



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1450 MARIA LANE, SUITE 210
 KALNUT CREEK, CALIFORNIA 94596

NOV 9 1983



Dear _____

SUBJECT: ALLEGATION TRACKING SYSTEM NO. RV-83-A-0055

This refers to your telephone call on November 8, 1983, in which you expressed concerns related to PG&Es alleged negligence in providing an adequate response to flooding, identified and reported by you and other guards, in the pipe tunnel at Diablo Canyon Unit 1.

An enclosure to this letter documents your concern as I understand it based on our conversation. We have initiated an inquiry regarding this matter, therefore, if the enclosure does not completely and accurately reflect all of your concerns, please contact me collect as soon as possible at (415) 943-3700 so that we can assure that they are adequately addressed during our inquiry. If you should call and I am not available, please leave a message so that I can return your call.

Regarding your request for confidentiality, let me assure you that we will make every attempt to handle this matter in such a way as to maintain your anonymity. In this respect, I would like to point out that licensees sometimes correctly guess the identity of the individual providing information to us. In such cases our policy is to neither confirm or deny the accuracy of their guess.

In closing, we appreciate your bringing your concerns to our attention. If you have additional questions, or if I can be of further assistance in this matter, please do not hesitate to contact me.

Sincerely,

D. F. Kirsch, Chief
 Reactor Projects Section 3

Enclosure:
 Statement of Concerns

Information in this record was deleted
 in accordance with the Freedom of Information
 Act, exemptions b1, 7C
 FOIA 84-21

X-20

UNRECORDED

19

8802260065 880223
 PDR FOIA PDR
 GARDEB4-21

Statement of Concern

A guard with Pinkerton reported that the 55' level of the auxiliary building was reported, by three different guards, to be flooding between 6:45 p.m. and midnight on November 7, 1983. The guards made their reports to a standard reporting telephone. The reporting guard alleges that PG&E was negligent in their response to the reports in that PG&E took no action to stop the flooding, remove the water, or sample the water to see if the water contained chemicals which would be detrimental to piping materials in the tunnel or check for radioactivity.

RECEIVING OFFICE

1. Facility(ies) involved:
(If more than 2, or if generic, write GENERIC)

(Name) Diablo Canyon Units 1 & 2

Docket Number (if applicable)

0	5	0	0	0	2	7	5
0	5	0	0	0	3	2	3

2. Functional Area(s) Involved:
(Check appropriate box(es))

operations
 construction
 safeguards
 other (Specify) _____
 onsite health and safety
 offsite health and safety
 emergency preparedness

3. Description:
(Limit to 100 characters)

Various allegations regard
ing piping and structural
supports

4. Source of Allegation:
(Check appropriate box)

contractor employee
 licensee employee
 NRC employee
 organization (Specify) _____
 other (Specify) confidential source (via Dr. H. Myers)
 security guard
 news media
 private citizen

5. Date Allegation Received:

MM DD YY

1	1	2	3	8	3
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6. Name of Individual Receiving Allegation:

(First two initials and last name) T. W. Bishop

7. Office:

		R	V
--	--	---	---

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name) D. F. Kirsch

9. FTS Telephone Number:

4	6	3	-	3	7	2	3
---	---	---	---	---	---	---	---

10. Status:
(Check one)

Open, if followup actions are pending or in progress
 Closed, if followup actions are completed

11. Date Closed:

MM DD YY

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11.1 Document Nos. W-1

12. Remarks:
(Limit to 50 characters)

12.1 Man-hours/Date
13. Allegation Number:

Office Year Number

		R	V	-	B	3	-	A	-	0	0	6	3
--	--	---	---	---	---	---	---	---	---	---	---	---	---

 26

Problem Statement

Allegation # (s): 91

ATS No. (s): RV 83A063

BN (s):

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

<u>Allegation#</u>	<u>Verbatim Statement or Reference</u>
91	see attached pages

Commentary

Date This Statement was Completed 3-16-84

AF Carter
Technical Reviewer Signature

avoid a lesser job IN ERROR. (CCS)

CC8

In July I volunteered for night quick fix work. I was one of two such engineers working on Unit 2. Additionally, I was responsible for snubber substitutions at night in both units, and the intake structure which serves both Unit 1 and Unit 2. One night, the Pullman hanger engineer at intake called for help. When I arrived I learned that while drilling holes to install anchor bolts in the concrete walls, the crews inexplicably had ^{ENCOUNTERED} ~~found~~ two pieces of wood. The construction night shift mechanical lead reviewed the matter with me, as did the Foley lead engineer and a Bechtel production superintendent. The concrete appeared to have lacked sufficient cement in the mix, because it was soft and powdery, as if it had too much sand. The wood was visible. Foley was responsible for removing the wood. I ^{PROPOSED} ~~prepared~~ to replace the anchor bolts with thru-bolts, which do not rely ^(CCS) ~~on~~ on the concrete for pullout restraint. To support this quick fix modification, as a precondition I required Pullman to write a Deficiency Report (DR) on the wood and concrete. JULY

A Foley crew then removed only one of the two pieces of wood and grouted the hole. To my knowledge, the second piece is still there. I am not sure of the DR's disposition, but discussions on-site centered on the discovery of numerous deficient concrete pours ^{AT THE INTAKE STRUCTURE. (CCS)}. I am not aware of the solutions, if any.

In August, 1983, I learned that coverups about defective materials may have occurred. An engineer from Pullman Power, ^(CCS) ~~which both sold and installed pipe and pipe supports,~~ ^{THE PIPE VENDOR AND INSTALLER (CCS)} told me of problems with a ^{LARGE (CCS)} cargo "springcan" -- the U-shaped member attachment bracket ^{BACKET} ~~bracket~~ on a 20 inch line. The springcan had to support an extremely heavy load, probably over 50,000 pounds. The engineer told me that there were some symptoms of excessive punching on the ^{BACKET} ~~bracket~~, which had become deformed and concave. ^(CCS)

CC8

(ccs)

WHAT APPEARED TO BE A METALLIC

CCB
Branched
Supply

He ~~also~~ had ~~the~~ coating removed, which revealed what appeared to be cracks of an unknown depth. As a result, the engineer had this piece and another ultrasonically and magnetically tested. Both pieces failed both tests. He then ordered two more pieces. On visual inspection they appeared identical to the first pieces, so he had the new springcans ^{BASKETS (ccs)} tested also. Out of the two new pieces, one failed for a net 75% failure rate on these random samples.

(ccs)

LEARNED

Unfortunately, the engineer's supervisors ~~learned~~ what he was up to. They told him to stop, reassigned him to another job and replaced him with another engineer who followed instructions and limited himself to visual examinations on the subsequent replacements. Around the time of the transfer, the engineer showed me the hanger and the four pieces in question. The cracks were there, just as he had described, along with evidence of deformities and multiple punching.

W.H.O.

(ccs)

(ccs)

My success in obtaining a Discrepancy Report for the intake concrete was somewhat of a coup. During initial QA training, we were told that any engineer could write Discrepancy Reports if we found something wrong after QC had finished. DR's are the engineering equivalent to Nonconformance Reports. A Design Change Notice ^{(DCN) (ccs)} ~~is~~ is the formal document for engineers to initiate modification in response to QC inspections. To my knowledge, however, no pipe stress ^{OR} support engineer besides myself wrote a DR or a Design Change Notice during my employment. In fact, we were not even familiar with the form to use. However, Foley and Pullman regularly prepared these documents.

At the end of the summer, I realized the necessity to write DR's on several major problems which I had been raising to management without success. The flaws were generic and applied

CCB



nps industries. inc.

one harmon plaza
secaucus, new jersey 07094
201-865-6550 telex 14-1435

August 24, 1983
NPSI-01-3505

Pullman Power Products
c/o Pacific Gas & Electric Company
Diablo Canyon Nuclear Power Plant
7 Miles North of
Avila Beach, California 93424

Attention: Mr. Pat Malloy

Subject: BBD Hole Finishes

Gentlemen:

This is to confirm the response given verbally to you relative to the reported condition of the hole finishes on BBD-4, 16, 18's.

As a result of the punching operation used to make the holes in the BBD's, the I.D. of the hole will not be a smooth surface and may have one or more circumferential ridges. This condition does not affect the functionability or load carrying capacity of the product and is considered acceptable.

Please contact us if we can be of any further assistance.

Very truly yours,

NPS INDUSTRIES, INC.

R. P. Deubler
Director of Engineering

RPD:dmp

cc: T. Opet - Bechtel
M. Michaels - PG&E
J. Stapleton - NPSI
L. Keairns - NPSI
A. Halamay - NPSI

RECEIVED
AUG 31 1983

PULLMAN POWER PRODUCTS
AVILA BEACH, CA

RECEIVING OFFICE

1. Facility(ies) Involved:
(If more than 3, or if generic, write GENERIC)

(Name)
Diablo Canyon Units 1 & 2

Docket Number (If applicable)

0	5	0	0	0	2	7	5
0	5	0	0	0	3	2	3

2. Functional Area(s) Involved:
(Check appropriate boxes)

operations
 construction
 safeguards
 other (Specify) _____

onsite health and safety
 offsite health and safety
 emergency preparedness

3. Description:
(Limit to 100 characters)

various allegations regard
ding piping and structural
/ supports

4. Source of Allegation:
(Check appropriate box)

contractor employee
 licensee employee
 NRC employee
 organization (Specify) _____
 other (Specify) confidential source

security guard
 news media (affidavit)
 private citizen

This is the Charles Stokes allegation
(affidavit).
J.H. 3/12/03
via Dr. H. Myers

5. Date Allegation Received:

MM DD YY
1 1 23 03

6. Name of Individual Receiving Allegation:

(First two initials and last name) T. W. Bishop

7. Office:

RV

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name) D. F. Kirsch

9. FTS Telephone Number:

4 6 3 - 3 7 2 3

10. Status:
(Check one)

Open, if followup action is pending or in progress
 Closed, if followup actions are completed

11. Date Closed:

MM DD YY

11.1 Document Nos. W-2

12. Remarks:
(Limit to 80 characters)

12.1 Man-hours/Date
13. Allegation Number:

Office Year Number
 - -

Problem Statement

Allegation #(s): 92 and 93

ATS No.(s): RVB3A063

RN(s): N/A

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Problem Statements (use extra sheets as necessary)

Allegation#

Verbatim Statement or Reference

92

Flare bevel welds are undersized and do not comply with AWS code dihedral angle requirements.

93

Flare bevel welds were inadequately depicted on construction drawings.

Commentary

The characterization of allegations Nos. 92 and 93 are inconsistent with the allegation description of the attached allegation data form (RVB3A063). This inconsistency is because allegations Nos. 92 and 93 are part of the Charles Stokes' affidavit (dated November 16, 1983). This affidavit was confidentially forwarded to the NRC by Dr. H. Meyers on November 23, 1983. See attached references from the Charles Stokes affidavit.

Date This Statement was Completed 3/12/84

George A. Brandy
Technical Reviewer Signature

the characterization of
Additionally, Allegation No. 92 has been modified slightly to address the expressed concern regarding ~~violations of~~ flare bevel welds which do not comply with AWS Code dihedral angle requirements.

Task: Allegation # 87

ATS. No.

Characterization: Calculations related to "Coke-break" design problems were destroyed.

Initial Assessment of Significance:

Source: Confidential (11/83) via Dr. H. Meyers.

Approach to Resolution: (1) Make preliminary assessment of such activity (destroying of codes)

Status: (2) Interview Allegor as initial step.

Review Lead: (3) Work with and assess based upon results of allegations 82, 83 & 84 and observations relating to these.

Support:

Support:

Estimated Resources:

OF.
6-M-hrs -

Estimated Completion:

~~6-M~~

W-3

Task: Allegation # **88**

ATS. No.

Characterization: **Because of "code-break" design problems, undocumented modifications were made in the plant.**

Initial Assessment of Significance:

Source: **Confidential Source (11/03) via Dr H. Meyers**

Approach to Resolution:

Status:

Review Lead:

Support:

Support:

Estimated Resources:

Estimated Completion:

- (1) Interview source to have term ~~assumption~~ "gap assumptions" clarified as well as management decision to use new assumptions.
 - (2) What is the 52-page document referred to as recently disclosed? (from interview)
 - (3) As basis for claim of undocumented modifications the use of new assumptions which are not documented? (from interview of source)
 - (4) Examine As-built drawings for conformance of support locations
- 10 M-HRS

W-4

Task: Allegation # 75

ATS. No. RV 83A063

Characterization: Discharge piping is too close to an accumulator

Initial Assessment of Significance:

Source: Confidential (11/83) (Via Dr. H. Myers)

Approach to Resolution:

Status:

Review Lead:

Support:

Support:

Estimated Resources:

Estimated Completion:

W-5

28.

Discus/dic
w/DFK

83-30

read open emp.

1. Syst Interfac - before fuel load late report to RU
6 mos. later - have to see do mods - ck w/ later
H.D. - we will ident / ACTIONS re NRC question

2. Evac. plan - discussed 10/83 test; people not moved
did take into account seismic event; signs not
seriously qualified, can't hear siren (Swan)

3. Shifts - Full security 30 day prior to F.G. - 7000
workers. 1 sabotage event & bomb threats. security
should have been kept

4. Allegations - many come to attention/NRC anonymously
frustrating; fearful of jobs; COA process
worker (Tennison) didn't encourage workers to come
forward when hot seat

5. Fuel load before everything done: 10/3 10/24/83 meaning
as design OK - don't make sense

(8)

FOIA-84-21

X-1 21

Fenny - Kirsch

(511) 980

On the [REDACTED]

Allegation NWSA - 0052, I reviewed completed NCE for individuals:

NCE # 5477-185 and PEY 1 - for Anchor installation drill bit will rebar and possible damage. Engineering Disposition Request 1300 found rebar still acceptable.

NCE # 5477-189 - for Anchor installation drill bit floor rebar. Engineering evaluation found that 70% of strength of rebar retained was acceptable.

NCE # 5477-234 - No QC on Bolt installation - There was QC on tightening which for this type of anchor assure satisfactory anchor. Engineering evaluated

REGION VII

1983 DEC 22 PM 4:12

RECEIVED NRC

V.9 95

10422-

10422-309 - Underage welds,
Holes in beam and
another underage weld.
On first underage weld. Initial
QC inspection

QC not accepted as is per
specification

10422-340 - Two welds
found to be
dispositioned by
welding procedure
approved by ASBUILT,
and accepted.

10422-341 - Two welds
on drawing - QC inspected.
Engineering reviewed & evaluated.
Inspected & accepted as is

10422-364 - Dimensional
tolerances and weld lengths not
on drawing. OPEG did engineering
evaluation. Site memo to Field 0453
and accepted. ASBUILT. Also NPEC (memo)
dated 0453.

PICK # 5422-369 - Not used
minimum Anchor Spacing and
spacing tolerance. Accepted
as in A. Engineering
evaluation.

Summary

I didn't want to do
the report or about
the same. I don't want
to do it.

Justified by the
purpose the attached
for monthly.

ALP

...

For monthly report

Investigation following

Investigation on re. 2V-8
subject was an individual who
had knowledge of
subject's activities as
mentioned in subject's
reports. Reports of the
subject prepared by this individual
were not adequately written
and that there had been some
and that no such reports
in the inspection report (see
227/63-36). As follows:
inspector reviewed the
completed problem report
of this individual. The report

found that these public
reports were acceptably
addressed. That is, the
conclusive actions include
acceptable engineering practice
and procedural and procedural
qualification where required
in connection with allegations

to be made

Not confidential

Allegation No 63

- Allegor feels the use of EDRs (like EDR # {8938}) is too unofficial
- Foley also used telephone records to document official decisions - feels this is improper - this was done up until March 1983.
- EDR {8938} was signed off by {Zacharia} and initialed by {Don Rockwell (DHR)}
- Allegor, when asked, does not know why the "8" of EDR {8938} was hand written while the rest of the numbers were printed. (Now, he says, they are all hand written).

N.B. →

Allegation No. 64

- The Fire control / Deluge circuits were not, and are now, Class I - These have irregularities

NB

- Allegor says records show that the same "strength report" was used for two different types of grout.
- Suggests we check strength reports over time, randomly, so we don't draw specific attention to the allegor.
- Allegor doesn't know if any NCR's were written on this issue.
- [redacted] works for [redacted]
- [redacted] "makes up" the grout samples. [redacted] himself feels this is 'not right'.
- Allegor doesn't know where grout was used.
- When asked, allegor did not know if previous signatures were ok (eg. [redacted]), but says he's seen it before and it seems to be accepted.

X-3

Questions

1. Do the current document review effort under your supervision and, if not, who is in charge of this effort? ^{02 District} Yes ^{8 1928}
 GMA: BOLING, CAROL RODINI, DON SHAUGHNESSY were involved. ^{02 in the area}
 all records of QA insp from 9/81 to present. ^{1982 -> Admin review of these records.}
 Flus 1 -> cont drops pgs to cabinet 20pgs

2. Describe your involvement in the current document review effort. ^{as with OARS for review.}
 QA has not had suff. people, audit program was stopped in 3rd q/83 and began again in Sept 83. Original stoppage was 90 days.

3. Are you aware of any deficiencies in the pre-September 1981 Foley records which could render the quality of field work so questionable or indeterminate? ^{NO}
^{NO more than any other so inspection records.}

4. In your opinion, is the quality of the post-September 1981 record review acceptable; if not, what more should be done and if so what? ^{Administrative Review is S&P}
 Technical Review is unbroken

5. Are you aware of any quality problems regarding the Foley procurement process and documentation, considering also the Foley approved suppliers list? ^{Yes}
^{1980-1981 audit of procurement process and documentation.}
^{audit of approved supplier list.}
^{had no approval for supplier list.}
 a. How did Foley go about establishing the approved suppliers list?
 b. Has the P&E performed any audits of the approved suppliers list? If yes, have all findings been fully and acceptably resolved

1962
a Following audit by ASSE HQ G.A.S. the value given in F.W. officially

9. Are you aware of any non-color coded black cable which has been used in safety related circuits and, if so, where is this cable installed? heard about this but didn't take any action on this hearing info.
- a. Are you aware of any problems regarding the quality certifications of this black cable?
10. To the best of your knowledge, are the pre-September 1981 records all in order and in accordance with 10CFR 50, Appendix B? Doesn't know
11. Have you been intimidated or threatened with retaliation caused by your identification of quality related problems? If so, by whom and what were the circumstances.
10CFR 21 LTR. YES
12. Are you aware of any IR's which document problems which should have been recorded on NCR's?
Yes, may have been. Can't remember any particular items.
13. Any other problems - practice of scrubbing existing records with little guidance and no management review & approval.

6. Have all Foley records regarding Field Change Orders ^{needed to be} been closed and are these fully acceptable? ^{Don't know.}

a. Do you know of any Field change Order inspections which were not performed or acceptably documented, and if so, describe these?
 ^{may have happened because FCOS were not given to QC for a certain time period and therefore were probably not inspected.}

b. Do any field change orders include quality documentation and, to your knowledge, is this documentation fully acceptable?
 ^{may be possible that some do not contain inspection documentation.}

c. Have Field Change Orders been reviewed by Foley document turnover analysts?
 ^{Don't know - Will be reviewed if they are per Sept 8.}

7. Are all Foley records of electrical modifications closed and are these fully acceptable? ^{Don't know.}
 ^{one audit may have been done.}

a. Do you know of any electrical modification inspections which were not performed or acceptably documented? If so, please describe these. ^{not to his knowledge.}

8. Have DCNs been worked in the field without first having an approved work request? ^{not sure.}
 ^{an audit may have been done as part of internal prog audit}

Problem Statement

Allegation #(s): 75/76/77/78/79

ATS No.(s): RV83A063

EN(s):

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Problem Statements (use extra sheets as necessary)

Allegation#

Verbatim Statement or Reference

75

allegations ^{75/76/77} apply to Diablo Canyon Unit 1
The condenser 1-2 discharge piping is routed to close to an adjacent operator ^{walk} support. This could cause contact and failure under certain conditions.

76

U-bolts used as pipe supports have failed due to excessive loading caused by the thermal expansion of pipes

Commentary

This picture folder represents the original allegation. The statements above are my statements of said allegations. Marked to us by Dr. H. M. Yost who received them from [redacted] about November 85.

Date This Statement was Completed 3-20-83

Ad Carter
Technical Reviewer Signature

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions b7C
FOIA 84-21

~~84-21~~
1/27-85

Problem Statement Continuation Sheet

77

Steel plate valve support structure is bent

78

A Unit 2 Drain line support bracket is bolted to the floor with only one anchor bolt.

79

Engineers are calculating stresses in piping in a variety of ways.

Allegation Nos. 77-79

2 of 2

FILE COPY

Task: Allegation or Concern No. 74

ATS No.: RV83A062

BN No.

Characterization

Defective pipe hangers. (See Task Allegation or Concern 91)

Action Required

No further action required on this allegation - refer to SSER 21

Task: Allegation or Concern No. 75

ATS No.: RV8JA063

BN No.: N/A

Characterization

The concern expressed was that the accumulator 1-2 discharge piping was routed too close to an adjacent operator valve support.

Action Required

No further action required on this allegation - refer to SSER 21

Task: Allegation or Concern No. 76

FILE COPY

ATS No: RV-83-A-0063

BN No: N/A

Characterization:

U-bolts have failed as evidenced by photographs of a deformed U-bolt supplied by the allegor.

Action Required

No further action required on this allegation - refer to SSER 21.

Task: Allegation or Concern No. 77

FILE COPY

ATS No.: RV83A063

BN No.: N/A

Characterization

Steel plate valve support structure is bent, as evidenced by a photograph supplied by the allegor.

Action Required

No further action required on this allegation - refer to SSER 21

FILE COPY

Task: Allegation or Concern No. 78

ATS No: RV-83-A-063

BN No: N/A

Characterization:

Drain line support bracket bolted to the floor with only one anchor bolt in Unit 2 as evidenced by photograph supplied by the alleger.

Action Required

No further action required on this allegation - refer to SSER 21.

Task: Allegation or Concern No. 79

FILE COPY

ATS No.: RV 83A063

BN No.:

Characterization

Engineers are calculating stresses in piping in a variety of ways.

Action Required

Information to be supplied by NRR.

RECEIVING OFFICE

Docket Number (if applicable)

1. Facility(ies) involved:

(If more than 3, or if generic, write GENERIC)

(Name)

Diablo Canyon Units 1 & 2

050 00275
050 00323

2. Functional Area(s) Involved:

(Check appropriate boxes)

operations
 construction
 safeguards
 other (Specify)

operations
construction
safeguards
other (Specify)

onsite health and safety
 offsite health and safety
 emergency preparedness

onsite health and safety
offsite health and safety
emergency preparedness

3. Description:

(Limit to 100 characters)

VARIOUS ALLEGATIONS REGARDING PIPING AND STRUCTURAL SUPPORTS

4. Source of Allegation:

(Check appropriate box)

contractor employee
 licensee employee
 NRC employee
 organization (Specify)
 other (Specify)

contractor employee
licensee employee
NRC employee
organization (Specify)

security guard
 news media
 private citizen

security guard
news media
private citizen

other (Specify) confidential source (via Dr. H. Myers)

5. Date Allegation Received:

MM DD YY

11 23 03

6. Name of Individual Receiving Allegation:

(First two initials and last name)

T. W. Bishop

7. Office:

RV

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name)

D. F. Kirsch

9. FTS Telephone Number:

463-3723

10. Status:

(Check one)

Open
 Closed

Open, if followup actions are pending or in progress
Closed, if followup actions are completed

11. Date Closed:

MM DD YY

11.1 Document Nos.

11.1 Document Nos.

12. Remarks:

(Limit to 80 characters)

Remarks grid

12.1 Man-hours/Date

13. Allegation Number:

Office

Year

Number

RV-83-A-0063

Task: Allegation #10

ATS, No. NRR 83-04

BN 83-48 (4/4/83)

Characterization: Seismic tilting of containment.

Initial Assessment of Significance: Significant if found valid.

Source: Anonymous ([REDACTED])

Approach to Resolution:

- a) Review concern.
- b) Evaluate significance.
- c) Prepare staff position.
- d) Close out item.

Status:

- a) Review complete.
- b) Draft SER prepared.

Review Lead: NRR-DE-SGEB

Support:

Support:

Estimated Resources

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions b7c
FOIA 84-21

X-6
~~_____~~

Task: Allegation #11

ATS. No. NRR 83-04

Bn 83-48 (4/4/83)

Characterization: Classification of Platform (Category I vs Category II)

Initial Assessment of Significance: Could have system - Interaction safety significance.

Source: Anonymous 

Approach to Resolution:

- a) Review concern against FSAR review.
- b) Request additional information as necessary.
- c) Develop staff position and actions to be taken.
- d) Close out issue.

Status:

- a) Review complete.
- b) Draft SER prepared.

Review Lead: NRR-DSI-ASB

Support: NRR-DE-SGEB

Support:

Estimated Resources

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions b7C
FOIA- 84-21

Handwritten mark: a stylized 'X' with a '7' and a '9' next to it.

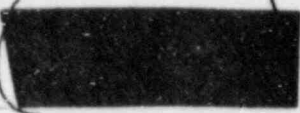
Task: Allegation #12

A.S. No. NRR 83-04

GN 83-48 (4/4/83)

Characterization: HELBA did not meet FDAR, R. G. 1.46.

Initial Assessment of Significance: High energy line breaks are a concern normally reviewed under FSAR review.

Source: Anonymous 

Approach to Resolution:

- a) Review concern against FSAR reviews.
- b) Get additional information and audit as required.
- c) Develop staff position and action required.
- d) Close out item.

Status:

- a) Review complete.
- b) Draft SER prepared.

Review Lead: NRR-DSI-ASB

Support:

Support:

Estimated Resources

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, 5 U.S.C. 552, b(7)C
FOIA 94-21

X-8
Draft

Task: Allegation #14

ATS. No. NRR 83-04

Bn 83-48 (4/4/83)

Characterization: Loads on Annulus Structural Steel not calculated properly.

Initial Assessment of Significance: Would be important however considerable review has been done in this area under Reverification program.

Source: Anonymous [REDACTED]

Approach to Resolution:

- a) Review concern against FSAR review and "Reverification program".
- b) Request information/audit as necessary.
- c) Develop staff position and actions required.
- d) Close issue.

Status:

- a) Review complete.
- b) Draft SER prepared.

Review Lead: NRR-DE-SGEB

Support:

Support:

Estimated Resources

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions b7C
FOIA- 84-21

X-9
~~6-17~~

Task: Allegation #15

ATS. No. NRR 83-04

BN 83-48 (4/4/83)

Characterization: Inadequate Tornado load analysis of Turbine Building.

Initial Assessment of Significance: Would be significant if safety system or components could be made ineffective.

Source: Anonymous 

Approach to Resolution:

- a) Review concern against FSAR review.
- b) Request information or audit as necessary.
- c) Develop staff position and action required.
- d) Close item.

Status:

- a) Review complete.
- b) Draft SER prepared.

Review Lead: NRR-SCEB

Support:

Support:

Estimated Resources

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions b1-7C
FOIA- 94-21

X-10
~~11~~

Task: Allegations #16

ATS. No. NRR 83-04

BN 83-48 (4/4/83)

Characterization: High energy pipe break restraints inadequate.

Initial Assessment of Significance: Important if valid.

Source: Anonymous 

Approach to Resolution:

- a) Review concern against FSAR review.
- b) Review against Reverification Program and IDVP.
- c) Obtaining information as required.
- d) Develop staff position and action required.
- e) Close issue.

Status:

- a) Review complete.
- b) Draft SER prepared.

Review Lead: NRR-DST-ASB

Support:

Support:

Estimated Resources

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions b1, b7C
FOIA- 84-21

X-11



Task: Allegation #17

ATS. No. NRR 83-04

BN 83-48 (4/4/83)

Characterization: NSSS SSE Loads inadequate.

Initial Assessment of Significance: Would be important if valid however Reverification has spent considerable effort in this area.

Source: Anonymous 

Approach to Resolution:

- a) Review concern against FSAR review.
- b) Review against "Reverification Program".
- c) Request additional information or audit as necessary.
- d) Develop staff positions and action required.
- e) Close issue.

Status:

- a) Review complete.
- b) Draft SER prepared.

Review Lead: NRR-DE-SGEB

Support:

Support:

Estimated Resources

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions b7C
FOIA - 84-21

X-12
~~U-11~~

Task: Allegation #48

ATS. No. RV 83A34

Characterization: Seismic Interaction Study

Initial Assessment of Significance: Unlikely that concern is significant since study has been completed although final report has not been issued. Report was not a license requirement.

Source: [REDACTED]

Approach to Resolution:

- a) Review concern.
- b) Review interim report submitted.
- c) Develop staff position on concern.
- d) Close out item.

Status:

- a) Interim Report was received October 13, 1983 prior to fuel load authorization.
- b) RRAB has report to give general review.

Review Lead: NRR-DST-RRAB

Support:

Support:

Estimated Resources: 2 man week RRAB

Estimated Completion:

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions b7C
FOIA 84-21

X-13
~~13~~

ALLEGATION DATA FORM

Instructions on reverse side

U.S. NUCLEAR REGULATORY COMMISSION

RECEIVING OFFICE

1. Facility(ies) Involved:

(If more than 3, or if generic, write GENERIC)

(Name)

DIABLO CANYON
UNITS 1 AND 2

Docket Number (If applicable)

	50			275
	93			323

2. Functional Area(s) Involved:

(Check appropriate boxes)

 operations
 construction
 safeguards
 other (Specify) _____

 onsite health and safety
 offsite health and safety
 emergency preparedness

3. Description:

(Limit to 100 characters)

SEE ATTACHED LIST
 REPRESENTATIVE OF VOICING
 NETWORKS. MOTHERS FOR
 PEACE POINTS OUT PROBLEMS

4. Source of Allegation:

(Check appropriate box)

 contractor employee
 licensee employee
 NRC employee
 organization (Specify) _____
 other (Specify) _____

 security guard
 news media
 private citizen

5. Date Allegation Received:

MM DD YY

09 07 83

6. Name of Individual Receiving Allegation:

(First two initials and last name)

PJ MCKRILL/T.W. BISHOP

7. Office:

RV

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name)

D.F. KIRSCH

9. FTS Telephone Number:

465-3733

10. Status:

(Check one)

 Open, if followup actions are pending or in progress
 Closed, if followup actions are completed

11. Date Closed:

MM DD YY

11.1 Document Nos. _____

12. Remarks:

(Limit to 50 characters)

12.1 Man-hours/Date 13. Allegation Number:

Office

Year

Number

RV-83-A-0034

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions FOIA-84-21

~~SECRET~~

X-14

Problem Statement

Allegation #(s): 47-52

ATS No.(s): RV83A34

BN(s):

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the alleger are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

Allegation

Verbatim Statement or Reference

These allegations were addressed in 99ER21 Region V, NRR, IE, NMSS, and OELD were involved in the closeout/inspection activities.

Commentary - .

The source of these allegations was a [redacted] [redacted] 9/83 discussion at lunch w/ Region II staff personnel....

Date This Statement was Completed 3-20-84

[Signature]
Technical Reviewer Signature

Task: Allegation or Concern No. 47

FILE COPY

ATS No: RV-83-A-34

BN No: N/A

Characterization:

The licensee has not provided a plant voice paging/announcing system at the Diablo Canyon plant. Diablo Canyon is unique in this regard, since staff's experience is that other plants have such a system. The Joint Intervenor, in meeting with the staff and PG&E on September 6, 1983, expressed the view PG&E had placed this item among others "on the back burner."

Action Required

No further action required on this allegation - refer to SSER 21.

Task: Allegation No. 48

FILECOPY

ATS. No.: RV 83A34

Characterization:

Status of Seismic Systems Interaction Study

Action Required

No further action required on this allegation - refer to SSER 21

Task: Allegation or Concern No. 49

FILE COPY

ATS No.: RV83A34

BN No. N/A

Characterization

The Mothers for Peace Representatives stated during an interview with NRC representatives that "Emergency Sirens are not seismic qualified."

Action Required

No further action required on this allegation - refer to SSER 21

FILE COPY

Task: Allegation or Concern No. 50

ATS No.: RV83A34

Characterization

The Allegation states that the security plan should have been maintained and that imposing security just thirty days prior to fuel load is inadequate when one considers that there were several thousand workers onsite, one actual sabotage event, and many bomb threats.

Action Required

No further action required on this allegation - refer to SSER 21

Task: Allegation or Concern No. 51

ATS No.: RV-83-A-0034

BN No.:

Characterization

In a September 7, 1983 meeting among representatives of the staff and the joint intervenors, the representative of the joint intervenors expressed concern that plant personnel are reluctant to come forward with safety concerns because their candor endangers their jobs and may subject them to public ridicule even if their allegations are true.

Action Required

No further action required on this allegation - refer to SSER 21

FILE COPY

Task: Allegation or Concern No. 52

ATS No.: RV 830034

BN No:

Characterization

In a September 7, 1983 meeting among representatives of the NRC, Licensee, State of California and the Joint Intervenors, the representatives of the Joint Intervenors stated that she was concerned that loading of fuel might be permitted before construction is completed and that permitting fuel loading before holding hearings on the safety of the facility is inappropriate.

Action Required

No further action required on this allegation - refer to SSER 21

[REDACTED]
September 7, 1983

1. Seismic Interaction Study

The safety of operations is not assured if fuel load and operation of the plant occur before the seismic interaction study and associated modifications are complete.

2. Emergency Planning

Emergency drills are not valid in that people are not actually evacuated and the existing emergency plans do not consider a simultaneous seismic event. [REDACTED] has not heard any sirens during tests, even though she lives within ten miles of the plant.

3. Plant Security

The security plan should have been maintained. Imposing security just thirty days prior to fuel load is inadequate when one considers that there were seven thousand workers on-site, one actual sabotage event, and many bomb threats.

4. Treatment of Allegers

Persons critical of Diablo Canyon are fearful of expressing their concerns in public or to the NRC because they may lose their jobs and because it puts them in the "hot-seat" (such as [REDACTED] at the recent hearings for the ASLAB for Construction Quality Assurance).

5. Construction Completion

Construction should be completed prior to fuel loading to ensure safety of operations. Similarly, the Design Quality Assurance hearings should be concluded prior to rescinding the license suspension.

Discus/disc
w/DFK

real op. exp.

[REDACTED]

1. Syst. Intercom - before fuel load late report to RV
6 mos. later - hate to see do mods - ck w/late
H.D. - we were silent / ACTIV w/ NRC question

2. Eval. plan - discussed 10/83 test; people not moved
data into account some event; signs not
seriously qualified, can't hear since [REDACTED]

3. Shifts - full security 30 day prior to F.L. - 7000
workers 1 sabotage event & bomb threats. some
[REDACTED] - been kept

4. Allegation - many come to union/NRC announcement
frustrating; fearful of jobs; COA cross exam.
worker [REDACTED] didn't encourage workers to come
forward when not seat

5. - fuel load before everything done: 10/8 10/25/83 meaning
on design QA - don't make sense

RECEIVING OFFICE

Facility(ies) involved:
(If more than 1, or if general, write GENERAL)

DABLO CANYON
UNITS 1 AND 2

Docket Number (if applicable)

	50		27
	50		30

2. Functional Area(s) involved:
(Check appropriate boxes)

<input type="checkbox"/>	operations	<input type="checkbox"/>	onsite health and safety
<input checked="" type="checkbox"/>	construction	<input type="checkbox"/>	offsite health and safety
<input type="checkbox"/>	safeguards	<input type="checkbox"/>	emergency preparedness
<input type="checkbox"/>	other (Specify) _____		

3. Description:
(Limit to 100 characters)

PITTING OF MAIN STEAM A
FEEDWATER SYSTEM PIPING
NOT REPAIRED OR DEALT W/

4. Source of Allegation:
(Check appropriate box)

<input type="checkbox"/>	contractor employee	<input type="checkbox"/>	security guard
<input type="checkbox"/>	licensee employee	<input type="checkbox"/>	news media
<input type="checkbox"/>	NRC employee	<input type="checkbox"/>	private citizen
<input checked="" type="checkbox"/>	organization (Specify) _____		
<input checked="" type="checkbox"/>	other (Specify) _____		

5. Date Allegation Received:

MM	DD	YY
09	07	83

6. Name of Individual Receiving Allegation:

(First two initials and last name) _____

7. Office:

RV

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name) D. KIRSCH

9. FTS Telephone Number:

463	-	3723
-----	---	------

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions b7C

10. Status:
(Check one)

<input type="checkbox"/>	Open, if followup actions are pending or in progress
<input type="checkbox"/>	Closed, if followup actions are completed

FOIA- 84-21

11. Date Closed:

MM	DD	YY

11.1 Document Nos. X-15

12. Remarks:
(Limit to 50 characters)

16

12.1 Man-hours/Date
13. Allegation Number:

Office	Year	Number
RV	83	15

THE HOWARD P. FOLEY COMPANY

NUMBER:

DO NOT DISCLOSE
Contains Identity of
Confidential Source

APPROVED BY

DATE:

REMOVED

UNIT I UNIT II /LOCATION Various

CLASS I NON-CLASS I

INSPECTION CRITERIA: DRAWING SPECIFICATION PROCEDURE

DOCUMENT TITLE AND NUMBER: Receiving, Handling & Storage, OCP-4, REV.

DESCRIPTION OF NONCONFORMANCE: (Including Cause)

Per OCP-4, REV. 7, Paragraph 4.2.14.1 which states in part... "steel bars, sh plates specifying quality requirements on the Purchase Order shall maintain ability by a Heat Number/Mark Log in Quality Control Receiving which shall reference Heat Numbers with the Purchase Order Number..." OCP-5A, Paragraph allows use of Heat Number or Purchase Order Number. When more than one Heat referenced on a Purchase Order for a given material configuration, it is not to use Heat Numbers and Purchase Order Numbers interchangeably without loss of traceability.

John & Mary 9-20-83
INITIATED BY DATE

[Signature]
Q.C. SUPERVISOR REVIEW

H.P. FOLEY DISPOSITION:

VOID

DISPOSITION BY

DATE

INFORMATION ON
QUALITY REVIEW

P.G. & E. DISPOSITION OR CONCURRENCE:

PLEASE READ
ACCOMPANYING MEMO
FROM PG DIRECTOR

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Confidential Source

(18)

(9 more pages)

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Confidential

83-46

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Confidential source

THE HOWARD P. FOLEY COMPANY
INTER-OFFICE COMMUNICATION

CONFIDENTIAL
Confidential source



(NCR 8702-922 R1)

Date 9/21/87

From R. Wilson

Pat,

You have identified a glitch in the procedure which could rob it
" movement to the owner to trace material based on documentation.
It is not a nonconformance in that there is no requirement to provide
traceability in that manner. The Heat number is transferred to each
piece of material and that in and of itself satisfied the requirement
for traceability. It would be nice to require the HS number on the
RIWS if it is possible in all cases (some material do not require heat
traceability). The paper vehicle to do this is a procedure change
request submitted to Steve Lyon in QA.

J R Walsh

Construction Phase - A period which commences with receipt of items at the construction site and ends when the components and systems are ready for turn-over to operations personnel.

Contaminants - Foreign materials such as mill scale, dirt, oil, chemicals, and any matter that renders a fluid, solid or surface impure and unclean according to preset standards of acceptable cleanliness.

Contractor - Any organization under contract for furnishing items or services. It includes the terms Vendor, Supplier, Subcontractor, Fabricator and similar levels of these where appropriate.

Defective Material - A material or component which has one or more characteristics that do not comply with specified requirements.

Deviation - A nonconformance or departure of a characteristic from specified requirements.

Documentation - Any written or pictorial information describing, defining, specifying, reporting or certifying activities, requirements, procedures, or results.

Examination - An element of inspection consisting of investigation of materials, components, supplies or services to determine conformance to those specified requirements which can be determined by such investigation. Examination is usually nondestructive and includes simple physical manipulation, gaging, and measurement.

Generating Station - A utility company complex, constructed and operated for the purpose of producing electric power.

Guidelines - Particular provisions which are considered good practice but which are not mandatory in programs intended to comply with this standard. The term "should" denotes a guideline; the term "shall" denotes a mandatory requirement.

Handling - An act of physically moving items by hand or mechanical means, but not including transport modes.

Inspector (State or Code) - A qualified inspector employed by a legally constituted agency of a Municipality or state of the United States, or Canadian Province, or regularly employed by an Authorized Inspection Agency and having authorized jurisdiction at the site of manufacture or installation.

Inspector (Owner's or Installer's) - A qualified inspector employed by the Owner or Installer whose duties include the verification of quality related activities or installations or both.

Inspection - A phase of quality control which by means of examination, observation or measurement determines the conformance of materials, supplies, components, parts, appurtenances, systems, processes or structures to predetermined quality requirements.

Item - Any level of unit assembly, including structure, system, subsystem, subassembly, component, part, or material.

Manufacturer - One who constructs any class of component, part, or appurtenance to meet prescribed design requirements.

Material - A substance or combination of substances forming components, parts, pieces, and equipment items. (Intended to include such as machinery, castings, liquids, formed steel shapes, aggregates, and cement.)

Modification - A planned change in plant design or operation and accomplished in accordance with the requirements and limitations of applicable codes, standards, specifications, licenses and predetermined safety restrictions.

Nonconformance - A deficiency in characteristic, documentation, or procedure which renders the quality of an item unacceptable or indeterminate. Examples of nonconformance include: physical defects, test failures, incorrect or inadequate documentation, or deviation from prescribed processing, inspection or test procedures.

Objective Evidence - Any statement of fact, information, or record, either quantitative or qualitative, pertaining to the quality of an item or service based on observations, measurements, or tests which can be verified.

Owner - The person, group, company or corporation who will have or has title to the facility or installation under construction.

Package - A wrapping or container including its contents of material or equipment.

Packaged Unit - An assembly of items and parts which can be disassembled without destroying the integrity of the individual parts.

Part - An item which has work performed on it and which is attached to and becomes part of a component before completion of the component.

Plant - The equipment, piping, structures, buildings and property that comprise an installation or facility.

Procedure - A document that specifies or describes how an activity is to be performed. It may include methods to be employed, equipment or materials to be used and sequence of operations.

ORIGINAL

THE HOWARD P. FOLEY COMPANY
NONCONFORMANCE REPORT

Page 1 of 1

NUMBER: 8
RR02-932

DESCRIPTION:
SUPER STRUT CLAMP DETAIL
DO NOT DISCLOSE
Contains identity of
Confidential source

ATTACHMENTS: DATE:
Yes No 9-23-83

HOLD TAG: N/A
REMOVED
BY: _____ DATE: _____

REF. WFF IR NUMBER: _____

UNIT I UNIT II /LOCATION CLASS I NON-CLASS

INSPECTION CRITERIA: DRAWING SPECIFICATION PROCEDURE

DOCUMENT TITLE AND NUMBER: CLAMPING DETAIL S18

DESCRIPTION OF NONCONFORMANCE: (Including Cause) Above referenced drawing spec. unistrut clamps, or equal, to be used on Class One supports. Super strut clamps present on supports throughout Units One and Two. Engineering is unable to provide a list of approved equals to be used in lieu of unistrut part numbers.

DO NOT DISCLOSE
Contains identity of
Confidential source

Robert X. Spitzer 9/27/83
INITIATED BY DATE

Philip J. Smith 9-28
Q.C. SUPERVISOR REVIEW DATE

H.P. FOLEY DISPOSITION: The owner has approved substitution of Unistrut, Superstrut and Power Strut in accordance with the Superstrut comparative figure chart.

VOID
10/5/83

2 R Wilson 10/5/83
DISPOSITION BY DATE

QUALITY REVIEW DATE

P.G. & E. DISPOSITION OR CONCURRENCE:

INFORMATION ONLY

P.G. & E. Co. DATE

DISPOSITION ACCOMPLISHED

INITIATED BY DATE

Q.C. SUPERVISOR DATE

DO NOT DISCLOSE
Contains identity of
Confidential source

FR-91 / M-11/411

ORIGINAL

THE E. P. FOLEY COMPANY
NONCONFORMANCE REPORT

FORM 1-7-1	NUMBER: 0000-010
ATTACHMENTS: 25 [X] 22 []	DATE: 10-3-83
FIELD TAG REMOVED	
BY _____	DATE _____

DESCRIPTION: [unclear] PART B/WAVE

REF. NFP-IR NUMBER: N/A

UNIT I UNIT II /LOCATION

CLASS NON-CLASS

INSPECTION CRITERIA: DRAWING SPECIFICATION PROCEDURE

DOCUMENT TITLE AND NUMBER: INITIATION OF WORK QCP-17 Rev 1

DESCRIPTION OF NONCONFORMANCE: (Including Cause) QCP-17 Rev 1 Paragraph 1d. (SCOP states... "Class One Electrical roadway support rework shall be handled in accordance with Appendix D". Appendix D Paragraph D2.2 states that "P.G.&E. will issue a "Work Request" for any support rework (i.e. modifications, deletions, additions, or complete replacement) and verification inspection." Contrary to this, "Conduit" change orders are being issued to cover "support" work. These conduit change orders do not reference any work request and do not fall within the scope of Appendix D. See Attached example, Conduit Change Order No. 4119.

[Signature]
INITIATED BY _____ DATE 10-0-83

[Signature]
Q.C. SUPERVISOR REVIEW _____ DATE 10-4-83

E.P. FOLEY DISPOSITION: ANSI N45.2.9 Defines a nonconformance as a deviation which results in a product (item) which is unacceptable, or in which the acceptability is indeterminate. This does not appear to be the case here. Resubmit this on a Request for Procedure Change and process through QA.

VOID
10/5/83

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Confidential source

DISPOSITION BY _____ DATE _____

[Signature]
QUALITY REVIEW _____ DATE 10/5/83

P.G. & E. DISPOSITION OR CONCURRENCE:

DO NOT DISCLOSE
Contains copy of
Confidential source

INFORMATION ONLY

DISPOSITION ACCOMPLISHED

INITIALS _____ DATE _____

Q.C. SUPERVISOR _____

10/10/83

NONCONFORMANCE REPORT

DESCRIPTION:

Class One Support Rework

ATTACHMENTS

DATE

Yes No

10-

DO NOT DISCLOSE
Contains identity of
Confidential source

HOLD TAG # N/A

REMOVED

BY _____ DA

REF. HPF/IR NUMBER: N/A

UNIT I UNIT LI /LOCATION Various

CLASS I N

INSPECTION CRITERIA: DRAWING SPECIFICATION PROCEDURE

DOCUMENT TITLE AND NUMBER:

Initiation of work - QCP-1

DESCRIPTION OF NONCONFORMANCE: (Including Cause)

QCP-17, REV. 1, Paragraph 1d. (Scope) states: "Class One Electrical Ra Support rework shall be handled in accordance with Appendix D." Append Paragraph D2.2 states that: "P.G. & E. will issue a 'work request' for support rework (i.e. modifications, deletions, additions or complete re ment) and verification inspection." Contrary to this, "Conduit" Change are being issued to cover "Support" work. These Conduit Change Orders reference any work request and do not fall within the scope of Appendix (CONTINUED ON PAGE 2)

[Signature] 10-5-23
INITIATED BY DATE

Q.C. SUPERVISOR REVIEW

H.P. FOLEY DISPOSITION:

THIS IS MY RESPONSE TO
THE NCR # 8802-939 WHICH WAS
VOIDED BY OUR P.C. DIRECTOR.

DO NOT DISCLOSE
Contains identity of
Confidential source

DISPOSITION BY _____ DATE _____

QUALITY REVIEW

P.G. & E. DISPOSITION OR CONCURRENCE:

DO NOT DISCLOSE
Contains identity of
Confidential source

P.G. & E. Co.

DISPOSITION ACCOMPLISHED

VERIFIED BY _____ DATE _____

Q.C. SUPERVISOR

NCR 7-18-83

THE HOWARD P. FOLEY COMPANY
NONCONFORMANCE REPORT - CONTINUATION SHEET

83-46

CONTINUATION OF: DESCRIPTION OF NONCONFORMANCE
PROPOSED DISPOSITION
DISPOSITION ACCOMPLISHED

NO. - 94
RRC# - 94
PAGE 2 C
DATE 10-5-83

DESCRIPTION OF NONCONFORMANCE: (Including Cause) (CONTINUED FROM PAGE 1)

This is in violation of QCP-3, REV. 6 "Processing and Control of Deviations and Nonconformances." Paragraph 3.2 of QCP-3 states: "The Production Superintendent or Designee assigned by the Project Manager shall be responsible for notifying Quality of deviations and nonconformances and accomplishing all work in accordance with the specifications, design drawings and procedures."

Per ANSI N45.2.10: "Quality Assurance Terms and Definitions": a nonconformance is "a deficiency in characteristic, documentation or procedure which renders the quality of an item unacceptable or indeterminate. Examples of nonconformance include: physical defects, test failures, incorrect or inadequate documentation, or deviation from prescribed processing, inspection or test procedures."

DO NOT DISCLOSE
Contains identity of
Confidential source

DO NOT DISCLOSE
Contains identity of
Confidential source

ALLEGATION DATA FORM
Instructions on reverse side

RECEIVING OFFICE

Docket Number (if applicable)

1. Facility(ies) involved:
(If more than 1, or if generic, write (GENERIC))

(Name)
DIABLO CANYON
UNITS 1 AND 2

50	275
58	123
5	

2. Functional Area(s) involved:
(Check appropriate box(es))

<input type="checkbox"/>	operations	<input type="checkbox"/>	on-site health and safety
<input checked="" type="checkbox"/>	construction	<input type="checkbox"/>	off-site health and safety
<input type="checkbox"/>	safeguards	<input type="checkbox"/>	emergency preparedness
<input type="checkbox"/>	other (Specify) _____		

3. Description:
(Limit to 100 characters)

PITTING OF MAIN STEAM AND
FEEDWATER SYSTEM PIPING
NOT REPAIRED OR DEALT WITH

4. Source of Allegation:
(Check appropriate box)

<input type="checkbox"/>	contractor employee	<input type="checkbox"/>	security guard
<input type="checkbox"/>	licensee employee	<input type="checkbox"/>	news media
<input type="checkbox"/>	NRC employee	<input type="checkbox"/>	private citizen
<input checked="" type="checkbox"/>	organization (Specify) _____		
<input checked="" type="checkbox"/>	other (Specify) _____		

5. Date Allegation Received:

MM	DD	YY
09	07	83

6. Name of Individual Receiving Allegation:

(First two initials and last name) M. Mendonca

7. Office:

RV

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name) D. KIRSCH

9. FTS Telephone Number:

463 - 3723

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6 & 7C. FOIA - 84-21

10. Status:
(Check one)

<input type="checkbox"/>	Open, if followup actions are pending or in progress
<input type="checkbox"/>	Closed, if followup actions are completed

11. Date Closed:

MM	DD	YY

11.1 Document Nos. _____

12. Remarks:
(Limit to 80 characters)

12.1 Man-hours/Date
13. Allegation Number:

Office	Year	Number
RV	83	A-0043

[Handwritten scribbles and initials]

10/24/83

TWIMC,

FOLLOWING ARE COMMENTS ON DISPOSITION OF NCR [REDACTED]

ITEM 1) THIS STATEMENT IS REDUNDANT; VISUAL INSPECTION PRIOR TO FINAL SIGNOFF IS AN EXISTING REQ'T. OF CRITERIA.

ITEMS 1) a), 2), & 3) ARE INFORMATION DATA ONLY, NOT DISPOSITION DATA, & SHOULD BE SEPARATED & SO NOTED.

ITEM 2) IS NOT TRUE; 66011 HAS ALSO BEEN ISSUED — SEE WPS 45, REV. 2, QCR-5A.

ITEM 5) DEALS W/ TOPIC WHICH, ALTHOUGH IT SHOULD HAVE BEEN, WAS NOT INCLUDED IN ORIG. BRUAWK.

ITEM 6) DOES NOT INCLUDE IN ITS SPECIFIED CORRECTIVE ACTION ANY DISCUSSION OF THE WPS — SHALL THE WELDER ENTER THIS ON THE "WORK COPY" DOCUMENTATION?

a. SHALL QC XFER THESE DATA TO THE RWIR?

b. SHALL QC REMOVE (OR COPY) THIS ANNOTATED "WORK COPY" DOCUMENTATION TO SUPPORT HIS ENTRIES (IF REQ'D) ON RWIR?

ITEM 7) REFERS TO SEUISs, BUT THE DOCUMENTS INVOLVED ARE RWIRS.

NOTE: NO SPECIFIC "ACCEPT-AS-IS" STATEMENT IS INCLUDED IN DISPOSITION FOR WELD ROD TYPE, AS IS DONE FOR ROD SIZE (4) HT. (5), & WPS (48).

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions b7C
FOIA b7C-21

Respectfully,
[REDACTED]

X-16
~~[Signature]~~

RECEIVING OFFICE

Activity(ies) Involved:

(Use Unit 3, or if generic, write GENLAC)

(Name)

DIABLO CANYON UNIT 1

Docket Number (if applicable)

0	50	00	275

2. Functional Area(s) Involved:

(Check appropriate boxes)

 operations
 construction
 safeguards
 other (Specify)

 onsite health and safety
 offsite health and safety
 emergency preparedness

3. Description:

(Limit to 100 characters)

A L L E G E D N E G L I G E N C E B Y P G E
 E I N R E S P O N S E T O F L O O D I N G
 A T S S I L E V E L O F A U X B L D G
 I N P I P E T U N N E L

4. Source of Allegation:

(Check appropriate box)

 contractor employee
 licensee employee
 NRC employee
 organization (Specify)
 other (Specify)

 security guard
 news media
 private citizen

5. Date Allegation Received:

MM	DD	YY
11	08	83

6. Name of Individual Receiving Allegation:

(First two initials and last name)

D.F. KIRSCH

7. Office:

	R	V	

ACTION OFFICE:

8. Action Office Contact:

(First two initials and last name)

D.F. KIRSCH

9. FTS Telephone Number:

4	6	3	-	3	7	2	3
---	---	---	---	---	---	---	---

Information in this record was deleted
 in accordance with the Freedom of Information
 Act, exemptions 6+7C
 FOIA 84-21

10. Status:

(Check one)

 Open, if followup actions are pending or in progress
 Closed, if followup actions are completed

11. Date Closed:

MM	DD	YY

11.1 Document No.

~~44-19~~

12. Remarks:

(Limit to 50 characters)

12.1 Man-hours/Date

13. Allegation Number:

Office	Year	Number
	R	V
	8	3
-	A-	0055

X-19

ALLEGATION:
NEGLECTANCE ON PART OF PG&E
IN RESPONSE TO FLOODING
REPORTED BY GUARD FORCE

FACILITY:
DIABLO CANYON UNIT
FILE NO:
DATE:
11/8/83
TIME:
12:30 P.M.
DOC NO:

BY-83-A-0055
CONFIDENTIALITY REQUESTED YES NO

SUMMARY OF INFORMATION:

[REDACTED] AN "A" [REDACTED]
AT DIABLO CANYON stated that the 55' level of the Auxiliary
Building, in an area known to the guards as the "Apple Tunnel",
flooded sometime 11/7/83 on swing shift. [REDACTED]
reports that 3 different [REDACTED] reported the flooding
between 6:45 p.m and midnight on 11/7/83 to a
location "NPO LOT 1", a [REDACTED] reporting telephone.
In response, [REDACTED] stated that PG&E
didn't do anything to stop the flooding, clean up the
water or check the water for radioactivity.

[REDACTED] Alleged negligence on the part
of PG&E.

ACTION:

1. Resident Inspector check facts and circumstances of alleged flooding. Any safety related pipe in area. Safety related components?
2. Evaluate effect on safety of admin control of control building & respond to guard reports
3. Determine why PG&E ignored reports.
4. Document findings in Insp. Rept.

RETURN BOARD: 11/8/83

PREPARED BY
D.F. KIRSCH

- 1) D.F. KIRSCH
- 2) T.W. BUSH
- 3) J.C. (MUN)
- 4) A.D. JOHNSON

DATE
11/8/83

ACTION REQUIRED

REVIEWED BY

DATE

INTERVIEW SHEET

8060

11-9-83

Investigator: [Redacted]
Senior Resident Inspector

[Redacted]
[Redacted]

Division: [Redacted]
Inspector Inspector
Region V, USMC

[Redacted]
Signature

11-9-83
Date

RECORDED
INDEXED
NOV 10 AM 7:55
RECEIVED
CIVIC

Interviewee:

[Redacted]
Signature

11/9/83
Date

[Redacted]

National Inspection and Consultants, Inc.
Subcontractor to H. P. Foley Co.

Subject:

An allegation was made through a concerned citizen that the interviewee had knowledge of unacceptable, welding and associated corrective action on various plant construction activities.

Allegation No. NY 83 A 0052

Dates and Times of Interviews: November 8, 1983 10:30 a.m.

November 9, 1983 1:00pm & 7:30pm

Information deleted
in accordance with
of information

84-21-C
X-24
[Signature]

Paraphrase of Questions that were asked: The subject allegation was stated to the interviewee. The interviewee was informed that the allegation alluded that resolution of nonconformances or deficiencies was not acceptable and that the general work practices were not in compliance with codes, standards or good work principles. The interviewee was asked if there were any knowledge of such problems. The interviewee was also informed of his responsibility per the regulations to bring forward such concerns and that his safety would be maintained.

Summary of Response to Questions: The interviewee was surprised at the allegation. He, based on the interviewee's avoidance of such concerns in the community. The interviewee indicated that there were no items that required his involvement. The interviewee stated that no items had been in noncompliance with codes and standards, however, the interviewee felt that work practices in some areas could be performed in a more efficient manner, but again that they were not in noncompliance with NRC regulation or with the licensees or contractors procedures.

To: Denny Kirsch

From: Bill & MARV

2 Pgs.

11/21/83

(TOPICS WILL INDICATE)
INDIVIDUAL

10/8

Phone call 9:10 PM - 10:55 PM

Dr. H. Myers, Allegor / TWB

GENERAL DISCUSSIONS OF TWB QUESTIONS TO ALLEGOR.

TWB SPENT ~ 3 1/2 HRS ON 11/19 @ DR. MYERS OFFICE REVIEWING
EVIDENCE SUBMITTED BY ALLEGOR (REF. SEPARATE LISTING)

- Allegor does not want to identify himself by name.
- direct discussion of allegor's topics with contractor (Foley) or Project will cause allegor to be identified
- Allegor suggested ~ 'comments came to NRC through a former employee'

Allegation No. 57:

- [redacted] has most knowledge of this problem
- believes list of inspectors is basically comprehensive.
- believes PG&E has accepted / signed off on RCR 8002-824.
- no other info

Allegation No. 58:

- Foley inspectors in field have most knowledge on this issue
- not aware of any current failures
- not aware of any failures that were not fixed.
- now, they perform torqueing to verify newly installed anchors are satisfactory.
- the direction is out not to torque old X-22
(6 pages)

N.B. =>

amounts, (because to do so would cause them to fail).

Allegation No. 59

- not sure what "TH" stands for, but Foley receives cable reels under a purchase order number. These numbers begin with "AR...." Foley then adds their own alpha numeric code. Ly^{of this} would call "TH" "3"
- One purchase order may have many different reels. Foley gives reel numbers for control.

[redacted] is most knowledgeable^(sp) of the situations where 'production' used their own private stock of cable. Production gets this cable as follows - when they have a job they procure X feet of cable and put it on a ^{small} reel. They only use "X-Y" feet, and therefore have Y feet left over. They save this Y feet (without traceability) and may use it later. [redacted] has documented this problem on several of his "Monthly Reports to the Quality Director". Do not approach [redacted] directly on this issue or it will cause alleges to be identified - instead ask [redacted] what problems has he had, where has he documented them, ask to see his "Monthly Reports" circa last spring and summer.

N.B.



NB

- when [redacted] stated traceability was lost

years ago, he meant that it was lost, and not since regained. Allegor doesn't know if [redacted] told this to anybody else but believe so.

- 5/11
- Allegor believes traceability situation is hopeless and that [redacted] and others believe so also.
 - Allegor believes that records have been changed illegally, that person(s) have added reel numbers to documents that were not there before (no specifics) - anybody can get to records.
 - Records are in a metal sheath (vault), there is an access list but you can go in almost any time and see people in there who are not on the access list.

Allegation No 6C

- NTS
- believes suppliers are approved "locally" by Foley.
 - Computer print out of ^{approved} suppliers is updated and published once per week.
 - this problem (use of unapproved vendors) is pervasive - since the early 1970's and still today.
 - PGETM issued a "new" NCR # DCO-83-SCN007, dated 6/10/83 which documents this problem. (don't know status), but Allegor understands the corrective action to be a 100% review of Class I records. He believes this is ~~not~~ such

(Partial listing)

MTC w/ DR H Myers
1/19/83 3:30 ~ 7:20 PM
© DR Myers Office

No 59

Unaccredited, unqualified QC Inspectors - Allegation # 57

ref: QC Insp list

NCR 8802-824 Rev 1

PGE Audit 883043A

~~not confidential~~

Up to 1/83 in the Safety Act program; 9/12/79-4/25/80 civil insp. were req'd to be cert'd by procedure - but none were per AC list; 5/2/81 thru 12/7/82 QC cert req'd per procedure - but no criteria; insp not cert'd to specific task; General certs "Electrical Insp" issued; prior to 1/83 QC insp no educ background & no prior exp. → no consistent training program.

NCR 824 only audited post post 12/7/82 not post 10 yrs

PGE Audit 883043A only " " " "

NCR not reported to NRC.

~~not confidential~~

- Review/audit

Allegation # 59

* Loss of wire T. Reichelt
ref Letter 8/10/83 to GATMep [redacted]
Letter 9/29/83

subj. wire Transmits
wiring "wire Transmits for

Ten Incore Therovorgi Counts "

Foley "TH" log

Per [redacted] device traceable was lost second year ago.

Use of TH log was per tense

Per [redacted] (QC Receiving Insp) production factory
uses its own unauthorized stock of small reels of wire.

Its unmarked and not traceable

"TH" Log itself is ~~contaminated~~ full of errors/modifications per
"as the letter of 8-8-83 indicates" (sic)

Pick

with [redacted]
30:44
1/k
Stankin
P.

no 3.)

alleg. #59

4. a. Foley Int. Off. memo dtd 8-10-83 2 pgs w/ 24 pg of attachments
5 " " " " " 9-29-83 1 pg w/ 2 pg of attachments.

a. w PIR w/ all map reports #9277 has "4R" name but no reel #
Jack "TH" no 4 reel no reel #

"Ckt pull pkg" does not list reel #

WPIR #	WPIR #	TH	4R	REEL
Joseph	9277		yes	no
	9382			
	8833		Yes	<u>no</u>
	9412	no	no	
	9414	no	no	

4R # on CPP ≠ 4R # on TH Log Book.

ref IR 8802-587 → DR 8802-502 among
it w/a type.

b. Class I Circuit Fall Packages.

Pkgs RI 1001A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 9A, 10A

all ref EDR #8938 for Reel info ref 2020-0737

where signs appear

81-117

11/21/83

CONFIDENTIAL SOURCE
(TOPICS WILL IDENTIFY)
INDIVIDUAL

10/8

Phonecall 9:10 PM - 10:55 PM

Dr. H. Myers, Allegor / TUB

GENERAL DISCUSSIONS OF TUB QUESTIONS TO ALLEGOR.

TUB SPENT ~ 3 1/2 HRS ON 11/14 @ DR. MYERS OFFICE REVIEWING
EVIDENCE SUBMITTED BY ALLEGOR (REF. SEPARATE LISTING)

- Allegor does not want to identify himself by name.
- direct discussion of allegors topics with contractor (Foley) or Project will cause allegor to be identified
- Allegor suggested ~ 'comments come to me through a former employee'

Allegation No. 57:

- [REDACTED] has most knowledge of this problem
- believes list of inspectors is basically comprehensive.
 - believes Poie has accepted / signed off ACR 8002-824.
 - no other info

Allegation No. 58:

- Foley inspectors in field have most knowledge on this issue.
- not aware of any current failures
- not aware of any failures that were not fixed.
- now, they perform testing to verify newly installed anchors are satisfactory.

N.B. →

- the direction is cut not to toggle cid (4 pages)

23

- Believes PGE or Foley has now obtained a complete copy of drawing #100
- Drawing #100 is not currently being used.
- There are many DCAs that have this problem, those discussed in the material given to Dr. Nye are probably the best written up.

Allegation No 62

- Allegor believes the inadequate sampling problem may be true of electrical termination inspections also.

- NIB
- according to allegor - Foley does not have a program which requires inspection of each termination, which shows the right wire is connected to the right terminal block.
 - Direct inspection, or reference to the way the 10% cable pulling inspection sample problem was handled will cause allegor to be identified - allegor suggests NRC approach by looking at logs of "quality work" and will see that there were no, or few inspections in the first few years. - getting NRC into the issue.
 - Doesn't know PGE's status on this issue (whether NRC 8802-898 is now signed by PGE or not)

Allegation #62

7. Lucilequi GC Inspection Program

Ref. Letter (9/7/83) to GC Director Rick Wilson re: "Wire Pull Inspection Report Log (WPIR Log)"

NCR (8802-898)

Not Confident

Unlike most nuc plants Foley has 10% sample inspection program for:

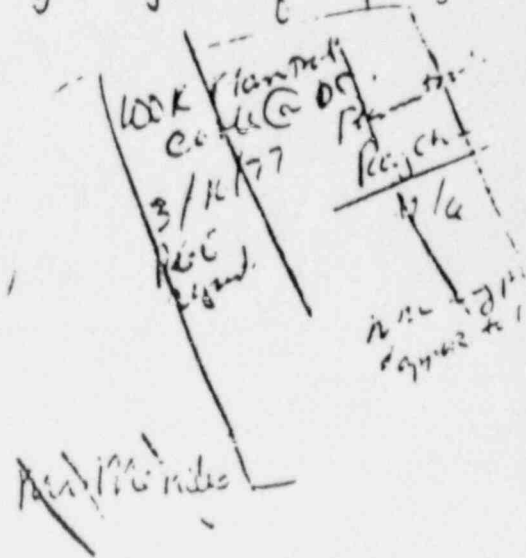
- (1) electrical terminations
- (2) wire pulls
- (3) anchor bolts

~~Foley~~ Unlike most sampling programs Foley does not increase its sample size when problems are found with its 10% sample size. Simply corrects problems found.

Ref letter shows Foley did not even do good jobs of inspecting 10% sample

Look @ sampling level results work quality in all 3 areas.

OK header



Phone call from Nigus 11/21: also electrical terminations are not inspected.

allegation # 62

7. a. Foley NCR 8802-898 dtd 8/16/83 1 pg. no attach provided
init/s/ Terry Resell (?) 8/18/83
disp /s/ C. W. Needham 10/7/83

Unit 1/2 Class 1 ref. HPF/OCPE-10 App C Rec O procedure,
As of 9/23/81 log is to be maintained of 10% logs
- reconstruct these records now.
(not desperate - by PG E yet)

- b. Files Inter. for review Dtd 9-7-83

To C. Dirada / Rich Wilkin

Fr. Doc Turn-Over Supr / Don Shuckly

dit. Use Full Insp. Report Log (WDRR Log) 1 pg w/ 6 pg attach.
ref NCR-8802-898 - reconstruct log since 9/23/81
(first date of procedural request)

11-21-83, Notes from Telecon
(9:10pm-10:55pm) from Dr. H. Myers
to TW Bishop

448

11-21-83

a massive chore that it will not be done
all the way back to day zero, it would involve
thousands of records.

When asked for best NRC contact: Allegu replied,
that the Supervisor of this area is relatively

and that since this time [redacted] has signed
off records which he should not have, i.e.
he signed off records for which he did not
have an inspection function, including records
which predate his employment. He was caught
at this. No disciplinary action was taken [redacted]
was asked to correct the records. (Suspects
[redacted] was 'just not exercising good judgement')

NT.
This is a new
aspect - possible
in document records

Allegation no. 61

- Most knowledgeable individual on this issue is
in the document control center [redacted]
- Allegu mailed some new NCR's on this subject
to Dr. Myers - should receive in a few days.
- Allegu feels this problem centers around
document control and is due to a past lack of
training of Foley and probably Pullman document
control personnel and lack of cooperation
between contractor doc. control and P.G. & E
document control.
- no specific contact for field work of this area

X-24

- Believes PGE or Foley has now obtained a complete copy of drawing #100
- Drawing #100 is not currently being used.
- There are many DCs that have this problem, these discussed in ^{the} material given to Dr. Myers are probably the best written up

Allegation No. 62

- Allegor believes the inadequate sampling problem may be true of electrical termination inspections also.
- according to allegor - Foley does not have a program which requires inspection of each termination, which shows the right wire is connected to the right terminal block.
- Direct inspection, or reference to the way the 10% cable pulling inspection sample problem was handled will cause allegor to be identified - allegor suggests NRC approach by looking at logs of "quality work" and will see that there were no, or few inspections in the first few years - getting NRC into the room.
- Doesn't know PGE's status on this issue (whether NRC 5802-598 is now signed by PGE or not)

NB

Allegation No 63

in the past

- Allegor feels the use of EDRs (like EDR # 8938) is too unofficial
- Foley also used telephone records to document official decisions - feels this is improper - this was done up until March 1983.
- EDR 8938 was signed off by [redacted] and initialed by [redacted]
- Allegor, when asked, does not know why the "8" of EDR 8938 was hand written while the rest of the number were printed. (Now, he says, they are all hand written).

N.B. →

Allegation No. 64

- The Fire Control/Deluge circuits were not, and are now, Class I - These have traceability problems

NB

- Allegor says records show that the same "strength report" was used for two different types of grout.
- Suggests we check strength reports over time, randomly, so we don't draw specific attention to the allegor.
- Allegor doesn't know if any NCR's were written on this issue.
- [redacted] works for [redacted]
- [redacted] "makes up" the grout samples. [redacted] himself feels this is 'not right'.
- Allegor doesn't know where grout was used.
- When asked, allegor did not know if proxy signatures were ok (eg. [redacted]), but says he's seen it before and it seems to be accepted.

Allegation 65

- Discussion to destroy records was focused rather specifically, on non-quality reviewed records called "Data Input Checklists"; per allegation
- "Data Input Checklists" have now been removed from ~~the~~ to a separate file in the Document Turn Over Trailer.
- [redacted] has given the direction to destroy these records
- "Data Input Checklists" are the results of clerks review of quality documents, and show problems. If they are destroyed a person could reconstruct the problems by looking at the actual quality document.
- [redacted] has issued a memo (copy being mailed to [redacted]) which tells personnel not to look at records prior to Sept 1981 because this was before the NRC issuance of Diablo and therefore 'out of scope' [Allegation believes reason is there are lots of problems in pre-9/81 records and [redacted] don't want to find them.]
- 70 to 80% of all Foley quality records have been reviewed by clerks for completeness, etc, but have not been reviewed by Document Analysts. [implying most records have not been adequately reviewed].
- Data Input Checklists are not quality documents.

Other statements (in resp. to questions)

- [redacted] is the person putting pressure on [redacted] to get job finished.
- [redacted] is "weak" - it is forced by Nosen. He will submit. ; if "pressured" by the NAC he will probably identify open up and discuss ~~with~~ his knowledge of problem areas. or 'open immunity' ^{Dr} ~~my~~
- [redacted] will "stone wall"
- They just received a "maintenance contract", they have been concerned, for months, whether they would / would not receive this contract.
- Regarding protection of identity - "don't reference any document" provided to Dr Meyer by the allegor.

NB

← END

T W T

THE HOWARD P. FOLEY COMPANY
INTER-OFFICE COMMUNICATION

NRC

12/2/83

Quality Control Temperature Level II

BECAUSE OF THE FACT THAT THE H.P. FOLEY COMPANY USES/USES UNQUALIFIED WELDERS
REF NCR 8802-929, UNQUALIFIED WELDING PROCEDURES SPECIFICATIONS - AWS - W. 52.39, 56.00
REF PCN AND COMMENT SHEET OF QCP 5A REV 9, WELDING PROCEDURES SPECIFICATIONS THAT
ARE NOT IN ACCORDANCE WITH THE APPROPRIATE CODE (AWS D11) REF NCR 8802-929,
THAT I REQUEST AN IN DEPTH REVIEW OF THE H.P. FOLEY WELDING PROCEDURES
QCP 5A REV 3, 4, 5 AND CURRENT REV 9, QCP 5B REV 3 AND 4, QCP 5C
REV. 0, QCP 5D REV. 0.

I BELIEVE THAT BECAUSE OF THE GROSS ERRORS CONTAINED IN THE
CURRENT AND PREVIOUS PROCEDURES, THE USE OF UNQUALIFIED WELDERS AND
DESIGN ERRORS, REF NCR 8802-929 ITEM 9, EDR 1986, AWS D11-82 PARAGRAPH 1.1.
THAT THE PLAN TO EXECUTE EARLY IS INDEFINITE.

PLEASE REPLY.

ALSO, THAT ONE WELDING PROCEDURE (QCP 5A) CONTAINS IN ITS WRITTEN FORM
29EA "MAYBE", 3EA "SHOULD BE", 1EA "IF NECESSARY", 3EA "PREFERABLY",
2EA "REASONABLY", 3EA "AS PRACTICABLE", 1EA "WHERE PRACTICAL", 1EA
"WHEN PRACTICAL", 1EA "WHERE POSSIBLE", 1EA "AS POSSIBLE", 1EA "WHEN POSSIBLE"
1EA "SAME GENERAL POSITION" AND 1EA "REASONABLE SMOOTH AND REGULAR"

QCTI

X-25



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1980 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94596

44

CONFIDENTIAL SOURCE:
 YES
 NO

DIABLO CANYON

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

ISSUE: 25	DATE: 12/2/83	TIME INITIATED: 8:10	TIME COMPLETED: 9:15
TYPE <input type="checkbox"/> MEETING <input checked="" type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE CALL COLLECT () YES () NO <input type="checkbox"/> OTHER	PARTICIPANTS OTHER: NAME NEC: J. R. Fair ORGANIZATION		YES. ON 51
	[REDACTED]		
	LOCATION CALLED NO.	CALLING NO.	

SUMMARY:
 ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?:

Not aware of any pressure by management to accept work or reluctance of management to follow up on these NCRs. Feels that CEC has improved considerably in the past 9 months.

Concerns: ① Does not think the "Red Heads" are good another belts.

② Does not like the procedure where other CEC inspectors can sign off on results of his IIRs and FCRs.

WRITTEN BY: John R. Fair	DATE: 12/2/83	PAGE 1 OF 1
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4-26



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1988 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:
 YES
 NO

41

2-3-83

DIABLO CANYON

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

ISSUE: CONCERNS	DATE: 2/3/83	TIME INITIATED: 4:40 p.	TIME COMPLETED: 5:10 p.
TYPE <input type="checkbox"/> MEETING <input checked="" type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE-CALL COLLECT: () YES () NO <input type="checkbox"/> OTHER Q = Question R = Reply	PARTICIPANTS: NRC: E. H. Girard OTHER: NAME: [REDACTED] ORGANIZATION: Foley YES. ON SITE: 1/2		
	LOCATION CALLED NO.		CALLING NO.

COPY

SUMMARY:

ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES

1. STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

R: No direct knowledge, but has heard rumors of problems on intake structure repair work.
2. Q: Do you consider the training and qualifications of the craft + QC inspectors to be adequate?

R: The craft needs better training. The training + qualification requirements for inspection personnel would not be adequate but we ^{brought} ~~bring~~ ^{good} experienced people.
3. Q: Do you consider the procedures + drawings have to be adequate? R: They are not as good as at WPPSS but ~~they~~ I believe they are adequate.
4. Q: Are you aware of any harassment? R: No. Overall our relationship with the craft is good.
5. Q: Do you believe the quality of the work at this plant is adequate to ensure safe operation? R: Nothing I've seen in field would

(OVER)

WRITTEN BY: Edward H. Thurl	DATE: 2/3/83	PAGE OF: 1
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Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6 & 7C
 FOIA: 84-21

X-27
 REGION V FORM: 113
 [Signature]

5. CONTINUED -

give me cause for concern. However, there are two

~~things that give me some concern~~

things that give me some concern:

- The use of red heads. At ~~the~~ Trojan where they used them they are coming out of the walls. Tests on them at WPPS indicated they were not good. Also finger tight is ^{too} interesting
- Rumors of problems at the intake station. I believe you should talk to some of our QC inspectors about this:

PREVIOUS EXPERIENCE:

Civil Engineering QC/QA area



SUMMARY: Individual has concerns relative to the following:

- ① Use of red head anchor bolts and inadequate torquing requirements for attachment to anchors.
- ② Intake station repairs.

2/2/82 MB



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
YES
NO

DIABLO CANYON

SUMMARY OF SPECIAL WSP - RELATED INFORMATION

ISSUE: 25	DATE: 12/2/83	TIME INITIATED: 9:15	TIME COMPLETED: 9:45
TYPE <input type="checkbox"/> MEETING <input checked="" type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE CALL COLLECT () YES () NO <input type="checkbox"/> OTHER	PARTICIPANTS OTHER: NAME NEO: J. R. Fair ORGANIZATION		YES ON SITE
	[REDACTED]		
	LOCATION CALLED NO.	CALLING NO.	

SUMMARY: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?

Not aware of any pressure by management to accept work or reluctance of management to follow up on NCRs.

Concern: Thinks that "Red Stand" anchors should be torqued to demonstrate they are set properly. Does not make sense to him that all recovery bolts are torqued except for the anchor bolts.

WRITER BY: John R. Fair	DATE: 12/2/83	PAGE OF: 1/1
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Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6 & 7C
FOIA: 84-21

X-28
REGION V FORM: 113
[Signature]



NUCLEAR REGULATORY COMMISSION

REGION V

1880 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL WSP - RELATED INFORMATION

DIABLO CANVY

ISSUE: CONCERNS	DATE: 12/2/83	TIME INITIATED: 3:30 p	TIME COMPLETED: 4:00 p
TYPE: <input type="checkbox"/> MEETING <input checked="" type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE CALL COLLECT <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> OTHER Q = Question R = Reply	PARTICIPANTS: NEC: E. H. Givens OTHER NAME: [REDACTED]		
	LOCATION CALLED NO.	CALLING NO.	

SUMMARY:

ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES

- STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?
 R: No. I thought so originally but have changed my mind. The program is weak but there is no intent to bypass work.
- Q: Do you consider the training + qualifications of craft + inspection personnel to be adequate?
 R: ~~For the area~~ There is no good formal training program for either craft or inspectors. Crafts qualifications are poor + inspectors are barely adequate. Some qualifications are definitely not justified by any training or experience. For example [REDACTED] a female inspector has inspection certifications but these cannot be justified by experience. * He once went thru tearing hole tags off equipment. ~~another~~.
- Q: Do you consider the procedures + drawings adequate?
 R: They are poor, vague, but are being improved.
- Q: Do you think the quality of work is adequate for safe operation of the plant?
 R: I don't perceive any major problem. (OVER)

WRITTEN BY: Edward H. Givens

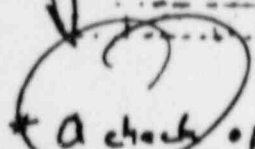
DATE: 12/2/83

PAGE OF

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6, 7C
FOIA: 84-21 X-29

REGION V FORM: 113

FOIA-84-21



* A check of the QC inspector Cert. list does not reveal any current cert for Carter as of 11/21/83. etc-nts

4. CONTINUED —

I believe there are problems, though. The red heads will fall out of the walls and there are program requirements. All class 1 circuits should be inspected.

PREVIOUS EXPERIENCE :



SUMMARY: Individual has concerns relative to the following:

- ① Red heads will not provide adequate support
 - ② There is not adequate checking of Class 1 circuits
- Does not believe the problems he is concerned about will cause any major problem with plant operating.

EX/2 12/2



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1600 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:

YES

NO

41

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

DABLO CANYON

12-3-83

ISSUE: CONCERNS	DATE: 12/3/83	TIME INITIATED: 4:40 p.	TIME COMPLETED: 5:10 p.
TYPE () MEETING () INTERVIEW () TELEPHONE CALL COLLECT () YES () NO () OTHER Q = Question R = Reply	PARTICIPANTS: NRC: E. H. Girard		
	OTHER: NAME [REDACTED] ORGANIZATION [REDACTED] YES, ON SITE [REDACTED]		
LOCATION CALLED NO.		CALLING NO.	

SUMMARY:

ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRACTICES

1. STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc.)?

R: No direct knowledge, but has heard rumors of problems on intake structure repair work.
2. Q: Do you consider the training and qualifications of the craft + QC inspectors to be adequate?

R: The craft needs better training. The training + qualification requirements for inspection personnel would not be adequate but we ^{bring} in ^{good} experienced people.
3. Q: Do you consider the procedures + drawings here to be adequate? R: They are not as good as at ^{SWPPS} but ~~they~~ I believe they are adequate.
4. Q: Are you aware of any harassment? R: No. Overall our relationship with the craft is good.
5. Q: Do you believe the quality of the work at this plant is adequate to ensure safe operation? R: Nothing I've seen in field would

WRITTEN BY: Edward H. Dumb DATE: 12/5/83 PAGE OF

INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

X-30

5. CONTINUED -

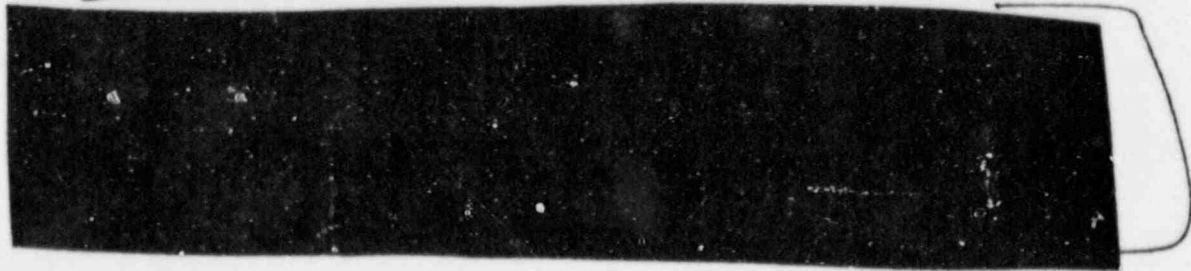
give me cause for concern. However, there are two

~~two~~ ~~additional~~ ~~concerns~~

things that give me some concern:

- The use of red heads. At ~~the~~ ~~Trojan~~ where they used them they are coming out of the walls. Tests on them at ~~WPPSS~~ indicated they were not good. Also finger tight is not enough to
- Rumors of problems at the intake station. I believe you should talk to some of our QC inspectors about this:

PREVIOUS EXPERIENCE:



SUMMARY: Individual has concerns relative to the following:

- ① Use of red head anchor bolts and inadequate torquing requirements for attachment to anchors.
- ② Intake station repairs.

27/12 MB



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1000 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94096

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

DIABLO CANYON

ISSUE: <u>Concerns</u>	DATE: <u>12/3/83</u>	TIME INITIATED: <u>2:00 p</u>	TIME COMPLETED: <u>2:26 p</u>
TYPE <input checked="" type="checkbox"/> MEETING <input checked="" type="checkbox"/> INTERVIEW of <input type="checkbox"/> TELEPHONE CALL COLLECT () YES () NO <input type="checkbox"/> OTHER Q = Question A = Reply	PARTICIPANTS OTHER: NAME <u>NEO: E.H. Girard</u>		YES ON SITE
	LOCATION CALLED NO.		CALLING NO.

SUMMARY: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule's, etc)?

- STANDARD QUESTIONS: REPLY: No
- Q: Any problem with management? A: No.
- Q: Do you feel craft training is adequate? A: They don't get much training especially the welders. It isn't very satisfactory.
- Q: Is the QC training + qualification adequate? A: Probably not. They almost totally depend on past training + experience. There's no testing to verify competence.
- Q: Do you consider the instructions + drawings adequate?
 A: The procedures are vague + I'm not sure about some of the things they permit. For example, ACP-5 allows you to substitute any kind of weld when a fillet is called for on the drawings if the drawings are OK.
- Q: Do you feel the quality of completed work here is adequate?
 A: Yes.

7. Q: Do you have any concerns you would like to express to the NRC? (OVER)

WRITTEN BY E.H. Girard

DATE: 12/3/83 PAGE 1 OF 1
 Information in this report was deleted in accordance with the Freedom of Information Act, exemptions b7C
 FOIA # 84-21

REGION V FORM: 113 X 31

SEE BACK

7. Continued —

R: I'm not sure whether the anchor bolts are satisfactory, but I'm not qualified to say. I don't know whether they will hold (the red heads) and wonder about only tightening nuts finger tight.

Previous Experience:



SUMMARY: Individual expressed concerns in response to questioning as follows:

- ① Training + Qual of craft + QC not satisfactory.
- ② Procedures vague + may be inadequate
- ③ Anchor bolts + connections flange may be unsat.

Believed quality of work would be adequate for safe operation.

EXR 1-12

THE HOWARD P. FOLEY COMPANY
DOCUMENT DEFICIENCY NOTICE

ITEM IDENTIFICATION: Purchase Order

DDN # 1192

LOCATION/UNIT: 0

REVIEWER: 

DEFICIENCY DESCRIPTION: D-D
This DDN serves as a blanket DDN in which the P.O. requires back-up documentation to be a letter of Conformance/Compliance.

McMaster-Carr Company is not on the approved vendor's list. The purchase orders in question are recently closed and are ready for Document Turnover review.

Reference QCP 2A Rev 0 section 4.4 page 2 part C page 3. Does this section and part of QCP 2A Rev 0 approve this vendor for class I material procurement?

 12-14-83
(DATE)

DEPARTMENT: QAE

INDIVIDUAL: Jon Rothstein

CORRECTIVE ACTION: AA

Yes, for off-the-shelf catalog type items

 12/27/83
(DATE)

STATUS CODE: C

PG + E
NONCONFORMANCE REPORT

000000

June
Quality Assurance
20-200 REV. 8/80

1 IDENTIFICATION:

Plant/Div D C O	Year 8 3	Resp. Dept. S C	Number N 0 0 7
---------------------------	--------------------	---------------------------	--------------------------

Sheet **1** of **1**

NON-OPERATIONAL

TECHNICAL

REVIEW

GROUP

2 Item or Activity: **Procurement Control by Contractors** 3 Reference: **OAM Policy Sect. IV ANSI H45.2.13**

4 Description: **Safety-related/Non-commercial grade material has been procured from suppliers who have not been evaluated or qualified in accordance with ANSI H45.2.13**

5 ORIGINATED: Department **Quality Control** Date **6/10/83** By **J.R. Bratton** Distribute Information Copies - See 15 Below

6 Cause: **Misinterpretation of the term "commercial grade".**

7 Resolution: **See page 2.**

8 Corrective Action to Prevent Recurrence: **Revise contractor procedures to provide a method for assuring that suppliers of non-commercial grade items are approved prior to purchase.**

9 SCHEDULED COMPLETION: Resolution Date **12/1/83** Corrective Action Date **12/1/83**

10 REPORTABILITY REVIEWED UNDER: 10CFR20 10CFR50.38 10CFR70 OTHER
 10CFR21 10CFR50.55 (e) 10CFR73

REPORTABLE? YES NO TRG DECISION SPLIT: REVIEW REFERRED TO:

BASIS FOR REPORTING NOT REPORTING: **Reportability has not been determined at this time. An evaluation shall be performed upon completion of the supplier review to determine reportability.**

INITIAL REPORT: Applicable Time Requirement Method Time MANAGER, QUALITY ASSURANCE N/A
Actual Report: By Date Date Time
FOLLOW-UP REPORT N/A REPORT REQUIRED WITHIN ACTUAL REPORT: By Date
OTHER AGENCIES REQUIRING NOTIFICATION OR REPORTS:

11 ADDITIONAL REMARKS **See Page 2.**

12 Approval: **Donald D. Malone** Date **07/28/83** **Deak Bell** Date **07/28/83**
Quality Assurance: **Michael [Signature]** Date **07/28/83**
Other Representatives: **D. Bell** Date **07/28/83** PSRC Review N/A

13 RESOLUTION COMPLETED: Approved By Date CORRECTIVE ACTION COMPLETED: Approved By Date
INSPECTION N/A By Date INSPECTION N/A By Date

14 VERIFICATION BY QUALITY ASSURANCE **All resolution, corrective action, notification and reporting are complete**
By Date

DISTRIBUTION (Other Departments to receive information copy when originated - check below)

15 Authorized Inspector (for ASME items) Plant Mgr. and / or Plant Supt. Security
 Nuclear Power Generation Engineering Research Materials
 Engineering Quality Assurance On Site Contractor H.P. & C.
 Station Construction Safety Health and Claims Other QA S.F.

NONCONFORMANCE REPORT

DCO-82-SC-1007

*Include
MANUFACTURERS Page 2
TEST LABS
GALVANIZING COMPANIES, ETC.*

RESOLUTION:

A 100% review of Class One purchase orders initiated by contractors shall be performed to determine if all suppliers were qualified for those purchases requiring a qualified supplier. All material identified as being purchased from an unqualified supplier shall require further inspections and/or testing as required by Engineering to provide assurance of the quality of that item.

ADDITIONAL REMARKS:

A preliminary TRG was convened on 7/7/83, at which it was determined that further investigation would be required to establish an adequate disposition.

THE HOWARD P. FOLEY COMPANY
INTER-OFFICE COMMUNICATION

Quality Control Supervisors

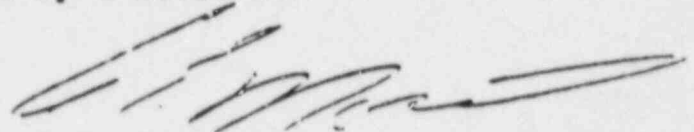
3-9-83

A.E. Moses/Project Manager

RE: Inspection Signatures

Effective 3-10-83 all inspections will require a Level II Inspector's signature. A Level I Inspector will still sign inspections performed by him, but must have a Level II co-signature.

Note: Acceptance & Reject columns on all inspection forms may be initialed by a Level I.



A.E. Moses
Project Manager

CM



October 20, 1983

INTER-OFFICE MEMO

TO: J. Thompson/Q.A. Manager

FROM: L.R. Wilson/Quality Director

RE: Level I Signatures

1) This memorandum provides Document Review personnel with clarification regarding Level I signatures for inspections.

2) Prior to P.G. & E.'s letter dated 6-8-83, it was acceptable for Level I personnel to perform and document inspections that could require interpretation in accordance with documented procedures. The letter requires this company to limit Level I inspectors to performing inspection where no interpretation by the inspector was required.

3) It is acceptable for Level I receiving inspection personnel to document and sign receiving inspections. The basis for this is that this type of inspection does not require interpretation of inspection results by the inspector.

Sincerely,

L.R. Wilson
L.R. Wilson
Quality Director

Contradicts - ANSI N45.2.6

pg 5

THE

HOWARD P. FOLEY
COMPANY

P. O. BOX 327,
AVILA BEACH, CALIF.
93424
909-685-7377

Offices:

- ALLENTOWN, PENNSYLVANIA
- BALTIMORE, MARYLAND
- CHICAGO, ILLINOIS
- DALLAS, TEXAS
- HARRISBURG, PENNSYLVANIA
- HOUSTON, TEXAS
- LOS ANGELES, CALIFORNIA
- MARTINEZ, CALIFORNIA
- MEMPHIS, TENNESSEE
- NEW ORLEANS, LOUISIANA
- PHILADELPHIA, PENNSYLVANIA
- PHOENIX, ARIZONA
- PITTSBURGH, PENNSYLVANIA
- RICHMOND, VIRGINIA
- SALT LAKE CITY, UTAH
- TAMPA, FLORIDA
- TUCSON, ARIZONA
- WASHINGTON, D.C.

Canis an Subsidiary

EDMONTON, ALBERTA

The Howard P. Foley Company

Receiving Inspection Report

UNIT NO: I	<input checked="" type="checkbox"/>	II	<input checked="" type="checkbox"/>
CLASS: I	<input checked="" type="checkbox"/>	II	<input type="checkbox"/>
SPEC: _____			
FILE NO: <u>55897</u>			

Picking Slip # 195055

Material: ITEM #1 (10 PK) 3/8" ROD - BULK COILS COLD ROLLED (HT. #10416)
(5@20)

P.O. NO: 55897-WY-576-15

VENDOR COAST WELDING SUPPLY

Attribute	Acpt.	Rej. Tag
Completeness, Parts	NA	
Adequate Shipping Protection	}	
No Rust or Corrosion		
I.D. Correct ITEM		
Domestic Material		
Plating		

Attribute	Acpt.	Rej. Tag
Dimensions	NA	
Special Processes Complete	}	
Letter of Compliance		
Certification		
Weld Rod in Sealed Cans		
Meets P.O. Requirements		

Tag #	Discrepancy Description	Corrective Action	Q.C. Accept and Date
1747	HOLD FOR SIGNATURE AND QC APPROVAL	THIS MATERIAL COULD NOT BE FOUND FOR RED TAGGING OR SIGNING. THIS MATERIAL APPARENTLY USED FOR NON CLASS ONE WORK.	6/7/83 M. J. Call

By IOP Q.C. Inspe. for: M. J. Call Date: 5/31/83 IR NO: _____
J. J. Peller 6-7-83 MK NO: _____



SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

RASIO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/11/84	1000	1015
PARTICIPANTS NEC: SDR		
OTHER: NAME	ORGANIZATION	YRS. ON SITE
[REDACTED]	Foley	2 1/2
LOCATION CALLED NO.	CALLING NO.	

MEETING
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

NOTE: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

[REDACTED] indicated [REDACTED] had prior experience for 3 years in OC at [REDACTED] job is as a Document Turnover Document in QA Procurement. [REDACTED] stated that [REDACTED] is on a 2d shift WC - 12- per ta. who has reported to [REDACTED] many irregularities - that "effect safety". [REDACTED] indicated that Foley uses unapproved vendors e.g. "Anderson", "Hopper", "So. Cal Republic Supply" etc for supplying Class 1 materials as shown by DDN's. [REDACTED] believes the DDN's get partial whiffed away. [REDACTED] referenced PGDE SCO 83-SCN007 as a blanket approval to accept materials from unapproved vendors. [REDACTED] stated [REDACTED] is intimidated to accept items that should be rejectable. [REDACTED] does not know if proper engineering judgement is being used to accept materials from

SD Reynolds
 unapproved sources. [REDACTED] does have concerns safety concerns and stated [REDACTED] did also

1/11/83 10:15 -

10/10/83 -
OTHER SITE SINCE 1979

Questions for [redacted] (Foley Document Turner Index)

1. Are there any suppliers of safety related items who were not qualified and approved? If so, please provide the suppliers name and the item(s) supplied.

3) MANY SUPPLIERS UNAPPROVED:
DON - P-N 89 1197
1190 1194
1191 1195
1192

4000 CTR. PGE # DCC7715
10/14/83
LISTS APPROVED VENDORS
& THEIR UNAPPROVED
DON UNAPPROVED VENDORS
Supplying Client Mater.
STAL OPW NEW

INSUFFICIENT
GUIDANCE

2 Do you have any directions from Foley management regarding the conduct and content of your reviews?

If so, please provide copies:
IN THE OFFICE FILES - MIT PUT IN FILES
LACK OF CLARIFICATION OF ISSUES W/ WAE; NOT

ODON LINES OF COMMUNICATION
USE DOMESTIC ODN'S AND DON'T WRITE AND'S. ODN'S OR ANY OTHER
TRAINING MORN.

3. Have you ever been intimidated or threatened with retaliation caused by your identification of quality related problems? If so, by whom and what were the circumstances? YES - IMPAIRED BY [redacted]

[redacted] - IF ANALYST W/NT SIGN, SURV. WILL SIGN;
FORM ANALYST (BROWN) IN P.O.'S FILE FOR BRINGING UP DON (MIGHT
& C IMPROPER FILE FOR WRITING NEG (VAND)

4. Are you allowed to write IR's or NCR's?

No - DDN'S ^{SEND OFF} BY [redacted] &
P.O. FILE CLOSED OUT W/O ANALYST
INVOLVEMENT;

No - REFERENCE TO QUALITY ODN'S

5. LACK OF CONCERN ON RECORDS [redacted] - PGE; COMMENTS IN BROWN
AND (LACK OF CONCERN)

DON Twice + Getting PRO for it and
Also case of LC Disposition (unwilling joint)
FIRMS FOR WRITING ^{A VALID} NCR

- Are you Allowed To Write TR's NCR's?
No - DON'S SIGNED OFF BY BR...
BOLING + PO Files closed due to
ANALYST INVOLVEMENT, WA. 17 TR's
No purchase to mention DON'S

OTHER
ANALYST SAY
THAT CAN REVIEW
DON'S

IV. APPARENT LACK OF CONCERN ON P...:05
(SIMP... (P...6) ALLOWED TO MAKE COMMENTS
TO G BOLING "HERE IS SIM... MO... WH... WAS..."
CONCERN ON ATTITUDE

NCR - 8802-709 ^{MANY} LISTS ^{VARIOUS} P.O. OFFICERS

Will be distributed - 12.
New Anal. on request

OAI's Not Given To Analyst, But Control As Controlled Documents; Once Will Given Out But Don't Know Where They Are

13. INTERVIEW QUESTIONS:

- Do you have any directions from management regarding the conduct and content of your reviews? If so, please describe them - Yes - in interview manual (some sections more active); in general there is no specific guidance to reviewers and a lack of clarification of issues with general review deficiency notices (lack of comments -), use of generic DON's and PIN notes that tie to some number DON's on similar

How many DON's?

- Have you ever been intimidated or threatened with retaliation caused by your job or actions of quality related problems - If so, by whom and what are the circumstances? Yes - Implied by [redacted] if analyst won't sign, Supv. (Bolins) will sign - No statements as obvious as "if you won't sign you'll be fired". Followed by (Bolins) reviewing P.O.'s files for signing up

SUPERVISOR WILL SIGN OFF REVIEW PACKAGE

ACCURATE RESPONSE

INTEROFFICE

8. CONTRADICTION STUN 3/9/83 MEMO WHICH STATES LEVEL 2 SIGNATURES WILL BE CO-SIGNED BY LEVEL 1'S AND (2/10/82) INTEROFFICE MEMO WHICH STATES THAT IT IS ACCURATE FOR LEVEL 1 SIGNATURES ONLY IN RECEIVING INSP. TURNS BACK TO THE INTERPRETATION OF IIR RESULTS (BOTH MEMOS & ATTACHMENT)

VALID GUIDELINES FOR REVIEWING DDN'S

LIST OF COMPLAINTS FROM UNAPPLICABLE VENDOR'S (AND/OR IN, FOR EXAMPLE) WHICH SIGNATURES (NAME) MAIL, USED DENIED TO FILE IN RETURN ON LETTER OF COMPLAINT

DDN - NEW INITIATION

10. REVIEWING PERSONNEL NOT ACCOUNTED TO CURRENT WORK. RESPONSES ON DDN'S; SUPERVISOR(S) WILL SOMETIMES RECEIVE ANSWERS DDN'S AND CHECK OFF FILE PACKAGE HIMSELF WHO ASSUMING FIRST ANALYST TO REVIEW DDN RESPONSE TO DETERMINE WHETHER RESPONSE DO ADDRESS ISSUE; DDN'S ASSUME ANSWER WILL BE TAKEN, WITH NO INDICATION OF ACTION IS BEING TAKEN AND OR CAN BE TAKEN TO OTHER PERSONNEL.

NEW DDN INITIATION TO ADDRESS THIS

RECEIVING IIR REPORT IDENTIFIED MAIL ON THIS THAT WAS USED "APPROPRIATE FOR IIR-CIA-2 WORK" - NCR POSSIBLE ON THIS - DDN-P-91 (RTR ATTACHMENT)

STATEMENTS MADE IN MEMO AS GENERAL ANSWERS

23.4.07
D.M.

5. PAGE NCR # DCO - 83 - SC - 007 (ATTACHED) IS A GENERAL NCR ON UNAPPROVED VENDORS SUPPLYING CLASS 2

DDN'S ARE BEING LOGGED AGAINST SC-N 007

MATERIALS, CONCERNS -

• FROM THIS NCR, ONE CANNOT TRACED TO THE IN-ARMS DON; ANALYST INSTRUCTED NOT TO NOTE PDS WITH SIMILAR PROBLEMS

YES

• NCR SPECIFICS "SUPPLIERS", WILL IT APPLY TO MANUFACTURERS, TOWNS, LASS, GALVANIZING SHIPS?

6. DON # 1157 RE: MISSING MAIL. CERTIFICATION AND QUESTION ON INSPECTION CERTIFICATION

23.4.07
D.M.

• RESPONSE TO DON-1157 ADDRESS MAIL.

DK

CERTIFICATION ISSUE, NOT INSPECTION INSPECTION CERTIFICATION ISSUE

QUESTIONS TO POPPLAT COURT. CHASE

RECOGNITION THAT DUL. REVIEW CERTIFICATION DOES NOT ANYWHERE SPECIFY THAT INSPECTION CERTIFICATION WILL BE CHECKED - (DON - 932)

SUPV. TAKING RESPONSIBILITY

7. WHEN ANALYST REFUSED TO SIGN OFF ON REVIEW COMPLETION DUE TO UNSATISFACTORY RESPONSE,

1/11/82 10:15 - 12:30

COPY to 60

INTERVIEW W/ [REDACTED] (FURTHER - GA DOCUMENT ANALYST - P.O'S) VISITS SINCE 10/10/82 - OTHER MACHINES SINCE 1979

11/11/82
REVIEWERS TO
GET COPY OF
6/22/83
D. ROSEN TO P. B. [unclear]
ON "COMMUNICATING"

- 1. DDN # 1189 } p-1190
- } p-1191
- } p-1192
- } PROVIDED COPY

DDN'S DOCUMENT UNAPPROVED VENDORS WITH SUPPLIED CLASS 2 MAT'LS - ANSWER WAS [unclear] CATALOG [unclear] CLASS 2 USE

[Doc. Reviewer cannot tell what is a [unclear] YES OR NO - Person [unclear] to DDN DID NOT REVIEW ACTUAL P.O.'S

6/22/83
11/11/82
P. B. [unclear]
REVIEWERS TO
GET COPY OF
6/22/83
D. ROSEN TO P. B. [unclear]
ON "COMMUNICATING"

2. THE FACT THAT UNAPPROVED VENDORS ARE SUPPLYING CLASS 2 MAT'LS. AND [unclear] QAE DOES NOT CHECK VENDORS ARE [unclear] APPROVED PRIOR TO ISSUANCE OF P.O.

3. DDN # 1193 }
 } 1194
 } 1195
MINE DDN'S WHICH DOCUMENT UNAPPROVED VENDORS WHICH SUPPLYING CLASS 2 MAT'LS. [unclear] ARE STILL OPEN

(15)

INTEROFFICE MEMO DTD. 9/26/83 RE - P.O'S AND WHO R/O. CASE'S : QUESTION ON VALIDITY U

QUALITY MEETING

10-20-83

53

[Redacted] Office

PRESENT:

[Redacted] Gary Boling, Don Shealy, Jon Rothstein,
Grady Cashwell, [Redacted]

TOPIC:

Purchase Order Document Deficiency Notices.

Per [Redacted] QA Manager:

1. Analysts should only review Purchase Orders written back to September 1981.
2. All Purchase Order DEN's written on Inspector Certifications and Approved Vendors should be downgraded to Phase II - to be addressed at a later date.
3. [Redacted] Turnover
[Redacted] large
[Redacted] [Redacted]
[Redacted] [Redacted]
MEMO. 10-28-83
4. Rick Wilson is preparing a letter on Approved Vendors that should eliminate most DEN's written on unapproved vendors.
MEMO. 9-20-83 / PG&E DEC 83 SC
5. Only DEN's that directly affect hardware should be classified as Priority '400'.
P.E.T.

6. DO NOT PUT REFERENCE LETTERS IN P.O. FILES

Don Shealy 10-20-83
DON SHEALY DATE
Document Turnover Supervisor

RECEIVING OFFICE

1. Facility(ies) Involved:
(If more than 3, or if generic, write GENERIC)

(Name) Ditto Canyon Unit 1
" " Unit 2

Docket Number (If applicable)

0	5	0	0	0	2	7	5
0	5	0	0	0	3	2	3

2. Functional Area(s) Involved:
(Check appropriate box(es))

operations
 construction
 safeguards
 other (Specify) _____

onsite health and safety
 offsite health and safety
 emergency preparedness

3. Description:
(Limit to 100 characters)

RP FILEY USES UNQUALIFIED
WELDERS AND WELDING PROC
EDURE SPECIFICATIONS

4. Source of Allegation:
(Check appropriate box)

contractor employee
 licensee employee
 NRC employee
 organization (Specify) _____
 other (Specify) _____

security guard
 news media
 private citizen

5. Date Allegation Received:

MM DD YY
1 2 0 8 8 3



6. Name of Individual Receiving Allegation:

(First two initials and last name)

7. Office:

		R	V
--	--	---	---

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name)

D.F. Kieroff

9. FTS Telephone Number:

4 6 3 - 2 8 2 3

10. Status:
(Check one)

Open, if followup actions are pending or in progress
 Closed, if followup actions are completed

11. Date Closed:

MM DD YY

--	--	--	--	--	--

11.1 Document Nos. 34

12. Remarks:
(Limit to 50 characters)

12.1 Man-hours/Date
13. Allegation Number:

Office Year Number

		R	V	-	8	3	-	A	-	0	0	7	3
--	--	---	---	---	---	---	---	---	---	---	---	---	---

X33

QUALITY MEETING

ATTENDING: R. Wilson, J. Thompson, G. Boling, D. Shealy, J. Rothstein

SUBJECT: Purchase Order Document Deficiency Notices

1. Regarding Commercial grade items - *Memo 9-20-83*
R. Wilson will write a memo regarding what is acceptable.
2. If something is done wrong to procedure, but if material OK, (i.e., no NCR condition), then we may be able to justify - e.g., "does not effect integrity of plant."
3. Letters of Compliance - do they have to come from manufacturer or supplier? *Memo 10-17-83*
R. Wilson will write a memo that it is OK to accept Letters of Compliance from manufacturer or supplier.
4. Certification of Weld Rod.
R. Wilson will write memo that "Typicals" will be acceptable for all weld rod. *Memo 9-20-83*
5. Backdating of quality documentation is not to be done.

Don Shealy

D. F. Kirsch

7PM on 1/14/83
at NRC

RECEIVING OFFICE

1. Facility(ies) Involved:
(If more than 1, or if generic, write GENERIC)

Doble Canyon Unit 1
" " Unit 2

Docket Number (if applicable)

050 00275
050 00323

2. Functional Area(s) Involved:
(Check appropriate box(es))

operations
 construction
 safeguards
 other (Specify) _____
 onsite health and safety
 offsite health and safety
 emergency preparedness

3. Description:
(Limit to 100 characters)

P W E D O E S N O T F U L L Y C O M P L E
Y W I T H A W S D I . 1 R E S . A C : 1 1 2
P A R T I A L P E N W E L D S I Z E A N
D P R E H E A T O N P I P E S U P P T S .

4. Source of Allegation:
(Check appropriate box)

contractor employee
 licensee employee
 NRC employee
 organization (Specify) _____
 other (Specify) *Boiler Contract Employee*
 security guard
 news media
 private citizen

5. Date Allegation Received:

MM DD YY
1 2 2 0 8 3

6. Name of Individual Receiving Allegation:

(First two initials and last name) *T.W. Bishop From ISA via (RII)*
D.F. Kirsch from ALLEGOR CONTACT,
on 12/22/83

7. Office:

RY

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name) *D.F. KIRSCH*

9. FTS Telephone Number:

463-3723

10. Status:
(Check one)

Open, if followup actions are pending or in progress
 Closed, if followup actions are completed

11. Date Closed:

MM DD YY
11.1

Document Nos. *261*

12. Remarks:
(Limit to 50 characters)

12.1 Man-hours/Date
13. Allegation Number:

Office Year Number
RY-83-A-6079

Problem Statement

Allegation #(s): . 126
ATS No.(s): RVB3A79
EN(s): N/A

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

Allegation# Verbatim Statement or Reference

126 P&E has not implemented a consistent set of weld symbols for engineers and contractors.

Commentary

The characterization of allegation No. 126 is inconsistent with the allegation description of the attached allegation data form - (RVB3A079). This inconsistency is because this allegation (No. 126) is but one of four concerns expressed by the allegor. The allegation description in RVB3A079 was the staff's paraphrasing of the allegor's description of the concern.
Date This Statement was Completed 3/12/84 Gregory Alexander
Technical Reviewer Signature

Additionally, Allegation No. 126 has also been paraphrased by the staff from the notes attached to ATS No. RVB3A079.

NAME :

ADDRESS :

TELEPHONE NO. :

TITLE: FIELD ENGINEER

OCCUPATION: FIELD ENGINEER (NONDEGREE), PIPING AND PIPE SUPPORTS

EMPLOYER: CONTRACT EMPLOYEE TO BECHTEL

1. MVR SUBMITTED DURING SEPT/OCT. 83 PRESENTED TO NRC

MVR WAS:

a. NEVER ACCEPTED BY BECHTEL AND NEVER PROCESSED.

b. Deficient Welding Symbolology Problem

2. PREHEATING OF TUBE S02 TO SHOWN WELDING NOT DONE

• This is a code interpretation problem of TABLE

2.7. FAWSD 1.1

3. Overwelding caused EMBED PLATE TO YIELD AT LEMINATION
UNITE CONT. ^{UNITE CONT. 10" N 24" DIA.}
& BOWED. PULLMAN DOESN'T DOCUMENT AS-BUILT
OVERWELDING, MERELY DESIGN SIZE.

126

b. square groove welds since all over - are put in without parenthesis but indicates $\frac{1}{4}$ or $\frac{1}{2}$ depth of preparation. Square groove is a standard non-prepped butt joint. Don't understand what prep req stands on DWG (part of MIL) ?
 Question never answered!

Ans from SF implies that square groove welds ~~are~~ considered as seal welds with no structural integrity.
 of the given.

* Concern for HAZ of undercuts! Cracking due to cooling too fast due to putting in too little weld metal (used smaller than AWS minimum weld size.)
 will not be able to fix in

12/22/83 telere between Kirsch & Alkyer

[Redacted]

- PTGC Contract to Richtel

Confidentiality requested.

[Redacted]

1. Men's written ^{by [Redacted] 12/23/83} identifying a problem regarding an inconsistent use of welding symbols on the drawings (change of code what standard was to be used in interpretation of Dave Symonds. Memo was addressed to [Redacted])

26

[Redacted] (memo could state if [Redacted] Do these problems are in case of a front welds - straightened prepared ex pipe supports (partial for walk) to drawing depth requirements. 1978 edition AWS D1.1 Fig 2.10.1 (single / double bevel groove) column says 5/8" depth of prep. 1/2" for effective throat. Then eff throat is given in TB 2.10.3.

D1.1 committee on 2.1.3 on page 2.15 (R3) says Eng. must specify 5/8" depth of groove without having to specify pre. used, etc-etc-etc.

1/2" must be deducted from prep. depth - This must be included in 5/8" depth of prep.

→ * welds do exist in field do not have D1.1 effective throat requirements

BAC is beginning to connect - but its been making to connect past installations

→ * Reported milk not covered in our 2 months by [Redacted] around recently that Eng. must not connect with it was too to spend on more of time on this problem.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1890 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

SUMMARY OF SPECIAL INSR - RELATED INFORMATION

CONFIDENTIAL SOURCE:

YES

NO

WASIO CANYON

DATE 1-2-84 TIME INITIATED _____ TIME COMPLETED _____

MEETING -
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

PARTICIPANTS NRC:

OTHER:	NAME	ORGANIZATION	YES ON SITE
	[REDACTED]	[REDACTED]	[REDACTED]

CALLED NO.

CALLING NO.

PARTY: Afraid of redistribution
ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
WARRANT QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

- Problems or concerns are taken to
mgmt thru proper channels and
resolved satisfactorily.

"Best job I been on in regards to
safety" - E. G.

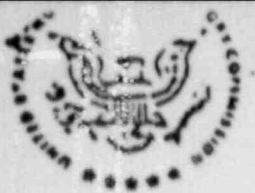
No improper mgmt pressures

WRITTEN BY W. J. Wagner

DATE 1-2-84

PAGE OF _____

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NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

MARLBOROUGH CANYON

DATE 1/5/84	TIME INITIATED 1345	TIME COMPLETED 1355
PARTICIPANTS REC: SD REYNOLDS, JR		
OTHER: NAME	ORGANIZATION	TYPE OF SITE
[REDACTED]		
LOCATION CALLED NO.	CALLING NO.	

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

NOTE: ^{Afraid of retribution}
ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
WOULD QUESTION: TO 'CUT CORNERS' (i.e. sacrifice safety to meet schedules, etc)?

[REDACTED] IS A PG&E EMPLOYEE WORKING IN THE ELECTRICAL
AREA. HIS FORMER ELECTRICAL WORK WAS IN THE HYDRO
PLANTS. HE THINKS PG&E IS A GOOD CORPORATION. HE
KNOWS OF NO IMPROPER MANAGEMENT PRESSURES TO
CUT CORNERS WHICH MIGHT SACRIFICE SAFETY. HE
RECENTLY PURCHASED A HOUSE IN THE GENERAL
AREA OF THE PLANT. HE KNOWS OF NO INTIMIDATION
OF EMPLOYEES.

WRITTEN BY SD REYNOLDS, JR	DATE 7/9/84	PAGE 1
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REGION V FORM: 113



NUCLEAR REGULATORY COMMISSION

REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

JASLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/6/84	11:45 AM	11:55 AM
PARTICIPANTS NRC: SD REYNOLDS JR		
OTHER: NAME	ORGANIZATION	YRS ON SITE
[REDACTED]		
LOCATION	CALLING NO.	
CALLED NO.		

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

NOTE: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRACTICES (i.e. sacrifice safety to meet schedules, etc)?

[REDACTED] INDICATED [REDACTED] IS THE [REDACTED] PRIOR TO EMPLOYMENT AT THE SITE [REDACTED] HAD NO SPECIFIC NUCLEAR EXPERIENCE. [REDACTED] IS NOT AWARE OF IMPROPER MANAGEMENT PRACTICES ADVERSELY AFFECTING SAFETY. [REDACTED] DOES NOT KNOW OF ANY INTIMIDATION ACTIONS BY THE LICENSEE OR (N).

TYPED BY: SD REYNOLDS JR

DATE: 1/6/84

PAGE: 1 OF 1

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REGION V FORM 113



NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE

YES

NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

DIABLO CANYON

DATE	11/6/84	TIME INITIATED		TIME COMPLETED
TYPE	Allegation - Inspection of 1/5/84 1/12/84	PARTICIPANTS	NEO: A. B. P. AC	
() MEETING	QC personnel	OTHER NAME		YES ON SITE
() INTERVIEW	Inspector			
() TELEPHONE CALL				
COLLECT () YES () NO				
() OTHER				
	LOCATION			
	CALLED NO.			CALLING NO.

STANDARD QUESTIONS: 1 ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?

No

2 Do you feel intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of management?

No

3 Do you feel that the Diablo Canyon Project is a quality job and that, after the completion of a successful testing program it would be safe to operate?

Yes

4 Do you consider that QC Inspectors were qualified prior to 1983? Yes He considered that they were qualified, however, this qualification was based on-job-training, experience and education. As of 2/83 the requirements were interpreted in the more conservative direction.

WRITTEN BY	Albert P. Puff	DATE	1-6-84	PAGE	OF
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EXEMPT FROM DISCLOSURE BY FOIA TO THE EXTENT PERMITTED BY OR PRIVACY ACT (5 USC 552 (b) (2))

X-40
REGION V FORM: 113



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

DIABLO CANYON

DATE: <i>11/7/84</i>	TIME INITIATED: <i>9:30 a</i>	TIME COMPLETED: <i>10:15 a</i>
PARTICIPANTS: <i>NEC: E. H. Girard / John Fair</i>		
OTHER: NAME	ORGANIZATION	YES, ON SITE
[REDACTED]		
CALLED NO.	CALLING NO.	

MEETING
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES AND/OR QUESTIONS TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

Reply: No.

2. Q: Do you feel intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of your management, the NRC or PG&E?

R: No.

3. Q: Do you have any concerns regarding the construction of this plant that you feel might affect the safe operation?

R: There are a few things -

(1) The original test conducted by PG&E in determining ~~it~~ ^{its} ~~meets~~ ^{meets} ~~both~~ ^{both} criteria were not properly documented and the results were not properly analyzed. ^{See DR-288.} JOHN FAIR IS HANDLING THIS ISSUE.

(2) The construction drawings do not properly or clearly identify ^{specifics} as to unit and work for unit 1 may be done as unit 2 or vice versa. Also, drawings with the same revision number may not be the same. See NRC 8802-883 ^{Rev.} gives best example.

WRITTEN BY: *E. H. Girard* DATE: *11/7/84* PAGE OF: *4*

copy attached

ORIGINAL

THE HOWARD P. FOLEY COMPANY
NONCONFORMANCE REPORT

Page <u>1</u> of <u>2</u>	NUMBER: 8802-883 REV. 2
ATTACHMENTS Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	DATE: 8-24-83
HOLD TAG # REMOVED	
BY _____	DATE _____

DESCRIPTION: S221 REV. 24 Support
REF. Support 2F-91-3-13

C.O. #4376

REF. HPF/IR NUMBER: N/A

UNIT I UNIT II /LOCATION VARIOUS CLASS I NON-CLASS I

INSPECTION CRITERIA: DRAWING SPECIFICATION PROCEDURE

DOCUMENT TITLE AND NUMBER: DWG. 050030 QCP-9, QCP-5A

DESCRIPTION OF NONCONFORMANCE: (Including Cause)

1. Current revision of DCO-GE-2593 specifies that Note 5 shall be used if beam clamps are utilized for support, Detail S221 REV. 24 (torque and tack weld). Discrepancy exists in that there is no prequalified WPS procedure to use tack welds, at this time.
2. The current S221 support detail has deleted Note 5 without any revision change or revision date prior to the inspection of C.O. #4376.

NOTE: This is a general problem for Detail S221.

(CONTINUED ON PAGE 2)

INITIATED BY *Michael J. Stehle* DATE 8-24-83 Q.C. SUPERVISOR REVIEW *Mike [Signature]* 03. DATE 8-24-83

H.P. FOLEY DISPOSITION:

DISPOSITION BY _____ DATE _____ QUALITY REVIEW _____ DATE _____

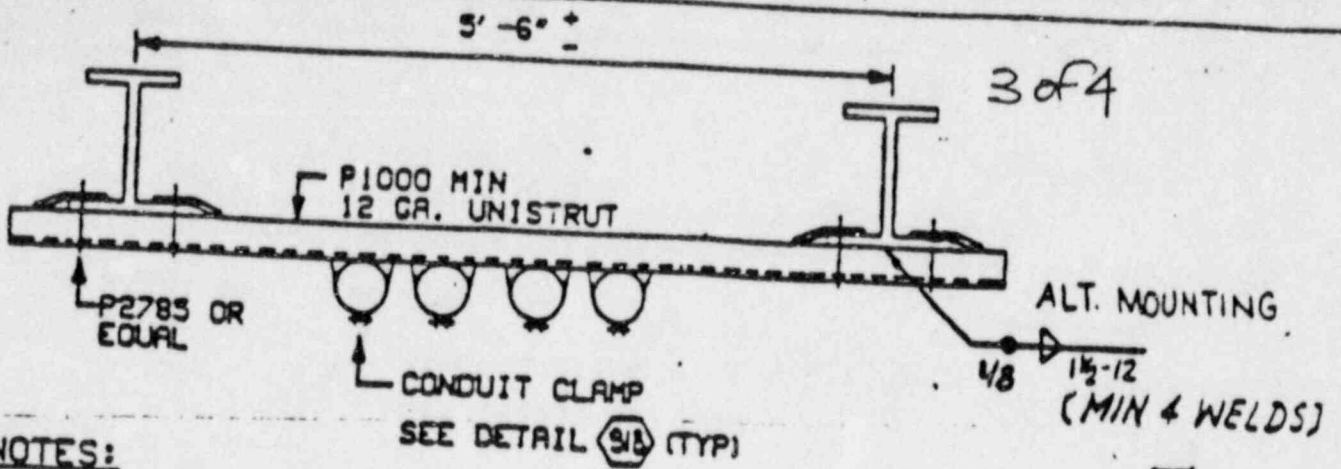
P.G. & E. DISPOSITION OR CONCURRENCE:

P.G. & E. Co. _____ DATE _____

DISPOSITION ACCOMPLISHED

VERIFIED BY _____ DATE _____ Q.C. SUPERVISOR _____ DATE _____

HPF/NCR 7-18-83



NOTES:

1. ALL CONNECTIONS WITH 1/2" Ø UNISTRUT NUTS AND BOLTS EXCEPT AS NOTED
- △ 2. SUPPORT SPACING @ 2'-0" MAX. LOADING 4-4" Ø CONDUITS, OR EQUAL WITH P1000 MIN.
3. SUPPORT SPACING @ 8'-0" MAX LOADING 2-4" Ø CONDUITS, OR EQUAL, WITH P1000 MIN.
4. SUPPORT SPACING @ 8'-0" MAX LOADING 4-4" Ø CONDUITS, OR EQUAL, WITH P5500 MIN.

SEE DETAIL (S221) (TYP)

NOT TO BE USED FOR CONSTRUCTION
 ISSUED FOR INFO ONLY
 Not for Reproduction

RECEIVED
 DOCUMENT CONTROL
 JUN 12 1962
 HOWARD AVILA
 ENGINEER

AREA	ELEVATION
F	117'
FE/FW	117'
G	117', 140'

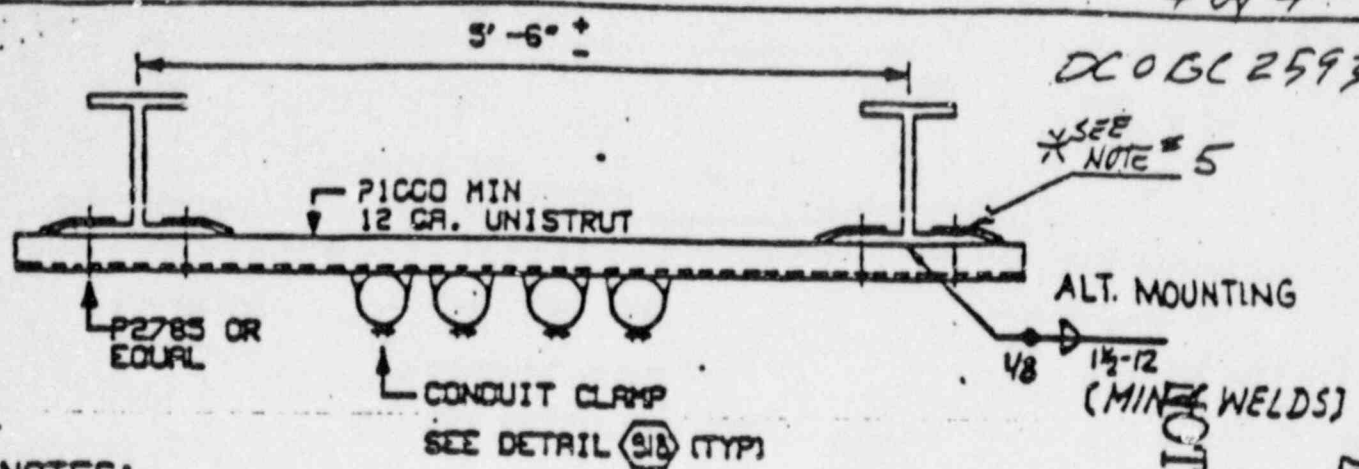
DETAIL (S221)

TYPICAL ARRANGEMENT OF RACEWAY SUPPORT FROM STEEL BEAMS

35 MIN NEG

4 of 4

DC 06C 2593



NOTES:

1. ALL CONNECTIONS WITH 1/2" Ø UNISTRUT NUTS AND BOLTS EXCEPT AS NOTED
- △ 2. SUPPORT SPACING @ 2'-0" MAX. LOADING 4-4" Ø CONDUITS, OR EQUAL WITH P1000 MIN.
3. SUPPORT SPACING @ 8'-0" MAX. LOADING 2-4" Ø CONDUITS, OR EQUAL, WITH P1000 MIN.
4. SUPPORT SPACING @ 8'-0" MAX. LOADING 4-4" Ø CONDUITS, OR EQUAL, WITH P3500 MIN.
5. IF BEAM CLAMPS ARE USED, TORQUE NUTS TO 10 FT/LBS MIN., AND THEN TACK WELD NUTS TO BOLTS.

RECEIVED DOCUMENT CONTROL

MAR 12

HOWARD P. ...

ISSUED FOR INFO ONLY NOT TO BE USED FOR CONSTRUCTION

Not for Reproduction

AREA	ELEVATION
F	117'
FE/FW	117'
G	117, 140'

DETAIL S221

TYPICAL ARRANGEMENT OF RACEWAY SUPPORT FROM STEEL BEAMS

DIABLO CANYON

PG & E CO.
SHEET 225 OF SHEETS

050030

CHANGE
2.4



NUCLEAR REGULATORY COMMISSION

REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

ARSO CANYON

DATE: 1-2-84 / /	TIME INITIATED	TIME COMPLETED
PARTICIPANTS NEC: OTHER: NAME ORGANIZATION YRS. ON SITE		
[REDACTED]		
LOCATION	CALLING NO.	
CALLED NO.		

MEETING -
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

QUESTION: ^{Afraid of retribution} ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

Have not been employed long enough to give objective opinion. They feel that at this time ~~they~~ mgmt could handle any concerns regarding safety or quality.

Safety first - especially in his line of work.

[REDACTED] worked 8 1/2 years in the oil fields and is much impressed with the concern for safety expressed in the nuclear field (compared to the oil fields).

WRITTEN BY: WJ Wagner	DATE: 1-2-84	PAGE OF
		X-42
		REGION V FORM: 113



NUCLEAR REGULATORY COMMISSION

REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

LIASO CANYON

DATE 1-7-84	TIME INITIATED	TIME COMPLETED
PARTICIPANTS NEC:		
OTHER:	NAME	ORGANIZATION
[REDACTED]		
LOCATION:		YRS. ON SITE
CALLED NO.		CALLING NO.

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

- No pressures from mgmt on identifying items of concern
Both think articles in newspaper on retrobutions from mgmt for identifying problems is caused by knickpickers.

WRITTEN BY WJ Wagner DATE 1-7-84 PAGE 1 OF 1

X-413
REGION V FORM: 113



NUCLEAR REGULATORY COMMISSION
 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

LIASLO CANYON

DATE: 1-2-84	TIME INITIATED: 9:12	TIME COMPLETED:
PARTICIPANTS NEC:		
OTHER NAME:	LOCATION:	YES. ON SITE:
[REDACTED]		
LOCATION CALLED NO.:	CALLING NO.:	

E
 MEETING -
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

QUESTION: ^{afraid of retribution} ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

- No pressure from mgmt to cut corners
 "I would know" They (mgmt) follow procedures closely.

- If he has any concerns he can go to superintendent whom immediately checks it out and responds back "quickly" to him.

- No "undue" pressure from mgmt to keep ^(meet) work schedules.

WRITTEN BY: KJ Wagner

DATE: 1-7-84 PAGE OF

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REGION V FORM: 113



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:
YES
NO

SUMMARY OF SPECIAL INSP. RELATED INFORMATION

LABLO CANYON

DATE	1/17/84	TIME INITIATED	2:30	TIME COMPLETED	2:45
MEETING - INTERVIEW TELEPHONE CALL COLLECT () YES () NO OTHER	PARTICIPANTS		REC: J. R. Fair		
	OTHER: NAME	SEC	ORGANIZATION	YES. ON SITE	
	LOCATION		CALLING NO.		
	CALLED NO.				

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
AND/OR QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

No management pressures to cut corners
No intimidation
No problems from supervisors if problems are brought up

WRITTEN BY	John R. Fair	DATE	1/19/84	PAGE	OF
				X-415	
				REGION V FORM: 113	



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

LIASLO CANYON

DATE	1/17/84	TIME INITIATED	2:15	TIME COMPLETED	2:30
MEETING	PARTICIPANTS NRC: J.R. Fair				
INTERVIEW	OTHER: NAME	PHN	ORGANIZATION	YES ON SITE	
TELEPHONE CALL	[REDACTED]				
COLLECT () YES () NO					
OTHER	LOCATION	CALLED NO.		CALLING NO.	

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

ANSWER: No management pressures to cut corners
 No intimidation
 No problems from supervisors if problems are brought up

TYPEN BY	John R. Fair	DATE	1/17/84	PAGE	1	OF	1
				X-416			
				REGION V FORM: 113			



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

LABLO CANYON

DATE 11/7/84	TIME INITIATED 1:30	TIME COMPLETED 1:45
PARTICIPANTS OTHER: NAME		ORGANIZATION
NEC: J. R. FAIR 404		YES. ON SITE
[REDACTED]		
LOCATION CALLED NO.		CALLING NO.

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?

No management pressures to cut corners
No intimidation
No problems from supervisors if problems are brought up

WRITTEN BY John R. Fair	DATE 1/7/84	PAGE 1 OF 1
[REDACTED]		X-417
REGION V FORM: 113		



NUCLEAR REGULATORY COMMISSION
 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

AAASO CANYON

DATE 1-7-84 TIME INITIATED 8:11 TIME COMPLETED

MEETING -
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

PARTICIPANTS NEC:
 OTHER: NAME [REDACTED] YES ON SITE

LOCATION Unit 1
 CALLED NO. CALLING NO.

QUESTION: ^{Afraid of retributions} ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO 'CUT CORNERS' (i.e. sacrifice safety to meet schedules, etc)?

No mgmt pressure to cut corners in order to meet production schedules. He reports nonconformances, if any, to foreman with no worry about retributions.

WRITTEN BY J. Kennedy

DATE 1/7/84 PAGE OF

X-48



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

LIABO CANYON

SSN: 25	DATE: 11/7/84	TIME INITIATED: 1:10	TIME COMPLETED: 1:25
TYPE <input type="checkbox"/> MEETING <input checked="" type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE CALL COLLECT () YES () NO <input type="checkbox"/> OTHER	PARTICIPANTS OTHER: NAME NEC: J. R. FAIR ORGANIZATION YES. ON SITE		
	[REDACTED]		
	LOCATION CALLED NO.	CALLING NO.	

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc.)?

ANSWER: No management pressures to cut corners.
 No intimidation
 (No problems from supervisors if problems are brought up

WRITTEN BY: John R. Fair	DATE: 1/7/84	PAGE 1 OF 1
[REDACTED]		X-97 REGION V FORM: 113



NUCLEAR REGULATORY COMMISSION

REGION V

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WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

LABLO CANYON

NR: <u>Gonzalo Hernandez</u>	DATE <u>1/9/84</u>	TIME INITIATED	TIME COMPLETED
------------------------------	-----------------------	----------------	----------------

E
MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

PARTICIPANTS		ORGANIZATION	YRS. ON SITE
OTHER:	NAME		

KEY: Afraid of retribution
 ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 WOULD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?:

Not aware of any management pressure — it would
 be hard to intimidate me [redacted] I have been
 around too long.

Experience as follows:



WRITTEN BY G. Hernandez

DATE 1/9/84 PAGE OF

X-50
 REGION V FORM: 113



UNITED STATES
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 WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

ASLO CANYON

DATE: 1/19/84 TIME INITIATED: 11:00 AM TIME COMPLETED: 11:15 AM

MEETING INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

OTHER: NAME	NEO: #EN	J. R. FAIR ORGANIZATION	YRS. ON SITE
[REDACTED]			
LOCATION CALLED NO.		CALLING NO.	

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES OR STANDARD QUESTIONS TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?

No pressures from management to cut corners on work
 No intimidation
 No pressures from management out to bring up concerns or problems.

INTERVIEW BY: John R. Fair DATE: 1/19/84 PAGE 1 OF 2

X-5B
 REGION V FORM: 113



UNITED STATES
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REGION V

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CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

MASLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/19/84	2:25	~ 2:40
PARTICIPANTS NEC: H. Wong		
OTHER NAME	ORGANIZATION	YES ON SITE
[REDACTED]	Insta & C SUPV	
LOCATION CALLED NO.	CALLING NO.	

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

QUESTION: ① ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
AND/OR QUESTIONS TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?
- YES, IN BEGINNING (~ FEB / MAR) NOW THINGS ARE FIN.

QUESTION: ② DO YOU FEEL INTIMIDATED OR FOR ANY REASON DO YOU HAVE
RELEVANT ABOUT BRINGING OUTSIDE OR SAFETY CONCERNS
TO THE ATTENTION OF MGMT? NO

QUESTION: ③ DO YOU FEEL ANY FORM OF RETALIATION (PUNISHMENT) HAS BEEN
UPON THESE INDIVIDUALS OR GROUPS WHO IDENTIFIED &
HAVE KNOWN QUALITY PROBLEMS? DO YOU KNOW OF
INDIVIDUALS OR YOU (YOURSELF)? NO

QUESTION: ④ DO YOU KNOW OF ANY SAFETY SIGNIFICANT PROBLEMS
THAT HAVE NOT BEEN IDENTIFIED BEFORE?
CRAPTS SHOULD BE MORE KNOWLEDGEABLE IN THEIR JOB;

ANCHORS BOLTS INSPECTED ON 10% BASIS BUT ON
INSTA. SUPPORT ONLY 2 BOLTS USED. SOME SUPPORT
MAY NOT BE TESTED; CANNOT TELL QUALITY

is. reports that
challenge
30% or 100%
map. could done
S.A.V.

IF IT IS NOT CHECKED PROUSNAC (ACP-9
New HX Gold Colmaga (50-100% TESTING)

X-50



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CONFIDENTIAL SOURCE:
YES
NO

80

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

DIABLO CANYON

ISSUE: 25	DATE: 12/1/83	TIME INITIATED: 11:15 am	TIME COMPLETED: 3:00 p
TYPE <input type="checkbox"/> MEETING <input checked="" type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE CALL COLLECT <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> OTHER	PARTICIPANTS NEC: J. R. Fair OTHER: NAME ORGANIZATION YRS. ON SITE		
	[REDACTED]		
	LOCATION CALLED NO.		CALLING NO.

SUMMARY:

ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES

STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?

Was not aware of any pressure by management to accept work or reluctance of management to follow up on NCRs

Concerns: ① Does not think the Red Head Anchor bolts are any good since they were all replaced at Fermi.

② Stated that another QC inspector (not named) had a concern on weld rod control.

WRITTEN BY: John R. Fair	DATE: 12/1/83	PAGE OF: 1 1
--------------------------	---------------	--------------



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REGION V
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WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
YES
NO

SUMMARY OF SPECIAL INSP - RELATED INFORMATION

DIABLO CANYON

TYPE: <input type="checkbox"/> MEETING <input type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE CALL COLLECT <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> OTHER	DATE 1/11/84	TIME INITIATED	TIME COMPLETED
	PARTICIPANTS OTHER: NAME NRC: 404 ARuff ORGANIZATION YES. ON SITE	LOCATION CALLED NO. [REDACTED] CALLING NO. [REDACTED]	

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES STANDARD QUESTIONS: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule's, etc)?

ANSWER: No. But based on newspaper accounts there appears to be some validity to improper management pressures.

QUESTION: Do you feel intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of management?

ANSWER: No.

QUESTION: Do you feel that the Diablo Canyon Project is a quality job and that, after the completion of a successful testing program it would be safe to operate?

ANSWER: No. I feel that there are anchor bolts (and many items are being specified) are not per spec. These errors are being corrected but are being disposition by the contractor. General comment: H.P.F. vault does not have sufficient Five protection. Believes an NCR was issued but rejected by NRC.

QUESTION: O.C.P. very general

ANSWER: Training Records with regard to revisions of O.C.P. procedures & changes. Are not mandatory.

WRITTEN BY: ARuff

DATE: 1-11-84

PAGE OF: 1/1

BY FOLLOWING THE US. PATENT, TRADE SECRET, OR PRIVACY ACT (5 USC 552 (b) (1) (C))



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CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

LIABLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
11/9/84	11:15	11:30
PARTICIPANTS		NEC: J. R. Fair
OTHER: NAME	ORGANIZATION	YES. ON SITE
[REDACTED]		
LOCATION CALLED NO.	CALLING NO.	

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

STANDARD QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

No pressures from management to cut corners on work

No intimidation

No pressures from management not to bring up concerns or problems

WRITTEN BY	DATE	PAGE OF
John R. Fair	1/9/84	1
REGION V FORM: 113		5



NUCLEAR REGULATORY COMMISSION

REGION V

1990 N. CALIFORNIA BOULEVARD
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CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL NISP - RELATED INFORMATION

DIABLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/19/84	N/A	N/A
TYPE: Allegation - In 30th of 45 on 1/11/84		
() MEETING () INTERVIEW () TELEPHONE CALL COLLECT () YES () NO () OTHER	PARTICIPANTS OTHER: NAME NEO: AR, H	ORGANIZATION YES, ON SITE
LOCATION CALLED NO.		
CALLING NO.		

SUMMARY: ① ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

No

② Do you feel intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of management?

No


③ Do you feel that the Diablo Canyon Project is a quality job and that, after the completion of a successful testing program it would be safe to operate?

Yes

④ Do know of any case in which Non-Safety related cable has been used in Safety-Related applications? No

WRITTEN BY Albert R. Ruff DATE 1-9-84 PAGE 1 OF 1

EXEMPT FROM DISCLOSURE BY EXEC. ORDER 12958 (2) AND/OR PRIVACY ACT (5 USC 552 (b) (2))

Question for 

1. Are you aware of any circuits (C Series?) whose documentation does not provide wire reel numbers?
2. Are you allowed to write NCR's or IR's?
3. Have you been intimidated or threatened with retaliation as a result of your identifying quality problems?
If so, by whom and under what circumstances?

CONVERSATION RECORD

TIME 1330

DATE 1-10-84

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING
 OUTGOING

ROUTING	
NAME/SYMBOL	INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

[REDACTED]

ORGANIZATION (Office, dept., bureau, etc.)

NASA-AMES

TELEPHONE NO.

965-5105

BOSTRUM BERGEN METAL PRODUCTS

SUMMARY

[REDACTED] ADVISES BOSTRUM BERGEN DID WORK ON AMES WIND TUNNEL FOR NASA-AMES. [REDACTED] STATED THAT NASA-AMES HAD TO TAKE OVER MANAGEMENT OF BOSTRUM-BERGEN CONTRACT AS THEY COULD NOT MEET SCHEDULE AND COULD NOT WORK TO NASA-AMES SPECIFICATIONS AND PROCEDURES.

[REDACTED] ADVISED THAT THE WIND TUNNEL DID FAIL AND A PART OF THE FAILURE WAS WELDING DONE BY BOSTRUM-BERGEN. [REDACTED] STATES AMES NASA HAS A HENRY REPORT ON FAILURE AND ALSO A 90 MIN. VIDEO TAPE.

[REDACTED] FEELS THE BEST THING WOULD

NAME OF PERSON DOCUMENTING CONVERSATION

[Signature]

SIGNATURE

[Signature]

DATE

1-10-84

ACTION TAKEN

INFO GIVEN TO TOM BISHOP

SIGNATURE

[Signature]

TITLE

DATE

50271-101

GPO : 1980 O - 361-576 (7227)

CONVERSATION RECORD

OPTIONAL FORM 271 (2-79)
DEPARTMENT OF DEFENSE

X-55

CONVERSATION RECORD

TIME

DATE

TYPE

 VISIT CONFERENCE TELEPHONE INCOMING OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

ROUTING

NAME/SYMBOL INT

SUBJECT

SUMMARY

BE FOR INVOLVED NRC PEOPLE TO COME SEE HIM @ NASA AS HE WILL BE ABLE TO NARROW THE SCOPE DOWN TO WHAT NRC IS INTERESTED IN.

[REDACTED] WAS WILLING TO FORWARD TO NRC BOTH A COPY OF THE REPORT AND THE VIDEO TAPE.

[REDACTED] STATED NASA-AMES IS NOW SING BOSTRUM BERGEN IN REF. TO THE FAILURE. THE NASA ATTN. HANDLING THIS MATTER IS A ROSAMOND FRENCH.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

SIGNATURE

TITLE

DATE



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WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:

YES

NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

DIABLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/10/84	3:00 p	3:15 p
PARTICIPANTS NRC: E.H. Girard		
OTHER: NAME	ORGANIZATION	YES. ON SITE
[REDACTED]		
CALLED NO. /		CALLING NO.
Diablo Canyon Site		

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

4ARY:
1. STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?:

Reply: No.

2. Q: Are you aware of any matters which would cause you to be concerned about the safety of the plant?

R: No.

ATTEN BY	DATE	PAGE OF
E.H. Girard	1/10/84	1 1



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CONFIDENTIAL
 YES
 NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

LABLO CANYON

RE: <i>Allegation Investigation of 115- 1/12/84</i>	DATE <i>1/11/84</i>	TIME INITIATED	TIA
MEETING - INTERVIEW TELEPHONE CALL COLLECT () YES () NO OTHER	PARTICIPANTS OTHER: NAME	NEC: <i>A Ruff</i> ORGANIZATION	YES. ON SITE
LOCATION CALLED NO.		CALLING NO.	

QUESTION: *①* ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES OR TENDENCIES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?
 ANSWER: *No*

QUESTION: *②* Do you feel intimidated or for any reasons do you have reservations about bringing quality or safety concerns to management?
 ANSWER: *No*

QUESTION: *③* Do you know of any reprisals against employees that have brought up allegations or safety concerns?
 ANSWER: *No*

GENERAL COMMENT: *HPE Records Vault has little or no fire protection other than*
(a) Personnel restricted
(b) NO smoking (He doesn't believe that there is a fire extinguisher in the vault)

ATTEN BY: *A Ruff* DATE: *1-11-84* PAGE: *1* OF *1*



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CONFIDENTIAL

YES
NO

4. *[Handwritten initials]*

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

DIABLO CANYON

DATE 1/12/84		TIME INITIATED ~ 3:00p	TIME ~ 3: -p
PARTICIPANTS NRC: E. N. Girard			
OTHER: NAME	ORGANIZATION	YES ON SITE	
[Redacted]	Foley	[Redacted]	
LOCATION Diablo Canyon site			
CALLED NO.		CALLING NO.	

MEETING
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

COPY

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO 'CUT CORNERS' (i.e. sacrifice safety to meet schedules, etc)?

Reply: No. - Except that he doesn't believe that the procedure for checking anchor bolt angle is proper. They check the installed bolt but should check the hole angle instead. *JOHN FAIR IS HANDLING THIS ISSUE.*

2. Question: Do you feel intimidated or for any reason do you have reservations about bringing quality concerns to the attention of your management, PG&E or the NRC?

Reply: Yes. Worries about [Redacted] but has not let it stop him from identifying problems. When [Redacted] fired [Redacted] it pretty much stopped everyone from writing up any problems for a few days.

3. Do you have other concerns?

Reply: There are problems with drawing control & walk symbols. Changes come thru that change revisions that crawl out.

Note: I brought Phil Morrill (NRC PE) to talk to him (Pace) about drawing problems. (OVER)

WRITTEN BY *E. N. Girard* DATE *1/13/84* PAGE *1* OF *1*

4. You knew [REDACTED] Do you know how to contact him?

Reply: Yes [REDACTED] furnished telephone number on 1/13/84

5. Do you have any concerns that you think would affect the future safe operation of the plant?

Reply: No.

PREVIOUS EXPERIENCE:

[REDACTED]



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#60

CONFIDENTIAL SOURCE:
YES
NO

DIABLO CANYON

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

ISSUE:	DATE 11/13/84	TIME INITIATED 9:24 am	TIME COMPLETED
TYPE <input checked="" type="checkbox"/> MEETING <input type="checkbox"/> INTERVIEW <input type="checkbox"/> TELEPHONE CALL <input type="checkbox"/> COLLECT () YES () NO <input type="checkbox"/> OTHER	PARTICIPANTS OTHER: NAME		
	NEC: Bishop, Power, Schellenberger FILEY FILEY Sme.		
LOCATION CALLED		CALLING NO.	

COPY

to 60

SUMMARY: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES STANDARD QUESTIONS: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?:

1. CYB Documents relating to Vendor qualification question are now ready for NRC. (Check Effective 10/6/84 of this issue)
 - a. First Suspicion in 1982. Commercial grade metal qualification started. (PG&E has NCR on this issue)
 - b. [redacted] put together one [redacted] [redacted] the [redacted].
 - c. 2/12 & 20/1974 PG&E audits
 - d. Bid Spec 8902 TP 4/123 page 5-4.
- in 1975 PG&E implemented a method different than the Spec Requirement however PG&E DID NOT Effectively Manage the Bid Spec Content BECAUSE THE SPEC WAS NOT REVISED IN THIS AREA.
- e. NCR (0073) issued in 1983

* starts FILEV LTR TO PG&E regarding Bid Spec changes Bid Spec was not formally [redacted]

WRITTEN BY [redacted] 10:25 am [redacted] DATE 1/13/84 PAGE 1 OF

BY: T. J. [redacted] [redacted]

X-59
REGION V FORM: 113
V



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 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

DIABLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/13/84	12:05 p	12:40 p
SUBJECT: <u>Diablo Canyon Concerns</u>		
PARTICIPANTS: <u>REC: E. H. Girard</u>		
OTHER: NAME	ORGANIZATION	YES. ON SITE
[REDACTED]		
LOCATION	Diablo Canyon site	
CALLED NO.	CALLING NO.	

MEETING
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES OR "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

Reply: Just extreme pressure against writing NCRs. Foley (at Diablo Canyon) is not very quality oriented. Sam Onopre was very quality oriented when he worked there [REDACTED]

2. Do you feel intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of your management, PG&E or the NRC.

Reply: No. (Except as noted in answer to question 1).

3. Do you have any safety concerns that you feel might affect safe operations of the Diablo Canyon plant?

Reply: We don't meet five separation criteria (eg. of Regulatory Guide 1.75 - as in threaded rods 1 and 3)

Other Comments:
 [REDACTED]

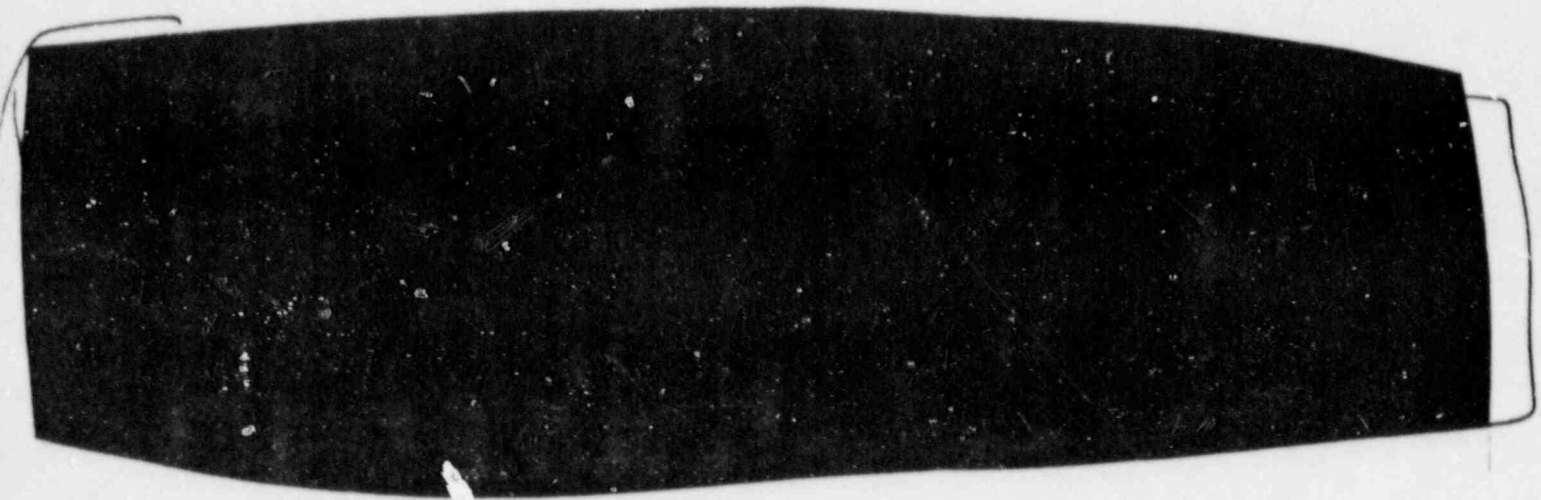
(OVER)

INITIATED BY: E. H. Girard DATE: 1/13/84 PAGE OF

1-11-D

b. There is no testing, not even normal eye tests for
Foley inspectors at Drablo Canyon.

c. [redacted] may have been ok at reviewing welding
procedures but he was not too good as a weld inspector -
he didn't do much either. For example I [redacted] was
pushed to accept some welds that had been painted. I
refused with out point removal. They indicated I was being
to picky. [redacted] looked at the welds + said they were
ok so did [redacted] of Bechtel. Finally they took the paint
off and the welds were found unacceptable.





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#137, 139, 140
 CONFIDENTIAL SOURCE:
 YES 149
 NO 150

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

DIABLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/12/84	1:30p	4:45p
PARTICIPANTS NEC: E. H. Girard		
[REDACTED] (Quality Analyst)	ORGANIZATION Foley	ON SITE [REDACTED]
LOCATION Diablo Canyon site		
CALLED NO.		CALLING NO.

MEETING
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 UPON OVERSIGHT TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

ANSWER: Yes. [REDACTED] has limited the identification of concerns.
 According to him if the hardware has ^{NOT} been adversely affected, there
 is no nonconformance. Also, no NCRs are to be written on work
 not required to be inspected. Concerns are identified on inspection
 reports (IRs) that should be NCRs but they never get there.
 -- Requirements have been circumvented by purchasing to contract
 8833XR and installing to 5422. Items have been installed to
 contract 5422 that should come under specification 8833XR.
 There are design control problems. There is no evidence of
 proper interface controls between electrical and mechanical groups.
 Mechanical will design instruments one way but electrical will have
 requirements that conflict.
 A lot of verbal instruction has been used to accomplish
 work that should have been handled by DCNs.
 Sometimes the accepted "as built" condition is not the true "as
 OVER

ATTEN BY: E. H. Girard

DATE: 1/16/84

PAGE OF: 1

X-61
 [Handwritten initials]


1/14/83

WISHES TO BE
ANONYMOUS

An interview with [REDACTED] Foley Quality Analyst indicated quality concerns and the system which addresses quality concerns with Foley. He stated that "the performance qualification of ARAW socket fillet welders working on safety related instrumentation lines was insufficient to demonstrate their skill and ability to make sound welds" and that the PG&E document 8802 paragraph 2.62 commits to gas purge on these welds and this requirement is not being followed. He stated that the lines of concern were pressure tested and had passed PT examination, but he had seen evidence of gross melt through and "sugaring" in welds that had been removed. His specific concern was with the RYLIS.

He believed that Foley violated the SCIX performance qualification rules. He referenced a document trail of OW356 to OW403.16 to OW303.6 (not in 1980 or 1983 Code and not therefore applicable) to OW452.4. I informed him that the standard SCIX committee answers to this question

was that the qualification of welders with groove weld test assemblies qualifies welders to all fillets in all sizes which includes socket fillets in instrumentation tubing. This is the proper Code and Standards interpretation, but does not properly address the welder's ability to weld sound welds which is the intent of SCIX.

 supplied two documents - attached to show how this question was addressed.

The question of removal of gas purge COW 408.B should be addressed along with the licensee commitment in 8802 para 2.62.

An engineering evaluation of the adequacy of performance of the tubing with unchanneled weld quality (that passed pressure and PT tests) should be addressed.

A 2^d question was the ability of the Foley QC program to adequately control bending of tubing. He indicated that he had seen examples of tubing with 50% wall reduction in bend areas.

IN MY OPINION - Both of these questions should be addressed by the licensee's engineering and quality personnel

SD Reynolds Jr

PS - Rough cryptic notes also attached
comment by SDR

The Codes and Standards answer to 8802-1502 inspection report is legalistically correct, but may not be a "good engineering" answer in this particular case. It is the intent of SCIX that welders be qualified by methods that can demonstrate their ability to make sound welds.

Original

THE HOWARD P. FOLEY COMPANY

INSPECTION REPORT

NUMBER: 8802-1530

Page 1 of 1

PREPARED BY: G. Herrmann/R.D. Risinger

ATTACHMENTS

DATE: 8-15-83

YES NO

ITEMS INSPECTED: QCP-5 App. I 8-08-83

UNIT I X UNIT II X

LOCATION: Various

INSPECTION CRITERIA

DRAWING:

SPECIFICATION:

PROCEDURE:

DOCUMENT TITLE AND NUMBER:

QCP-5 APPENDIX I

RESULTS OF INSPECTION:

1. PCN 7 deleted performance qualifications M-10 from QCP-5 App. I. (1/2" S.S. socket weld qualification.) Consequently there are no WP's in the procedure books to verify qualifications.
2. QW-303.5 fillet welds require that "welders who make fillet welds on pipe or tube less than 2 7/8 in. O.D. must pass the pipe fillet test per QW-452. 4-..... Currently there are no welders qualified to weld on pipe or tubing less than 2 7/8 in. O.D.

ISSUE FILE _____

MAKE INTO NCR _____ OTHER _____

INITIATED BY: G. HERRMANN DATE: 8/15/83

By R.A. [Signature]

DISPOSITION: SEE ATTACHED SHEET.

QUALITY CONTROL SUPERVISOR REVIEW:

ACCEPT REJECT _____

BY: [Signature] DATE: 8/16/83

SIGNATURE: [Signature] DATE: 8/16/83

CLOSE OUT COMMENTS: PCN 12 RE-INSTATES M-10 (FFALIVE DATE 8/26/83)

Q.C. INSPECTOR:

ACCEPT REJECT _____

SIGNATURE [Signature] QA

DATE 10/16/83

HOLD TAGS REMOVAL BY N/A

BY _____

DATE _____

Q.C. SUPERVISOR FINAL:

SIGNATURE [Signature] QA

DATE 10/16/83

THE HOWARD P. FOLEY COMPANY
INSPECTION REPORT - CONTINUATION SHEET

NO.

3802-1330

CONTINUATION OF:

RESULTS OF INSPECTION
PROPOSED DISPOSITION
CORRECTIVE ACTION TAKEN

PAGE 2 OF 2

DATE

8/16/83

1. With the deletion of WPS M-10 from Appendix I of QCP-5, two weld Procedure Specifications remain which are acceptable for Welder Performance Qualifications. Specifically, in QCP-5D, WPS M-01 and M-03 qualify a welder to make 1/4" ϕ tubing and larger socket welds. Additionally, WPS M-10 will be included in the next PCN to QCP-5D.

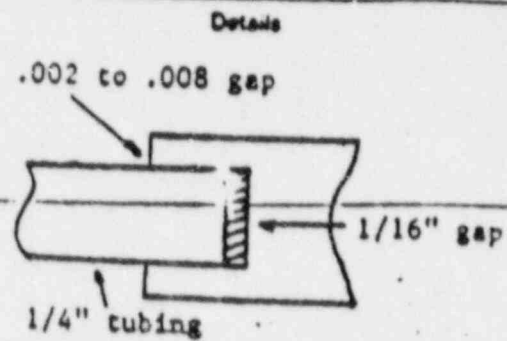
2. QW-303.5 no longer exists. (See Winter '82 addenda to ASME Sec. IX). QW-303.1 states, in part, "... welders who pass the required tests for groove welds shall also be qualified to make fillet welds in all thicknesses and pipe diameters of any size within the limits of the welding variables of QW-350." Included in QW-350 "Welding Variables for Welders", under GTAW Essential Variables, QW-403.16 requires conformance to QW-452. QW-452.6 "Fillet Qualification By Plate Or ^{PIPE} ~~The~~ Groove Weld Tests" qualifies fillet welds of all sizes, material thicknesses and diameters.

QW-482 SUGGESTED FORMAT FOR WELDING PROCEDURE SPECIFICATION (WPS)
 (See QW-201.1, Section IX, ASME Boiler and Pressure Vessel Code)

Company Name The H.P. Foley Company By Z R Wil 8/14/83
 Welding Procedure Specification No. M-10 Date 4-18-83 Supporting PQR No.(s) M-10PQR
 Revision No. 1 Date _____
 Welding Process(es) GTAW (Stainless to Stainless) Type(s) Manual
(Automatic, Manual, Machine or Semi-Auto)

***JOINTS (QW-402)**

Joint Design Socket Weld
 Backing (Yes) _____ (No) XX
 Backing Material (Type) N/A
 Sketches, Production Drawings, Weld Symbols or Written Description should show the general arrangement of the parts to be welded. Where applicable, the root spacing and the details of weld groove may be specified.
 (As the option of the Mfr., sketches may be attached to illustrate joint design, weld layers and bead sequence, e.g. for notch toughness procedures, for multiple process procedures, etc.)



***BASE METALS (QW-403)**

P-No. 8 Group No. 1 to P-No. 8 Group No. 1
 OR
 Specification type and grade ASTM A213 TP316
 to Specification type and grade ASTM A479 TP316
 OR
 Chem. Analysis and Mech. Prop. N/A
 to Chem. Analysis and Mech. Prop. N/A
 Thickness Range:
 Base Metal: Groove N/A Fillet 1/4" to Unlimited
 Deposited Weld Metal
 Pipe Dia. Range: Groove N/A Fillet 1/4" to Unlimited
 Other Fillet welds Ref. ASME Sec. IX Table 452.4

***FILLER METALS (QW-404)**

F-No. 6 Other N/A
 A-No. 8 Other N/A
 Spec. No. (SFA) 5.9
 AWS No. (Class) ER316
 Size of filler metals .065" to .125"
 Electrode-Flux (Class) N/A (Electrode, Cold Wire, Hot Wire, etc.)
 Flux Trade Name N/A
 Consumable Item N/A

*Each base metal-filler metal combination should be recorded individually.

INFORMATION ONLY

WPE 1215 Rev. 1



NO. 9202-1961

DATE 12-21-83

PAGE 1 OF 1

ATTACHMENTS: YES

NO X

ITEMS INSPECTED:

1/4" SS Tubing welds

UNIT I LOCATION 85'
BEACH

INSPECTION REPORT

INSPECTION CRITERIA DRAWING SPECIFICATION PROCEDURE

DOCUMENT TITLE AND NUMBER: QCPM-1 WPS M-01 & M-10

RESULTS OF INSPECTION: Welder unable to maintain Gas Backing
Purge during welding of stainless steel line, due to
weld against closed system. (Backs Bellows) Flow could
NOT BE MAINTAINED PER WPS. ARE REQUIRED). 15-20
CFH. Flow rate. (Ref QCPM-1 4.3.4.5) Flow # 6 LTHCO

ISSUE

FILE

DW
INITIATED BY DATE 12-21-83

[Signature]
QC SUPERVISOR REVIEW DATE 12-21-83

DISPOSITION:

INFORMATION ONLY

DISPOSITION BY DATE

QUALITY REVIEW DATE

Q.C. INSPECTOR

ACCEPT REJECT HOLD TAG #

QC SUPERVISOR FINAL:

SIGNATURE REMOVAL BY SIGNATURE

DATE DATE DATE

- Foley Q Analyst

Instrumentation (1978) June 7c

Qualification of procedures and welders for instrumentation

- basically tubing 1" diameter to 3/16"

- Stainless tubing

- socket fillet type welds (essentially) no butt

- current procedure qualification practice
and previous welder qualification

Does WPS M-01 qualified by M-01 PQR

meet Code Rules

Electrical and Mechanical

~~PG&E~~ PG&E 8802 Para 2.22 commits to SCIX

2.62 commits to
gas purge

? Does QW 408.8 apply to welders where
they have been qualified w/ gas backing
if they weld w/o gas
what is the welding and metallurgical significance
e.g. 3/16 x .049" wall tubing
has evidence that they select backing

Gas purge is not a QC check off item for
socket fillets. Foley has no oxygen analysis
equipment. There is no way to verify the
purge.

Used Argon backing in welder performance tests

QW 356 reference 403.16

QW 403.16 references QW 303.6 (rat in 1980 SCIX
QW 452

QW 452.4

< 3/4"

not less than size welded

Lack of adequate qualification to demonstrate welding
skill and ability to make sound welds in operation

Problem continues that less than satisfactory
welds are being made.

People have work available with tubing
weld thru and sugaring

Other concern - improper controls over
loading of tubing. Examples has been
shown that there are some tubing with
50% wall reduction.

Still have passed pressure tests and PT
examinations

Reactor Vessel Level Indicating System

These items need to be believed that
is a definite concern of failure of
control system



Interview 1/18/84 9:00 AM TO 10:50 A.M.

Design Control Issues (Phil Morrill is Addressing The DON Issue)

H.P. Foley completes discrete work activities (i.e. DCN) by PG&E issuing a work request. Foley completes this work & closes the work request. Subsequently, PG&E issues a DCN revision and re-opens the previous work request, which had already been closed. Foley tracks work by work request and not the DCN; PG&E is responsible for verifying that the DCN is complete and Foley completes the work statement of the work request. Example was shown Morrill where one work request accomplished FT installations & later a 2nd W.R. was issued to accomplish the same thing. PG&E request doesn't appear to be in control of the situation.

As-built Issues:

- (1) During 8/82 time frame ^{as-built} HVAC as-built's were not returned to PG&E for verification of design adequacy. H.P.F. doesn't have as-built procedures, for controlling as-built documentation and generation, as required by Foley QA manual.
- (2) Specifics may be provided Paul Knight, QC Insp.
- (3) PG&E has been provided HVAC ^{as-built} as-built's for about the last 4 months (late 83).
- (4) PG&E has not been verifying the as-built condition vs compliance with the design calculations. PG&E Eng not in Full control.

#140

2

HEAT LOG PROBLEMS

- ① Several IRS/NERs document material / Heat Log problems.
- ② There is no QC present when material (Steel, SS Tubing) is cut and the Heat Number is transferred to the remaining piece.
- ③ His concern is that Heat No's have been applied to material in the field based on the Production copy of the Heat Log, which references Heat No. to material shape and size. (PAUL Knight HAS DETAILS)
- ④ Feels that crafts have a procedure requiring Heat No. Transfer but does it know if one is established.
- ⑤ Reference Recent PGE audit re NYAC system which identifies the problem.
- * ⑥ He Feels that Production has engaged in falsification of heat records; in the field by stamping heat No's on steel after installation, and then logging these Heat No's onto documentation completed the falsification. Questions to be answered
~~are~~ is: Are these practices required by Codes & Specs or is this something which the Licensee merely committed to?

#137

(3)

AUDIT ACTIVITIES

1. Foley & A does not audit

a. Procedures for compliance to Codes, Standards and contract Specs. He is not aware of any requirement in this regard.

(b) Question to be answered is: How does P&E assume that Foley procedures comply with license commitments and contract specifications or is Foley contractually obligated to assume this? This is a good idea because Foley is required to comply with their procedure set in the field.

#139

(14)

Stainless Steel Tube welding & Bending by Foley.

1. Concern is that Foley didn't have a mechanism for verifying purging gas flow and verifying O₂ content in the line. Several instances were identified where the flow meter ~~ball~~ ball would stay up when the needle valve was closed.

(Randy Kissinger & Rick HINES - Instrumentation
QC)

The individual information is based upon conversations with Instrumentation QC and not on first hand knowledge.

The individual has observed ~~stuff~~ sugaring (\Rightarrow no purge) and constriction in the weld area (due to burn thru of the thin tubing) on welds which were cut out of these tubing systems.

- Examine also controls applied to other SS tubing welding, eg: PZR Reference leg re-entrant.



UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
YES
NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

510 CANYON

DATE: 1/14/84 TIME INITIATED: TIME COMPLETED:

G. Hernandez

INTERVIEWING
TELEPHONE CALL
COLLECT () YES () NO
OTHER

PARTICIPANTS		NEC:		
OTHER:	NAME	454	ORGANIZATION	YES. ON SITE
[REDACTED]				
CALLED NO.			CALLING NO.	

QUESTIONS: ^{AT RISK OF RESTRICTIONS} ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO 'CUT CORNERS' (i.e. sacrifice safety to meet schedules, etc)?

① Not aware of improper management pressures, aware of the ~~usual~~ usual pressure to get job done and sometimes this can be misinterpreted by some ~~of~~ persons as excessive or improper pressure.

② Not aware of any management personnel who has attempted to intimidate either ~~his~~ his crew or himself.

③ Aware of function of NEC and how to contact the NEC if needed.

INTERVIEWED BY: G. Hernandez DATE: 1/14/84 PAGE: OF

X-69



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1860 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

510 CANYON

G. Hernandez		DATE 1/14/04	TIME INITIATED	TIME COMPLETED
INTERVIEW TELEPHONE CALL COLLECT () YES () NO OTHER	PARTICIPANTS OTHER: NAME 404		ORGANIZATION	YES, ON SITE
	LOCATION CALLED NO.		CALLING NO.	

QUESTIONS: TO 'CUT COSTS' (i.e. sacrifice safety to meet schedule, etc.)?
 ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES



(A) Not aware of any management pressure - biggest problem is that drawings are ^{sometimes} not too clear on what is required. However, they have the option of going to their foreman and then to the assigned engineers. Each crew has a foreman and an engineer assigned to their area - too clarify questions regarding drawings or other questions.

(B) Nobody has tried to intimidate them.

(C) Welding Symbolology - If a weld call out is impossible to make or ridiculous - ask for clarification.

INTERVIEW BY: DATE: PAGE OF:

G. Streadley 1/14/04

X-63



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1880 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK, PLAZA
 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

SLO CANYON

DATE 1/14/04		TIME INITIATED	TIME COMPLETED
G. Hernandez			
PARTICIPANTS		NEC:	
OFFICE:	NAME	ORIGINATOR	YES, ON SITE
LOCATION		CALLING NO.	
CALLED NO.			

INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

NOTE: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 AND QUESTIONS: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?



- (A) No management pressure to cut corners - many variables involved in erecting a support - those things can't be hurried.
- (B) Never had the feeling that any supervisor/foreman was trying to intimidate them.
- (C) If problems are encountered with welding symbols have the foreman, the area engineer and a group called the "Quick fix" group (other engineers) to clarify drawing requirements.

INTERVIEW BY

G. Hernandez 1/14/04

X-6422A



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION V
1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

135,136

CONFIDENTIAL SOURCE:
YES
NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

WASIO CANYON

DATE	TIME INITIATED	TIME COMPLETED
11/14/81	10 AM	11:22 AM
PARTICIPANTS NEC: Kinich		
OTHER NAME		
[REDACTED]		
LOCATION CALLED NO.		
CALLING NO.		

MEETING
INTERVIEW *
TELEPHONE CALL
COLLECT () YES () NO
OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES OR STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?

ARE THERE, OR DOES THERE EXIST, BULKES OF RECORDS WHICH ARE NOT BEING REVIEWED? Verbal instructions were issued from [REDACTED] to limit the scope of the Foley document review to those Foley documents generated between Sept. 1981 through present. Boxes with the 1981 records in Vault - these were retained but no procedures or instructions were used in the context of this review. Additional records may exist in office of [REDACTED] unknown of the comprehensive nature of the review - don't know whether good or bad. old document review audit description files.

DO YOU KNOW OF ANY PROBLEMS WHICH HAVE BEEN, OR WERE IDENTIFIED, WHICH ARE NOT BEING HANDLED (i.e. EVALUATED, CORRECTED OR RESOLVED) PROPERLY?
Discrepancies - be aware of NCR tracking via e-placements.
People in quality control (Ted Canning's Co) verbally instructed to correct records (i.e. changing records of inspectors no longer employed). [REDACTED] plus pro
Supervisor also read with a new attachment, leaving the old record intact & attached.

ITTEN BY DATE 1/14/81 PAGE 1 OF 3

X-609
REGION V FORM: 113

2. contd. This advice was not heeded by Quality Director. It was explained to him that changes made were not important and consisted only of minor corrections. No Foley audit was conducted of this activity because the Quality Director said the practice was acceptable; the Quality Director followed this up with an Oct. 6, 1982 memo (attached) providing guidelines for correcting obvious discrepancies.

~~134~~

- In about June 1983, Quality Director limited QA Auditor badging for access to Unit 1. Only 2 Foley QA people are authorized Unit 1 access. Foley QA has 5 QA auditors at present. These 2 badges were only recently issued. ^{Foley had not been authorized Unit 1 access since about June 1983.}
- In Sept 1983 QA Director authorized "correcting obvious discrepancies" on Quality documentation, without providing for management review of individual corrections, using only minimum, general guidelines.
- QA Director, in audit PA 125 finding 10, accepted the finding stating that half PPS are not kept. We signed off on the transfer.
- Foley QA Audit program was held for ^{about} 5 months (APRIL 83 to Sept. 83)
- NCR was not written in response to Audit PA 135, finding 12, regarding failure to perform daily/weekly inspections of Unit 1 Welding electrode storage ovens.

#136

#135

1

Page 2, cont'd.

The Quality Director has allegedly verbally issued instructions to the effect that an NCR is only to be written to document hardware deficiencies, and not for failure to follow procedures, contrary to QCP-3.

INTER OFFICE COMMUNICATION

9/8/83

Re: Unit I Access

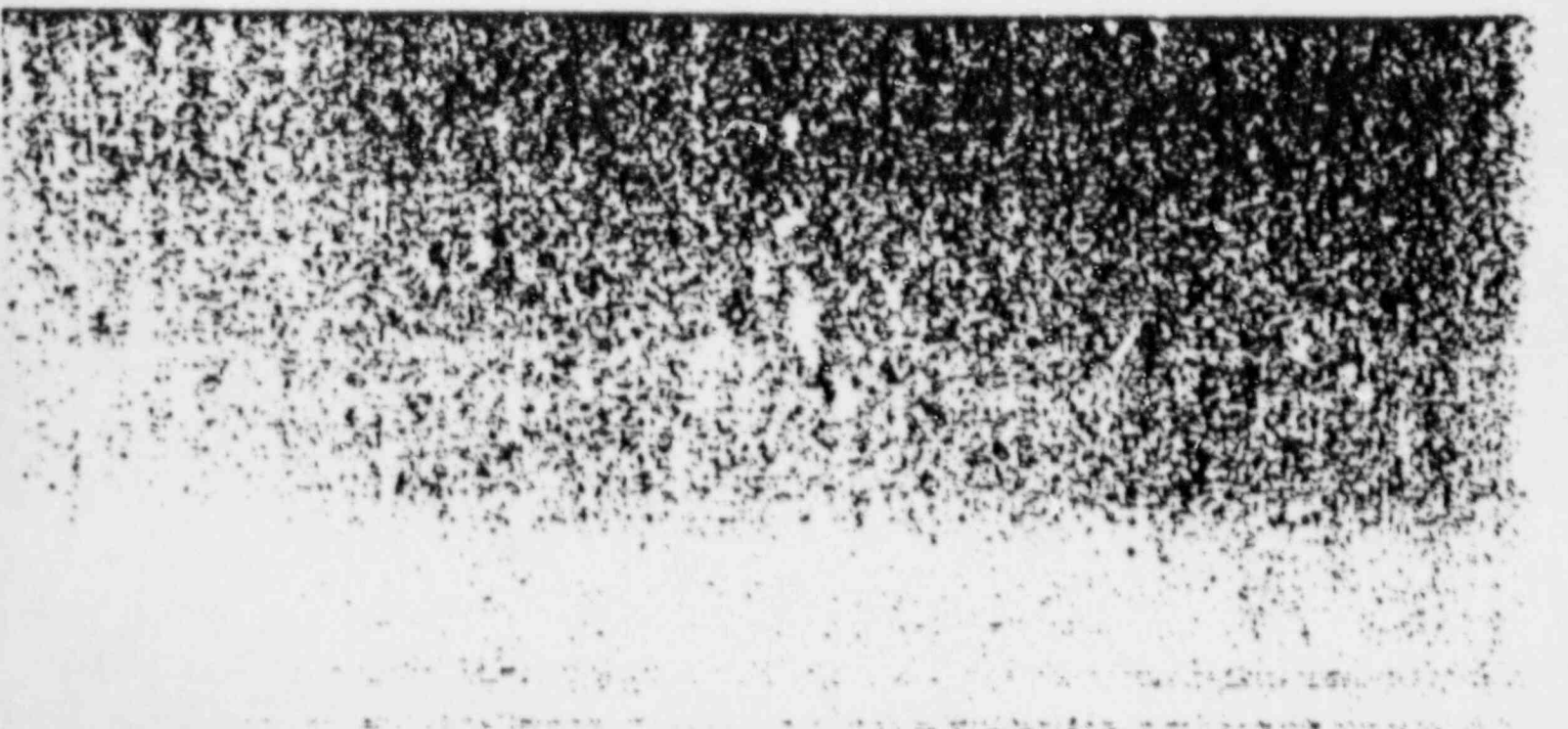
The C.A. Auditors do not have key cards for access to Unit I which makes it difficult for them to carry out their audit activities.

It would be beneficial for the following people to have Unit I key cards:

- P. French #026
- D. McQuarrie #2535
- B. Malcheski #2576
- S. Ryan #029

[Handwritten notes and signature]
 Thank You,
 J. Thompson
[Handwritten signature]

Signature



THE HOWARD P. FOLEY COMPANY
INTER-OFFICE COMMUNICATION

R. Wilson, Quality Director

6-13-83

J. Thompson/Q.A.

RE: PERSONNEL

I need two additional people for auditing, audit replies and external P.C. & E. audits. There will be a lack of knowledgeable personnel to perform audits when the 90 day auditing freeze is lifted (Ref. 5-16-83 letter).

Sincerely,

J. Thompson
J. Thompson

THE HOWARD P. FOLEY COMPANY
INTER-OFFICE COMMUNICATION

To: [illegible] Director

From: J. Thompson / S.A.

Re: Personnel

I need a person to work with procedures, audit replies and external P.G. & F. audits. The situation exists where one person is not enough to handle the current and foreseeable future procedure changes and problems from P.C. & E. audits.

Sincerely,

J. Thompson



#135

May 16, 1983

Mr. R. D. Etzler
Project Superintendent
Pacific Gas and Electric Company
Post Office Box 117
Avila Beach, CA 93424

RE: Internal The Howard P. Foley
Audits

Dear Mr. Etzler:

Due to an intensive internal training and certification effort, the restructuring of several key procedures and revision of The Howard P. Foley Company Quality Assurance manual; The Howard P. Foley Company is foregoing its formal activity audit performance for a period of approximately ninety days.

This action will not adversely affect our Quality Assurance Program; will allow us to effectively utilize all of our personnel in the execution of these tasks, and will provide necessary time to implement the new procedures effectively. At the end of this period The Howard P. Foley Company will perform a program audit to assure that the effort is successfully completed.

Sincerely,

Rick Wilson
Quality Director

THE
HOWARD P. FOLEY
COMPANY
P. O. BOX 327,
AVILA BEACH, CALIF.
93424
805-595-7377

Offices

- ALLENTOWN PENNSYLVANIA
- BALTIMORE, MARYLAND
- CHICAGO, ILLINOIS
- DALLAS, TEXAS
- HARRISBURG, PENNSYLVANIA
- HOUSTON, TEXAS
- LOS ANGELES, CALIFORNIA
- MARTINEZ, CALIFORNIA
- MEMPHIS, TENNESSEE
- NEW ORLEANS, LOUISIANA
- PHILADELPHIA, PENNSYLVANIA
- PHOENIX, ARIZONA
- PITTSBURGH, PENNSYLVANIA
- RICHMOND, VIRGINIA
- SALT LAKE CITY, UTAH
- TAMPA, FLORIDA
- TUCSON, ARIZONA
- WASHINGTON, D.C.

RW:EE

- cc: P. Bourque
- F. Lench
- R. Twiddy
- J. Bratton
- QA File

*Foley Audit Program was stopped
May 16, 1983. Next one was March 83.*

*Since then the
next audit issued was in Sept 83.*

Audit Program was halted for 5th 6 months !!

Canadian Subsidiary
EDMONTON, ALBERTA

166

TO: J. Hodgson, O.A. Manager
FROM: L. A. Wilson, Quality Director
SUBJECT: Correction of Quality Documents
DATE: October 6, 1983

This memorandum provides the document review personnel with the authority and responsibility for correcting obvious discrepancies on Quality documentation within the following guidelines:

No MANAGEMENT CONTROL OF THIS PROCESS PROVIDED.

Each individual who adds or, deletes information or otherwise modifies Quality documentation, has the responsibility to assure that the changes are justified and in no way masks the accept/reject status of the item.

If supplemental information must be added it may be noted on document or, if required for clarity, it may be noted on a separate document. In either case the addition must be initialed and dated.

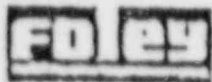
When the reason for a change is not self evident, a brief explanation will be included.

If the documentation is of such quality that a reproduction would be illegible the pertinent parts of the document may be darkened for legibility. A notation "Darkened for Legibility" will be added to the document; initialed and dated.

RW:tt

Note: Supersedes memo dated 9/26/83

1. *No SPECIFIC CRITERIA AS TO what types of ITEMS may be changed, (ie: INSPECTOR SIGNATURES, date, Termination Tool numbers), pulling tension, torque values, etc?). THIS appears to be a blank check authorization.*
2. *NO PROVISIONS FOR MANAGEMENT CONTROL AND REVIEW OF KEY OR CRITICAL ITEM changes.*



THE
HOWARD P. FOLEY
COMPANY

PROBLEMS WITH THIS MEMO.

TO: J. F. *Peak*, Quality Director

FROM: [Name], Chief of Quality Department

DATE: September 24, 1983

This memorandum provides the document review personnel with the authority and responsibility for correcting obvious discrepancies on Quality documentation within the following guidelines:

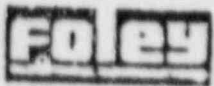
APPEARANT
ANSWER MARKS → *ANSURE MARKS*

Typos: Each individual who adds or, deletes information or otherwise modifies Quality documentation, has the responsibility to answer that the changes are justified and in no way marks the accept reject status of the item.

If supplemental information must be added it may be noted on document or, if required for clarity, it may be noted on a separate document. In either case the addition must be initialed and dated.

When the reason for a change is not self evident, a brief explanation will be included.

If the documentation is of such quality that a reproduction would be illegible the pertinent parts of the document may be darkened for legibility. A notation "Darkened for legibility" will be added to the document; initialed and dated.



THE
HOWARD P. FOLEY
COMPANY

Supervised by 10-6-83 Date 10-6-83
MEMO *JF*

The Howard P. Foley Company

Audit Finding Report

134

Audit Number PA-125 Page 11 of 17
 Audit Date: From 1-17-83 To 1-26-83 Completion Due 3-4-83
 Audit Subject Work on Containment I Annulus Steel Modifications
 Controlling Documents P.G. & E. W/R #C-6181, HPF/Travelers & Procedures
 Auditor(s) P.F. Ratterman/P.W. French

Quotation(s) from Controlling Documents HPF/QCP-17, Rev.1

4.6.1When Quality Inspection Hold Points are identified by the Work Process Traveler, work shall not proceed until the Quality Department has been notified and such inspections have been completed and Production has been notified of the results of the inspection.

Audit Finding(s)

During the course of this audit it was noted there are Hold Points established for P.G. & E. Final Acceptance of welds. These appear on approximately 40% of the Work Process Travelers generated as a result of Work Request #C-6181. The P.G. & E. Hold Points are in place as the result of a verbal agreement between P.G. & E. and The H.P. Foley Company to have Constructor approval of each weld on the Annulus Steel Modification Work. In each case where welds are completed and accepted by H.P. Foley personnel, there has been no P.G. & E. concurrence; thus, the loss of double coverage. Although this is not considered to be an Open Item, it is a situation requiring clarification. (Continued)

Q.A. Recommendation(s) (optional)

Item X- 1, 2 & 3 Research the Quality Control and Work files to identify all cases where work has progressed beyond Hold Points without the required sign-offs. A Nonconformance Report should then be initiated for dispositioning of this discrepancy. Included in the "Means to Prevent Recurrence", should be a commitment to inform those involved, with work and inspection, of the importance of not progressing past un-signed Quality Hold Points. (Continued on Page 12)

Corrective Action(s)

Item X- 1, 2 & 3 - See attached Audit Reply to Item X, submitted by R. Wilson on 8-15-83.

P.F. Ratterman *[Signature]*

P.W. French *[Signature]*

[Signature]

Prepared By
1-27-83

Closed By
8-16-83

(Review/App. By
8-17-83

Date

Date

Date

AUDIT FINDING(s) (Continued from Page 11)

Item X - Generally, HPF/Quality Hold Points are being signed-off in accordance with the above quotation; however, ~~there were several~~ work packets examined where work had progressed without the required Hold Point sign-offs.

- 1) On Connections G-7, G-8, V, X-1 and more, bolts were installed and tensioned (not yet checked with a calibrated wrench) where the Hold Points established for the bolts, i.e., Material, Dimensions and Edge Prep., had not been signed.
- 2) Weld No.14 on Connection GG and weld No's. 14 and 15 on Connection HH have been completed and accepted on the appropriate Weld Inspection Sheets. The Quality Hold Points for these welds have not been signed-off.
- 3) Hold Points for piece No. H C41.1 on Connection 41 have not been signed-off. The plate has been installed and the welds which attach the plate have all been completed and accepted with Hold Points signed-off.

Q.A. RECOMMENDATION(s) (Continued from Page 12)

It was observed that earlier revisions of Travelers are not always kept with the current copy in the work packages. Quality Hold Point sign-offs are not generally transferred to new Traveler revisions. It is a recommendation of this department that all revisions of individual Travelers be maintained in the current work packet.

The Howard P. Foley Company

Audit Finding Report

#130

Audit Number PA-135 Page 13 of 13
Audit Date: From 9-27-83 To 10-4-83 Completion Due _____
Audit Subject Welding Electrode Control
Controlling Documents HPF/QCP-4A
Auditor(s) S. Ryan, R. Walcheski

Quotation(s) from Controlling Documents
QCP-4A, Para. 4.6, "Quality Control shall perform a daily and weekly inspection to assure that this procedure is being followed."

Audit Finding(s)

ITEM 12 - Contrary to the above requirement, daily and weekly inspections are not being performed by Q.C. for Unit I storage ovens. Quality Control is unable to gain access to Unit I due to Security Lockdown.
(See Exhibits 10&11 attached).

Q.A. Recommendation(s) (optional)

No NCR was written contrary to QCP-3
See attached LTR.

Corrective Action(s)

R.J. Walcheski *RJW*

Prepared By

10-4-83

Date

Closed By

Date

Review/App. By

Date

AUDIT ITEM(S)

FINDING XII:

Access has been established to Unit Q via key carded inspectors or escorted inspectors. With this required inspections will be re-established.

This doesn't answer the finding!

RECEIVED
QUALITY ASSURANCE

DEC 01 1983

HOWARD P. FULLER, JR.
Avila Beach, CA

1. SCOPE

This procedure establishes the methods for reporting, documenting, and processing materials; parts; components; or services which are not in conformance with design or procedural requirements.

2. REFERENCES

2.1 Title 10, U.S. Code of Federal Regulations, Part 21 (10CFR21)

2.2 American National Standards Institute (ANSI) N45.2.10-1973 "Quality Assurance Terms and Definitions"

2.3 Pacific Gas and Electric Company Specifications as assigned to The Howard P. Foley Company

2.4 The Howard P. Foley Company Quality Assurance Manual Sections XV, Control of Nonconformances, and XVI, Corrective Action

2.5 The Howard P. Foley Company "Quality Control Procedure for Receiving, Handling, and Storage", QCP-4

2.6 The Howard P. Foley Company "Quality Control Procedure for Corrective Action", QCP-33

3. RESPONSIBILITIES

3.1 The Project Manager shall be responsible for employing all measures necessary to accomplish the work in accordance with the requirements of the contract documents and this procedure.

3.2 The Engineering Manager shall be responsible for recommending dispositions on NCR's and dispositioning IR's.

3.3 The Production Superintendent shall be responsible for accomplishing all work in accordance with the specifications, design drawings, and procedures. He is also responsible for immediately notifying Quality Control when nonconforming conditions exist.

3.3.1 It shall be the responsibility of the individual Production Superintendent to ensure that Production forces under his supervision are trained and working in accordance with current revisions of quality procedures.



THE
HOWARD P. FOLEY
COMPANY

FOLEY

ELECTRICAL CONTRACTORS

#130

December 13, 1983

INTER-OFFICE MEMO

TO: Ted Canning/Q.C. Manager

FROM: Bob Walcheski/Q.A. Auditor

RE: H.P. Foley Audit PA-135, Item 12.

Your response to Item 12 of Internal Audit PA-135, which was received by our department on 12-1-83 is not sufficient in itself to close the item. By re-establishing the required daily and weekly Storage Oven Inspections, the problem is partially resolved. However, for the period of time when these inspections were not performed, there exists a documentation deficiency which renders the quality of welding electrodes indeterminate.

Para. 4.7 of QCP-4A states, "Nonconforming items that are not possible to "Correct In-Process" shall be documented in accordance with QCP-3." According to QCP-3, Para. 4.4, a Nonconformance is defined in part as, "a deficiency in characteristic, documentation, or procedure which renders the Quality of an item unacceptable or indeterminate. Examples of nonconformance include: incorrect or inadequate documentation, or deviation from..... inspection....." The method for documenting the nonconforming condition is as prescribed in QCP-3, Para. 5.1. Whichever way you choose to document this condition, it should be noted that the goal is to achieve a "Use As-Is" disposition. A suggested way to achieve this disposition would be to review Weld Electrode Requisitions (HPF/WER) for applicable storage oven locations for the time in which the documentation/inspection discrepancy exists, as the WER documents storage oven temperatures. If no discrepancies are noted in this review, then significant basis for a "Use As-Is" disposition is established.

THE
HOWARD P. FOLEY
COMPANY

P. O. BOX 327,
AVILA BEACH, CALIF.
93424
805-595-7377

Offices:

ALLENTOWN, PENNSYLVANIA
BALTIMORE, MARYLAND
CHICAGO, ILLINOIS
DALLAS, TEXAS
HARRISBURG, PENNSYLVANIA
HOUSTON, TEXAS
LOS ANGELES, CALIFORNIA
MARTINEZ, CALIFORNIA
MEMPHIS, TENNESSEE
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PHILADELPHIA, PENNSYLVANIA
PHOENIX, ARIZONA
PITTSBURGH, PENNSYLVANIA
RICHMOND, VIRGINIA
SALT LAKE CITY, UTAH
TAMPA, FLORIDA
TUCSON, ARIZONA
WASHINGTON, D.C.

Conrad, Sub diary

EDMONTON, ALBERTA

T. Canning
Page 2
December 13, 1983

Audit Finding #12 for PA-135 will remain outstanding until such documentation is generated to identify, and satisfactorily resolve the problem. Your response to this Item, only provides a Means for Preventing Recurrence but does not offer any Corrective Action for the resulting documentation/inspection deficiency. Please provide Q.A. with a response for corrective action to this outstanding problem as soon as possible.

Sincerely,

R.J. Walcheski

R.J. Walcheski
Q.A. Auditor

RJW:cw

cc: L.R. Wilson
Q.A. File



THE
HOWARD P. FOLEY
COMPANY



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
YES
NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

MASO CANYON

MEETING INTERVIEW TELEPHONE CALL COLLECT () YES () NO OTHER	DATE	TIME INITIATED	TIME COMPLETED
	PARTICIPANTS OTHER: NAME		ORGANIZATION
	LOCATION	CALLING NO.	YES. ON SITE

Allegation Inspection
7/14-1984
REC: A B R AT
454

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)? Only with regard to V. Tennyson from Skip Moses.

① Do you feel ~~intimidated~~ intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of management? No

② Do you feel that Diablo Project is a quality job and that after completion of a successful testing program it would be safe to operate? Yes

③ Do you know of any employee who was dismissed for bringing up safety concerns? Rumor is that one party was dismissed as a result of his writing a NCR.

④ The 20% reinspection with regard to inspection quality in your Westport test systems found no very significant work on a large sample. No.

DATE	PAGE OF
1-17-84	

INTERVIEW BY: A B R AT



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

MASO CANYON

MEETING INTERVIEW TELEPHONE CALL COLLECT () YES () NO OTHER	DATE	TIME INITIATED	TIME COMPLETED
	Allegation Inscr by 1/17/84		
	PARTICIPANTS	REC: A B Ruff	
	OTHER: NAME	40N	ORGANIZATION
	[REDACTED]		YES. ON SITE
	LOCATION	[REDACTED]	
	CALLED NO.	CALLING NO.	

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 DEMAND QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)? No

① Do you feel ~~in~~ intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of management? No

② Do you feel that Diablo Project is a quality job and that after completion of a successful testing program it would be safe to operate?
 Yes: It is as good as Trojan. It does not compare with the Westinghouse plant but consider that it is safe.

③ Do you know of any employee who was dismissed for bringing up safety concerns? No. However there is a rumor that an inspector was dismissed because he wrote an NCR against inadequate procedures.

ATTEN BY: ABRuff DATE: 1/17/84 PAGE OF: 1

X-67 X-67



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:
YES
NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

LABLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/17/84	5:45 P	6:10 P
PARTICIPANTS NEC: J. R. Fair		
OTHER: NAME	ORGANIZATION	YRS. ON SITE
[REDACTED]		
CALLED NO. [REDACTED] NO. [REDACTED]		

MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

ANSWER: No intimidation
 No management pressures to cut corners
 No problem with QC work being compromised due to production or engineering pressures.
 Does not consider "Red Head" anchors as good since they were not used at other sites he was familiar with. He did not have any specific examples of where he thought the installations were bad.
 He was concerned about the number of design changes from engineering and the lack of detail in some of the work transfers but did not have specific examples.

WRITTEN BY John R. Fair

DATE 1/18/84 PAGE 1 OF 1

X 68
REGION V FORM: 113



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V
1990 N. CALIFORNIA BOULEVARD
SUITE 202, WALNUT CREEK PLAZA
WALNUT CREEK, CALIFORNIA 94598

CONFIDENTIAL SOURCE:
YES
NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

DIABLO CANYON

ISSUE:	DATE 11/17/84	TIME INITIATED 1:55 PM	TIME COMPLETED 2:50 PM
TYPE () MEETING () INTERVIEW () TELEPHONE CALL COLLECT () YES () NO () OTHER	PARTICIPANTS NRC: NAME ORGANIZATION YES ON SITE		
	LOCATION CALLED NO. CALLING NO.		

SUMMARY:

ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES STANDARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule's, etc)?:

Yes, Production appears to control Quality Control actions. He doesn't however, feel that he has been properly instructed on this matter.

(b) Do you have any concerns you wish to tell the NRC about?

(a) [redacted] expressed concern about Red Head anchor use and sequencing. Informed that John Fair was handling this issue. Burdair was informed of this & took the concern to P&E, who then contacted him. He feels that this should have been recorded as more confidential in this matter.

(b) Class 1 vs class 2 classification - Control Rod Drive Mechanism Ventilation was changed from Class 1 to Class 2, after a Mr. Donald told him to cease inspecting this area. A Charles Blair (Polytechnic BC) is the one to talk to about this.

WRITTEN BY: D. Kirsch OVER DATE: 1/17/84 PAGE OF: 1

BY: FD-205 (5 USC 552 (a) (2) AND/OR EXECUTIVE ORDER 12812)

REGION V FORM: 113

X-69



UNITED STATES
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 REGION V
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 WALNUT CREEK, CALIFORNIA 94598

H24, 26, 46, 66

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

LABLO CANYON

DATE	TIME INITIATED	TIME COMPLETED
1/17/84	6 PM	
COPY		
MEETING	PARTICIPANTS	REC: P. MORRILL
INTERVIEW	OTHER: NAME	SEC
TELEPHONE CALL		ORGANIZATION
COLLECT () YES () NO		YES. ON SITE
OTHER		
	FOLEY	6 P.M.
LOCATION		TEST
CALLED NO.		

QUESTION: INTIMIDATION OR THREATS OF RETALIATION?
 ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 AND/OR QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)?

No. - But one incident where one inspector did
 get fired. [redacted] did not write NCRs
 (3 or 4) (Heat Tracability - Not good compared to tracability)
 (Conduct inspections and re-working supports w/o documentation)
 told to rewrite as Procedure Change notice vice
 NCR - He did not and was fired the next
 day. Now back at SATSUP. [redacted] Fired.

Phillips Anchor Bolts Question as to adequacy.
 BC does not inspect Red Head Holes prior to installations.
 Red Heads not torqued and no washers.
 Too many items not specified; ie torquing of bolts, washers.
 EDR written requesting resolutions, answer was that these
 items were not not specified - Therefore don't worry.
 use of 6010 weld rod procedures allow 40 amps 3/32 Rod GCP

WRITTEN BY: Phil Morrill

DATE: 1/17/84

PAGE 1 OF 1

Form 84-21 Patricia Schultz

X-70
 REGION V FORM: 113

UNIT I
UNIT II

THE HOWARD P. FOLEY COMPANY
PRODUCTION ENGINEERING DEPT.
ENGINEERING DISPOSITION REQUEST

To: State Mr. Carney ENGR Subject: ELECTRICAL SUPPORT INSTLN
From: [REDACTED] QC

Problem: WHAT ARE REQRMT'S FOR INSTALLING WASHERS
BENEATH NUTS ON ANCHOR BOLT CONNECTIONS (RAILWAY
SUPPORTS)
INSTALLATION DETAILS ARE NOT SPECIFIC &
ACTUAL INSTALLATIONS VARY, FROM (1) FLAT WASHER
TO NO WASHER.

Signed: [REDACTED] QC Date: 7-11-83
SIWS ACCEPTANCE PENDING REPLY

Reply: Washers may be used as necessary
to level.

Signed: RKL Date: 7/13/83

WASHERS WOULD NOT BE USED FOR LEVELING, WHEN
INSTALLED BENEATH NUTS.

PLEASE ADDRESS EDR FOR WASHER REQRMT'S, FOR
PURPOSES OF DISTRIBUTING LOAD (FLAT WASHERS) &
PURPOSES OF SECURING NUT (LOCK WASHERS)

[REDACTED] 7-13-83

THE HOWARD P. FOLEY COMPANY
INTER-OFFICE COMMUNICATION

COPY TO Elec Supervisor
ALL and S.C. S.D. TDC
7-26-83



T. CANNING

JULY 25, 1983

C NEEDHAM

SUBJECT: EDR 96543

THE USE OF FLAT WASHER(S) UNDER THE ANCHOR NUT IS NOT MANDATORY UNLESS SPECIFIED ON DRAWING(S). FLAT WASHERS MAY BE USED FOR LEVELING IF SURFACE UNDER ATTACHING MEMBER WARRANTS IT. LOCK WASHERS UNDER ANCHOR NUTS ARE NOT NECESSARY.

FLAT WASHER(S) MAY BE USED UNDER ANCHOR NUT(S), BUT SHALL NOT BE STACKED, TWO OR MORE, FOR THE PURPOSE OF THREAD ENGAGEMENT.

CC B. KNOWLES

C.W. Needham

TYPE
MEETING
INTERVIEW
TELEPHONE CALL
COLLECT () YES () NO
OTHER

PARTICIPANTS
OTHER NAME
NEC: E. H. Girard
ORGANIZATION
YES ON SITE

LOCATION Diablo Canyon site
CALLED NO. CALLING NO.

SUMMARY:

ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
STANDARD QUESTIONS TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?:
Reply: Yes. Have not felt any personally or encountered any, however.
QC inspector do not feel the pressure as far as he knows.

Question: Do you feel intimidated or for any reason do you have reservation
about bringing quality or safety concerns to the attention of
your management, PGE or the NRC?
Reply: No.

Question: Do you have any safety concerns that you feel could lead to unsafe
operation of the Diablo Canyon plant.
No. Work is done to his satisfaction or to what accept.
He believes welding and welding inspecting here is satisfactory.

WRITTEN BY E. H. Girard

DATE 1/17/84 PAGE 1 OF 1

S.O.S. on anchor bolts.

X-7B



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. -RELATED INFORMATION

MASO CANYON

DATE	11/17/84	TIME INITIATED	6:00 p	TIME COMPLETED	6:30 p
PARTICIPANTS	NEC: J. R. Fair				
OTHER: NAME	454	ORGANIZATION	YES. ON SITE		
[REDACTED]					
LOCATION	CALLED NO.		CALLING NO.		

MEETING
 INTERVIEW
 TELEPHONE CALL
 COLLECT () YES () NO
 OTHER

QUESTION: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 TOWARD QUESTION: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedule, etc)?:

--- No intimidation. No management pressures to cut corners.
 Did feel pushed to keep up with production which required some QC inspectors to work long hours; however, he did not feel any of his work had been compromised.

--- He is concerned with design control, i.e. standard supports being modified by several work requests. He is concerned with the use of beam clamps on steel supports (Some require welding others are not). Concerned with the quality of existing work. He believes the "Red Head" anchors should be forgued. Doesn't feel that engineering is responsive to QC concerns. Had a concern with using Bechtel field as-built to resolve Foley SWS discrepancies. Concerned with use of hex head bolts in cable trays. Also concerned with lack of criteria for edge distance on unistrut clamps (clamp could be at end of the strut)

WRITTEN BY: John R. Fair

DATE: 11/18/84

PAGE 1 OF 1

X-79
 REGION V FORM: 113



UNITED STATES
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 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94596

CONFIDENTIAL SOURCE:
 YES
 NO

SUMMARY OF SPECIAL INSP. - RELATED INFORMATION

DIABLO CANYON

Allegation Investigation of 4-11-84	DATE 1/18/84	TIME INITIATED	TIME COMPLETED
MEETING INTERVIEW TELEPHONE CALL COLLECT () YES () NO OTHER	PARTICIPANTS OTHER NAME NEC: <u>ARuff</u> #04		ORGANIZATION YES. ON SITE
[REDACTED]			

ARY: ARE YOU, OR ARE YOU AWARE OF, IMPROPER MANAGEMENT PRESSURES
 JOINED QUESTIONS: TO "CUT CORNERS" (i.e. sacrifice safety to meet schedules, etc)? No

① Do you feel ~~intimidated~~ intimidated or for any reason do you have reservations about bringing quality or safety concerns to the attention of management? No

② Do you feel that Diablo Project is a quality job and that after completion of a successful testing program it would be safe to operate? When complete, he considers that it will be safe

③ Do you know of any employee who was dismissed for bringing up safety concerns? Yes, He stated that he felt that Tamson was dismissed because of safety concerns & pressure from the HPT Supervisor and that Mr. Eric High (AST mgr of QC) quit because of pressure from the production Dept.

④ Was the inspection per NCR 8802-07 satisfactory? Ample YES

ATTEN BY: ARuff DATE: 1-18-84 PAGE OF 1 1

Problem Statement

Allegation #(s): 24 26

NOTE: → Confidential

ATS No.(s): RV03A33

BN(s):

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

<u>Allegation#</u>	<u>Verbatim Statement or Reference</u>
②	H.P. Foley was not documenting Nonconformance Reports issued by field inspector
③	H.P. Foley has incorrect procedures for voiding Nonconformance Reports.

Commentary

The subject of allegation No. 24 and the referenced ATS (No. RV03A33) are inconsistent. Discussions with the regional NRC inspector who received the telephone call from [redacted] (the allegor) on August 11, 1983, indicated that the major concern

(Continued next p)

Date This Statement was Completed 3/6/84

J. Deslaurier
Technical Reviewer Signature

X-74

Problem Statement Continuation Sheet

expressed by [redacted] was that "Red head anchor bolts were unsatisfactory for safety-related electrical raceway supports." Additional concerns expressed dealt with H.P. Foley (1) not documenting Nonconformance Reports and (2) that incorrect procedures for voiding Nonconformance Reports were being used.

The Red Head anchor bolt issue is documented as Allegation No. 25 in SSER No. 21.

The staff attempted to contact [redacted] on three occasions (8/17, 8/30 and 9/27/03) to relay and confirm our findings, but ^{the staff was} ~~were~~ unable to make contact with [redacted]

Mr. [redacted] last known address was:

[redacted]

Allegation Nos. 24

2 of 2

G. Nersisyan 3/3/04

Problem Statement

Allegation #(s): 24

ATS No.(s): RV83A28

BN(s):

NOTE: → Confidential

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

Allegation#

Verbatim Statement or Reference

①

H.P. Foley rejected Nonconfidential Reports without justification.

See - attached allegation tracking data sheet.

Commentary

All information on this allegation is contained in the attached form. Further information is contained in ATS No. RV-83-0046.

Date This Statement was Completed 3/5/84

G. Durandy
Technical Reviewer Signature

Problem Statement

Allegation # (s): . 24 46

ATS No. (s): RV 03A46

BN (s): No. 03-164 (10/27/03)

NOTE: → Confidential

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

Allegation#

Verbatim Statement or Reference

① & ④

Allegor forwarded four Nonconformance Report which he feels were not dealt with properly

Commentary

This allegation was handled as item 1 and 4 of allegation No. 24 (ATS Nos. RV03A28 & RV03A33). Item 1 is entitled, "H.P. Foley rejected Nonconformance Reports without justification," and item 4, is entitled, "H.P. Foley has incorrect procedures for voiding Nonconformance Reports."

Date This Statement was Completed 3/5/04

G. Hernandez
Technical Reviewer Signature

Problem Statement

Allegation #(s): ~~57~~ 57

ATS No.(s): ~~ATS No.~~ RV-83-A-0057

BN(s):

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

Allegation#

Verbatim Statement or Reference

57

*Pullman
concern
covered
in
NSC audit
concern
folley*

Memo to File from Robert A. Purples, dated 11/9/83, from Telephone call from Dr. Henry Meyers, Subcommittee on Energy and Environment
Item 5 "Check documentation to establish Folley and Pullman record on certification of inspectors. Review NCR's against inspector control prior to 1983. Note those NCR's and their disposition"

Commentary Pullman QC inspectors not covered in inspection and documentation. ^{Folley}
Prior to 4/81 documentation of certification of QC inspectors was not required by neither the NRC nor by 96+E contractors. Currently QC inspectors must be certified to the Requirements of ANSI N45.2.1b.

Date This Statement was Completed March 9, 84

[Signature]
Technical Reviewer Signature

X-75
#

1/18/83 3:50 EST → ~ 7:20 PM

for Myer Office

Allegation #57

5 pg typed document listing 3 allegations

entitled: Diable Canyon Nuclear Power Plant
The Problems (a partial listing).

Other documents

General label

1. a.

1. ICCFR 21 Nonperformance Report 6/30/83

(not repeatable ref Foley NCR [8802-824 Rev 1] [6/6/83] [Foley Review])

6 2. Foley NCR [8802-824 Rev 1] 6/6/83

Unit 1/2 Class I ref procedure @ CP-6A, Rev 0.

Init'd 3. Bloch 6/6/83; [P.A. Carter, 6/6/83 CC Supv]

[Disposition: [Foley 6/6/83] PGE Russell 6/30/83 initial [DB]]

"Between 12/7/82 - 3/10/83. Level I inspectors, certain reg-

Level II Co sign-off ref memo Dabel [3-4-83]

NCR applicable to both Foley inspectors and Foley Contract

Catareft personnel ref PGE Audit [83043 2/83]

"Original [8802-824] NCR was inadvertently misplaced"

Reimp 10% of work for questionable impo-

Interview supervisors, determine confidence level.

Level II not req'd to sign if no evaluation of results right

c. Activity Audit 1/66 @ A Dept. [83043A]

Auditor HIS [Dols-zandy, 2/7-11/83] Room

d. "QC Inspector List"

Name	DISCIPLINED	INITIAL / EXIT DATES	TIME PERIOD	STATUS
[Redacted]			9/17/82-9/17/82	12/7/82-12/7/82

(31 pages)

Not Confidential

All-dispositioned by PGE yet

(subject does this mean)

MTG w/ DR. H. MEYERS
11/19/83 3:30 - 7:20 PM
@ DR. MEYERS OFFICE

B

(Partial listing)

Unidentified, unqualified QC inspectors. - Allegation # 57

Ref: QC Insp. list

NCR #8902-824 Rev 1
PCE Audit #83043A

Up to 1/83 no true safety act program; 9/12/79-4/25/80 civil insp. were req'd to be cert'd by procedure - but none were per QC list; 3/2/81 then 12/7/82 QC act right per procedure - but no criteria; insp not cert'd to specific task; General acts "Electrical Insp" issued; prior to 1/83 QC insp no edun. background & no prior work exper. & no consistent training program.

NCR #824 only address prob post 12/7/82 not post 10 yr.
PCE Audit #83043A only " " " " " "

c -> NCR not reported to NRC.

- Review/analyze

Not Confidential

Information obtained by Bishop from Meyers.

PROBLEM STATEMENT

Allegation No(s): 101

AIS No(s): RV-83A-0073

BN(s):

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that ALL points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is NO or very little original information available which describes the concern(s). (This can occur if, for example, a one line concern was received in an interview).

PROBLEM STATEMENTS (use extra sheets as necessary)

ALLEGATION #

VERBATIM STATEMENT OR REFERENCE

101

Reference Howard P. Foley Company Interoffice Communication dated [REDACTED]

[REDACTED] NRC. Also see blue binder of backup material provided by the same allegor.

COMMENTARY

The referenced communication itemizes the use, in procedure No. QCP-5A, of terms such as "maybe", "should be", "if necessary", etc., without comment as to why such use is objectionable. This aspect of the original problem statement has not been specifically addressed although procedure 5A was reviewed and found satisfactory.

Date This Statement was Completed 3/9/84

DK
D. Haist

Technical Reviewer
Signature

PROBLEM STATEMENT

X-76

1-23-84

WORK No
Home No

Currently employed by Intermountain Power Project (IPP)

Used to work for Foley

Wanted us to look at NCR 8802-924

This NCR was "VOIDED"

Main concern - "Not meeting AWS D1.1 reqmts"
He talked to Moss Davis - AWS and he
agreed with [redacted] that AWS was not
~~being~~ being met,

He would like an answer back
on this -

Bill Wagner

Telecon 1:40 PM

101
()
ATS, No. R/23A-0073

Characterization: H. P. FOLEY USED/USES UNQUALIFIED WELDERS AND UNQUALIFIED WELDING PROCEDURE SPECIFICATIONS

Initial Assessment of Significance: IF SUBSTANTIATED, THE AFFECT ON SAFETY RELATED STRUCTURAL STEEL AND FOOTING SUPPORT WELDING COULD RENDER THE QUALITY OF THAT WORK "INDETERMINATE."

Source: CONFIDENTIAL ALLEGOR DID [REDACTED] RII INSPECTOR

Approach to Resolution:

Status:

Review Lead: RV

Support:

Support:

Estimated Resources: 8 MAN/DAYS

Estimated Completion: 3/1/83

-
1. REVIEW CIRCUMSTANCES AND RESOLUTION OF FOLEY NBR 1802-924
 2. REVIEW 100% OF FOLEY WELDER QUALIFICATIONS FOR CODE/STD CONFORMANCE
 3. REVIEW WELDER'S PRACTICE SPECIFICATIONS NOS. 31, 32, 35, 36, 86 (AND PROCEDURAL QUALIFICATION BASIS) FOR CONFORMANCE TO AWS D1.1.
 4. EXAMINE COMPACT SHEETS FOR REV. 9, AND COMPARE TO ^{ISSUED} PROCEDURE, OF QCP-5A FOR AWS COMPLIANCE
 5. EXAMINE QCP-5A REVISIONS 3, 4, 5 AND 9 FOR AWS D1.1 COMPLIANCE
 6. EXAMINE QCP-5B, REVS 3 AND 4; QCP-5C, REV. 0; AND QCP-5D, REV. 0; FOR COMPLIANCE WITH AWS D1.1.

1 Sep 84

3/6/84

Ed Girard



Looked at work under
generally - weak procedures

1978
procedures

Not so out of phase w/ current
industry practice

welding examined - pretty good.

Not inconsistent w/ industry practice

down new under line

But not enough to tear out
we do.

would not accept procedures for plant being built
now

ALLEGATION #101

ACTION ITEMS / NONCOMPLIANCE ITEMS

welder training. Two minor deficiencies were identified by the staff during review of this issue:

- (a) The welder qualification list indicated that welder "US" was qualified to limitation 1 whereas the welder qualification records indicated that he was qualified to the more restrictive limitation 2.
- (b) The qualification record for welder "M27" for limitation 5 does not indicate completion of an acceptable fracture test as required by the ASME Code Section IX, Subsection QW-452.4.

correspondence. The following minor deficiencies were identified by the staff in the reviews of welding procedure qualifications for procedures contained in other QCP's:

- (a) The welding procedure qualification records for QCP-5C, WP-RS-4 do not indicate performance of the macroetch test required by the AWS D1.4-79 code.
- (b) The welding procedure qualification record for QCP-5D, M05 does not list the actual preheat used as required by the ASME Code Section IX, Subsection QW.201.
- (c) Procedure QCP-5C does not place any restriction on the carbon equivalent of reinforcing steel welded in accordance with a qualified welding procedure as required by the AWS D1.4-79 code.

addressed by the licensee. An apparent minor deficiency was identified by the staff during the procedure review regarding instructions from PG&E to the H.P. Foley Company to weld thin sheet metal to the requirements of the AWS D1.1-75 Code which is not intended for this application.

3/12/84

Attachment No. 1

The attached sheet documents a telephone conversation (on December 20, 1983) between an NRC Region III (Chicago, Illinois) Reactor Inspector (Mr. Isa Yin) and the NRC Region V (Walnut Creek, California) Director, Division of Reactor Safety and Projects (Mr. T. W. Bishop). In the attached sheet Mr. Bishop summarizes the concerns of Mr. [REDACTED] (the alleged) as relayed by Mr. Yin and as understood by Mr. Bishop.

On December 22, 1983, Mr. D. F. Kirsch (at the direction of Mr. Bishop) contacted Mr. [REDACTED] (the alleged) to clarify the concerns expressed. This telephone conversation is documented and is enclosed as Attachment No. 2.

G. Hernandez
G. Hernandez, NRC Region V

3/12/84
Date

v-79...

1:120/23 805

CONV. INVESTED

~~CONFIDENTIAL~~



F.E.
Resid. Ph.

6:00 AM ^{PS} call to Isa Yen.
best time to call ~
Ally.

1) Supr.

presented him for writing MVR's
concerning welding design deficiencies.
waiting to show/discuss

- a. Design main office does not show weld symbol
- b. field office. " " " " "

2. Drafting error re weld symbol

3. Hanger / P.W. ^{Part} AWS D1.1 2.7 detail of metal thickness
req'd. - put in smaller welds all around. via
larger size. => could result in cracking problem

4. P.W. ^{Part} design for prepreg. ^{both} bevel joints.
In one instance 3/16" weld on day with a +
particulars with out (mark on left hand side of symbol)

(Jeffrey) Effective weld throat of only 1/16". End up deducting 1/8"
reduction per AWS Code.

3/12/84

Attachment No.2

The attached sheet documents a telephone conversation (on December 22, 1983) between Mr. D. F. Kirsch, Chief, Reactor Safety Branch, and Mr. [REDACTED] (the allegor) clarifying a number of issues originally expressed to Mr. Isa Yin (NRC Region III, Reactor Inspector).

G. Hernandez

G. Hernandez, NRC Region V

3/12/84

Date

3-16-84

Problem Statement

Allegation #(s): 71, 73, 183

-ATS No.(s): RV-83-A-0058
RV-83-A-0061
RV-84-A-0004

BN(s): N/A

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the alleger are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statement (use extra sheets as necessary)

<u>Allegation No.</u>	<u>Verbatim Statement or Reference</u>
RV-83-A-0058	Confidential source of information which, by and large, was already being investigated by Local Law Enforcement Authorities (LLEA). Investigation is continuing. Arrests and terminations of 58 individuals suspected of drug use or sale have occurred to date. Assessment is needed of possible effect on safety-related work.
RV-83-A-0061	Ref: Letter, [redacted] to J. B. Martin received November 21, 1983 (attached).
RV-84-A-0004	Confidential source of information regarding drug use in construction toilets.

Commentary

Each of these three allegations deals with a drug problem which the licensee in cooperation with LLEA has been investigating since April, 1983. Both confidential sources are cooperating with LLEA whose investigations are continuing.

Date This Statement was Completed 3/14/84

[Handwritten Signature]
Technical Reviewer Signature

X-78

0098
A11eg-71

Diablo Canyon Project



PACIFIC GAS AND ELECTRIC COMPANY
BECHTEL POWER CORPORATION

February 7, 1984

L. Norderhaug
NRC Region V
Walnut Creek, CA

Mr. Norderhaug:

The material enclosed has been prepared to address concerns related to work performed by individuals alleged to be involved in drug related activities.

Although the material is believed to be accurate, PG&E Management's review has not been completed.

Additionally, supporting records are available at Diablo Canyon Power Plant.

R. D. Etzler
Field Construction Manager

RECEIVED
FEB 10 2 10
1984

February 7, 1984

Investigation of Quality Work Performed by Persons
Allegedly Involved in Drug Dealings or Use
at Diablo Canyon Site

Identifying Work Requiring Investigation

PG&E General Construction Quality Control Department has determined that 24 of 58 persons allegedly involved in drug related activities have performed quality work. Personnel and work records for each person were reviewed and those that did not do quality work were not investigated. Interviews with appropriate supervisors were used to specifically identify some of the quality work each of the 24 remaining people worked on.

Procedure for Investigating Work

Construction Quality Control inspectors were assigned specific individual's work to be investigated. Approximately 10% of the work done by each of the individuals was visually checked, either physical work for craftsmen or documentation for inspectors. A Surveillance Inspection Report was prepared documenting the investigation of each person's work.

H. P. Foley examined the time records for each electrician involved to get the work package identification numbers. PG&E Construction Quality Control questioned the respective foremen to further identify the work done by these men. Work examined included conduit, and support installation, wire and termination installation.

0040M/0001M

The work done by ironworkers and pipefitter welders could be specifically identified from process travelers.

The work packages that iron workers and pipefitter fitters worked on could be identified from the time cards and supervisor interviews. In that case a sample of work from the work package was inspected.

Results of Investigation

All quality work in the sample investigated by Construction Quality Control was acceptable with one exception.

Some Unit 1 HVAC supports inspected by a H. P. Foley Q. C. Inspector were apparently accepted with discrepancies. Identification of additional work done by the person is in progress, and reinspection will be done to establish acceptability of work done by this person.

All quality related work was subjected to the normal inspection and document review in accordance with the respective Contractor's quality program. With the exception of one H.P. Foley Q.C. inspector, PG&E is confident that the quality related work done by the individuals being investigated is acceptable since there are several levels of inspection and review of quality work.

Problem Statement

Allegation #(s): 56

ATS No.(s): RV83A42

BN(s):

This document lists (or directly references) each allegation or concern brought to the attention of NRC personnel. The purpose of this statement sheet is to assure that all points raised by the allegor are covered.

If the problem statement is not clear as to who, what, where, when, or why regarding the issue, the commentary section will amplify the statement. The commentary section will also be used if there is apparent conflicting information or if there is no or very little original information available which describes the concern(s). (This can occur if, for example, a line concern was received in an interview).

Problem Statements (use extra sheets as necessary)

Allegation#

Verbatim Statement or Reference

56

Pitting of main steam and feedwater system piping not repaired or dealt with.

Commentary

while having a luncheon meeting with [redacted] this allegation was passed over the table. The statement above most accurately represents the allegation as the NRC staff understands it.

Date This Statement was Completed 3-21-84

De Carter
Technical Reviewer Signature

X-79

~~X-79~~

dh.

FILECOPY

Task: Allegation or Concern No. 56

ATS No.: RV-83-A-0033

BN No.: 83-02/14

Characterization:

Pitting of Main Steam and Feedwater Piping

Action Required

No further action required on this allegation - refer to SSER 21.