
4 5 6 7 8 9 10	8 9 10 11 12 13 14	8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9	7 8 9 10 11 12 13
11 12 13 14 15 16 17	15 16 17 18 19 20 21	15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16	14 15 16 17 18 19 20
18 19 20 21 22 23 24	22 23 24 25 26 27 28	22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27
25 26 27 28 29 30 31		29 30 31	26 27 28 29 30	24 25 26 27 28 29 30	28 29 30

WEDNESDAY

17

JUNE 1981

JUNE						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Success

Steam Gen  
3/4 down tank  
weld looked at  
and O.K. ed by  
Charles.

Steam Generator Drain Tank  
1A side - weld 1-37

100 - 0 - -80

DAY OF THE YEAR

168 - WEDNESDAY, JUNE 17 - 197

DAYS REMAINING

FRIDAY

19

JUNE 1981

JUNE						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Success

43Z Steam drain tank  
down with welding  
need not be  
NCE per (JRM)

DAY OF THE YEAR

170 -

FRIDAY, JUNE 19

DAYS REMAINING

- 195

WEDNESDAY

3

JUNE 1981

JUNE						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Success

ISO two  
directional  
flow

Valve uni-direction  
Flow arrow

OK (C)

FRIDAY

5

JUNE 1981

JUNE						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Success

Mat. I.D.

Not legible (RIS)

channel splice  
Steve Moody C.R.B.

300 O.K. to let  
craft re-est. A.M.

Vio.  
C.P. 23 R-15  
Page 4  
TV - 3



MONDAY

27

APR. 1981

P	L	F	S
1	2	3	4
7	8	9	10
14	15	16	17
21	22	23	24
28	29	30	

**SUCCESS**

Avoid Q-1A's as much as possible. per C.B. initial with signator. don't get number on form before reviews it. Vio. Q-1

WEDNESDAY

13

MAY 1981

MAY						
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**SUCCESS**

Welding on flanges of beam ok. per C.P. 22 (A) and P.R.B. even though per 1st 502 says design authorization required.

6" fitting ok. with 432 WPB from Saylor and 234 from Warehous per C.R.B. note articulated by us. ok. (brought to atten. of Joe Shropshire)

DAY OF THE YEAR

MONDAY, APR. 27

DAYS REMAINING  
- 248

MARCH						
M	T	W	T	F	S	
2	3	4	5	6	7	
9	10	11	12	13	14	
16	17	18	19	20	21	
23	24	25	26	27	28	
30	31					

26

MAR. 1981

**SUCCESS**

A note to allow work on I.D. of pipe is no longer necessary per C.R.B. F.W.D.S.?

DAY OF THE YEAR

133 - WEDNESDAY, MAY 13

DAYS REMAINING

- 232

APRIL						
S	M	T	W	T	F	S
				1	2	3
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

23

APR. 1981

**SUCCESS**

Grinding on valve body ok per C.R.B.

Weld. NO. 2 RF3-3

45°

crest welded up on 45° bevel then ground 45 back with no process control to do

No welders special misc. steel at final per needs N.I. per C.R.B. (re-inforcement)



WEDNESDAY

FEBRUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

18

FEB. 1981

Success

Larry Martin (unit #2) called and said to have inspectors to NCI welds on clips, because the returns of weld on the corners are larger than shown on design drawing.

Bud said he had no hard feelings toward Martin and that work was not signed-off because it is not correct to design drawing.

Charlie B. instructed inspector (Richard C.) to sign-off fillet welds on instrumentation brackets. Richard declares that he can not 100% say there is a sufficient amount of fillet weld.

should be

could be

DAY OF THE YEAR

49 -

WEDNESDAY, FEB. 18

DAYS REMAINING

- 316

# 1981

THURSDAY • 1st NEW YEARS DAY	FRIDAY • 2nd	SATURDAY • 3rd	SUNDAY • 4
THURSDAY • 8th	FRIDAY • 9th	SATURDAY • 10th	SUNDAY • 11
THURSDAY • 15th OK to raise valve out of line and run pipe straight through per C.R.B.	FRIDAY • 16th	SATURDAY • 17th	SUNDAY • 18
THURSDAY • 22nd OK to have back in pipe while welding per C.R.B.	FRIDAY • 23rd	SATURDAY • 24th	SUNDAY • 25
THURSDAY • 29th	FRIDAY • 30th	SATURDAY • 31st	
THURSDAY	FRIDAY	SATURDAY	SUNDAY

<b>1981 JULY 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>1981 AUGUST 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	<b>1981 SEPTEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>1981 OCTOBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>1981 NOVEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>1981 DECEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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# February

MONDAY • 2nd	TUESDAY • 3rd	WEDNESDAY • 4th
MONDAY • 9th	TUESDAY • 10th Howard Beard told John Bryant to get off scaffold. Told C.R.B. This was interfering with job. no action	WEDNESDAY • 11th
MONDAY • 16th WASHINGTON'S BIRTHDAY OBSERVED	TUESDAY • 17th	WEDNESDAY • 18th C.R.B. instructed F.B.C. to sign off Elliot welds on instr. brackets. RISC. says he cannot say there is a sufficient amount of Elliot weld 17 should be 17 could be
MONDAY • 23rd	TUESDAY • 24th	WEDNESDAY • 25th OKO on NF weld for clean-up ok per C.R.B. (A-G) (ASTM) LBO says no undercut per E r 6
MONDAY	TUESDAY	WEDNESDAY

1981 JANUARY 1981						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 FEBRUARY 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

1981 MARCH 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1981 APRIL 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 MAY 1981						
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1981 JUNE 1981						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

# 1981

SUNDAY • 1st

THURSDAY • 5th

FRIDAY • 6th

SATURDAY • 7th

SUNDAY • 8th

THURSDAY • 12th

LINCOLN'S BIRTHDAY

FRIDAY • 13th

SATURDAY • 14th

VALENTINE'S DAY

SUNDAY • 15th

THURSDAY • 19th CRB. says  
weld length on clips in B3, II  
pipe chase no problem.  
Drawing called for 5' length  
of clip to start with then  
U.N. changed to 1' return Weld  
lengths should be considered  
minimum - some full length  
some 1' return.

FRIDAY • 20th

SATURDAY • 21st

SUNDAY • 22nd

WASHINGTON'S BIRTHDAY

THURSDAY • 26th

FRIDAY • 27th

SATURDAY • 28th

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1981 AUGUST 1981						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

1981 SEPTEMBER 1981						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1981 OCTOBER 1981						
S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 NOVEMBER 1981						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1981 DECEMBER 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

# 1981

			SUNDAY • 1st
THURSDAY • 5th	FRIDAY • 6th	SATURDAY • 7th	SUNDAY • 8th
THURSDAY • 12th	FRIDAY • 13th	SATURDAY • 14th	SUNDAY • 15th
THURSDAY • 19th	FRIDAY • 20th	SATURDAY • 21st	SUNDAY • 22nd
THURSDAY • 26th A note on process control (ASME) to work on inside is no longer necessary per C.P.D. NPE & double welded joint is no problem	FRIDAY • 27th	SATURDAY • 28th	SUNDAY • 29th
THURSDAY	FRIDAY	SATURDAY	SUNDAY

<b>1981 JULY 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>1981 AUGUST 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	<b>1981 SEPTEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>1981 OCTOBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>1981 NOVEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>1981 DECEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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1981

THURSDAY • 2nd

FRIDAY • 3rd

SATURDAY • 4th

SUNDAY •

THURSDAY • 9th

FRIDAY • 10th

SATURDAY • 11th

SUNDAY • 1

THURSDAY • 16th

FRIDAY • 17th

SATURDAY • 18th

SUNDAY • 1

GOOD FRIDAY

EASTER  
PASSOVER

45°

THURSDAY • 23rd Grinding

FRIDAY • 24th

SATURDAY • 25th

SUNDAY • 2

on valve body, OK per C.R.D.

2 RF3-3, Craft welded

on 45° transition region

then ground area back

with No process control

to do so.

① No welders stencil  
stamped. No work Q-1A  
per C.R.D.

THURSDAY • 30th

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981

S M T W T F S

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1981 AUGUST 1981

S M T W T F S

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

1981 SEPTEMBER 1981

S M T W T F S

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 OCTOBER 1981

S M T W T F S

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

1981 NOVEMBER 1981

S M T W T F S

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

1981 DECEMBER 1981

S M T W T F S

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

# May

MONDAY • 4th

TUESDAY • 5th

WEDNESDAY • 6th

MONDAY • 11th

TUESDAY • 12th

WEDNESDAY • 13th Welding on  
*Structure* Flanges OK per CP 27A No. 6  
 and C.R.B. even though CP  
 Par. 14 Rev. 22 says design  
 author. required.  
 6" fitting OK with 432 WPB from  
 Gentry and SA 254 from W. House  
 per C.R.B. Note on ticket  
 by US OK. (Attn of Joe Shropshire)

MONDAY • 18th

TUESDAY • 19th

WEDNESDAY • 20th

MONDAY • 25th

MEMORIAL DAY OBSERVED

TUESDAY • 26th

WEDNESDAY • 27th

MONDAY

TUESDAY

WEDNESDAY

1981 JANUARY 1981						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 FEBRUARY 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

1981 MARCH 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1981 APRIL 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 MAY 1981						
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1981 JUNE 1981						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# June

MONDAY • 1st	TUESDAY • 2nd class E hanger No M-S/A ok. per C.R.B.	WEDNESDAY • 3rd ISO, bi-directional Value uni-directional ok. C.R.B.
MONDAY • 8th	TUESDAY • 9th	WEDNESDAY • 10th
MONDAY • 15th	TUESDAY • 16th	WEDNESDAY • 17th Steam generator Blow down, 1A side weld 1-37 ok. per Charles  Geometry? overlap
MONDAY • 22nd	TUESDAY • 23rd	WEDNESDAY • 24th
MONDAY • 29th	TUESDAY • 30th	
MONDAY	TUESDAY	WEDNESDAY

1981 JANUARY 1981	1981 FEBRUARY 1981	1981 MARCH 1981	1981 APRIL 1981	1981 MAY 1981	1981 JUNE 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4	1 2	1 2 3 4 5 6
4 5 6 7 8 9 10	8 9 10 11 12 13 14	8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9	7 8 9 10 11 12 13
11 12 13 14 15 16 17	15 16 17 18 19 20 21	15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16	14 15 16 17 18 19 20
18 19 20 21 22 23 24	22 23 24 25 26 27 28	22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27
25 26 27 28 29 30 31		29 30 31	26 27 28 29 30	24 25 26 27 28 29 30	28 29 30

1981

THURSDAY • 4th

FRIDAY • 5th *p.m.* • I.D.

Not legible on channel  
splice. Let craft (Marty,  
S. Riggs) re-stamp step  
with A-36. CRB, said  
a.K. because he committed  
to David Hewerlyn.  
violation C.F. 23 r-15 page  
4 sec. IV-3

SATURDAY • 6th

SUNDAY •

THURSDAY • 11th

FRIDAY • 12th

SATURDAY • 13th

SUNDAY •

FLAG DAY

THURSDAY • 18th

FRIDAY • 19th 43Z

Steam drain tank  
down hill welding OK  
per CRB. craft to  
remove and reweld no  
Q-1A required.

SATURDAY • 20th

SUNDAY •

FATHER'S DAY

THURSDAY • 25th

FRIDAY • 26th

SATURDAY • 27th

SUNDAY •

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1981 AUGUST 1981						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

1981 SEPTEMBER 1981						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1981 OCTOBER 1981						
S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 NOVEMBER 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

1981 DECEMBER 1981						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



July

WEDNESDAY • 1st

CANADA DAY

MONDAY • 6th

TUESDAY • 7th

WEDNESDAY • 8th

MONDAY • 13th

TUESDAY • 14th

R-9  
 RM: for root pass check  
 memo calls OK  
 for three layers  
 root pass check CRB  
 4LA  
 R-1A 12,179  
 RWI  
 asks?  
 Three layers  
 ok if craft says  
 no more legs

(CF42) T.O.B. in-truck

WEDNESDAY • 15th  
 Grade in material plot  
 per CR 351 not our probl.  
 P-8(304) 304 not our  
 concern (I FW 11-5, 13-8  
 14-3, 4, 11, 9)  
 also don't worry about  
 how much material is in  
 pit when root pass is

MONDAY • 20th

TUESDAY • 21st

INC 193-1 ground into by  
 mistake NO F9B, NO ANI  
 approval, just note on ticket  
 by Bill Sams. OK per CRB

CRB very upset unjustified  
 upset at Lindsay because build  
 roller plates out a pair, Lindsay  
 can't verify inspection due to location in pair.

WEDNESDAY • 22nd  
 15M 38-10 C.F.  
 15M 38-11 C.K.  
 15M 38-11 I.F.B.

MONDAY • 27th

TUESDAY • 28th I worked  
 over till 8:45 P.M.  
 second shift audit.

WEDNESDAY • 29th

MONDAY

TUESDAY

WEDNESDAY

1981 JANUARY 1981						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 FEBRUARY 1981						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

1981 MARCH 1981						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1981 APRIL 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 MAY 1981						
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1981 JUNE 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		



1981

THURSDAY • 2nd

FRIDAY • 3rd

SATURDAY • 4th

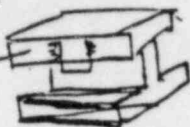
SUNDAY • 5th

INDEPENDENCE DAY

THURSDAY • 9th

welding on edge of  
flange on beams OK.  
Rob Atkins

welding  
here OK.



FRIDAY • 10th

SATURDAY • 11th

SUNDAY • 12th

THURSDAY • 16th IFW1043

FRIDAY • 17th

SATURDAY • 18th

SUNDAY • 19th

water in pipe, quenched weld  
when holes drilled joint  
was still hot. T.O. questioned  
this per L-200 v-14 (quenching)  
(1'ss) tried to non-conform  
but C.R.B. would not sign.  
water not problem acts  
as heat sink (per Bill Sam) I was  
only one concerned with it.

THURSDAY • 23rd

FRIDAY • 24th

SATURDAY • 25th

SUNDAY • 26th

RBII per weld  
weaved too wide 1/8"-1/4"  
1/8" electrode. OK craft  
to fix without Q-1A  
per C.R.B.

THURSDAY • 30th

FRIDAY • 31st

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1981 AUGUST 1981

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1981 SEPTEMBER 1981

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 OCTOBER 1981

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 NOVEMBER 1981

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

1981 DECEMBER 1981

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

<p>MONDAY • 3rd Nuclear Premium: 175.00/mo. exempt. 8.41% Non-exempt</p>	<p>TUESDAY • 4th</p>	<p>WEDNESDAY • 5th</p>
<p>MONDAY • 10th</p>	<p>TUESDAY • 11th</p>	<p>WEDNESDAY • 12th</p>
<p>MONDAY • 17th tube steel type <math>F_y = 46 \text{ KSI (sec. 3)}</math> CN 1684-NI-003-B r-1 CN 1684-SM-100-B r-0 Note 18 weld size Note 2 A 36 Note 6 NDE CP 22A for Mat. type OK (R.B.)</p>	<p>TUESDAY • 18th</p>	<p>WEDNESDAY • 19th 1KC 618-11 3" C.S. sh 4c. ① 3 1/2" long tack ② 1/2" long tack &lt; 75% of joint checked at fit-up Told C.R.B.</p>
<p>MONDAY • 24th</p>	<p>TUESDAY • 25th</p>	<p>WEDNESDAY • 26th</p>
<p>MONDAY • 31st</p>		
MONDAY	TUESDAY	WEDNESDAY

1981	JANUARY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31		

1981	FEBRUARY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28		

1981	MARCH	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31		

1981	APRIL	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981	MAY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981	JUNE	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981

SATURDAY • 1st SUNDAY • 2

THURSDAY • 6th

FRIDAY • 7th build-up  
on rupture restraint  
OK. No inspection  
needed Martin H.  
Not shown on drawing  
1684-SM-100B  
CN 1121.00-1

SATURDAY • 8th SUNDAY • 9

THURSDAY • 13th talked to  
NRC Van Dorn about  
pen (7-22-81) saved too wide

FRIDAY • 14th 30 min  
over 5 min

SATURDAY • 15th SUNDAY • 16

THURSDAY • 20th

FRIDAY • 21st

SATURDAY • 22nd SUNDAY • 23

THURSDAY • 27th Talked To  
Charles about CP 310  
violation on M-I Brass  
contamination. Note on  
M-I. No F&B req.  
let work proceed.  
per CRB

FRIDAY • 28th 1 NV 309-1  
root condition ? by Scott  
10' up 3" line, film OK.  
OK, per CRB. due to  
inaccessibility

SATURDAY • 29th SUNDAY • 30

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981	1981 AUGUST 1981	1981 SEPTEMBER 1981	1981 OCTOBER 1981	1981 NOVEMBER 1981	1981 DECEMBER 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1	1 2 3 4 5	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5
5 6 7 8 9 10 11	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12
12 13 14 15 16 17 18	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19
19 20 21 22 23 24 25	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26
26 27 28 29 30 31	23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31	29 30	27 28 29 30 31

# September

TUESDAY • 1st  
 over till 4:30  
 Training L-80, M-4  
 r-11 r-10

WEDNESDAY • 2nd

MONDAY • 7th  
 LABOR DAY

TUESDAY • 8th

WEDNESDAY • 9th

MONDAY • 14th

TUESDAY • 15th

WEDNESDAY • 16th

MONDAY • 21st Scott Gantt  
 Gene McDowell Jaeger  
 test expired for  
 several months (non-derogatory)  
 told ERB  
 Got eyes check ASAP.

TUESDAY • 22nd

WEDNESDAY • 23rd

MONDAY • 28th

TUESDAY • 29th

ROSH HASHANAH

WEDNESDAY • 30th

MONDAY

TUESDAY

WEDNESDAY

1981 JANUARY 1981						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 FEBRUARY 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

1981 MARCH 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1981 APRIL 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 MAY 1981						
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1981 JUNE 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		



# 1981

THURSDAY • 3rd

FRIDAY • 4th MSR 4 G  
on steel & M-4A, MSR 4  
in 105. MSR 2 same  
way. O.K. per CRB &  
Martin H.

SATURDAY • 5th

SUNDAY •

2MV373-3 Black film  
on ID SS. pipe OK per CRB  
per JCS. black at distance  
clear when viewed

THURSDAY • 10th

FRIDAY • 11th straight on

SATURDAY • 12th

SUNDAY •

THURSDAY • 17th

FRIDAY • 18th

SATURDAY • 19th

SUNDAY •

THURSDAY • 24th Repair  
(inside)  
6' up in pipe (6") grind  
only Mark access. NOT  
acc. and sign visual.  
per CRB. INI 162-27  
can't see surface

FRIDAY • 25th

SATURDAY • 26th

SUNDAY •

THURSDAY

FRIDAY

SATURDAY

SUNDAY

1981 JULY 1981  
S M T W T F S  
1 2 3 4  
5 6 7 8 9 10 11  
12 13 14 15 16 17 18  
19 20 21 22 23 24 25  
26 27 28 29 30 31

1981 AUGUST 1981  
S M T W T F S  
1  
2 3 4 5 6 7 8  
9 10 11 12 13 14 15  
16 17 18 19 20 21 22  
23 24 25 26 27 28 29

1981 SEPTEMBER 1981  
S M T W T F S  
1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30

1981 OCTOBER 1981  
S M T W T F S  
1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28 29 30 31

1981 NOVEMBER 1981  
S M T W T F S  
1 2 3 4 5 6 7  
8 9 10 11 12 13 14  
15 16 17 18 19 20 21  
22 23 24 25 26 27 28  
29 30

1981 DECEMBER 1981  
S M T W T F S  
1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31



October

MONDAY • 5th

TUESDAY • 6th

WEDNESDAY • 7th

ILD 12-3 Q1A13,028  
 excess pen fault measure  
 sharp edges on root  
 OK. UCG 924-81 P JRB today  
 C.R.B. says remove tags so  
 with first inspectors  
 judgement.

MONDAY • 12th

COLUMBUS DAY

TUESDAY • 13th

WEDNESDAY • 14th

MONDAY • 19th

TUESDAY • 20th

WEDNESDAY • 21st



all weld  
 100% NDE

tacked here  
 washers

MONDAY • 26th P-135, P-139  
 Backing plates tacked  
 to back side of plate not  
 in joint. NDE for  
 tack welds.

None per R. Blackwell  
 Not on drawing OK.  
 C.R.B.

TUESDAY • 27th

WEDNESDAY • 28th

MONDAY

TUESDAY

WEDNESDAY

1981 JANUARY 1981						
S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 FEBRUARY 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

1981 MARCH 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1981 APRIL 1981						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1981 MAY 1981						
S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1981 JUNE 1981						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# 1981

THURSDAY • 1st <i>3</i>	FRIDAY • 2nd	SATURDAY • 3rd	SUNDAY • 4th
THURSDAY • 8th YOM KIPPUR	FRIDAY • 9th	SATURDAY • 10th	SUNDAY • 11th
THURSDAY • 15th	FRIDAY • 16th <i>Gym 5 ✓</i>	SATURDAY • 17th	SUNDAY • 18th
THURSDAY • 22nd	FRIDAY • 23rd <i>Backlog Strip on hanger I-R-CF-1568.CI. F ? by Kirk. Nothing on Met. allocation as to type required. Not covered by procedure. OK. Per CRB.</i>	SATURDAY • 24th	SUNDAY • 25th
THURSDAY • 29th	FRIDAY • 30th <i>dd</i>	SATURDAY • 31st HALLOWEEN <i>dd</i>	
THURSDAY	FRIDAY	SATURDAY	SUNDAY

1981 JULY 1981	1981 AUGUST 1981	1981 SEPTEMBER 1981	1981 OCTOBER 1981	1981 NOVEMBER 1981	1981 DECEMBER 1981
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1	1 2 3 4 5	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5
5 6 7 8 9 10 11	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12
12 13 14 15 16 17 18	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19
19 20 21 22 23 24 25	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26
26 27 28 29 30 31	23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31	29 30	27 28 29 30 31

# November

I up BB104-57. Iso.  
 does not have item no,  
 for pipe. OK (RB  
 Give back to craft for  
 correction

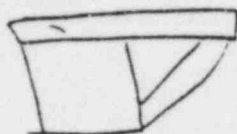


MONDAY • 2nd fish-eye  
 in root, Ransom S. NCIed  
 Charles said no problem  
 Ransom took this joint  
 off NCI. 2 KF 134-7  
 welding around end  
 of gusset then grinding  
 off OK. (RB.

TUESDAY • 3rd  
 ELECTION DAY

WEDNESDAY • 4th

MONDAY • 9th



← ground off

TUESDAY • 10th

WEDNESDAY • 11th

VETERANS DAY

dd  
 W-52

MONDAY • 16th

TUESDAY • 17th

WEDNESDAY • 18th

MONDAY • 23rd

TUESDAY • 24th

WEDNESDAY • 25th

MONDAY • 30th

MONDAY

TUESDAY

WEDNESDAY

1981 JANUARY 1981						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1981 FEBRUARY 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

1981 MARCH 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1981 APRIL 1981						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

1981 MAY 1981						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1981 JUNE 1981						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

# 1981

			SUNDAY •
THURSDAY • 5th	FRIDAY • 6th	SATURDAY • 7th	SUNDAY •
THURSDAY • 12th <i>dd</i>	FRIDAY • 13th <i>dd</i>	SATURDAY • 14th <i>dd</i>	SUNDAY • 1
THURSDAY • 19th "G" frame <i>3/4 cutout (slot)</i> <i>weld OK per CRB</i> <i>if it is within inch</i> <i>of top of beam. Not</i> <i>Necessary to weld to top of</i> <i>cut.</i>	FRIDAY • 20th	SATURDAY • 21st	SUNDAY • 2
THURSDAY • 26th THANKSGIVING DAY	FRIDAY • 27th	SATURDAY • 28th <i>end</i> <i>start back</i> <i>Dec 14</i>	SUNDAY • 2
THURSDAY	FRIDAY	SATURDAY	SUNDAY

<b>1981 JULY 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>1981 AUGUST 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	<b>1981 SEPTEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>1981 OCTOBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>1981 NOVEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>1981 DECEMBER 1981</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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December

	TUESDAY • 1st	WEDNESDAY • 2nd Q-13, 053 resolution inaccurate notation held was eventually cut-out due to damage change but resolution is still?
MONDAY • 7th	TUESDAY • 8th	WEDNESDAY • 9th
MONDAY • 14th	TUESDAY • 15th	WEDNESDAY • 16th
MONDAY • 21st O.K. per C.R. BARNUM to sign everything on M-21A without signing black 15 (welding material) just leave it blank and sign everything else off RT#2 Hershel Brewer	TUESDAY • 22nd	WEDNESDAY • 23rd
MONDAY • 28th	TUESDAY • 29th	WEDNESDAY • 30th
MONDAY	TUESDAY	WEDNESDAY

1981	JANUARY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31		

1981	FEBRUARY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28		

1981	MARCH	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31		

1981	APRIL	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981	MAY	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

1981	JUNE	1981
S	M	T
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30



S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28 29 30

4

Left at 2:45 p.m.

Informed Joe  
 of problems with  
 R-2A, NCI  
 process. Joe  
 M. S. S. S. S.  
 re: R-2A, Q.A.  
 by Art

October 1982  
 S M T W T F S  
 3 4 5 6 7 8 9  
 10 11 12 13 14 15 16  
 17 18 19 20 21 22 23  
 24 25 26 27 28 29 30  
 31

December 1982  
 S M T W T F S  
 5 6 7 8 9 10 11  
 12 13 14 15 16 17 18  
 19 20 21 22 23 24 25  
 26 27 28 29 30 31

308 Thursday, November 4 057

December 1982  
 S M T W T F S  
 5 6 7 8 9 10 11  
 12 13 14 15 16 17 18  
 19 20 21 22 23 24 25  
 26 27 28 29 30 31

22

~~Chosen~~

Violates L-341 Skewed joint-venture  
 in the  
 interpretation  
 as a single  
 members not  
 on national  
 Member. All.

JANUARY 1982 #12

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT. SUN
THINGS TO DO:			Bob, checks	<del>New Year's Day</del>	2
4	5	6	7 LRD says I don't trust him I should find other job. (after I told him I'd no support.) Talked to Mr. Quesada	8	9
11	12	13	14	15	10
18	19	20	21	22	16
25	26	27	28	29	17
					23
					24
					30
					31
NOTES:			Thermostat watch: Each degree above 70°F can add 5% to heating costs		

APRIL 1982

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT-SUN
THINGS TO DO:			1	2	3
					4 Palm Sunday
5	6	7	8 Passover	9 Good Friday	10
					11 Easter Sunday
12	13	14	15	16	17
<p>evaluation of very retaliatory. some state - on's under told Art asked what recourse was available to us (no recourse.)</p> <p>Adm 5-30-81</p>				<p>125.00 cyl. \$145.00 cont. \$86.00</p>	18
19	20	21	22	23	24
					25
26	27	28	29	30	
NOTES:			A fluorescent lamp gives 5 times the light as an incandescent bulb with the same wattage		

**JUNE 1982**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT-SUN
	1	asked for guidelines for retaliation against inspectors or supervisors. Asked for course of action on my evaluation which I considered retaliatory. asked for Duke and NRC policy on protection against retaliation.		4	5
					6
7	8	9	10	11	12
					13
14 Flag Day	15	16	17	18	19
					20 Father's Day
21	22	23	24	25	26
					27
28	29	30	THINGS TO DO:		
<div>NOTES:</div> <div> <p>A one-quarter inch crack under your door will cause as much air infiltration and heat loss as a 9-inch square hole in your wall.</p> </div>					

AUGUST 1982

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT-SUN
THINGS TO DO:					
					1
2	3	4	5	6	7 (repair work)
				Larry talked to Green on 8/13 re: KSP on King's points. I told him I did not feel exp- marked. He said support was on this side for a paper for this, but Duke doesn't also told Larry that recourse on problems had occurred that was under the gun, a - 15. I felt like it. I had a behartered.	8
9	10	11	12	13	14
15	16	17	18	19	20
					21
					22
23	24	25	26	27	28
					29
30	31	NOTES: Duke's goal is to reduce the growth of winter peak demand by 5,635,000 kilowatts and summer peak demand by 4,508,000 kilowatts by 1994 -- a potential savings of more than \$10 billion in investment in new plants			



# DECEMBER 1982

MONDAY TUESDAY WEDNESDAY			THURSDAY	FRIDAY	SAT SUN
THINGS TO DO:			2	3	4
					5
6	7	8	9	10	11 Hanukkah
					12
13	14	15	16	17 DD	18 DD
					19
20	21	22	23	24	25 Christmas
					26
27	28	29	30	31	
NOTES:			A fireplace without heat recovery accessories can waste more energy than it saves. Up to 90% of the heat may go up the chimney.		