


10/20/82

Memo for: Eric Johnson
From: Bill Johnson
Thru: Bill Seidle 

Subj: Wolf Creek Allegations

Four former Daniel employees now employed by Kaiser Engineers at the Zimmer site made two allegations to the Zimmer NRC SRI and, by telephone, to Tom Vandell, the Wolf Creek SRI. They were inspectors with Daniel until they resigned due to dissatisfaction with working conditions. They allege:

- 1) Daniel ~~management~~ management met with QC personnel at Wolf Creek. At this meeting the following policy was stated "If a QC inspector will not sign off an inspection step, his supervisor is to be called. The supervisor is to perform the inspection and sign it off. The QC inspector is to be retrained and recertified."

The implication was that the recertification process might fail and result in dismissal.

- 2) Daniel management uses 3-part memos to bypass or change QC and work procedures without performing the proper procedure change process.

The four are willing to talk with the NRC. Two of them gave Daniel their names and phone numbers:

- Marshall Sexton,

They are staying at the Ramada Inn outside Cincinnati on Tobasco Road and Hwy 125. Telephone 513-528-3800, Room 103 and 123, respectively. They may be contacted after 4:30 pm.

W.D. Johnson

3-16-83

3pm

Ronnie F. McGraney - Senior M/W
Q Super. w/ Daniel at WC 6-2-82.
9 years w/ Daniel

Summer 1982 meeting - previously
accepted by Level II the re-inspection
by Level II was to call lead.
I don't think Schryer ~~was~~ was
indicating retraining would lead
to termination.

I held the meeting w/ inspectors.
QC Supervisor void NCRs } terminology
Q Engineers "close in process" } difference

After CAR 0019 Inspectors were
given retraining. The re-inspections
were no different than original

NCRs are not voided by me more than
twice a month.

If QC management voids it ~~it~~ goes to
Q Engineering. A regular NCR goes to
Construction Engineering.

Memos are used to clarify procedures
until revision is made.

I do not use memos as ICPs

NCRs are in the traveler packages
and contain the engineers explanation

QIC program for hqrs was initiated
in Jan - when started the ~~doc~~ : doc
rpt was on the QIC chart.
However subsequent to 201 being issued
and the belief that QIC were checking
this ~~to~~ the QIC's who were preparing
the Checklists began X/A this report

Only a 2 wk period in early Aug 82
when X/A was occurring.

CK

✓ GOINS - was signing NF
ASME
Sec 3
visual acceptance criteria for hqrs
w/o looking @ them
falsifying insp records

he was sending other non NF cert. mps
to conduct the inspections & ~~they~~
~~would rpt back~~ doc that & map on
the work . . . ~~he would~~ The craft
representative would then take doc to Goins
and he would sign it off. finally DISQA

I went to Tim GETSCAFF (Sup Mod. A. K. D. C.)

They caught him & got rpt on it.

Goins was transferred to another job.

After I got my 1st cert they had me go back
and re-insp all his inspected hqrs.

There are some that I never re-inspected in Puerto B.

3 found new which
were defective

① said that in the late summer of '82 QC's were refusing to sign off on things which were defective.

- he said in early Sept 82 a Supt named Fredricks called all Lead Insp's & Foreman together and told them they would be responsible for signing off ^{Rep} items which QC's refused to sign
- He said McCroney then called his QC's together and made speech relating above & also that QC's would be sent to training for re-cert if they refused to sign off repeatedly

* Attempted Intimidation of QC's

Winn-Dix

11/2/82

- > one of the msp's found her pkg and wrote out
- > carried McCraney - he ^{was in the} said to suppress it
- based on an existing NDR which dispositions
- saying msp is to draw line time/initial/date
- > they were using the ~~xxx~~ as basis for this action

> Bruce Monroe wrote 4 or 5 page NDR relating
park violations in ~~used~~ documentation group
written in Sept 82.
heard they were trying to cover it up

Mauldin memo

200 stated ac would do else's loc ck prior to fit up
nobody was doing it because ~~Sept~~ Larry Phillips
said it was taking too much x & holding up craft.

209 stating same right. ac's started using this
as msp criteria - ac's going by it

Mauldin thought 200 didn't have this else's loc
right so he was trying to get people bk to
200 so they would not ck locations

when ac's then continued msp else's loc
Phillips again reiterated order to disregard
that portion.

GIC people were then getting the report for else's
on their ck sheet with ~~it~~ out - means this
has never been checked

2/1/92

SPEECH

From Mr Conway - early Sept 82, called leads: Surfer
McCrone's Supv (Fredrick) called us in
and said that if QC is refused to sign
documentation off (no conditions IDed).

QC's were refusing to sign things w/ prob's of

- QC's were then brought in by their
respective supervisors who told them that
if they refused to sign off the Qad
would and if that type condition
continued the QC would be sent to
trng for re-certification.

I believe that @ a higher level craft inguit
had complained that QC was holding progress
up & this order had then come down
from QC inguit.

I was close to my people

I never did override a decision by my people.

- After these instructions were given I told my
people to just be sure they were right.

ADKINSON

* back to Larry Atkinson - has copies of numerous
work & ID which have been cancelled of justice

in 11/24/82 was telephonically
interviewed by the FBI. [redacted] stated
that when he & Marshall Sexton were terminated
by Daniel they ~~immediately~~ were contacted for
NRC Resident Inspector ~~concerning~~ ^{regarding}

several of concerns about practices at
WLS. [redacted] stated that since that time
he has learned that DT ~~the~~ personnel has
rated him as "not eligible for rehire."

[redacted] stated he feels they are attempting
to "blackball" him within the nuclear industry.
"I don't want to dig myself in a hole further."

[redacted] stated his concerns are that QC temps
are being intimidated to get them sign off
documentation for work which is not
properly done. As an example he stated
that when a flue head assembly was
installed on the North side 2000 c/c
shield and penetration tacks were not
preheated and that an NRP ~~was~~ had
signed them off as a supervisors engineering

also stated another major prob was
the use of whiteout to alter various
documents. [redacted] did not ID any

specific documents, but stated that
Larry Henson, currently empl in the
DT T-1, DT 6, WLS has ~~been~~ can ID
numerous records of this sort.

He further stated Henson has
boxes of voided DT's

which are another prob @ ugc

1. John (phonetic) has been "contacted" by DT & C. He stated he was unable to provide info to the KRC if asked. He also named Paul Hake, ~~and~~ Roni Friar and Alan Clifford as other suspects. DT & C ~~are~~ personnel who would provide info.

stated that as a result of his
concerns re: cont. he did not want to
be personally int. in providing a start.
He stated he expected WRC to utilize the
areas he'd like to form an association
which would bring out the profits

$\frac{25}{4}$

The NCR 15N5716P was written to report improper revision done to J-M03-6623(0) ECR-05 sheets 2, 3 and that WP-VII-209 R/12 did not address Weld Control Record sheet revision specifically.

The disposition of the NCR determined ^{to find} 'NO DOCUMENT EXISTS', however the procedure WP-VII-209 next revision will provide additional clarification, if necessary.

D.E. Comment: The travels / ECR are prepared and revised by Engineering. D.E. reviews them to verify that they were prepared / ^{revised} in accordance with the current procedures. WP-VII-209 R/12 as well as R/13 do indicate how a travel is prepared / revised and when ECR's are generated - their numbering system. The travels cannot be revised by simply crossing out '0' and adding 1 by D.E. it has to go through normal revision process. The disposition of the NCR did not OK such activity. Pages 438, 439 and 440 of WP-VII-209 R/13 may be helpful.

M. White

10/2/82

11-2-82

18 FLINT

6-16-81

MSSWR'S FOR

REMARKS

FINAL VISUAL

INSPECTION PER APPLICABLE PROCEDURES

(FLINT)

QC SUPVR.

SIGNATURE

Larry,

This problem has been addressed to the GC Engineers many times by the supervisors and IAA. The problem is supposedly going to be resolved. I feel that this memo, in light of previous notification to Engg. of this problem, is not necessary and nothing will be gained by it. I appreciate your concern in this matter. *Phillips* 3-31-82



UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INVESTIGATIONS FIELD OFFICE, REGION IV
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TEXAS 76011

DATE: September 8, 1983

REPORT OF INVESTIGATION

TITLE: WOLF CREEK NUCLEAR GENERATING STATION
ALLEGED INTIMIDATION OF DANIEL INTERNATIONAL
MECHANICAL QC INSPECTORS

CASE NUMBER: 4-82-016

CONTROL OFFICE: OIFO: Region IV STATUS: CLOSED

PERIOD OF INVESTIGATION: December 1, 1982 - February 18, 1983

REPORTING INVESTIGATOR: H. Brooks Griffin
H. Brooks Griffin, Investigator
Office of Investigations Field Office, Region IV

PARTICIPATING PERSONNEL: Donald D. Driskill, Investigator
Office of Investigations Field Office, Region IV

REVIEWED BY: Richard K. Herr
Richard K. Herr, Director
Office of Investigations Field Office, Region IV

William J. Ward
William J. Ward, Director
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Roger Fortuna
Roger Fortuna, Deputy Director
Office of Investigations

APPROVED BY: Roger Fortuna
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Office of Investigations

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FOIA 84-29

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Summary

During October of 1982, four QC inspectors previously employed by Daniel International (DI) at Wolf Creek made an allegation to the NRC Resident Reactor Inspector at the Zimmer nuclear construction site in Moscow, Ohio. The inspectors alleged that QC inspectors at Wolf Creek were not given adequate freedom to report nonconforming conditions. An investigation was initiated regarding the allegation, and six former DI QC inspectors were interviewed, including the original four inspectors who made the allegation. The six former DI inspectors provided testimony that DI QC management personnel had instituted a policy of management review of nonconformance reports (NCRs) before allowing inspectors to formally issue NCRs. The former DI inspectors testified that numerous nonconforming conditions were not reported because DI QC managers voided NCRs, thereby, restricting the inspector's reporting of violations. The former DI inspectors further stated that DI QC inspectors were threatened with termination if they failed to adhere to this policy.

During February of 1983, six DI QC inspectors, one DI QA inspector, and three DI QC lead inspectors were interviewed at Wolf Creek. These inspectors reported numerous instances of DI QC managers directing inspectors to conduct their inspections to instructions contained in three-part memorandums which conflicted with procedures. These DI inspectors related numerous instances where NCRs and DRs (Deficiency Reports) were "voided" or "closed in process," which they felt restricted their freedom and allowed nonconforming safety conditions to go uncorrected. Four of the DI QC inspectors provided the NRC with copies of NCRs and DRs they identified as "voided," NCRs "closed in process," and three-part memorandums. These inspectors stated that the above documents were examples of nonconforming conditions and/or constituted violations of procedure. Two of these inspectors indicated they kept these documents to "cover themselves" should questions be raised as to the validity of their inspections.

These DI QC inspectors reported that many of their concerns about freedom to inspect and report nonconforming conditions had been alleviated since 1982 by DI management's response to their complaints. Further, none of DI QC inspectors

interviewed indicated they felt threatened with termination from the instructions received by supervisors concerning the policy of NCR review. The inspectors stated that four DI QC supervisors primarily responsible for the restriction of their inspection freedom had either been transferred to another site, taken out of the chain of command, or terminated.

The DI Project Quality Inspection Manager, the DI Senior Quality Supervisor, and two DI QC supervisors were interviewed, and they explained that the review policy for NCRs at Wolf Creek was implemented to avoid invalid NCRs. They emphasized this policy was not an attempt to curtail the reporting of nonconforming conditions. They further testified that three-part memorandums were used to clarify or interpret procedures, and were not intended to circumvent approved procedures. They explained that many of the NCRs voided by DI QC supervisors were not legitimate violations. The above supervisors explained the QC inspectors were told that if they continued to write invalid NCRs, retraining would be initiated, and inspectors failing to re-qualify would be terminated. The DI Project Quality Inspection Manager stated that this policy was not intended as a threat, but was meant to emphasize the need for a professional inspection effort by all QC inspectors.

DETAILS

Purpose of Investigation

The purpose of this investigation was to determine if Daniel International (DI) management personnel at Wolf Creek intimidated DI QC inspectors through: (1) newly implemented policies and instructions which restricted their freedom to report non-conforming conditions and/or conduct independent inspections, and/or (2) threats of termination for not following newly implemented policies.

Background

During October 1982, four QC inspectors who formerly worked for Daniel International (DI) at Wolf Creek, made an allegation to the NRC Senior Resident Inspector at the Zimmer nuclear construction site where they were employed. These inspectors alleged that DI management personnel at Wolf Creek attempted to intimidate QC inspectors by restricting their freedom to report nonconforming conditions. The former DI QC inspectors alleged that DI QC management personnel conducted a meeting in which they told the QC inspectors that if they refused to sign off on an inspection step, they were to call their QC supervisor. It was further alleged that DI QC management personnel instructed the QC supervisors to perform the inspection and sign off on the inspection if they disagreed with the inspector's evaluation of the situation. It was alleged that DI QC management personnel indicated that QC inspectors could be retrained and required to be retested for their certifications if this happened too often. The former DI QC inspectors alleged it was implied by QC management personnel that those inspectors might fail to recertify, and as a result be terminated. On or about October 20, 1982, this allegation was also telephonically reported by these same DI QC inspectors to the NRC Senior Resident Inspector at Wolf Creek. On or about October 29, 1982, the Region IV Regional Administrator requested DI's assistance in investigating this allegation.

INVESTIGATOR'S NOTE: During the course of this investigation, two examples of potential restrictive measures placed on QC inspectors by DI QC management were identified; namely, (1) conflict of QC procedures (QCP VII 200-204) and (2) improper use of white out. These examples were previously reported as separate technical issues to Region IV under A4-83-002 and A4-83-004 respectively.

Telephonic Interview of

On November 30, 1982, _____ a QC inspector, was telephonically interviewed by NRC Investigator D. D. DRISKILL. _____ stated that when he and Marshall SEXTON resigned as quality control inspectors from Daniel International (DI) Corporation at Wolf Creek, they contacted the NRC Resident Reactor Inspector regarding their concerns that DI QC inspectors did not have the freedom to perform their duties as required by procedure at Wolf Creek. _____ stated he believed that QC inspectors at Wolf Creek were being intimidated by their supervisors in order to force them to sign off on inspection documentation for work which was not properly done. _____ stated that DI QC supervisors forced inspectors to deviate from inspection requirements by writing three-part memorandums authorizing deviations from the appropriate inspection procedures. He stated that conducting an inspection in accordance with a three-part memorandum, rather than the appropriate procedure, restricted the QC inspectors from documenting nonconforming conditions. _____ also stated that QC inspectors were required to submit their nonconformance reports to QC supervisors for review prior to the NCR being submitted into the corrective action system. _____ stated that frequently an NCR was disapproved by management resulting in the nonconforming condition going uncorrected. _____ stated that Larry ADKINSON, a DI training coordinator currently employed in the DI training department at Wolf Creek, could provide documents which would corroborate his _____ statements. _____ additionally identified Paul HALE, Ron FRIAR and Alan CLIFFORD as other current DI QC personnel who could provide information relating to these concerns. _____ stated he preferred not to be interviewed in person, nor did he wish to provide a statement concerning this matter.

INVESTIGATOR'S NOTE: _____ seemed hesitant to discuss in detail the above concerns over the telephone.

Reinterview of

On December 2, 1982, (supra) was reinterviewed by NRC Investigator D. D. DRISKILL at the Zimmer Nuclear Project, Moscow, Ohio. stated he was employed as a DI QC inspector at Wolf Creek from and during this time, was a

related that in early September 1982, Ron McCRAVEY, DI Senior Mechanical Welding Quality Supervisor, had called a meeting of QC leads and supervisors, and instructed them that if QC inspectors refused to sign off documentation approving a QC inspection, then the QC lead was to approve inspection by signing the documentation. stated that he along with other QC inspectors were subsequently told by supervisors that if they did not sign off documentation approving inspections, their lead inspector would be responsible for signing the documentation. stated the supervisors additionally told him, along with the inspectors, that in accordance with McCRAVEY's instructions, repeated situations involving inspectors not signing off inspections would result in their being sent for training and recertification. indicated that if an employee failed to recertify, he might be terminated. stated these instructions were a direct effort on the part of QC management to reduce the number of rejectable inspection reports by QC inspectors. stated during the time he was a lead QC inspector, he was very close to his subordinates and never refused to allow them permission to write a rejectable inspection report.

stated another of his concerns related to the use of white out on official documents. stated in the summer of 1982, one of his inspectors had identified a hanger traveler which contained white out. stated he talked with Ron McCRAVEY about this, and was told to disregard the white out on the document. He stated McCRAVEY instructed him to draw a line through the white out and place his initials on the adjacent line, which in essence would give QC approval to the change on the document. stated McCRAVEY explained that a formerly dis-positioned NCR approved such corrective action on documents. stated his concerns regarding this matter were twofold. He stated the use of one NCR as a basis for various types of corrective action was a poor policy, and secondly that approval of the use of white out could result in inaccurate data being approved on a document. again declined to execute a signed, sworn statement.

Interview of Roy STUDDARD

On December 1, 1982, Roy STUDDARD, formerly a QC inspector at Wolf Creek and presently a QC inspector at the Zimmer site was interviewed by NRC Investigators D. D. DRISKILL and H. B. GRIFFIN at the Zimmer site. STUDDARD stated he had been employed by DI at Wolf Creek as a QC inspector from September 1981 through October 1982. STUDDARD stated he felt the DI QC management personnel at Wolf Creek were interfering with the QC inspectors' performance of their jobs. STUDDARD indicated his biggest problem at Wolf Creek was the conflict between training and the work instructions given by QC management personnel in the field. STUDDARD stated that Larry PHILLIPS, a DI QC supervisor, told him, "you don't work the way training tells you, you do what we tell you."

STUDDARD was asked whether he attended a meeting during the summer of 1982, concerning inspectors calling their leads when they discovered a nonconforming condition. He stated he vaguely remembered the meeting. STUDDARD stated the contents of the meeting did not cause him to change his inspection procedures. STUDDARD said he did not write many NCRs, but instead had craft correct the problem, thereby, avoiding a lot of "hassles." STUDDARD stated he knew that having the defects repaired and not writing an NCR was in violation of procedure, but he believed "it got the job done."

STUDDARD recalled that on one occasion, he had a problem with a three-part memorandum that QC inspectors were given which instructed them to do their inspections on hanger locations under QCP VII 200, as opposed to QCP VII 204. STUDDARD stated he had not been trained to determine the locations of hangers, and he felt he was not qualified to sign off on the location criteria. STUDDARD stated the QC inspectors at Wolf Creek were required to work to three-part memorandums.

STUDDARD further stated that of the total NCRs he wrote, many were voided and the nonconforming condition never reported. STUDDARD stated he had not retained copies of NCRs that had been voided, and could not provide specific details.

Interview of Vernon DREWES

On December 1, 1982, Vernon DREWES, a mechanical welding QC inspector at Zimmer, was interviewed by NRC Investigator H. B. GRIFFIN. DREWES stated he had been employed as a mechanical welding QC inspector by DI at the Wolf Creek site from October 1981 until October of 1982. DREWES stated he was one of seven QC inspectors who gave notice to DI during October of 1982 and was promptly fired. DREWES stated that DI did not pay the inspectors their severance pay.

DREWES was asked whether he attended a meeting on inspection policies regarding NCRs held by QC management personnel during the summer of 1982. He stated he had not attended the meeting, but was later given instructions by a co-worker to call his lead when he identified a nonconforming condition. DREWES stated that during his last 4 or 5 months at Wolf Creek, a policy was implemented that no NCRs were to be written without supervisory permission. DREWES stated that when NCRs were written by QC inspectors, they were sent to McCRAVEY, the senior QC supervisor. DREWES stated McCRAVEY voided many of these NCRs, and they were not issued. DREWES stated that initially these NCRs were sent back to the QC inspectors with a written explanation, but later when the supervisors (not further identified) found out the QC inspectors were keeping copies of these voided NCRs with the explanations, they discontinued writing explanations. DREWES stated the supervisors started verbally explaining to the QC inspectors why the NCRs had been voided. DREWES stated he had only two of his NCRs rejected at Wolf Creek. DREWES stated that rather than write NCRs he often had craft employees correct the problem, thereby avoiding the issuance of NCRs which he believed would be voided anyway.

DREWES stated he also had difficulty with a three-part memorandum which instructed the QC inspectors to sign off on locations of hangers, as described in QCP VII 200. DREWES stated he understood that the lead QC inspectors were responsible for determining location, but that QCP VII 200 required QC inspectors to sign off on location. DREWES stated he did not think he was qualified to verify a location, because he did not have a mechanical certification. DREWES further stated that QC supervisors complicated the inspections by instructing QC inspectors to conduct work

that was sometimes in conflict with training. DREWES stated he was told by a DI supervisor, Larry PHILLIPS, "to hell with training."

Interview of Thomas O'CONNOR

On December 1, 1982, Thomas O'CONNOR, a QC inspector employed at the Zimmer site, was interviewed by NRC Investigator H. B. GRIFFIN. O'CONNOR stated he had been employed as a level-II piping and welding inspector for DI at Wolf Creek from June 1981 until October of 1982. O'CONNOR stated he left DI because he had been offered a more lucrative job at the Zimmer site. O'CONNOR stated he had been one of seven QC inspectors who had been immediately terminated at Wolf Creek by DI after he had given two weeks notice of his intention to resign. O'CONNOR stated it was common practice at Wolf Creek for the employees to be terminated on the same day they gave notice, so they would not influence other employees to leave. O'CONNOR stated that since QC inspectors were terminated on the day they gave notice, they were entitled to two weeks severance pay. O'CONNOR said he and the other former DI inspectors had not been paid.

O'CONNOR stated that QC inspectors at Wolf Creek were often required to work to three-part memorandums. O'CONNOR said he recalled one memorandum directed that inspections of hangers be done under QCP VII 200, which required QC inspectors to sign off on the location of hangers. O'CONNOR stated it was his understanding that under QCP VII 204, these locations would later be inspected during a final inspection. O'CONNOR said he thought he was only inspecting welds, as per 204, but later realized he was signing off on hanger locations, as per 200. O'CONNOR stated he believed the three-part memorandum instructing them to conduct their inspections under QCP VII 200, relieved him of the responsibility for location, because he was not trained or certified to determine location.

O'CONNOR stated he felt he had freedom to write NCRs at Wolf Creek, and said that most of the defects identified were addressed by engineers. O'CONNOR also stated he relied on his lead to keep up with the constant changes in procedure. O'CONNOR stated he had difficulty with the difference between what they were taught in the training classes and what they were instructed to do in the field. O'CONNOR said inspectors were told by supervisory personnel that by the time they started to work with a procedure they had been taught in training, it would probably already have been changed.

Interview of Marshall D. SEXTON

On December 2, 1982, Marshall D. SEXTON, former DI QC weld inspector at the Wolf Creek project, was interviewed by NRC Investigator D. D. DRISKILL at the Zimmer Nuclear Plant, Moscow, Ohio. SEXTON executed a signed sworn statement which is included in this report as Attachment (1). SEXTON stated he was employed as a DI QC welding inspector at Wolf Creek from June through October 1982. He stated that subsequent to his giving 2 weeks' notice to DI, he was terminated. SEXTON said he contacted NRC Resident Inspector, Tom VANDAL, and discussed with him several of his concerns regarding the practices of the DI QC department.

SEXTON stated that Ron McCRANEY, the DI Senior Mechanical Welding Quality Supervisor, instructed the inspectors that if they rejected a weld, their lead inspector would come to their location and if he disagreed, he would instruct them to accept it. He stated McCRANEY said that if the inspectors refused to accept the weld, the lead inspector would approve it by signing off the inspection record. SEXTON stated McCRANEY said that if this type situation occurred several times, the inspector involved would have his QC certification revoked. SEXTON stated, however, that his lead never disagreed with any of his (SEXTON's) findings subsequent to that meeting.

SEXTON stated another concern he had at Wolf Creek was the use of three-part memorandums by DI QC supervisors to authorize a deviation from inspection criteria. SEXTON stated he believed this practice resulted in nonconforming conditions not being corrected. SEXTON additionally stated he was concerned about the use of white out on travelers and other documents. SEXTON stated that Larry PHILLIPS, DI Reactor Building QC Supervisor, instructed DI QC inspectors to draw a line through white out and place their initials on the documents. SEXTON stated, however, that this practice would give the appearance that the change on a document had been approved by QC.

SEXTON stated he felt DI QC inspectors were also denied the authority to submit NCRs. He stated inspectors were required to submit each of their NCR drafts to the

respective supervisor prior to obtaining an NCR number. SEXTON related that on one occasion his supervisor, Larry PHILLIPS, had refused to allow him (SEXTON) to submit an NCR concerning a predated welding rod material requisition. SEXTON stated he believed this policy created a situation wherein some nonconforming conditions were left uncorrected; however, he could not provide any specific conditions.

Interview of Scott SENFT

On February 2, 1983, Scott SENFT, a DI QC welding inspector, was interviewed at Wolf Creek by NRC Investigator H. B. GRIFFIN. SENFT stated he had been a DI employee for four and a half years, and presently held a welding certification and an NF (fillet weld inspection) certification. SENFT identified his supervisor as Richard BOOTH, and his lead as Dalton RICHE. SENFT stated he was presently working as the lead on his crew, because Dalton RICHE had failed to qualify on his last certification test. When SENFT was asked if he felt free to write NCRs, he stated that in the past he had not, but he now felt free to do so. SENFT said that three former DI supervisors, in an effort to speed up production, had pressured the QC inspectors not to write NCRs and encouraged them to sign off on defective work (not further identified). SENFT listed these supervisors as Ira JAMES, Charles GOINS and William FLINT. He said these supervisors had either been terminated, as in the case of _____ or transferred to other sites, as in the cases of _____

INVESTIGATOR'S NOTE: Daniel Personnel Department records confirmed that JAMES, GOINS and FLINT had either been terminated or transferred to other Daniel jobs. These three individuals were not interviewed. A fourth supervisor was identified as Larry PHILLIPS who was transferred to a different position at Wolf Creek and was interviewed (infra). These four individuals are identified within this Report of Investigation as "former supervisors."

When asked to identify specific NCRs that were not written, SENFT stated he could not provide specific dates or identify document numbers, but he remembered a welding rod material requisition on which a QC inspector named Marshall SEXTON had wanted to write an NCR because the requisition had been predated. SENFT stated a QC supervisor by the name of Larry PHILLIPS told Marshall SEXTON not to write the NCR, because the predating was a typographical error. SENFT said he believed that it was not a typographical error, but instead, craft personnel were predating the weld rod requisitions so they could obtain the rods in a more timely manner.

SENFT said he also knew of an incident in which Paul HALE, a QC inspector, conducted an inspection to close out a defect on a hanger (not further identified). SENFT said the NCR (number unknown) stated the inspection was done under QCP VII 204, and he (SENFT) believed it should have been under QCP VII 200. SENFT said he was acting as the lead at that time, and HALE called him for an NCR number as required by policy. SENFT said he agreed with HALE's request for the NCR, and he left a hold tag on the hanger. SENFT said that Ronald McCRANEY, a senior quality supervisor, called him and told him to "keep things running." SENFT said he told McCRANEY he would be glad to comply when the NCR was changed and the work was done properly.

SENFT said McCRANEY told him that he (McCRANEY) would change the NCR in the vault and that he (SENFT) should tell HALE to go ahead with the work. SENFT said he lined through the entry that said 204, then initialed and dated it. SENFT said he later heard from RICHE, that McCRANEY indicated he (SENFT) would not be the acting lead anymore because of his (SENFT's) resistance to McCRANEY's suggestions.

SENFT was asked if he attended a meeting conducted by Neale SCHRYER, DI Project Quality Inspection Manager, and McCRANEY concerning the writing of NCRs. SENFT said he had attended the meeting and understood from the comments SCHRYER made that if a QC inspector wished to write an NCR, he first had to call his lead. SENFT said the lead would evaluate the problem, and if he agreed, he would then assign it an NCR number, or if appropriate, try to convince the inspector it was not a problem. SENFT stated the leads were instructed to sign off on the inspection if they felt the condition did not merit an NCR. SENFT stated that while he was the acting lead he never tried to talk anybody out of writing an NCR if they felt it was a valid problem. SENFT said that as the lead, even when he disagreed with the QC inspectors, if they felt strongly enough about it, he permitted them to write the NCR.

SENFT related another incident which he stated occurred in November 1982. SENFT said that ironworking crews (identification unknown) were installing whip restraints in his area, but they did not have the blueprints identifying the pieces at their work locations. SENFT said procedure required them to have the blueprints at the locations before they could proceed with the work. SENFT said the ironworkers'

general foreman, whose name he could not recall, called Dalton RICHE, a QC lead. and RICHE then called Richard BOOTH, a QC supervisor. SENFT said BOOTH then called him (SENFT) and told him to "buy off" on the ironworkers working without blueprints and that Paul HALE, a QC inspector, had already signed off on the fit-ups. SENFT said BOOTH told him the ironworkers had the blueprints at the DI document vault. SENFT said he knew the inspection was a final inspection, and he told BOOTH he would not sign off on the QC inspection until the prints were at the location as required by procedure. SENFT said the next day the ironworkers still did not have the blue-prints, so he wrote an NCR on the condition. SENFT said BOOTH voided his NCR, thereby not allowing him to receive a number. SENFT stated he later learned from other employees (not further identified) that BOOTH had made an agreement with the general foreman of the ironworkers to go outside of procedure regarding the blueprints. SENFT said he had no other problems regarding lack of freedom to write NCRs, but he believed many of the other inspectors did.

Interview of Paul HALE

On February 14, 1983, Paul HALE, a DI QC inspector, was interviewed by KRC Investigator H. B. GRIFFIN at Wolf Creek. HALE was asked whether he had received instructions on a policy implemented in the summer of 1982 requiring QC inspectors to call their leads when they discovered nonconforming conditions. HALE said this policy was enforced on his crew. HALE said he felt that a QC lead's signature authorizing an NCR constituted an affront to the inspector's expertise, and he did not believe this policy was in the spirit of the QC program.

HALE related the circumstances of a meeting he attended with other QC inspectors, on August 5, 1982, in which Larry PHILLIPS, a QC supervisor, said that QC inspectors who failed to work to instructions contained in three-part memorandums would be fired. HALE said that during this meeting, PHILLIPS was asked whether copies of three-part memorandums could be included in the traveler package when they were used as instructions when conducting inspections. HALE stated PHILLIPS told the QC inspectors they could not include copies of three-part memorandums with traveler packages. HALE stated that most of the QC inspectors did not follow PHILLIPS' instructions. HALE said the QC inspectors rebelled against PHILLIPS' instructions and some of the explanations that PHILLIPS wrote on voided NCRs and DRs, and as a result, complained to a higher level of management. HALE stated PHILLIPS was subsequently reassigned to a different position.

HALE stated he had trouble with many of the three-part memorandums circulated among the QC inspectors. HALE said one such memo required QC inspectors to sign off on locations of hangers. HALE stated that without the proper equipment and proper training, he did not think QC inspectors could verify hanger locations. HALE stated in addition, he did not believe that QC inspectors were qualified to determine the middle one-third of plates to which hangers were welded.

INVESTIGATOR'S NOTE: The reference "middle one-third" relates to the central area on a plate to which a piece of metal is to be welded for maximum strength.

HALE stated that until the latter part of 1982, there were four former QC supervisors (JAMES, GOINS, FLINT and PHILLIPS [supra]) who voided NCRs and wrote memorandums containing instructions which were in direct conflict with procedure. HALE said these four supervisors had either been terminated, transferred to other sites, or taken out of the chain of command during the last 6 months of 1982.

HALE said work conditions at Wolf Creek were much better now. HALE stated that under these previous supervisors he had not been personally intimidated. HALE stated he had ignored the instructions given by SCHRYER during a meeting regarding the reporting of nonconforming conditions, and added he did not know anyone who had been intimidated or anyone who had failed to report a nonconforming condition. HALE stated his main problem was that many of the NCRs written were voided by QC supervisors or "closed in process" by DI quality engineers. HALE stated there were numerous dispositions of NCRs with which he disagreed, and as a result, he kept a few copies of some of them just in case questions were raised by anyone in the future regarding his inspections. HALE provided the NRC with copies of NCRs and DRs he said supported his verbal statements, and are included with this report as Attachments (2) through (13).

Interview of Gaines Ronald FRIAR

On February 15, 1983, Gaines FRIAR, a DI QC inspector, was interviewed at Wolf Creek by NRC Investigator H. Brooks GRIFFIN. FRIAR stated he was aware of the policy regarding the verification of NCR conditions by leads. FRIAR stated that when he found a nonconforming condition, he would write it up on an NCR along with a hold tag and give it to his lead, Dalton RICHE. FRIAR stated that if RICHE agreed with him, RICHE would sign it, and then one of them would obtain an NCR number. FRIAR stated he had not had any trouble with his NCRs being voided, but had heard from co-workers that a QC inspector named LLOYD (infra) had his NCR voided by RICHE. FRIAR remarked he had heard from other co-workers (not further identified) that RICHE had voided their NCRs.

FRIAR stated that QC inspectors at Wolf Creek were required to work to three-part memorandums. FRIAR said these memorandums were often used in anticipation of revisions for as long as thirty days at a time. FRIAR further stated that many ICPs (Interim Change Procedures) were never incorporated as revisions, and in these instances the QC inspectors were required to continue working to three-part memorandums. FRIAR recalled one three-part memorandum with which he disagreed, concerning QC inspectors being required to sign off on hanger locations. FRIAR said he did not have a mechanical certification, and had not been trained to determine locations. FRIAR said he did not think it was right for DI to require him to sign off on an inspection step he was not qualified to do.

Interview of James Luther LLOYD

On February 15, 1983, James LLOYD, a DI QC inspector, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. LLOYD was asked about the SCHRYER meeting and the implementation of a policy requiring QC inspectors to call their leads on nonconforming conditions. LLOYD stated he had not attended the meeting, however, he did adhere to the policy, adding that this policy was implemented on his crew. LLOYD stated that some of the supervisors in QC did not adhere to this policy.

LLOYD stated he had seen numerous three-part memorandums at the Wolf Creek site. LLOYD said he remembered Larry PHILLIPS, a QC supervisor, wrote a three-part memorandum which said employees could be terminated if they failed to comply with the instructions contained in three-part memorandums. LLOYD stated that memorandums were primarily used to interpret procedure, however, there had been a recent decline in the use of three-part memorandums.

LLOYD stated his lead, Dalton RICHE, had destroyed about six of his NCRs (not further identified). He said most of these NCRs had to do with weld defects or design problems. When asked about his freedom to report nonconforming conditions, he said he now felt free to write NCRs, but in the past had not felt free to do so because of instructions given by the four "former supervisors" (supra) who were no longer employed at Wolf Creek.

Interview of Larry Dean ADKINSON

On February 16, 1983, Larry ADKINSON, a DI training coordinator and former QC inspector, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. When asked about the freedom of QC inspectors to report nonconforming conditions, ADKINSON said that in the past there had been many attempts by supervisors who were then employed by DI to curtail the writing of NCR's. ADKINSON stated that many of these supervisors were no longer employed at Wolf Creek, and that QC inspectors were not having as many problems as they had before. ADKINSON stated that while he was a QC inspector, he had many of his NCRs and DRs "voided" by "former supervisors" (supra) or "closed in process" by quality engineers. ADKINSON said he disagreed with many of these dispositions, and subsequently provided documents to support his concerns which are included as Attachments (14) through (37) to this report. ADKINSON indicated he kept the documents to cover himself should these conditions later be found to exist.

ADKINSON was asked about the use of three-part memorandums, and stated that inspectors were instructed to work to three-part memorandums at Wolf Creek. ADKINSON said the memorandums often instructed QC inspectors to conduct their inspections outside of procedure.

INVESTIGATOR'S NOTE: ADKINSON was circumspect in his comments during this interview; however, on February 17, 1983, he provided numerous NCRs, DRs, and three-part memorandums, Attachment (14) through (37), which represented examples he believed proved DI QC management personnel had attempted to restrict the inspectors' freedom to report nonconforming conditions.

Interview of Bruce Edward MUNROE

On February 17, 1983, Bruce MUNROE, a DI QA inspector, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. When MONROE was asked whether he felt he had the freedom to report nonconforming conditions, he said, "no." MUNROE related an incident that occurred in the summer of 1982 in which he had inspected a longitudinal weld that was "sharp" on a condensor identified as EADO1-A. MUNROE stated he refused to sign off on this inspection, and that his lead, Tom STUCKEY, told him he would get three days suspension if he did not sign off. MUNROE stated he continued to refuse to sign off and the lead eventually signed off on the inspection. MUNROE stated he was not suspended for not signing off and believed that the lead was just "bluffing."

INVESTIGATOR'S NOTE: Daniel International's personnel records indicated STUCKEY was no longer employed at Wolf Creek and his whereabouts were unknown. STUCKEY was not interviewed.

MUNROE related another incident in which he wrote a generic NCR (identification unknown) on the breakdown of a traveler containing numerous supports. MUNROE stated he wrote the NCR because there was no procedure at Wolf Creek to break down a traveler into "mini-travelers." MUNROE stated there was an unsigned three-part memorandum instructing the traveler preparation group as to how to break down such travelers. MUNROE said that because the memorandum was an unofficial document, he wrote the NCR on it (identification unknown). MUNROE stated his NCR was "closed in process" by the DI quality engineers (QE). MUNROE stated he did not think this was a valid closing of his NCR, however, he did not elaborate.

Interview of Cathrine PARRISH

On February 17, 1983, Cathrine PARRISH, a DI QC inspector, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. PARRISH was asked whether she felt free to report nonconforming conditions, and she stated she did at the present time. PARRISH said that in the past, under her "former supervisors" (supra), she felt intimidated because of her supervisors instructions regarding the reporting of nonconforming conditions. PARRISH stated that in the past she had a number of her NCRs voided and disagreed with the explanations given by her QC supervisor. PARRISH provided Attachment (38) as an example of this problem wherein she disagreed with the disposition. PARRISH provided copies of NCRs she felt are examples of improperly voided, and/or reflected DI policies which restricted the reporting of nonconforming conditions. These NCRs are included with this report as Attachments (38 through 40).

Interview of Alan J. CLIFFORD

On February 15, 1983, Alan J. CLIFFORD, a DI QC lead inspector, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. CLIFFORD was asked about the policy speech given by SCHRYER in the summer of 1982. CLIFFORD stated he attended the policy meeting, and he confirmed that inspectors were instructed to call their leads to verify nonconforming conditions. CLIFFORD stated that in spite of SCHRYER's instructions, his crew did not call him to get NCRs or verify NCRs. CLIFFORD stated his supervisor had not implemented the policy, and the QC inspectors on his crew got their own NCR numbers. When asked if he had seen any three-part memorandums at Wolf Creek, CLIFFORD stated that three-part memorandums were often used to interpret procedure. He said that in many instances, the inspectors were required to work to instructions contained in three-part memorandums. CLIFFORD further stated it was understood that if an inspector did not follow the instructions in three-part memorandums, he might be terminated.

CLIFFORD said he recalled an incident in July of 1982 when he received a three-part memorandum on the HVAC (heating, ventilation, and air conditioning) system. CLIFFORD stated this three-part memorandum instructed him to inspect using the paperwork he had in his possession. CLIFFORD stated this paperwork did not include the corrective action report (CAR) and he disagreed with these instructions because he wanted to read the CAR and not be told what corrective action had taken place. He said this issue was satisfactorily resolved. CLIFFORD stated he did not remember seeing any three-part memorandums since July 1982 which were in conflict with procedure.

CLIFFORD stated that one of his biggest problems as a QC inspector at Wolf Creek was the absence of heat numbers on hangers he inspected. CLIFFORD said the inspectors inspected for heat numbers and wrote NCRs when they were unable to find them; however, most of these NCRs were "closed in process" by hanger engineers. CLIFFORD said it was the hanger engineer's reasoning that since QC signed off on these pieces during fit-up, they must have a heat number on them even though the inspector could not find it. CLIFFORD stated he continued to write NCRs when he could not find the

heat numbers in spite of the fact they were all "closed in process." CLIFFORD said that in the last month and a half he thought he had written at least fifty NCRs on this condition. He stated he did not retain copies of these NCRs.

Interview of Dalton RICHE

On February 2, 1983, Dalton RICHE, a DI QC lead inspector, was interviewed by NRC Investigator H. B. GRIFFIN at Wolf Creek. RICHE stated he worked as a lead on Richard BOOTH's pipe hanger crew. When asked about a meeting conducted by SCHRYER in the summer of 1982, RICHE stated this meeting implemented a policy in which the QC inspectors were instructed to call their lead when they identified a nonconforming condition. RICHE stated the leads were instructed to verify the condition before issuing an NCR number. RICHE stated the leads were instructed to sign off on inspection steps if they were able to verify that the condition identified by the QC inspector was not, in fact, a nonconforming condition. RICHE admitted he had signed off on inspections in this manner but did not think it happened very often, and could not recall any specific NCRs, QC inspectors, and/or inspections that he handled in this manner.

RICHE was asked whether QC inspectors were instructed on how to inspect by instructions contained in three-part memorandums. RICHE stated that three-part memorandums were used to clarify or interpret procedures and not take the place of established procedures.

When asked whether there was a difference between instructions given in training versus instructions inspectors were told to employ in the field, RICHE explained he believed the difference between the two was simply an interpretation problem. RICHE stated he did not have difficulty with the difference between what was taught in training and what was practiced in the field. RICHE stated he liked his job, and he felt QC inspectors had adequate freedom to perform their duties.

Interview of Jeffery BROWNING

On February 17, 1983, Jeffery BROWNING, a DI QC lead inspector, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. BROWNING stated he had attended the 1982 late summer meeting in which SCHRYER (supra) implemented the policy that when QC inspectors found nonconforming conditions, they must notify their leads. BROWNING stated the leads were instructed to sign off on inspection steps if they disagreed with the QC inspector's assessment of the problem. BROWNING stated he believed there were instances in which he signed off on inspections when the QC inspector did not agree with him. BROWNING stated that most of these instances were differences in the interpretation of procedure. BROWNING stated that Larry PHILLIPS, a QC supervisor, reviewed NCRs before a number was authorized. BROWNING said that if PHILLIPS disagreed with the NCR, he would write an explanation on a yellow stick-on tab and send the explanation back to the QC inspector. BROWNING stated that after a while, PHILLIPS discontinued writing these explanations and started giving the explanations verbally, when he learned the inspectors were keeping copies of the voided NCRs and DRs.

BROWNING stated he often had difficulty with some of the previous supervisors. BROWNING related an incident in which a former senior supervisor, Ira JAMES (supra), instructed the inspectors not to release pieces of pipe from the fab shop, but to release only spools. BROWNING stated that one day PHILLIPS (supra) told him to release several pieces of pipe. BROWNING stated he asked PHILLIPS to give him a memorandum explaining why he should violate JAMES' instructions. PHILLIPS refused, and he (BROWNING) asked to see Ira JAMES. BROWNING said that the next morning he found a memorandum in his box from PHILLIPS authorizing the release of the pieces, before he had a chance to talk to JAMES.

BROWNING stated he also had difficulty with William FLINT and Charles GOINS (supra), former DI QC supervisors, who he believed ignored many of the procedures. BROWNING stated these supervisors required the QC inspectors to inspect more to their ideas of how inspections should be done rather than following procedure.

BROWNING stated his crew did not always follow the instructions from PHILLIPS, FLINT, or GOINS when they conflicted with a procedure. BROWNING said the inspectors usually followed procedure instead. BROWNING stated that after a number of these conflicts occurred, wherein PHILLIPS instructed his crew members to go outside procedure, he (BROWNING) went to Larry BRYANT, the QA Project Manager, and complained about PHILLIPS' attitude and instructions. BROWNING stated that about a week later, PHILLIPS was transferred to a different position. BROWNING stated that in the past six to eight months, the inspectors had "rebelled" a number of times against former supervisors in the QC program at Wolf Creek, and as a result of their complaints, a number of supervisory personnel changes had been made. BROWNING specifically related that (supra) had been terminated, and (supra) had been transferred to other sites. BROWNING stated he felt that some of the QC inspectors may have been intimidated, but that other inspectors helped bolster each other's confidence enough to resist following improper instructions given by the former QC supervisors. BROWNING stated he believed the attitude of management toward proper QC inspection was much improved since the end of 1982.

BROWNING provided the NRC with a voided Deficiency Report which he stated was an example of his concerns regarding DI's policies which restricted inspectors' freedom to report nonconforming conditions. This voided DR is included with this report as Attachment (41).

Interview of Richard BOOTH

On March 16, 1983, Richard BOOTH, a DI QC supervisor, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. BOOTH was asked about a policy meeting conducted during the summer of 1982 by the DI Project Quality Inspection Supervisor which required QC inspectors to call their leads for verification before reporting nonconforming conditions. BOOTH stated he did not attend this meeting, but was made aware of the policy as it affected his job. BOOTH said this policy did not apply to any inspections other than hanger welds completed prior to April 1, 1981, (Corrective Action Report 0019). BOOTH explained that a decision was made by Kansas Gas & Electric that DI hanger inspections prior to that date had not been properly inspected, and DI was committed to a reinspection of all welds on the related hangers.

BOOTH stated that QC inspectors were free to report all other nonconforming conditions without calling their lead, and are authorized to obtain NCR numbers from the DI Quality documents section without DI supervisory approval. BOOTH explained that the supervisory review policy was initiated because an excessively large number of NCRs were being generated on the reinspection. BOOTH stated that DI management decided many of these NCRs were invalid, because many were "closed in process" by the DI Quality Engineers (QE). BOOTH stated he instructed his inspectors to continue reporting defects in spite of the number of NCRs "closed in process." BOOTH stated that one of his inspectors, James LLOYD, wrote a lot of unnecessary NCRs, and he transferred LLOYD to the fab shop.

BOOTH stated inspectors on his crew normally obtained an NCR number, and then sent the NCR to him for review. BOOTH stated that if he chose to void an NCR, he wrote an explanation on the NCR and forwarded the document to McCRAVEY, the Senior Quality Supervisor. BOOTH stated that even if the NCR was voided, it became a "Quality" record because a number had already been issued.

BOOTH was asked about the use of three-part memorandums at Wolf Creek. He stated he had seen memorandums that directed which procedure was to be used when the

procedures were in conflict. BOOTH stated that Quality Control Procedures (QCPs) were often vague, and left much of the interpretation up to the inspectors.

BOOTH stated he had a big problem with the number of NCRs "closed in process" by the DI Quality Engineers. BOOTH stated it was his opinion that many defects were not being corrected, and that the QEs were setting themselves up as the ones to sign off on inspections. BOOTH stated that Bechtel was the only one who could authorize "use as is" as a disposition on a defect, but by closing the NCRs "in process," the engineers were bypassing the intent of the "Quality" program at Wolf Creek. BOOTH stated that when an NCR from his crew was "closed in process," he had his inspectors make reference to the original NCR in the nondestructive examination (NDE) block on the weld control record in the traveler.

BOOTH was asked about an incident in November 1982 in which an ironworker crew was installing whip restraints on site. BOOTH stated there are normally two sets of documents identifying the pieces to be installed. BOOTH said he remembered that the ironworkers did not have a copy of the vendor cut sheet available at their work location, so he verified the piece numbers with the ironworker's general foreman (identity unknown) at the DI vault. BOOTH said the project was a rush job, and the pieces were verified rather than making a copy of the vendor cut sheet. BOOTH also stated it was permissible to install the pieces using the Bechtel drawing. BOOTH stated this was an isolated incident, and that normally the crews had the cut sheet on location.

BOOTH stated he believed many of the DI QC inspectors felt that several former DI QC supervisors (supra) had restricted the inspectors from reporting nonconforming conditions, but the fact that these "former supervisors" had been replaced improved morale. BOOTH stated he believed that DI QC inspectors at Wolf Creek had adequate freedom to write NCRs.

Interview of Larry W. PHILLIPS

On February 17, 1983, Larry PHILLIPS, Daniel International Construction Quality Engineer, was interviewed by NRC Investigator H. B. GRIFFIN at Wolf Creek. PHILLIPS executed a signed, sworn statement which is included with this report as Attachment (42).

PHILLIPS stated that during the summer of 1982, Ira JAMES (supra), implemented a DI policy in which QC inspectors were to call their lead when they identified non-conforming conditions. PHILLIPS stated the leads were instructed to verify the nonconforming conditions, and if they agreed with the inspector, they were to authorize an NCR number. PHILLIPS stated that if the lead did not agree with the inspector's opinion, the lead was to try to change the inspector's mind and make him understand that it was not a nonconforming condition. PHILLIPS stated that if the lead and the inspector continued to disagree, the lead was instructed to sign off on the inspection step. PHILLIPS stated the policy directed that should a QC inspector be "over-ridden" by his lead on a continuing basis, he might be retrained. PHILLIPS stated he enforced this policy on his crew, and he told his leads, Dalton RICHE and Jeffery BROWNING to operate under this policy. PHILLIPS stated this policy was in effect until he was transferred from his position as a QC supervisor to his present position.

PHILLIPS stated that while he was a QC supervisor, the inspectors regularly used three-part memorandums to explain conflicting procedures such as quality control procedures versus work procedures. PHILLIPS stated that memorandums were also used to interpret or clarify procedures. PHILLIPS said these memorandums were used to instruct the inspectors on how they were to inspect according to DI's interpretations. PHILLIPS stated the number of three-part memorandums used at Wolf Creek increased after a decision was made by DI management to decrease the use of Interim Change Procedures (ICPs). PHILLIPS also stated that memorandums were used to tell the inspectors how to inspect when a change was anticipated. PHILLIPS said that until the revisions were actually implemented, they used the three-part memorandums to identify the inspection criteria to be followed.

PHILLIPS stated he remembered one memorandum which instructed inspectors to "buy-off" on hanger locations during fit-up as described in QCP VII 200 rather than using QCP VII 204. PHILLIPS stated he held a mechanical certification, but believed that a QC inspector holding a welding certification had sufficient knowledge to verify the location of a hanger at the time of a fit-up.

When PHILLIPS was asked whether he told any QC inspectors that they might be terminated if they failed to follow the instructions contained in three-part memorandums, answered that he could not recall making that statement. PHILLIPS stated he remembered one meeting he conducted, during which an inspector asked him if they could include his (PHILLIPS') memorandums in the traveler package when they were required to sign off on inspections based on his (PHILLIPS') instructions. PHILLIPS stated that he told the inspector that memorandums were not to be placed in the traveler, but if they desired, could keep a copy of his memorandum.

PHILLIPS stated he remembered another occasion following a traveler class, when Marshall SEXTON, a QC inspector, was having trouble with instructions concerning traveler documents. PHILLIPS stated he remembered that in this training class the inspectors were taught that certain entries were to be made on travelers. PHILLIPS said he told SEXTON that if the absence of these entries kept him from performing his inspection, then he should disregard the training class instructions and proceed with the inspections using existing procedures. PHILLIPS stated he told this to all the inspectors on the crew, and that the other inspectors did not seem to have any problem with the instructions given in the training class in relation to his instructions. PHILLIPS stated he remembered SEXTON told him that his instructions were in conflict with the training he received, and that he (SEXTON) was not going forward with the inspections because of the conflict. PHILLIPS stated that he remembered that although SEXTON did not agree with his instructions, he (SEXTON) apparently went ahead and followed his directions, because he did not hear about it anymore.

Interview of Ronnie F. McCRAVEY

On March 16, 1983, McCRAVEY, the Senior Mechanical Welding Quality Supervisor, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. McCRAVEY was asked about the summer 1982 policy meeting, and stated the policy requiring inspectors to call their leads for verification prior to getting an NCR number was instituted by the DI Project Quality Inspection Manager, Neale SCHRYER. McCRAVEY stated the inspections made on hangers prior to April 1, 1981, were being reinspected under Correction Action Report 0019 (CAR 0019). McCRAVEY stated that since these previous inspections were conducted by level-II inspectors, it was SCHRYER's reasoning that defects found during the reinspection should be more closely scrutinized before an NCR was authorized. McCRAVEY stated he did not think this policy was restrictive or an attempt by SCHRYER to ignore nonconforming conditions, but rather was an attempt to assure that unnecessary NCRs were not generated during this reinspection project.

McCRAVEY stated that the inspectors were told that retraining was a possibility if too many instances of their leads countermanning their decision to write NCRs were identified. McCRAVEY stated this was not an attempt to threaten the inspectors, but rather an attempt to lessen the number of invalid NCRs. McCRAVEY stated he probably averaged voiding two NCRs a month. McCRAVEY stated that an NCR voided by QC management was sent to QC Engineering for review, whereas a routine NCR usually went to Construction Engineering for dispositioning.

INVESTIGATOR'S NOTE: NCRs prepared by inspectors for which numbers were not authorized were not reviewed by engineers, but rather were destroyed or returned to the inspectors with a written explanation. A number of inspectors interviewed stated these written explanations ceased when DI QC management learned the inspectors were retaining copies of the NCRs containing these explanations.

McCRAVEY was asked about the use of three-part memorandums at Wolf Creek. He stated the memorandums were primarily used to clarify procedures until revisions

were made. He stated instructions contained in memorandums were not intended to supplant established procedures or replace Interim Change Procedures (ICPs). McCRAVEY stated he believed DI QC inspectors at Wolf Creek had adequate freedom to inspect and report nonconforming conditions.

Interview of Neale A. SCHRYER

On February 18, 1983, Neale SCHRYER, the DI Project Quality Inspection Manager, was interviewed by NRC Investigator H. Brooks GRIFFIN at Wolf Creek. SCHRYER was asked about the DI QC policy of inspectors calling their leads for verification on NCRs, and he said he instituted this policy. SCHRYER stated that many of the invalid NCRs written at Wolf Creek were on the inspections conducted on CAR 0019. SCHRYER stated that too many invalid NCRs were being written, particularly on procedural violations. SCHRYER said that in September of 1982, he called a meeting of the leads and supervisors and told them that in the future, QC inspectors were to call their leads when they discovered a nonconforming condition. SCHRYER stated that leads were either to go look at the condition or inspect the paperwork furnished by the QC inspector. SCHRYER said that if the leads concurred with the call made by the QC inspector, they were to authorize an NCR number. SCHRYER stated he further instructed that if the leads disagreed with the QC inspector's call, they were to try and explain to the inspector where they were wrong and encourage them to sign off on the inspection. SCHRYER stated he instructed the supervisors and leads to sign off on the inspections if the inspectors were not willing to sign off on the inspection. SCHRYER stated the leads and supervisors were more experienced than the inspectors, and the enforcement of this policy was meant to avoid unnecessary and invalid NCRs, rather than discourage inspectors from reporting nonconforming conditions. SCHRYER further stated that before the implementation of this policy, there was a significant problem with the number of NCRs written which were being "closed in process" by the engineers because they were not legitimate, reportable problems.

When SCHRYER was asked whether the inspectors were told they might be required to be retrained and/or recertified if many of their NCRs were declared invalid, SCHRYER stated "yes," they were so instructed. SCHRYER was asked whether failure to recertify would result in dismissal for the inspector, and he stated that if the inspector was not certified to inspect, he would probably be terminated.

When asked about the use of three-point memorandums at Wolf Creek, SCHRYER said they were used to clarify or interpret procedure and not meant to circumvent procedure.

SCHRYER stated he had not written any memorandums telling inspectors how to inspect, but thought he had seen such memorandums written by engineers. SCHRYER said he did not believe that any three-part memorandums were intended to take the place of Interim Change Procedures (ICPs).

SCHRYER stated that since he had been put in charge of the DI Quality program at Wolf Creek, he has made a number of personnel changes involving supervisors, and as a result many of the inspectors' morale problems had been alleviated. SCHRYER stated he had an open door policy for the inspectors, and he believed the inspectors had the freedom to report any nonconforming conditions they identified.

INVESTIGATOR'S NOTE: SCHRYER was asked whether his policy of calling leads for verification of NCRs applied only to reinspections done under CAR 0019, and he said "no." SCHRYER explained that the reinspection program was the cause of the origination of the policy, but the policy was also applied to other QC inspections.

Referral to Region IV

During the course of this investigation, documents were received from DI employees who were interviewed, and are included as attachments to the report. These documents were provided by the employees interviewed as examples of possible procedural violations. Copies of these documents (Attachments [2] through [41]), were provided to the NRC technical staff, Region IV, for timely review and evaluation. These potential procedural violations are not addressed in this Report of Investigation, but are referred to Region IV for action deemed appropriate. Further, it is pointed out that the inspectors interviewed identified most of Attachments (2) through (41) as "voided," however, the word "voided" does not appear on the documents. These documents were represented to be "voided" or "closed in process," or were conditions wherein the "former supervisors" would not permit the inspectors to report their findings. "Voided" meant the supervisor refused to forward the document submitted by inspectors. "Closed in process" meant the document was forwarded by the supervisor, but closed by an engineer.

Status of Investigation

The status of this investigation is CLOSED.

Attachments

- (1) - SEXTON's Signed Sworn Statement 12-02-82
- (2) - Memorandums by Paul HALE
 - 10-18-82
 - 10-28-82
 - 11-06-82
- (3) - Deficiency Report (voided and unnumbered) 8-17-81
- (4) - Nonconformance Report number ISN4960PW
with attached Disposition and Letter 6-07-82
- (5) - Memorandum signed by William FLINT 6-16-81
with three Deficiency Reports (voided and unnumbered
dated 6-04-81), and one Deficiency Report (voided and
unnumbered dated 2-11-82)
- (6) - Surveillance Report
with attached Memorandum signed by MESHAW 9-03-81
- (7) - Nonconformance Report number ISN4972PW 6-07-82
- (8) - Nonconformance Report number ISN5596PW 7-28-82
- (9) - Surveillance Report and Memorandum 9-03-81
- (10) - Deficiency Report (voided and unnumbered) 4-27-81
- (11) - Deficiency Report (voided and unnumbered) 7-18-81
- (12) - Deficiency Report (voided and unnumbered) 3-02-82
- (13) - Nonconformance Report (voided and unnumbered) 2-23-82

Attachments

(14) - Deficiency Report number ISD7078M and attached change sheet	6-04-81
(15) - Deficiency Report (voided and unnumbered)	7-01-81
(16) - Four Deficiency Reports (voided and unnumbered) and memo from FLINT	6-04-81
(17) - Two Surveillance Reports (voided and unnumbered)	11-16-81
(18) - Deficiency Report (voided and unnumbered)	UNDATED
(19) - In-Process Welding Surveillance Report (voided and unnumbered)	9-23-81
(20) - Surveillance Report (voided and unnumbered)	4-16-81
(21) - Surveillance Report (voided and unnumbered)	1-17-81
(22) - Memorandum to Ira JAMES	6-03-81
(23) - Deficiency Report (voided and unnumbered)	11-19-81
(24) - Deficiency Report (voided and unnumbered)	9-28-81
(25) - Two Deficiency Reports (voided and unnumbered)	11-19-81
(26) - Two Deficiency Reports (voided and unnumbered)	10-14-81
(27) - Deficiency Report (voided and unnumbered)	7-18-81
(28) - Nonconformance Report (voided and unnumbered)	7-29-82

Attachments

(29) - Deficiency Report (voided and unnumbered)	12-09-81
(30) - Deficiency Report (voided and unnumbered)	7-21-81
(31) - Deficiency Report (voided and unnumbered)	11-18-81
(32) - Unsigned Notes of Mechanical Welding Supervisor's Meeting Notes with attached Memorandum	6-04-81
(33) - Deficiency Report (voided and unnumbered with an unidentified signature) with attached Memorandum	12-01-81
(34) - Deficiency Report number ISD5640M	12-05-80
(35) - Deficiency Report (voided and unnumbered)	8-05-81
(36) - Deficiency Report with attached Memorandum (voided and unnumbered)	2-20-82
(37) - Nonconformance Report (voided and unnumbered)	11-17-81
(38) - Nonconformance Report number ISN8552PW	2-09-83
(39) - Nonconformance Report number ISN5716P	8-04-82
(40) - Weld Control Record	Undated
(41) - Deficiency Report (voided and unnumbered)	11-21-81
(42) - PHILLIPS' Signed Sworn Statement	2-17-83

that if the inspectors did not comply with the requests of his lead he could be terminated. I never had any real disagree with any of my inspection findings nor any of the other inspectors who experienced the same problem.

Another concern which I related to the Vandal was the use of 3-Part Memos to direct QC Inspectors to deviate from inspection criteria directed by QC procedures. An example of this was a 3 Part Memo, dated 8-26-88, to Ken McSENEY from Dave Macdonald, a Senior Engineer for DJ, which directed us to disregard QCF ~~II~~ ^{III} 204. This change, if complied with, forced us to certify that a hanger was inspected ~~at~~ at a particular elevation and location. The problem in this was that most of us were not qualified or certified to make this determination. Also inspection of some hangers occurred prior to their installation and inspection of them using QCF ~~II~~ ^{III} 204 (as mandated) directed, forced us to certify that the hangers elevation and location were correct when it had not even been installed. Other inspectors and I discussed this problem among ourselves and with our various Leads and Supervisors, but they insisted that we comply with Macdonald's memo which we did. There were many and

other memos which were used to change various procedures too.

Another concern I had was with the use of white-out on transfers and other documents. In about August 1982 Larry Phillips, the 21 Reactor GC Supervisor, told us that when we had a document containing white out we were to draw a line through the white out and initial and date it. These white outs were never (to my recollection) ever initialed & dated and left the inspectors with no knowledge relating to the change made on the document. I personally never approved a document containing white out as directed.

In about Aug 1982 Larry Phillips told me that I would have to get my NCR's approved ~~by~~ ^{by} my lead prior to getting an NCR number on them. From that time on I took all my NCR's to my lead. IANSON then gave approval. I then never denied me the right to submit any NCR's. Sometime in Aug. or Sept 82 Phillips refused to allow me to submit an NCR I had written relating to ~~unqualified~~ ^{unqualified} ~~material~~ ^{material} on a hanger. Phillips said the problem was a typographical error on the paperwork and refused to submit it. Larry IANSON has no official status on the NCR.

This nonconforming condition was the result of an error in the red issue room. I wrote the problem up in a surveillance report which I never got a copy of. ^{as a consequence} it was dropped. Scott Smith ^{as a consequence} knows about this problem and possibly some other procedural problems in the red room.

I have read over, understood, initialed errors and made corrections to the foregoing 4 page statement. I swear this statement is true and correct to the best of my knowledge, so help me God

Windsor E. Lytton 12:32

Subscribed and sworn to before me this 2nd day of
December, 1892 at Worcester, Mass.

San Diego, Calif.
June 19, 1902

MEMO

DRKHE
R. BOOTH *AB TO* *QE VIA MCKANEY*
QE

FORM

PAUL B HALE

SUBJECT

ATTACHED MEMOS

DATE

11-6-82

WISH TO REQUEST THAT ISN 5716 P WHICH IS CLOSED - BE RE-OPENED DUE TO THE FACT THAT Q E. HAVE STATED THAT THE DISPOSITION DID NOT OK EACH ACTIVITY. IF RE-OPENING IS NOT TO BE ACCOMPLISHED, THIS INSPECTOR WOULD LIKE TO KNOW WHY CRAFT ^{LEAD} ~~WAS~~ ALLOWED TO VIOLATE SITE PROCEDURES & 10 CFR 50 APP. B, WOULD ALSO LIKE TO KNOW WHY QE CONCURRED Paul B Hale

SIGNATURE

WITH THIS DISPOSITION? THANK-YOU

PAUL B. HALE THRU' RON MCKANEY SMNGS.

DATE

11/10/82.

IT IS NOT NECESSARY TO REOPEN THE NLR ISN 5716 P WHICH CONCERN 1-M03-B623(G) ECR-05.

THE DOCUMENTS (ECR-05) WERE REVISED PROPERLY WITH NORMAL REVIEW AND APPROVAL PROCESS AS IS DONE FOR THE INITIAL ISSUE AND NOT ~~BY~~ SIMPLY BY CROSSING OUT THE '0' AS '1' etc & entering new Forwarding.

ATTACHMENT (2)

11/10/82

DRK 1410

SIGNATURE

FORWARD PARTS ONE AND THREE TO PERSON ADDRESSED

MEMO

R. BOOTH, RB TO McCRANEY ^{Philip E. McCraney}

TO DE DAVID MAULDIN

FROM PAUL B. HOLE

SUBJECT ATTACHED MEMO DATE 10-28-82

THE UPJACKET IN WHICH A TRAVELER IS PROCESSED IS THAT AN INDIVIDUAL, AFTER RECEIVING AUTHORIZATION TO PROCESS SAID TRAVELER, TAKES A BLANK TRAVELER FORM, ENTERS THE APPROPRIATE INFORMATION & ENTERS REV. "0" IN THE REV. BLOCK. PER WP-VII-209 4/13 PARA. 4.38 - "PROCESS A TRAVELER REVISION PER THE TH/RR; PROCESSING IS THE SAME FOR AS FOR INITIAL ISSUED SHEETS." THIS IS INDICATING TO ME THAT, IN ORDER TO REVISE A TRAVELER, IT MUST BE DONE AS ABOVE EXCEPT ENTERING A "1" IN THE REVISION BLOCK.

TO RON McCRAVEY / R. BOOTH. DATE 11/3/82

THIS MEMO IS IN REFERENCE TO THE NCR WRITTEN AGAINST ENG. FOR REISSUING TRAVELERS IN THE FIELD BY SIMPLY CROSSING OUT THE "0" OR "1" AND ENTERING NEW REVISION. THE DISPOSITION OF SAID NCR INDICATED THAT IT IS OKAY TO REISSUE TRAVELERS IN THE FIELD WITHOUT GOING THROUGH THE ORIGINAL PROCESS. HOW DO YOU FEEL ABOUT THIS?

ALCO SNAPEZ TV FORM NO 45001 250 CTN 45002 50 Pkg

SEE QE COMMENT attached

Paul B. Hole

SIGNATURE DEI

FORWARD PARTS ONE AND THREE TO PERSON ADDRESSED

MEMO

DE
RICH BOOTH
DALTON RICHE

FROM

Paul B. Hale
97-1649

SUBJECT

WP-VII-209 14/3

DATE

10-18-82

MESSAGE

PLEASE DEFINE IN DETAIL THE WORD "PROCESS" AS USED IN PARA. 1.1 AND 4.3E. HOW, PHYSICALLY, IS A TRAVELER PROCESSED FROM BEGINNING TO END?

Thank you

Paul B. Hale 10-18-82

SIGNATURE

TO

P. HALE

DATE

10-19-82

THE WORD PROCESS(ED) REFERS TO THE METHOD OF GENERATING & DISTRIBUTING TRAVELER DOCUMENTS. A TRAVELER IS PHYSICALLY "PROCESSED" IN ACCORDANCE WITH FLOW CHARTS IN APPENDIX II OF WP-VII-209. PLEASE ADVISE IF FURTHER CLARIFICATION IS REQ'D

NO 4500 250 CTN 45000 50 PKG

FORWARD PARTS ONE AND THREE TO PERSON ADDRESSED

SIGNATURE

PRINTED IN USA

The NCR 15N5716P was written to report improper revision done to 3-M03-6623(a) ECR-05 sheets 2, 3 and that WP-VII-209 R/12 did not address Weld Control Record sheet revision specifically.

The disposition of the NCR determined 'No ^{Defect} ~~Defect~~ EXISTS', however the procedure WP-VII-209, next revision will provide additional clarification, if necessary.

~~D.E.~~ Comment: The travels / ECR are prepared and revised by Engineering. D.E. reviews them to verify that they were prepared / ^{revised} in accordance with the current procedures. WP-VII-209 R/12 as well as R/13 do indicate how a travel is prepared / revised and when ECR's are generated - their numbering system. The travels cannot be revised by simply crossing out '0' and adding 1 by D.E. it has to go through normal revision process. The disposition of the NCR did not OK such activity. Paras 4.38, 4.39 and 4.40 of WP-VII-209 R/13 may be helpful.

M. L. H.

10/2/82

11-2-82



DEFICIENCY REPORT

PAGE 1 OF

NO

DWG/ISO MABKA 45 REV.3

SPEC/PROC. CWP 4.14.3 APPI. P. 4.4.4

DATE 8-17-81



NO



CODE

System

Purchase Order/Traveler No. MABKA 45 REV.3

DESCRIPTION: HANGERS, H-534, H-535, H-536, H-537, WERE FIT UP BY THE NIGHT SHIFT. THESE HANGERS WERE THEN WELDED OUT TO A COMPLETED STATE. THERE WAS NO SAFETY RELATED M.W. ON SITE AT THAT TIME. (SEE SUPP. SHEET)
ELEV. 2443' 10" S.W.

Action Taken to Control Deficiency:

CRAFT NOTIFIED.
S.C. LEAD NOTIFIED

ORIGINATOR

DATE 8-17-81

QCE

DATE

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence

REJECT ☐

Project Discipline Engineer

Date

Potential 50-55e/Part 21

Yes ☐ No ☐

Site Approval Title Date

APPROVED BY

DATE

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN

INSPECTIONS & SURVEILLANCES - VERIFICATIONS will be set forth by procedures and will be determined as necessary by upper management - SUPERVISOR - SENIOR SUPERVISOR - PROJECT QUALITY MANAGER
REF. QCPV 11200 4.1.1 4.1.2 4.1.5 4.1.9 - WPV 11209 4.7

PERFORM "FINAL" VISUAL
INSPECTIONS AS PER

Responsible Supervisor:

APPLICABLE PROCEDURES

DATE

REINSPECTION

REWORK
SATISFACTORY ☐REWORK
UNSAT. ☐REJECT ☐

SNH

DATE

Q.C. INSPECTOR

DATE

DISCIPLINE Q.C. ENGINEER

DATE

CONTRIBUTION

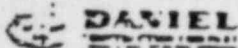
PROJECT MANAGER	X	DOCUMENT CONTROL		BECKVEL SITE LIAISON		SNUPPS	
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC DEVEL.		* SNUPPS	X
ENGR. MANAGER	X	WAREH. SUPRV	X	S&L SITE LIAISON		KG&E Dir. O.A.	X
Q.A. MANAGER	Y	PURCH. AGENT		D.R. COORDINATOR			
				KG&E MGR. Q.A.	X		

ATTACHMENT (2)

DR NUMBER _____

THERE WAS NO DEFINITE PROBABILITY OF A RANDOM
FIT UP BEING PERFORMED, ON THE NIGHT SHIFT.
THERE HAS BEEN NO VERIFICATION OF RANDOM
SAMPLING OF WELDING PARAMETERS BEING PERFORMED
SUCH AS, CURRENT, VOLTAGE, ETC.
NO WELD MATERIAL CONTROL PER APPI PG 4 OF 4

James H. [Signature]
JULY 8-17-81



NONCONFORMANCE REPORT (NCR)

PROJECT NAME/NUMBER

ACTION REQ'D BY

CONTROL METHOD

Q

N

NCR NUMBER

WOLF CREEK 210-7158

Hold TAG
See below

15N/4960PW

IDENTIFICATION OF AREA AND ITEM

ESW PUMP HSE.

SYSTEM ID

EF

PAPERWORK AT TRAVELER STATION "C"

F101s FOR WELDS, W-36, W-37, W-40, W-41
(BUTT WELDS)

(NCR TAG # 8702 | 8703 | 8704 | 8705)
(F101 WELD # W-36 | W-37 | W-40 | W-41)

CONTROLLING DOCUMENTS

QCPV11204 6/1 3.10

WPV11209 6/11 3.19.4

TRAVELERS NO.

XMK60111R (R003) R004

DESCRIPTION OF NONCONFORMANCE

PROCEDURAL VIOLATION. BY PASSED ANI REVIEW OF F101s AFTER
CHANGES WERE MADE TO UPPER (DATA) SECTION FOR NDE REQUIREMENTS.
NOTIFIED ENGINEERING AT TIME OF
LAST CHANGE (6-3-82). PAPERWORK PRESENT-
ED TO QC INSPECTOR FOR VISUAL EXAMINATION.

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

SEE PAGE 2

☐ REWORK

☐ REPAIR

☐ USE AS IS

☐ REJECT

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENCE:

☐ AUTHORIZED NUCLEAR INSP
6-9-82

ACTION TAKEN TO CONTROL NONCONFORMANCE:

ROUTE TO FOR CORRECTIVE ACTION:

STATEMENT OF COMPLETED ACTION:

NCR REVIEWED F101s ON 7-14-82
SO THAT THIS NCR COULD BE CLOSED
PROCESS.

ACTION COMPLETED

TITLE

DATE

DISTRIBUTION:

C. HERBST, BELHTEL-SITE
R.D. BROWN, SNUPPS-SITE
J. JOHNSON

SITE APPR.

TITLE

DATE

ACTION VERIFIED

TITLE

DATE

G.L. FOUTS, KGE-SITE
M. HICKMAN
H. BLAIR

QUALITY CONTROL
DIE. CALLAWAY
A.J. CHIFFORD

ATTACHMENT (4)

(REV. 1/21/82)

ANIEL

PERFORMANCE REPORT (NCR)

Continuation Sheet Page 2 of 2

NAME / NUMBER

WOLF CREEK - 7158

Action Rqd By:

NCR Number

15N-4960-PW

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

Close in process, ~~no nonconformance exist.~~ JSP 7-24-82

Weld Control Record (F101) does not provide for NDE Visual Examination inspection.

Therefore, per WP-VII-209 Weld Control Record Supplement Sheets ^{(F101) 6-7-82} were entered in the Traveler (6-4-82), for each F101's per ECR #X-MK60111-EF11-ROOL/091-ECR-01, to satisfy NDE requirements. All documentation was reviewed and concurred by ANI and ECR number referenced on subject F101's.

AKC
6-9-82

87

Keith L. Friedrich 6-9-82

Original Routed
to for Disposition: TERESA BELK

By: CP

Date: 6-8-82

Remarks, if applic. Disposition

DR NR

1574960PW

Q.D.S. Routing Slip

This is for information only,
not a QA Record.

() Work Copy

Routed to: Don McManney

By: GS

Date: 6-10-82 / 6-16-82

Remarks, if applic.: close in
process

() Work Copy

Routed to: _____

By: _____

Date: _____

Remarks, if applic: _____

() Work Copy

Routed to: _____

By: _____

Date: _____

Remarks, if applic: _____

() Work Copy

Routed to: _____

By: _____

Date: _____

Remarks, if applic: _____

DISTRIBUTION:		BRUNER	Snyder	Creel	ACCT	Schreyer	COMPUTER
PROJECT MANAGER		DOCUMENT CONTROL		BEDTEL SITE LIAISON		SNUPPS	
CONST. MANAGER		ORIGINATOR		KG BE CONST. MANAGER		Originator	
DISC ENGR.		WAREH. SUPRV.		SBL SITE LIAISON		KG BE MGR. QA (SITE)	

Nonconformance Report

Change Sheet

Date: 7-24-82

Revision 1

NCR/DR # ISN4960 PW

Description and Justification for Change(s)

NO NONCONFORMANCE EXIST STATEMENT IS TO BE
STRICKEN FROM THE RECOMMENDED DISPOSITION.

Arthur S. Prince P.E. 7-24-82
Originator - Title - Date

C.L. McDonald MES 7/24/82
Review and Concurrence

J.P. McDonald P.E. 7/24/82
Concurrence - Title - Date

7/24/82 J.P. McDonald MES 7-24-82
Concurrence - Title - Date

J.P. McDonald P.E. 7-24-82
Concurrence - Title - Date

Concurrence - Title - Date

Concurrence - Title - Date

Concurrence - Title - Date

Distribution *

Subject
NCR 13N4960PW
F101s FOR W.36, W.37, W.40, W.41.

1) Procedural violation did occur and does exist on F101s FOR W.36, W.37, W.40, W.41 - SYSTEM 2 MK 60111-EF11-200-1/091-4.

2) Procedural violation exist in closing this NCR (13N4960PW) - IN PROCESS.

3) Engineering Change ^{REPORT} ~~Request~~ - ECR01, DOES NOT COMPLY WITH WPV112094 Para. 4.26.2. THIS ECR01 SHOWS SAT 1 OF 1 - FOUR Supplement WCRs were issued with the ECR making a total of "Five" SATs. REF. Paragraph states the ECR shows sheet two (ex. 1 OF 5, 2 OF 5 etc.) and that each sheet of the ECR RECEIVED a SAT NO. (ex 2 OF 5, 3 OF 5 etc.)

4) WPV112094 Para. 4.26.5 states that ECR changes shall be I/A/W specs, drawings and procedures.

a). Recommended disposition of the NCR states All documentation was reviewed and concurred with by the ANI.

b. REF. WPV112094 Para. 3.19.4 which states correction or additions to the WCR shall be limited to the Data (upper) section. Any corrections to ASME code class, Preheat, PWHT, or NDE required sections shall be initiated by the ANI.

CONT.

4)

C) This brings you back to the NCR (ISN 4460 PW) Description of NC. Performance - stating that changes were made to the NDI Required section without formal review by the AMI. This condition is still present on the Subject FIOs to this date, therefore - All Documentation was not reviewed and concurred with by the AMI as stated, nor have the changes made by this ECR-01 been I/A/W the procedure.

5) NCR - Disposition states that ECR-01 was ^{Entered} ~~added~~ to the Traveler on 6.4.82 - INCORRECT - Traveler Index Supp. Sheet shows that it was Entered 6.5.82.

6. The NCR - Disposition implies that the ECR-01 Number was added to the Subject FIOs on 6.4.82, ~~more~~ INCORRECT - Subject FIOs show ECR-01 Number added 6.8.82. This is in direct violation of APV 102⁹/₁₃. Subject FIOs were put on Hold with Hold Tags ^{8702 8703 8704 8705} W-36, W-37, W-40 W-41 on 6.7.82, additions made to them on 6.8.82, recommended disposition not constructed or site approved until 6.9.82.

CONT

cont

This brings you to closing the NCR in-process.

7). There is no page no. on the continuation sheet added to the NCR for recommended disposition.

8). Per APV102^{2/13} Appendix III^{9/1} (Instructions for voiding NCRs in process) Para. 3.0 which states for those NCRs designated as Code-Related (ASME) the ANI must ~~sign~~ signify his concurrence by signing the appropriate space on the NCR Form. (REF. APV102^{2/13} Exhibit A Step 27)

This review shall be accomplished after closure of the NCR, but prior to transmittal of the NCR to document control.

a) NCR 13N 4960PW Form has ANI concurrence the same date as recommended disposition and site approval - 6-9-82. Subject NCR is not closed out!

Based on these discrepancies/procedural violations - The NCR tags can not be removed, nor can this NCR be signed by the originator to meet the requirements of WPV11209^{2/11}, APV102^{2/13} and be I/A/W 10CFR 50 Part B.

Regards (Originator)

B. J. [Signature] to MURKIN

Reported to Roni McCrany
SDQS 6-21-82 10:45. Discussed
about contents within. Roni ^{TALKED} said he
could NOT give me an answer at that
point - but he would check the procedures
and others in this matter. awaiting
response! Phone call from L. Phillips
about NCR ISN 4960 PW - will meet with me
after lunch on the matter.

Larry Phillips obtained the same info.
discussed with Roni McCrany - said he was
taking info. back to Ron for further
direction. (1:35)

Larry Phillips contacted me 6-23-82 to
inform me that subject NCR ISN 4960 PW was
returned to PRE (Don Baker) to be handled
possibly to write another NCR against additional
made to WCRs that were on hold. Waiting for
response. (I think I got the situation of the violations
at hand).

Temporary attachments in weld area

5-27-81

Ref: WP-VII-201

Page 13 of 16

Para. 4.22.5 through 4.22.6

CWP-506

Page 11 of 10

Para. 4.16.5 through 4.16.7

Where temporary attachments are welded in the weld areas of adjoining Spool Pieces on ASME class 1 and 2 and B31.1 Critical Pipe, it is Not necessary to perform a Liquid Penetrant or magnetic particle examination upon removal of these attachments. This is applicable where a RT examination is to be performed on the weld. The intent of WP-VII-201 Para. 4.22.3 through 4.22.6 and CWP-506 Para. 4.16.5 through 4.16.7 is for areas of the pipe outside the weld area.

SIGNATURE

DATE

Restrictions:

The areas of temporary attachments that are addressed through Special Instruction Sheets must be adhered to and followed as per that Special Instruction Sheet.
ie Loop Piping

R. J. J. J.
Penetration
Inspection

SIGNATURE

PRINTED IN U.S.A.

ATTACHMENT (5)

AICO

UTILITY FORMS

REGISTERED MAIL
NO. 1000000000000000
30427

MEMO

• ALLEN CLIFFORD

• R. BOOTH

REF: WPVII 201 CWP 506
CWP 524F
O
R
M

B. R. INT

DR No. A, B & C

DATE

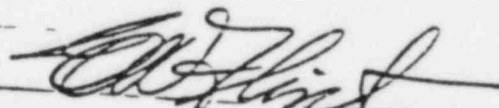
6/6/81

DR CLOSED IN PROCESS. IT IS NOT NECESSARY TO PERFORM VISUAL INSP. OR NDE ON REMOVAL OF TEMPORARY ATTACHMENTS IN THE WELD AREA IF AN RT IS TO BE PERFORMED ON THE FINAL WELD. ANY DEFECTS FROM WELD REMOVAL WILL BE DETECTED IN THE RT READING. THE INTENT OF THE ABOVE REFERENCES IS FOR AREAS OUTSIDE THE WELD AREA.

SIGNATURE

DATE

TEMPORARY ATTACHMENTS ADDRESSED IN SPECIAL INSTRUCTION SHEETS WILL BE DEALT WITH IN ACCORDANCE WITH THE DOCUMENT.



SIGNATURE

DATE

FORWARD PARTS ONE AND THREE TO PERSON ADDRESSED

Responsible Supervisor : _____

DATE _____

REINSPECTION:

REWORK
SATISFACTORY ☐REWORK
UNSAT. ☐REJECT ☐

SNN _____

DATE _____

O.C. INSPECTOR _____

DATE _____

DISCIPLINE O.C. ENGINEER _____

DATE _____

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		BECHTEL SITE LIAISON		SNUPPS	
CONST. MANAGER	X	ORIGINATOR (2) *		KG&E SUPT. OF NUC. DEVEL.		*	
ENGR. MANAGER	X	WAREH. SUPRV.		S&L SITE LIAISON			
C.A. MANAGER	v	PURCH. AGENT		D.R. COORDINATOR		KG&E Dir. O.A.	



DEFICIENCY REPORT

PAGE 1 OF 1NO. ADATE 6-4-81

Cite

NS ☐DWG/ISO IM03-BM02 Q 02

SPEC/PROC. QCP III 201 Para. 3 13

CWP 524 Para. 4.16.5, 4.16.7, 4.23.1 System BMPurchase Order/Traveler No. IM03-BM02 Q 02DESCRIPTION: REACTOR Bldg. Elev. 2028' BIA 242 APPROX. 3' AR

INSPECTION OF BM02-FOOT (P11) PAPERWORK RETURNED NO VISUAL INSPECTION NOR NDE AS REQUIRED PER CWP 524 R-3, FOR REMOVAL OF TEMPORARY ATTACHMENTS. WORK IS COMPLETED. THIS IS IN DIRECT VIOLATION OF ABOVE PARAGRAPHS.

Action Taken to Control Deficiency:

Hold Tag # 24687 PlacedINSTALLED 18" CSTO A10Y STEELORIGINATOR A. J. Clifford Jr. DATE 6-4-81 QCE _____ DATE _____

DISPOSITION: & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer _____

Date _____

Potential 50-55e/Part 21

Yes ☐ No ☐

Site Approval Title _____ Date _____

AUTHORIZED INSPECTOR _____

DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN: _____

Responsible Supervisor: _____ DATE _____

REINSPECTION:

REWORK SATISFACTORY ☐REWORK UNSAT. ☐REJECT ☐

SNN _____

DATE _____

Q.C. INSPECTOR _____ DATE _____

DISCIPLINE Q.C. ENGINEER _____ DATE _____

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		BECHTEL SITE LIAISON		SNUPPS	
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC DEVEL.	*		X
ENGR. MANAGER	X	WAREH. SUPRV.	X	S&L SITE LIAISON			X
O.A. MANAGER	v	PURCH. AGENT		D.R. COORDINATOR	v	KG&E Dir. O.A.	X



DEFICIENCY REPORT

PAGE 1 OF
NO 3DATE 6-4-81

Code



NS

DWG/ISO EM03-AB019.02SPEC/PROC. QCP III 201 Para. 3.13CWP-524 Para. 4.16.5, 4.16.7 System AB

4.23.1

Purchase Order/Traveler No. EM03-AB019.02DESCRIPTION: REACTOR Bldg. B1A 241 ELEV. 2035' APPROX. 4' DIA 44" CS TO ALLOY STAINLESS

INSPECTION OF AB01-F100 (P.3) and PAPERWORK - REVEALED NO VISUAL INSPECTION NOR
INDE AS REQUIRED PER CWP-524 R.3, FOR REMOVAL OF TEMPORARY ATTACHMENTS.
THIS IS IN DIRECT VIOLATION OF ABOVE PROCEDURES.

Action Taken to Control Deficiency:

HOLD TAG # 24686 Placed

ORIGINATOR

[Signature]DATE 6-4-81 QCE

DATE

DISPOSITION: & Justification:

REWORK ☐REJECT ☐

Cause of Deficiency and Action to Prevent Recurrence:

Potential 50-55e/Part 21
Yes No

Project Discipline Engineer

Date

Site Approval Title Date

AUTHORIZED INSPECTOR

DATE

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN:

Responsible Supervisor:

DATE

REINSPECTION:

REWORK
SATISFACTORY ☐REWORK
UNSAT. ☐REJECT ☐

SNH

DATE

Q.C. INSPECTOR

DATE

DISCIPLINE Q.C. ENGINEER

DATE

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		BECHTEL SITE LIAISON		SNUPPS	X
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC DEVEL.	*		X
ENGR. MANAGER	X	WAREH. SUPRV.	X	S&L SITE LIAISON		KG&E Dir. O.A.	X
O.A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR			



DEFICIENCY REPORT

PAGE 1 OF

NO C

DATE 6-4-81

Cyle



NS ☐

DWG/ISO IM03-BM02G02

SPEC/PROC. QCP Part 201 Para. 3.13

CWP 524 Para. 4.16.5, 4.16.7, 4.23.1 System BM

Purchase Order/Traveler No. IM03-BM02G02

DESCRIPTION REACTOR Bldg. E/EV. 2028' BIA 242 APPROX. 12°A2

INSPECTION OF BM02-FOOS (P12) PAPERWORK REVIEW NO VISUAL INSPECTION NOR
NDE AS REQUIRED PER CWP 524 R-3, FOR REMOVAL OF TEMPORARY ATTACHMENTS. WELD IS
COMPLETED. THIS IS IN DIRECT VIOLATION OF ABOVE PROCEDURES.

Action Taken to Control Deficiency:

Hold Tag # 24688 placed

Installed. 18" C.S. TO
Alloy Steel.

ORIGINATOR RL Clifford Jr DATE 6-4-81 QCE DATE

DISPOSITION: & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer

Date

Potential 50-55e/Part 21	
Yes <input type="checkbox"/>	No <input type="checkbox"/>
Site Approval	Title Date

AUTHORIZED INSPECTOR DATE

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN

Responsible Supervisor: DATE

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SNN
DATE

O.C. INSPECTOR DATE

DISC. LINE O.C. ENGINEER DATE

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		BECHTEL SITE LIAISON		SNUPPS	X
CONST. MANAGER	X	ORIGINATOR (2)	*	KG&E SUPT. OF NUC DEVEL.	*		X
ENGR. MANAGER	X	WAREH. SUPRV	X	S&L SITE LIAISON		KG&E Dir. O.A.	X
O.A. MANAGER	✓	PURCH. AGENT		D.R. COORDINATOR	✓		X



DEFICIENCY REPORT

AP-VI-02
Exhibit B
Revision 5PAGE 1 OF 1

NO. _____

DATE 2-11-82

NS

DWG/ISO MOB-KA43-C531 R/I II
SPEC/PROC WP-VII-209 R/O
Exhibit LSYSTEM KA 43PURCHASE ORDER/TRAVELER NO. MOB-KA43-C531 II

DESCRIPTION: HANGER C-531 WAS CUT-DOWN USING TWO (2) DIFFERENT CUT-SHEETS; H-39 P/W AND H-36 P/W - NEITHER CUT SHEET HAS A REVISION AND CUT SHEETS ARE NOT THE SAME AS WP-VII-209 EXHIBIT-L-REV. C. THIS IS A VIOLATION OF THE ABOVE LISTED-PROCEDURE. FOUND DURING ROUTINE SURVEILLANCE.
EL-2012'4 3/16" - SOUTH 30'10" EAST 44'8"
ACTION TAKEN TO CONTROL DEFICIENCY:
HOLD TAG # 26476 PLACED ON TRAVELER

ORIGINATOR J. M. ShawDATE 2-11-82

POE _____

DATE _____

DISPOSITION & JUSTIFICATION:

REWORK ☐REJECT ☐

CAUSE OF DEFICIENCY AND ACTION TO PREVENT RECURRENCE:

PROJECT DISCIPLINE ENGINEER _____

DATE _____

A.N.I. _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN:

Greg:
- This has been corrected by Eng.
Stanton
Chuck.

RESPONSIBLE SUPERVISOR _____

DATE _____

REINSPECTION: REWORK SATISFACTORY ☐REWORK UNSATISFACTORY ☐REJECT ☐

SNN _____

DATE _____

QUALITY INSPECTOR _____

DATE _____

POE _____

DATE _____

DISTRIBUTION:

PROJECT MANAGER	DOCUMENT CONTROL	BECHTEL SITE LIAISON	SNUPPS
ASST. MANAGER	ORIGINATOR	KG&E CONST. MANAGER	
C. ENGR.	WAREH. SUPRV.	S&L SITE LIAISON	KG&E MGR. CA (SITE)
MANAGER	PURCH. AGENT	D.R. COORDINATOR	

MEMO

T.B. Flint

FRC Mesher

Welds Inspected - 600

all welds inspected, that were made in accordance with the
 above listed procedure. 1) KC-21-HR02 - Rejected - 4th Profile, no ~~strikes~~ strikes,
 and no fusion. 2) KC-22-HR01 - Rejected @ Three Times - weld profile, valleys between limbs.
 3) KC-23-HR03 - Rejected @ Twice - weld profile, valleys on the concave; 4) KC-24
 - Rejected - valleys & undercut.

SIGNATURE

DATE

EX-1018A FILE 45081 7/10/81 45081 7/10/81

DETACH AND RETAIN THIS PART FOR FOLLOW UP

DATE 9-3-81

SIGNATURE

DR N/A

ATTACHMENT (6)

CONTROL WELDING

3. KC-22-HR09 - Rejected @ Twice - weld profile
 valleys and/or grooves.

4. KP-13 - H504 - Rejected - valleys & undercut

9.4

RICH — THIS
IS VALID INFO
BUT — PLS
HAVE IT
SUBMITTED ON
A MEMO.

7

SURVEILLANCE REPORT

PROJECT 7158

3/ds

ED/IDENTIFICATION

CHARACTERISTICS CHECKED

ACP-VII-200

All welds made on night shift
THAT I HAVE INSPECTED do not
comply with the above listed
procedures

DISCREPANCIES: See

ACTION TAKEN: SUEVE

QC INSPECTOR H. M. [Signature] 4/11/81

DATE 9-3-81

0	
9	
0	
1	
2	
3	

SURVEILLANCE REPORT

CONTRACTOR

DANIELS

LOCATION/AREA

Reactor Bldg.

SYSTEM/COMPONENT

SURVEILLANCE

DATE	PERSON VISITED/IDENTIFICATION
1	
2	
3	
4	
5	
6	
7	
8	
9	
0	
1	
2	
3	

QC INSPECTOR

H. W. [Signature]

DATE

9-3-81

PROJECT 715B

CHARACTERISTICS CHECKED

ACP-VII-200

ALL WELDS MADE ON NIGHT SHIFT
THAT I HAVE INSPECTED DO NOT
COMPLY WITH THE ABOVE LISTED
PROCEDURE.

1. KC-21-AB02 - Rejected - Weld Profile,
ARC STRIKES
NON FUSION

2. KC-22-AB01 - Rejected @ These Times
Weld Profile, Valleys Between Beads

3. KC-22-H009 - Rejected @ Twice - Weld Profile
Valleys and/or Grooves

4. KA-13-H504 - Rejected - Valleys & Undercut

QUALITY CONTROL WELDING

DISCREPANCIES: SEE ABOVE

ACTION TAKEN: SURVEILLANCE WRITTEN

DR N/A

NONCONFORMANCE REPORT (NCR)

PROJECT NAME / NUMBER

ACTION REQ'D BY

CONTROL METHOD

Q N

NCR NUMBER

WOLF CREEK 210-7158

HCID # 8706

15N 4972 PW

IDENTIFICATION OF AREA AND ITEM

ESW Pumphse. BLA 022

SYSTEM ID

EF-2

XMK80111-C509/022-Q 8/00

CODE

925%
C-10-P2

CONTROLLING DOCUMENTS

I/A/W APVI 02 7/3.

QC PV 11 204 7/1 3-10

WP 506 7/32 TECH. N11A6 7/4

TRAVELERS NO.

XMK80111-S 175

QC PV 11 204 7/1 3-10
APVI 02 7/3
APVI 02 7/3

DESCRIPTION OF NONCONFORMANCE

WP 11 207 7/1 3-10, 4-17 A. 5. 3-15

PROCEDURAL VIOLATION - see PG. 2

INSPECTOR WAS CALL FOR VISUAL EXAMINATION OF WELD WIA

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

ORIGINATOR

TITLE

DATE

- ☐ REWORK
- ☐ REPAIR
- ☒ USE AS IS
- ☐ REJECT

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENCE:

☒ AUTHORIZED NUCLEAR INSP

ACTION TAKEN TO CONTROL NONCONFORMANCE:

POTENTIAL 50.55(E) / PART 21

YES ☒ NO ☐

ROUTE TO FOR CORRECTIVE ACTION:

STATEMENT OF COMPLETED ACTION:

Corrections to be made as allowed by present procedures. Close in process. 6/14/82

ACTION COMPLETE
DISTRIBUTION:

TITLE

DATE

DATE APPR.

TITLE

DATE

6-11-82

6-11-82

6-17-82

6-17-82

2)

REPORT (NCR)

Continuation Sheet Page 2 of

EX - 7158

Action Rqd By:

NCR Number

15N 4972 PW

XMK80111Q - C509/022

1) WRONG REVISION NUMBER ENTERED ON WCRs FOR TECH. 14-11-76 -
WEIDS W-10 W-1A

a. W-10 FITUP : VISUAL EXAMINATION QC ACCEPTED TO REV 8 -

CWP 506 ⁸⁹¹² 7/82 SHOWS REV 9 FROM 5-11-81 TO PRESENT. (FITUP ACC. 11-2
6-7-82

b. W-1A FITUP ACCEPTED TO REV. 7 (REF. 4) FITUP ACC. 6-4-82

2) SAT^{FOR WIA} WCR 4377 PW Added Per NCR[✓] TO THE TRAUS/PA AND ISSUED TO
CRAFT FOR WORKING - WITHOUT BEING DATE STAMPED.

How
6/15/82



NONCONFORMANCE REPORT (NCR)

PROJECT NAME/NUMBER

ACTION REQ'D BY

CONTROL METHOD

Q

N

NCR NUMBER

WOLF CREEK 210-7158

HOLD TAGS
220626W#

15N 5596 PW

IDENTIFICATION OF AREA AND ITEM

ESW Pump Hsc. B1A 022

SYSTEM ID

EF-2

H9R C510 WELDS W1 W10

C503 WELDS W1-W2-W10-W11-W12-W13-W14-W15-W16-W17-W20. Code

C505 WELDS W1-W2-W10-W11-W12-W13-W14-W15-W16-W17-W20.

CONTROLLING DOCUMENTS

APV102 N14 3.1 3.9 3.22

QCPV11 200 N12 2.3 3.4 4.1.2 4.1.3 4.1.4 4.1.5 4.1.10

QCPV11 204 N11 3.10

TRAVELERS NO.

XMK80111-022-Q

CLASS 3

CWP 506 N11A6 49

DESCRIPTION OF NONCONFORMANCE

PROCEDURAL VIOLATION: Welding was performed to N11A6 REV 7: R1U8.

CURRENT REVISION OF N11A6 IS REV 9 - FROM 5-11-81 TO PRESENT. FITUPS & FINALS

QC ACCEPTED BETWEEN 5-14-81 THRU 11-25-81.

PRESENTED TO INSPECTOR FOR NF EXAM.

NA

APV102 N14 3.1 3.9 3.22

ORIGINATOR

TITLE

7-28-82

DATE

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

- ☐ REWORK
- ☐ REPAIR
- ☐ USE AS IS
- ☐ REJECT

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENCE:

☐ AUTHORIZED NUCLEAR INSP.

ACTION TAKEN TO CONTROL NONCONFORMANCE:

HOLD TAGS 10782 C510

10783 C503

10785 C505

POTENTIAL 50.55(E) / PART 21

YES ☐ NO ☐

ROUTE TO FOR CORRECTIVE ACTION:

STATEMENT OF COMPLETED ACTION:

SITE APPR.

TITLE

DATE

Correction to be made as allowed by present procedures. Close in process.

ACTION COMPLETED

TITLE

DATE

ACTION VERIFIED

TITLE

DATE

DISTRIBUTION:

ATTACHMENT (8)

R301FFORD

Xmk6

C004

C010

H006

H007

R009

C503 Xmk8

506

508

510

511

512

518

520

513

R503

04

MEMO

TO: Bill Flint

FROM

AG Clifford

CONTROL WELDING

SUBJECT: CORRECTIONS OF QA DOCUMENTS / RECORDED. DATE: 9-3-81

INSPECTION noted that there are words or a word that has been
blacked out by ink instead of lining through with one line - then
initial and date as described in WP VII 209.

REF. X1106-E1103, C057 SAT H64 B REV 1 Paperwork

AG Clifford
SIGNATURE

DATE

FORM NO. 45001 250CTN-45002 50 PPM

DETACH AND RETAIN THIS PART FOR FOLLOW UP

DATE 9-3-81

SIGNATURE

OF THIS SURVEILLANCE

DR NA

... TACHMENT (9)

A MEMO
AG Clifford
9-8-81

SURVEILLANCE REPORT

PROJECT 7158

QUALITY CONTROL WELDING

DIC

LOCATION/AREA

Reaction Bldg.

SYSTEM/COMPONENT

XMOB-FMD3 C057

DATE PERSON VISITED/IDENTIFICATION

1
2
3
4
5
6
7
8
9
0
1
2
3

QC INSPECTOR [Signature]

DATE 9-3-81

CHARACTERISTICS CHECKED

INSPECTION NOTED THAT THERE ARE WORDS ORC
HOLD THAT HAS BEEN BLACKED OUT BY INK
INSTEAD OF LINGS THROUGH WITH ONE LINE
THE INITIAL AND DATE AS DESCRIBED IN WPXII
209.

A.J.

PUT THIS ON
A MEMO

[Signature]
9-8-81

DISCREPANCIES:

AS NOTED ABOVE

REF WPXII 209

ACTION TAKEN:

Notification by way
of this Surveillance

DR NA



DEFICIENCY REPORT

PAGE 1 OF NO. DATE 4-27-81

Code

NS ☐

DWG/ISO

SPEC/PROC. QCP VII 201 Para. 3.13

Special Instructions

I LOOP 2 QSystem I LOOP 2 QPurchase Order/Traveler No. I LOOP 9DESCRIPTION: REACTOR Bldg. B1A. 232

Welds F206 & F208 WERE STARTED AFTER 10:00 AM 4-27-81, WITHOUT WRITTEN PERMISSION FROM P.W.E. AS DESCRIBED IN STEP 9.11 OF SPECIAL INSTRUCTIONS.

Action Taken to Control Deficiency:

F206 F208
25503 25504

ORIGINATOR Q. Clifford DATE 4-27-81 QCE DATE

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer

Date

Potential 50-55e/Part 21

Yes ☐ No ☐

Site Approval Title Date

AUTHORIZED INSPECTOR

DATE

ROUTE TO (FOR CORRECTIVE ACTION)

ACTION TAKEN:

Responsible Supervisor:

DATE

REINSPECTION:

REWORK
SATISFACTORY ☐REWORK
UNSAT. ☐REJECT ☐

SNN

DATE

C. INSPECTOR

DATE

DISCIPLINE Q.C. ENGINEER

DATE

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		BECHTEL SITE LIAISON		SNUPPS
ONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC. DEVEL.		*
NGR. MANAGER	X	WAREH. SUPRV	X	S&L SITE LIAISON		KG&E
A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR	X	O.A.

ATTACHMENT



DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DWG/ISO WIRE ROOM #3SPEC/PROC. ANSI N45.2-2.1, 2.7.2, 6.1.1, 6.1.2-2, 6.2, 6.2.5DATE 7-18-81

de



NS



SPEC

GCP XIV 503 Rev 3.2.4.3.2

APV 02

Purchase Order/Traveler No. NA

DESCRIPTION: INSPECTION OF WIRE ROOM #3 ELEV. 2047' D.C. ROOF REVEALED THE FOLLOWING DISCREPANCIES AND CODE VIOLATIONS - ONE OF THE TRAILER DOORS WAS NOT CLOSED THUS LEAVING A TWO TO THREE INCH GAP BETWEEN THE FALSE WALL (USED TO ISSUE WELD FILLER MATERIAL) AND THE TRAILER DOOR THAT IS CLOSED - ALLOWING MOIST DAMP AIR AND OR RADIANTS TO ENTER THE CONTROLLED STORAGE AREA. ALL ELECTRICAL POWER WGS OFF (THROUGH OUT THE POWER BLOCKS) AT 8:10 AM - NO HEATING ELEMENTS WERE VENTILATED TO CONTROL CONDENSATION LEVEL - ATMOSPHERIC CONDITIONS WERE

Action Taken to Control Deficiency: ADVISE - IT COULD NOT BE DETERMINED AT THIS POINT THE ACCEPTABILITY OR QUANTITY OF WELD FILLER MATERIAL ALLOWED TO COOL FOR AN UNSPECIFIED LENGTH OF TIME AS WELL AS SUBJECTED TO MOIST DAMP AIR. ALL WELD FILLER MATERIAL NOT CONTAINED IN ORIGINAL SHIPPING CONTAINER IS CONSIDERED ON HOLD.

ORIGINATOR

[Signature]DATE 7-18-81 OCE

DATE _____

DISPOSITION & Justification:

REWORK ☐REJECT ☐

Cause of Deficiency and Action to Prevent Recurrence:

Project Discipline Engineer

Date

LANC

Potential 50-55e/Fort 21

YES ☐NO ☐

Site Approval Title Date

AUTHORIZED INSPECTOR

DATE

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN:

A.D. INITIATE ON THESE ITEMS AS AT 7-20-81

Responsible Supervisor :

DATE

REINSPECTION:

REWORK SATISFACTORY ☐REWORK UNSAT. ☐REJECT ☐

SNN

DATE

O.C. INSPECTOR

DATE

O.C. ENGINEER

DATE

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		ECHTEL SITE LIAISON		SNUPPS	
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC DEVEL.		*	
ENGR. MANAGER	X	WAREH. SUPRV.	X	S&L SITE LIAISON		KG&E Dir. O.A.	
O.A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR			
				KG&E MGR. O.A.		X	

ATTACHMENT (17)

MEMO

Bill Flint

FROM

BK12

DR Voiding

DATE

3-4-82

Bill please review this ^{DR} so it can be voided out properly per APV 102 1/2 3.15. Per telephone call to Chuck from me I was told that it is not necessary to do the paper work.

[Signature]
SIGNATURE

A. CLIFFORD

1582

PLS SEE ATTACHED.

7

RETURN THIS PART TO SENDER - RETAIN TOP COPY FOR REFERENCE

SIGNATURE

UNITED STATES

WD-AP-077.2-1

REV. 11/30/81



DEFICIENCY REPORT

PAGE 1 OF

NO.

Code

DWG/ISO X M06-EM04 Q R/

SPEC/PROC WPN1204 % 3.2, 3.3, 3.6, 3.7, 3.14 (Rev) DATE 3-2-82

S ☒

NS ☐

WPN1204 % 3.76
GCPV11204 % 3.1, 3.10

SYSTEM EM

PURCHASE ORDER / TRAVELER NO. X M06-EM04 Q C007/23/71

DESCRIPTION: 83 REACTOR Bldg. BIA 231 ELEV. 2011'

Procedural Violations see PS2

ACTION TAKEN TO CONTROL DEFICIENCY:

Hold TAG 27734 placed on Paperwork (TRAVELER STATION "D")

ORIGINATOR: [Signature]

DATE 3-2-82

POE

DATE

DISCUSSION & JUSTIFICATION:

REWORK ☐

REJECT ☐

CAUSE OF DEFICIENCY AND ACTION TO PREVENT RECURRENCE:

PROJECT DISCIPLINE ENGINEER

DATE

A.N.I. DATE

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN:

CURRENT, EXPANDED QUALITY ORGANIZATION ELIMINATES THE NECESSITY FOR INSPECTORS TO REVIEW DOCUMENTATION THAT IS NOT DIRECTLY APPLICABLE TO THE INSPECTION FUNCTION BEING PERFORMED. PLS SEE M/W LEAD MEETING NOTES DATED 3.11.82.

3.15.82

RESPONSIBLE SUPERVISOR

DATE

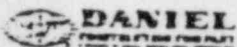
REINSPECTION: REWORK SATISFACTORY ☐

REWORK UNSATISFACTORY ☐

REJECT ☐

SNR

DATE



DEFICIENCY REPORT (DR)

SUPPLEMENTAL SHEET

AP-VI-02
Exhibit B
Revision 5

1106-EM04Q COC2/231 DR NUMBER
F11

P92

INSPECTOR was called for Fitup noting
The Following Discrepancies

1) Drawing NO. SHOWS - XM06-EM04(Q), WPV11209%
describes IT TO be (XM06-EM04Q - COC2/231).

THIS IS NOTED ON, Bill of Material % SK B-2,

WCR - H2A %

WCR - H2B %

WCR - H2C %

WCR - H2D %

a) * WCR - H2E %

b) * WCR - H2F %

1b) * WCRs H2E % & H2F % are added Supplement sheets
TO THE TRAVELEX - ANI REVIEW has been by passed
(NOTING NO SIGNATURE OR INITIALS and DATE) ON THESE
SHEETS - REF WPV11209% 3.17.2

a) W-1 ON H2E % is welded out and QC accepted



NONCONFORMANCE REPORT (NCR)

AP-VI-02
Exhibit A

PROJECT NAME/NUMBER

ACTION REQ'D BY

CONTROL METHOD

N

NCR NUMBER

WOLF CREEK 210/7158

See below
Hold TAG #5

IDENTIFICATION OF AREA AND ITEM

REACTOR Bldg.

SYSTEM ID GN-1

BIA 231 ELEV. 2009' S-55', W-40', TRAVELER STATION "B"

CONTROLLING DOCUMENTS

APV102 5/12 3.12, 3.21, 3.29

TRAVELERS NO. IMC2-6AC24 1/2

WPV11209 5/10 3.1, 3.2, 3.4, 3.6, 3.11, 4.3, 4.6, 4.7, 4.8, 4.20.C-NOTE

4.20.A

QCPV11201 5/5 3.1, 3.2, 3.4, 3.12, 3.13

4.20.D

DESCRIPTION OF NONCONFORMANCE

PROCEDURAL VIOLATIONS INVOLVING
MATERIAL : DOCUMENTATION

See PG 2;3

APV102 5/12 3.12, 3.21, 3.29

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

ORIGINATOR

TITLE

DATE

- ☐ REWORK
- ☐ REPAIR
- ☐ USE AS IS
- ☐ REJECT

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENCE:

☐ AUTHORIZED NUCLEAR INSP

ACTION TAKEN TO CONTROL NONCONFORMANCE:

TAG 8911 Placed on PAPERWORK (TRAVELER STATION "B")

TAG 8912 Placed on WEIR F035A

POTENTIAL 50.55(E) / PART 21

YES ☐

NO ☐

ROUTE TO FOR CORRECTIVE ACTION:

STATEMENT OF COMPLETED ACTION:

CLOSED IN PROCESS - PIPING ENG. EFFECTED IMMEDIATE CORRECTIONS TO DEFECTS NOTED.

REDUCED REQUIREMENTS COMPLIED WITH. 25 FULL TAG.

2.24.82

ACTION COMPLETED

TITLE

DATE

ACTION VERIFIED

TITLE

DATE

DISTRIBUTION:



NONCONFORMANCE REPORT (NCR)

Continuation Sheet Page 2 of

Project Name/Number WOLF CREEK - 7158	Action Rqd By:	NCR Number
------------------------------------------	----------------	------------

I M03-GN02 Q R/2

BAC 2-23-82

ROUTINE SURVEILLANCE OF ORLA NOTED WELDING IN PROCESS ON ABOVE SYSTEM F035A. NCR & DR TAGS WERE NOTED ON ONE OF THE ADJACENT COMPONENTS (VALVE EF-MV-46), FURTHER RESEARCH REVEALED THE FOLLOWING:

* ① NCR ISN 3928M WAS INITIATED BY ENG. 11-18-81 FOR ^{ORIENTATION} IMPROPER ~~INITIATION~~ OF VALVE EF-MV-46. IT HAD BEEN DISPOSITIONED BY DANIEL ENG. TO "USE AS IS". BECHTEL DISAPPROVED THIS DISPOSITION AND STATED TO REORIENT VALVE I/A/W D-1 S.I.T. NO FURTHER ACTION HAS TRANSPIRED AS NOTED E, NCR ISN 3928M.

② DR ISD 9220P WAS INITIATED BY ENG. ON 1-25-82 FOR THE SAME DEFICIENCY/ITEM NOTED ABOVE. DR DISPOSITION IS TO CUT OUT WELD F035, REORIENT VALVE, AND WELD IN ACCORDANCE WITH APPROVAL F101.

a) THIS DISPOSITION HAS NOT BEEN APPROVED BY ANI (ON THE PRESENT WORK COPY - OR THE ORIGINAL COPY OF QCDs) AS REQUIRED BY APV102 R/2 3-21. WELD HAS BEEN CUT OUT, VALVE REORIENTED PER DISPOSITION, WELD IS ALSO IN PROGRESS PER F101 - F035 R/2 WITH QUALITY CONTROL; ANI ACCEPTANCE OF FITUP.

b) F101 - F035A R/2 DOES NOT HAVE QUALITY OR ANI INITIALS INDICATING THEIR APPROVAL PRIOR TO PLACEMENT OF WCR INTO THE TRENCH AS A

NCR Number

AP-VI-02
Exhibit A

FM03-GN02 Q R/2

4.20.C NOTE - PS 14 OF 16.

NOTE - PS 14 OF 16.
This is in direct violation of procedures
referenced.

APC 2-23-52

* ISN 3928M REVIEW THIS DATE 2-23-82 BY ORIGINATOR OF THIS NCR.

2

Nonconformance Report/Deficiency Report
Change Sheet

Date: 2-22-82

Revision 1

NCR/DR # 15D-7078M

Description and Justification for Change(s) - DOCUMENTATION MISSING
FROM TRAVELER
TRAVELER INDEX INDICATES - B-3 REV. E - B-3 REV. 1 & 2 MISSING FROM TRAVELER.
INDEX INDICATES - E-4 REV. E - E-4 REV. C NOT STAMPED SEE LATER REVISION;
B-4 REV. 1 - MISSING FROM TRAVELER.
INDEX INDICATES - FW 502 - REV. 3 - MISSING FROM TRAVELER
INDEX INDICATES - FW 510 REV. 2 - FW 510 REV. 1 NOT STAMPED SEE
LATER REVISION; FW 510 REV. 2 MISSING FROM TRAVELER.
INDEX INDICATES - FW 516 REV. 1 - MISSING FROM TRAVELER
INDEX INDICATES - FW 507 REV. 2 - MISSING FROM TRAVELER

J. J. [Signature] 2-22-82
Originator - Title - Date

Review and Concurrence

Concurrence - Title - Date

Concurrence - Title - Date

Concurrence - Title - Date

Concurrence - Title - Date

Concurrence - Title - Date

Concurrence - Title - Date

Distribution*

W3D

BECHTEL

DEFICIENCY REPORT

CPE-12-81

PAGE 1 OF 2

NO. 157278

DATE 6-4-81

DWG/ISO I-COL-6905 Q
SPEC/PROC. WP-VII-209S ☒NS ☐

System COL

Purchase Order/Traveler No. I-COL-6905 Q

DESCRIPTION TRAVELER I-COL-6905 Q HAS THE FOLLOWING VIOLATIONS
(Violations Noted ON ATTACHED Supplemental Sheet)Action Taken to Control Deficiency: LOCATION - TRAVELER STATION E LEAKY RIDG. EL-2047
HOLD TAG # 25587 Applied

ORIGINATOR

DATE 6-4-81

QCE

DATE

DISPOSITION: & Justification:

MECH. SERVICES SUPERVISOR TO ADDRESS SHTS MARKED [1]

QUALITY CONTROL TO ADDRESS SHTS. MARKED [2]

SEE SHT 30F83 CPE-12-81

Cause of Deficiency and Action to Prevent Recurrence:

ONE TIME OCCURRENCE NO FURTHER ACTION DEEMED NECESSARY

REWORK ☒REJECT ☐

Project Discipline Engineer (CIN PAINO MEA)

Date 6-12-81

Potential 50-55e/Part 21

Yes ☒ No ☐ Date 6-15-81

Site Approval Title Date

AUTHORIZED INSPECTOR: YS261114

DATE 7-6-81

ROUTE TO (FOR CORRECTIVE ACTION): CLAUDETTE HOPKINS, IFA JAMES

CODE

ACTION TAKEN:

TRAVELER HAS BEEN CORRECTED OR REVISED PER ITEM [1] ON DISPOSITION
20/5/81

Responsible Supervisor :

DATE

REINSPECTION:

REWORK
SATISFACTORY ☐REWORK
UNSAT. ☐REJECT ☐

SNH

DATE

Q.C. INSPECTOR

DATE

DISCIPLINE Q.C. ENGINEER

DATE

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL	BECHTEL SITE LIAISON	SNUPPS	X
CONST. MANAGER	X	ORIGINATOR (2) *	X K&E BUPT. OF NUC DEVEL.	* K&E	X
ENGR. MANAGER	X	WAREH. SUPRV	X IS&L SITE LIAISON	K&E Dir. O.A.	X
C.A. MANAGER	X	PURCH. AGENT	ID.R. COORDINATOR	R&E	X

DR NUMBER ISD 7172M

D-1 REV D- NO DEFICIENCY EXISTS. THIS SHT IS LOCATED IN THE I-C-066905(0)
SUPERSEDED FILE IN THE VAULT.

CP 6-12-81

S-1 REV D- ~~NO DEFICIENCY EXISTS~~. GC. PERSONNEL TO SIGN SHEET OUT OF THE
FIELD TRAVELER. 2

FW502 REV. 1- NO DEFICIENCY EXISTS. THIS SHEET IS IN THE I-C-066905(0)
FILE IN THE VAULT.

FW510 REV. 1- NO DEFICIENCY EXISTS. THIS SHEET WAS FILED OUT OF THE FIELD
TRAVELER 10-25-78. HOWEVER IT IS STILL IN THE FIELD TRAVELER.
G.C. TO CORRECT FIELD TRAVELER. 2

FW528 REV. 2- THIS REVISION IS NOT IN THE MECH. SERVICES HISTORY FILE. THERE IS
NO ^{TRANSMITTAL} ~~TRANSMITTAL~~ PROVING THIS REVISION WENT TO THE FIELD TRAVELER.
THE MASTER FILE COPY HAS NO ISSUE STAMP ON THE BACK OF THIS PAGE.
IT IS THEREFORE CONCLUDED THAT THIS REVISION WAS NEVER ^{CP 6-12-81} ~~ISSUED~~ ISSUED.
MECHANICAL SERVICES TO ISSUE THIS REVISION TO THE FIELD TRAVELER. 1

FW529 REV. 1- THIS REVISION WAS SIGNED OUT OF THE TRAVELER BY G.C.
PERSONNEL 6-27-80. G.C. TO LOCATE THIS SHEET. 2

FW530 REV. 1- SAME AS SHEET FW528 REV. 2 1

FW531 REV. 1- THIS REVISION IS NOT IN THE MECH. SERVICES HISTORY FILE. THERE IS NO
TRANSMITTAL PROVING THIS REV. WENT TO THE FIELD TRAVELER. THE MASTER
FILE COPY HAS NO ISSUE STAMP ON THE BACK OF THIS PAGE. IT IS
THEREFORE CONCLUDED THAT THIS REVISION WAS NEVER ISSUED. THIS
WELD WAS DELETED ON RECHTEL REV. 3 AND CORRESPONDING ECR-02.
MECH. SERVICES TO ISSUE THIS REV. TO THE FIELD TRAVELER. 1

FW532 REV. 1- SAME AS SHEET FW531 REV. 1 1

DR NUMBER

DE TAG# 25589 6-4-51

SHEET D1 REV. 0 - MISSING

SHEET S1 REV. 0 - IN VAULT - NOT SIGNED OUT OF INDEX.

FW-502-R-1 - MISSING

FW-510-R-1 - MISSING

FW-528-R-2 - MISSING

FW-529-R-1 - MISSING

FW-530-R-1 - MISSING

FW-531-R-1 - MISSING

FW-532-R-1 - MISSING

CHUCK — LET'S NOT GET INTO TRAVELER
REVIEW — WE'RE CONCERNED ONLY WITH
THE DOCUMENT(S) REQUIRED TO PERFORM THE
INSPECTION FUNCTION. LET'S IGNORE MESKAW'S
"LARGE SHEET. ASSIGN A KNOWLEDGEABLE INSPECTOR
TO COORDINATE WITH A TRAVELER PERSON AND
THE TRAVELER IN QUESTION TO CLEAR THE
ORIGINAL DISCREPANCIES.

7 2.23

Storage - Electrodes, bare wire, con-
sumables and backing rings.

For electrodes, check the
calibration of the welding oven. (For ovens not having calibrated
thermocouples).

C I Inst. 1-107 Cal. Due Date 8-5

Qurns: 1, 2, 3, 4, 5, 12, 13, 14 & 15

When checked 7-1-81, all Qurns which stand
Electrodes were below Required Temperature.
Issue issued from Qurns Unit Directive

1 - Electrodes of the same heat or lot
number in the oven only?

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

2 - Ovens labeled with heat/lot number,
of electrodes contained therein?

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

3 - Consumables (including
backing rings) identified and stored
properly?

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

4 - Electrodes being handled properly by
the attendant upon being returned to the
oven room?

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

5 - Electrodes that need reconditioning
are segregated by size, type and lot
number? Qurns: 1, 2, 3, 4, 5, 12, 13, 14, 15

YES	NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>

6 - Backing operations being handled
properly?

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

7 - Covered electrodes being issued in
suitable containers?

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

QC Check List for Welding Material

FIELD CHECK

- 9 - Is only one type of covered electrode or bare wire issued to a welder at any one time?
- 10 - Is bare filler wire properly identified and maintained?
- 11 - Is spool wire maintained and appropriately handled? (e.g. machine labeled and can be properly secured).
- 12 - Comments/Other Findings.

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

✓ Vendor Tags on Bolt were missing & falling off easily.

✓ While at Fed issue station I noticed a Pipe Fitter (welder) was filling out his own Fed 310 (w-100) violation CIP-503 regarding 4.1, 4.2

QC Insp. Signature J. Mishan Date 7-2-81

QC Engr. Signature _____ Date _____

NO _____
DATE 7-1-77

1. FILED PROG 4-2-7 503 4.3.7 System NF
Purchase Order/Trans

DESCRIPTION: Red ISSUE STATION #3 EL-2047 Allen. Eddy.
Due To The Relocation of Red STATION #3, Red COINS were disconnected from
The (D) Meter. The material in the following Red COINS were before the
Reconnection of COIN-505 Table 1. Red COINS - 1, 2, 3, 4, 5, 12, 13, 14 and 15
Red COINS in Control Efficiency: Red COINS in Control Efficiency
Red COINS in Control Efficiency: Red COINS in Control Efficiency

25074 25075 25076
25077 25078
25079 25080
25081 25082

ORIGINATOR Colman, William DATE 7-1-81 OCE _____ DATE _____

DISPOSITION (Justification:

REWORK ☐

REJECT ☐

Cause of Deficiency and Action to Prevent Recurrence:

Project Discipline Engineer

Date 1/26

Potential 50-60% increase

Give APPROVED

APPROVED DIRECTOR

ROUTE TO (FOR CORRECTIVE ACTION)

ACTION TAKEN:

Action to Prevent Recurrence: REJECT ☐

... were pulled,

or _____ Date _____ *PA*

Potential _____

Give Approved _____

Reference *4.1.3.7 CWP 505*

WERE NOT COLD SURVEY

TOUCH. WRITE TEMP

STATING ROD HOLDING TEMP

BELOW 110 RODS TEMP

THAT 110 UNTIL

ISSUED until

WAS REJECTED

MIN

REWORK ☐ UNSAT. ☐

REJECT ☐

SIGN _____

DATE _____

DATE _____

DATE _____

Responsible Supervisor :

REINSPECTION

NEWARK ☐
SATISFACTORY ☐

REWORK. ☐

REJE 

C.C. INSPECTOR:

1 LINE G.C. ENGINEER

LATE.

DATE _____

PROJECT MANAGER	1	DOCUMENT CONTROL	PROJECT MILE MARK	1
CONTRACT MANAGER	1	CONTRACTOR (S)	PROJECT MILE MARK	1
FINANCIAL MANAGER	1	WARRANT SUPPLY	PROJECT MILE MARK	1
SALES MANAGER	1	REPAIR PARTS	PROJECT MILE MARK	1

1. LATEST ADDRESS

1. R. E. SMITH

RA 10 11 201 CWP 504

CWP 504

1. B. E. SMITH

2. CWP 504 IN PROCESS. IT IS NOT NECESSARY TO PERFORM VISUAL INSPECTION OR NDE ON REMOVAL OF TEMPORARY ATTACHMENTS IN THE WELD AREA IF AN RT IS TO BE PERFORMED ON THE FINAL WELD. ANY DEFECTS FROM WELD REMOVAL WILL BE DETECTED IN THE RT READING. THE UTILITY OF THIS SPECIFICATION IS FOR AREAS OUTSIDE THE WELD AREA.

TEMPORARY ATTACHMENTS ADDRESSED IN SPECIAL INSTRUCTION SHEETS WILL BE DELETED WITHIN ACCORDANCE WITH THE DOCUMENT.

[Signature]

Responsible Supervisor: _____ DATE _____

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SHR _____
DATE _____

U. C. INSPECTOR _____ DATE _____

COMMITTEE OF ENGINEERS _____ DATE _____

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1000 1002 1001 0 02
1000/1001

☒ YES ☐ NO * See below

System CR
Purchase Order No. 1301

DESCRIPTION: RIGID F-093 AT P-2 HAS NOT HAD REQUIRED VISUAL INSPECTION.
NDC PERFORMED FOR REMOVAL OF TEMPORARY ATTACHMENTS PER REFERENCED
PROCEDURES. ~~2096 CI~~^{2096 CI} WELD HAS BEEN COMPLETED, CARGO TO ALLY.
RIP 341 65' N 6' W 8
Action taken to Cont. of Deliberation: 2096 CI. APPROX. 350° AC.

1. CC II 2.13
 CWP 524 5.11.5
 CWP 524 5.11.7
 CWP 524 5.11.1

PC Hood Feb 4 2018 10:00 AM

ORIGINATOR LARRY BROWN/CA DATE 6-9-81 QCE _____ DATE _____

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐[illegible][illegible]

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION FILE

Responsible Supervisor : _____ DATE _____

REINSPECTION.

REWORK SATISFACTORY ☐ REWORK UNSAT. ☐ REJECT ☐

SN# _____
DATE _____

P.C. INSPECTOR _____ DATE _____

BY _____ LINE C.O. ENGINEER _____ DATE _____

Page 10 of 10

GOVERNMENT OF THE DISTRICT OF COLUMBIA

[illegible]

DEFICIENCY REPORT

DATE 6-4-81

MODEL 71403 REAR QCE
SPEC/PROC.

0726

☒

☐

System AE

Purchase Order/Traveler No. AE 01

DESCRIPTION: AE04 F038 AT P-7 HAS NOT HAD REQUIRED VISUAL AND HAS
PERFORMED FOR REMOVAL OF TEMPORARY ATTACHMENTS PER REFERENCED PAR. 10.2
WELD HAS BEEN COMPLETED. CROWN TO ALLOW
BLA 212 13 64 5'E E AT EL. 2003 REAR, 4' RD.
ACTION TO PREVENT DEFICIENCY:

* QCE 201 3.13

QC HOLD TAG # 24110

CWP 524 4.12.5

CWP 505 4.11.7

CWP 504 4.23.1

ORIGINATOR LARRY HEDDERLEY DATE 6-4-81 QCE _____ DATE _____

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

In-charge Discipline Engineer _____

Date _____

Potential 5-5 4/11/81
X-517 4.11.7
Spec Approval Title _____

APPROVED INSPECTOR _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN: _____

Responsible Supervisor: _____ DATE _____

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SNN: _____
DATE: _____

S.C. INSPECTOR _____ DATE _____

LINE O.C. ENGINEER _____ DATE _____

DATE	TIME	BY	REMARKS	DATE	TIME	BY	REMARKS
6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110	6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110
6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110	6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110
6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110	6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110
6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110	6-4-81	13:00	LARRY HEDDERLEY	QC HOLD TAG # 24110

CODE

SPEC/TYPE 7 1003 ACOS 9 00DATE 6-4-81

X SEE BELOW

System ACPurchase Contract Number AEOS 9

DESCRIPTION: ACOS FC31 AT F-5 HAS NOT HAD TWO REQUIRED V.I.
INSPECTION AND NDE PERFORMED FOR REMOVAL OF TEMPORARY ATTACHMENTS FOR
REFERENCE PURPOSES. WORK HAS BEEN COMPLETED.
DLA 241 1801 GEN E EL 2022 APPROX. 345° AE.

QC HOLD TAG 24050 10/10/81

QC HOLD TAG 24050 10/10/81

QC HOLD TAG 24050 10/10/81

QC HOLD TAG 24050 10/10/81

ORIGINATOR Locke Martin DATE 6-4-81 QCC

DATE

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Potential Deficiency

Date

Potential Deficiency

Date

Site Address

Date

ACOS 1003 ACOS 9 00

ACOS 1003 ACOS 9 00

ACOS 1003 ACOS 9 00

Responsible Supervisor:

DATE

REINSPECTION

REWORK
SATISFACTORY ☐REWORK
UNSAT. ☐REJECT ☐

DATE

DATE

Q.C. INSPECTOR

DATE

Q.C. ENGINEER

DATE

ACTION:

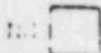
DATE	DESCRIPTION	PERFORMED BY	DATE	DESCRIPTION	PERFORMED BY
6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN	6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN
6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN	6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN
6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN	6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN
6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN	6-4-81	ACOS 1003 ACOS 9 00	LOCKE MARTIN

DEFICIENCY REPORT

FILE NO. 1-10-1
 IN 2
 DATE 6-7-81

ODE

W. NO. 2403 AB01 Q02
 INDU/HLOC



* SEE BELOW

System AB

Purchase Order No. 1001 0

DESCRIPTION AB01 F096 AT P1 HAS NOT HAD REQUIRED VISUAL INSPECTION
AND WERE PERFORMED FOR REMOVAL OF TEMPORARY ATTACHMENTS FOR INSPECTION
PREVIOUSLY. WELD HAS BEEN COMPLETED. ~~6-10-81~~ 6-11-81 CAPTION TO 1-10-1
6-9-81 15'W 03'N E 2090 APPROX 350' W.
 ACTION TAKEN TO CORRECT DEFICIENCY:

* 6-9-81 241 3.13
6-10-81 241 3.10.5
6-11-81 241 3.10.7
6-11-81 241 3.23.1

QC HOLD TWO DATES 10-11-81

ORIGINATOR LARRY EDWARDS/CA DATE 6-9-81 OCE

DATE

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Inspector

Date

POTENTIAL	1-10-1
Weld	1-10-1
Other	1-10-1

APPROVED INSPECTOR

NOTE TO (FOR CORRECTIVE ACTION)

ACTION TAKEN

Responsible Supervisor : _____ DATE _____

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SNN _____

DATE _____

O.C. INSPECTOR _____ DATE _____

BY THE O.C. ENGINEER _____ DATE _____

1. O.C. ENGINEER	2. PROJECT ENGINEER	3. PROJECT SUPERVISOR	4. PROJECT INSPECTOR
5. PROJECT MANAGER	6. PROJECT COORDINATOR	7. PROJECT ASSISTANT	8. PROJECT CLERK
9. PROJECT OFFICE	10. PROJECT OFFICE	11. PROJECT OFFICE	12. PROJECT OFFICE
13. PROJECT OFFICE	14. PROJECT OFFICE	15. PROJECT OFFICE	16. PROJECT OFFICE
17. PROJECT OFFICE	18. PROJECT OFFICE	19. PROJECT OFFICE	20. PROJECT OFFICE

specified Limits is part
of our in Process
Welding Surveillance
that we check everyday.

It is not necessary to
write a Daily Surveillance
when we observe a
welder out of parameters.
specified in the procedures.
IF this becomes a repeated
occurrence with the same
welder then we may document
it on a Daily Surveillance.

LP
11/23/81

ATION

CHARACTERISTICS CHECKED

PRI HEAT AND PERAGE CHECKED WHILE
WELDING
CRITERIA CHECKED WAS IN PROCESS AT
4/11/81
PIPE FAB SHOP.

DISCREPANCIES:

CWVP-506 SETS THE PARAMETERS FOR
TIG WELDING WITH 1/8" BARE WIRE ^{1/8"} BETWEEN
65-130 AMPS. WELDER MONITORED WHILE WELDING
VIOLATED TOLERANCE WITH 142 AMPS.

ACTION TAKEN:

- ① INSTRUCTED WELDER HIS MACHINE WAS HOT
- ② SURVEILLANCE WRITTEN.

QC INSPECTOR

T. L. L. 9/13/81

DATE 11-16-81

ATTACHMENT (17)

DR

CONTRACTOR SURVEILLANCE REPORT

PROJECT 7158

DANIEL INT'L.

LOCATION/AREA

FAB SHOP - PIPE

SYSTEM/COMPONENT

PM03-EFO4-Q FWO1A

DATE PERSON VISITED/IDENTIFICATION

11-16-81 JEFF BROUWINK

↓ ROGER DUNE

Tom SLENN

CHARACTERISTICS CHECKED

PRI HEAT AND DERRALE CHECKED WHILE
CHILDREN LEADS WNS IN PROCESS AT
PIPE FAB SHOP.

DISCREPANCIES:

CWP-506 SETS THE PARAMETERS FOR
TIG WELDING WITH 1/8" BARE WIRE BETWEEN
65-130 AMPS. WELDER MONITORED WHILE WELDING
VIOLATED TOLERANCE WITH 142 AMPS.
ACTION TAKEN:
INSTRUCTED WELDER HIS MACHINE WAS HOT
SURVEILLANCE WRITTEN.

DR

DATE: 11/11/00
SPEC/PRG: RI 074111Q Rev 0

QCE: 11/11/00
SP: 11/11/00

System: HVIC
Purchase: 11/11/00

DESCRIPTION: General surveillance it a/cen revealed nothing on
HVAC system RI 074111Q Rev 0, R 6002 without proper investigation.
No Traveler package, no Weld Control Record at work.
Action Taken to Control Deficiency: 12' IN F 5, ON F 5, ON F 5, ON F 5.
D Q.C. Work Tag # 35062 ON Hvacua for further Q.C. inspection.

ORIGINATOR: 11/11/00 DATE: 11/11/00 QCE: 11/11/00 DATE: 11/11/00

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Discipline Engineering

Date

Potent: 11/11/00
Site: 11/11/00

APPROVED INSPECTOR

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN

*Woid I James
Bill Flint*

Responsible Supervisor:

DATE

REINSPECTION

REWORK
SATISFACTORY ☐

REWORK
UNSAT. ☐

REJECT ☐

SHN

DATE

Q.C. INSPECTOR

DATE

DISCIPLINE Q.C. ENGINEER

DATE

DOCUMENT CONTROL

REVISION

UNCH. ADJ. NT

FILED IN: O.A.

ATTACHMENT

IN PROCESS
WELDING SURVEILLANCE REPORT

QCP-VI1-200
Exhibit C
Revision 2
Page 1 of 1

REACTOR

WELD ID	WELDER ID	PREHEAT	INTERPASS	AMPI RAGE	BEAD WIDTH	COMMENTS
<p>No Time For Random Inspections / Surveilance</p> <p>PER DUE QCP To VII 200 Number of Appendix 1</p>						

9.25

WE CANNOT
FILE REPORTS
WITH THIS TYPE
ENTRY — IF
YOU CANT MAKE
THE SURVEILLANCE
CHECK DUE TO
WORKLOAD DONT
— RUN ONE IN.

column
s within
ication

Inspector LDA/LH
Date 9-23-81

7

CONTRACTOR

SURVEILLANCE REPORT

PROJECT 7158

QUALITY CONTROL WELDING

DANIEL

LOCATION/AREA

REACTOR

SYSTEM/COMPONENT

GENERAL SURVEILLANCE

DATE

PERSON VISITED/IDENTIFICATION

1

2

3

4

5

6

7

8

9

0

11

12

13

QC INSPECTOR

LDA/LI

DATE

4-16-81

CHARACTERISTICS CHECKED

GENERAL SURVEILLANCE OF AREA PER QCP VII
200, QCP VII 201, AND QCP VIII 503.
RESULTS WERE SATISFACTORY WITH THE
FOLLOWING EXCEPTIONS:

1) THERE CONTINUES TO BE A LARGE
NUMBER OF PIPES WITHOUT HARD COVERS

2) THERE REMAINS A PROBLEM OF CARBON
CONTAMINATION ON STAINLESS STEEL

THE HAND ITEMS HAVE BEEN BROUGHT
TO THE ATTENTION OF CRAFT, FOREMEN
AND GENERAL FOREMEN.

DISCREPANCIES:

SEE ABOVE

ACTION TAKEN:

CRAFT NOTIFIED

THIS REPORT GENERATED.

OR

N/A

SURVEILLANCE REPORT

PROJECT 7158

QUALITY CONTROL WELDING

CONTRACTOR

DANIEL INTERNATIONAL CORP.

LOCATION/AREA

REACTOR BUILDING
SYSTEM/COMPONENT

GENERAL SURVEILLANCE

CHARACTERISTICS CHECKED

SURVEILLANCE OF STAINLESS PIPE IN THE
REACTOR BUILDING INDICATED WATER DAMAGE
TO SOME OF THE PIPE FROM THE REACTOR
BUILDING WASH DOWN. THIS IS OBSERVABLE
ON THE EXTERIOR OF THE PIPES.

1. Affected Craft

2. Affected Craft

DATE

PERSON VISITED/IDENTIFICATION

1 D. DENNISON

2

3 G. COOPER

4

5 R. TUCKER

6

7 C.D. BREESE

8

9 L. YATES

10

11

12

13

DISCREPANCIES: AS NOTED.

QC INSPECTOR Leonard A. Ysten III

DATE 2-17-81

ACTION TAKEN:

THIS SURVEILLANCE WRITTEN AND LEAD NOTIFIED
G.F. JIM ASHCRAFT NOTIFIED THIS INSPECTOR THAT THEY
WOULD START A WIPES DOWN OF SAID PIPES.
DR NONE

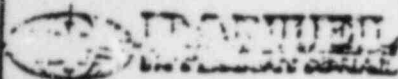
Richard Booth Tom Neill
Ira Jones Harry Bryant

LDH/2

... the following ...
... 2026 ...
NECESSARY ...
...
OCP WP CWS
Nearest ...

~~SECRET~~ 653-81 GWP ARE AVAILABLE TO THE
INSPECTION, WITH ...
RECOMMEND DISAPPROVAL
SECURITY IN THIS AREA IS QUESTIONABLE AT BEST.
Disapproved

RETURN THIS PART TO SENDER - RETAIN TOP COPY FOR REFERENCE



DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 11-19-81

DWG/ISO IM03-EJ01 Q

SPEC/PROC. WP-011-203

System ET

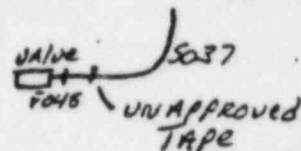
Purchase Order/Traveler No. IM03-EJ01 Q

☒ de ☐ NS

DESCRIPTION: Aux. Bldg. EL-1971 15'N-A7 - 10'W-AN NW RHR Pit Procedure Installed Pipe EJ01-5337 is in violation of the above listed for UNAPPROVED TAPE; FOUND DURING VISUAL INSPECTION.

Action Taken to Control Deficiency:

Hold Tag # 29811 Applied



ORIGINATOR J. M. Shaw DATE 11-19-81 QCE _____ DATE _____

DISPOSITION: & Justification:

REWORK ☒

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☒

Project Discipline Engineer _____ Date _____

Potential 50-55e/Part 21
Yes ☐ No ☐
Site Approval Title Date

AUTHORIZED INSPECTOR _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN: GREG
THIS OR UDDID PLEASE VERIFY REMOVAL OF TAPE THEN CLEAN PER WP 011203. DOCUMENT THIS ACTION ON A SURVEILLANCE REPORT. REF: LEAD MEETING NOTES DATED 10-22-81 item #1

Responsible Supervisor: _____ DATE 11-19-81

REINSPECTION: Rework Satisfactory ☐ Rework Unsatisfactory ☐ Reject ☐ SHN _____ DATE _____

C. INSPECTOR _____ DATE _____

LINE Q.C. ENGINEER _____ DATE _____

PROJECT MANAGER	<input checked="" type="checkbox"/>	DOCUMENT CONTROL	<input checked="" type="checkbox"/>	TECHNICAL SITE LIAISON	<input checked="" type="checkbox"/>	SNUPPS	<input checked="" type="checkbox"/>
ENST. MANAGER	<input checked="" type="checkbox"/>	ORIGINATOR (2) *	<input checked="" type="checkbox"/>	PGGE SUPT. OF NUC. DEVEL.	<input checked="" type="checkbox"/>	*	<input checked="" type="checkbox"/>
NGR. MANAGER	<input checked="" type="checkbox"/>	WAREH. SUPRV.	<input checked="" type="checkbox"/>	S&L SITE LIAISON	<input checked="" type="checkbox"/>	KG&E Dir. O.A.	<input checked="" type="checkbox"/>
A. MANAGER	<input checked="" type="checkbox"/>	PURCH. AGENT	<input checked="" type="checkbox"/>	D.R. COORDINATOR	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
				KG&E MGR. G.A.	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 9-28-81

DWG/ISO IM03-EM03Q

SPEC/PROC. WP-VII-201 3-30

QCP-VII-201 3-13

System EM

Purchase Order/Traveler No. IM03-EM03Q

200
S ☒

NS ☐

DESCRIPTION: PROCEDURAL VIOLATION N-62' W-17' EL-2010 CLASS 1
UNAPPROVED TAPE LOCATED ON SPOOL-5001, 5002 & VALVE-V8815. THIS
IS A VIOLATION OF THE ABOVE LISTED PROCEDURES.

Action Taken to Control Deficiency:

TAS # 30189 Applied

VOID
C.E. 9/1/81

ORIGINATOR J. Merbau DATE 9-28-81 QCE _____ DATE _____

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer _____ Date _____

Potential 50-55e/Part 11
YES NO

Site Approval Title Date

AUTHORIZED INSPECTOR _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN:

This Tape was removed, and cleaned
By CRAFT. I believe this DR is not
Nes. Document this on a serv. viol.

C. Joins

Responsible Supervisor : _____ DATE _____

REINSPECTION:

REWORK
SATISFACTORY ☐

REWORK
UNSAT. ☐

REJECT ☐

SNN _____

DATE _____

Q.C. INSPECTOR _____ DATE _____

PLINE Q.C. ENGINEER _____ DATE _____

REVISION:

PROJECT MANAGER	IX	DOCUMENT CONTROL	RECENT SITE LIAISON	ENRUPPS
COORDINATOR	IX	COORDINATOR	RECENT SITE LIAISON	ENRUPPS
ENGR. MANAGER	IX	ENGR. MANAGER	RECENT SITE LIAISON	ENRUPPS
QA MANAGER	IX	QA MANAGER	RECENT SITE LIAISON	ENRUPPS

ATTACHMENT (24)

DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 11-19-81

DWG/ISO IMA3-EJ01 Q
SPEC/PROC. WP-VI-203

System *EJ*

Purchase Order/Traveler No. IMA3-EJ01 Q

DESCRIPTION: *Auto. Bldg. EL-1971 10'N-A7-6'-W-AN NW-RHR Pit UNAPPROVED TAPE*
IM03-EJ01-5006 WAS found To be in violation of The Above listed
PROCEDURE FOR UNAPPROVED TAPE. Violation was found DURING SURVEILLANCE of Area
Installed Pipe.
 Action Taken to Control Deficiency:

Action Taken to Control Deficiency:

Hold TAG # 29812 Applied

PUMP

TAPE ON FLANGE

PEJOIA

Y.C.C.

ORIGINATOR J. M. Stewart III DATE 11-19-81 OCE

DATE _____

DISPOSITION: & Justification:

REWORK

REJECT

Cause of Deficiency and Action to Prevent Recurrence:

Project Discipline Engineer

Date _____

Potential 50-55e/Part 21
Yes ☒ No ☐

Site Approval	Title	Date
---------------	-------	------

AUTHORIZED INSPECTOR

DATE _____

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN:

GREG.

THK DR VOID PLEASE VERIFY REMOVA/
OF TAPE THEN CLEAN PER WPUH 203
DOCUMENT THIS ACTION ON A SURVEILLANCE
REPORT REF: LEAD MEETING NOTES DATED
10-22-81 item #1

Responsible Supervisor :

DATE _____

REINSPECTION:

REWORK
SATISFACTORY

REWORK
UNSAT.

REJECT

SNN

DATE _____

C. INSPECTOR

DATE _____

17 THE Q.C. ENGINEER

DATE _____

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		TECHTEL SITE LIAISON		SNUPPS	
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT OF MUC DEVEL.	*		X
MCR. MANAGER	X	WAREH. SUPRV.	X	S&L SITE LIAISON			X
A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR		KG&E Dir. O.A.	X
				KG&E MCR. O.A.	X		



DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 11-19-81

DWG/ISO IM03-EJ01 Q
SPEC/PROC. WP-VII-203

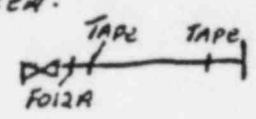
code
S ☒

NS ☐

System EJ
Purchase Order/Traveler No. IM03-EJ01 Q

DESCRIPTION: Alu. Bldg. EL-1971 NW-RHR Pit - 10'N-A7-6'W-AN Installed Pipe - UNAPPROVED TAPE
IM03-EJ01-5010 - UNAPPROVED TAPE ON SPOOL 5010 AT Weld FO12A & VENDOR Weld
AT FLANGE. VIOLATION WAS FOUND DURING SURVEILLANCE OF AREA.

Action Taken to Control Deficiency:
HOLD TAG # 29813 Applied



ORIGINATOR J. Marshall DATE 11-19-81 QCE _____ DATE _____

DISPOSITION: & Justification:

REWORK ☐

REJECT ☐

Cause of Deficiency and Action to Prevent Recurrence:

Project Discipline Engineer _____ Date _____
Potential 50-55e/Part 21
YES ☐ NO ☐
Site Approval Title Date

AUTHORIZED INSPECTOR _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN: GREG
THIS DR VOID PLEASE VERIFY REMOVAL OF
TAPE & CLEANING PER WP VII 203 &
DOCUMENT THIS ACTION ON SURVEILLANCE
REPORT. REF: LEAD meeting NOTES DATED
10-22-81 item #1
AB 11-20-81

Responsible Supervisor: _____ DATE _____

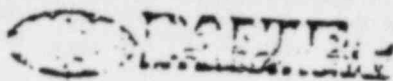
REINSPECTION:
REWORK SATISFACTORY ☐ REWORK UNSAT. ☐ REJECT ☐
SNN _____ DATE _____

O.C. INSPECTOR _____ DATE _____

D. LINE O.C. ENGINEER _____ DATE _____

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		DECHTEL SITE LIAISON		SNUPPS	X
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC DEVEL.	*		X
ENGR. MANAGER	X	WAREH. SUPRV.	X	S&L SITE LIAISON		KG&E Dir. Q.A.	X
Q.A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR	X		
				KG&E MGR. Q.A.	X		



DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 10-14-81

DWG/ISO IM03 BB07
SPEC/PROC. APVI-02, QCP VII-200 AD. 1.1.12.1, 1.1.13.1
WP VII-203
ANSI N452.2

☒ NS ☐

CODE

System BB

Purchase Order/Traveler No. IM03 BB07

DESCRIPTION: CLEAN VIOLATION: VALVE, V-209 HAS UNAPPROVED TA
ON THE WELD BEVEL. 38 10-14-81
BLA: (251) 2050' ELEV. 55' EAST OF RB4 @ 60° AZ

Action Taken to Control Deficiency: ATTACHED HOLD TAG 30166 T.
VALVE, V-209 THIS DR UED AS A CONTROL VEHICLE.

ORIGINATOR Jim Lloyd DATE 10-14-81 QCE

DISPOSITION & Justification:

DATE

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer

Date

Potential 50-55e/Part 21

YES ☐ NO ☐

AUTHORIZED INSPECTOR

Site Approval Title Date

ROUTE TO (FOR CORRECTIVE ACTION):

DATE

ACTION TAKEN:

Responsible Supervisor:

DATE

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SNN

DATE

Q.C. INSPECTOR

DATE

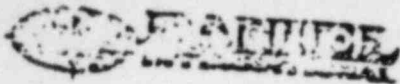
DISCIPLINE Q.C. ENGINEER

DATE

DISTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		BECHTEL SITE LIAISON		SNUPPS	X
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC DEVEL.		* Jim Lloyd	X
ENGR. MANAGER	X	WAREH. SUPRV.	X	S&L SITE LIAISON		KG&E Dir. Q.A.	X
G.A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR			
				KG&E MGR. Q.A.	X		

ATTACHMENT (26)



DEFICIENCY REPORT

PAGE 1 OF

NO.

DATE 10-14-81

DWG/ISO

IM03 8808

SPEC/PROC. WP VII-203, AP VI-02

QCP VII-200 API-12"

System BB

Purchase Order/Traveler No. IM03 8808

DESCRIPTION: VALVE, V-119 WAS FOUND TO HAVE UNAUTHORIZED TAP ON THE WELD BEVEL AREA. S/S VALVE WAS FOUND WHILE DOING A TAG AUDIT. BLA; 205' Elev. 52' EAST OF RBQ @ 60° AZ (251)

Action Taken to Control Deficiency: HOLD TAG #30167 ATTACHED TO VALVE THIS DR. USED AS A CONTROL VEHICLE

ORIGINATOR [Signature] M/W QC DATE 10-14-81 QCE

DISPOSITION & Justification:

DATE

REWORK ☐

REJECT ☐

Cause of Deficiency and Action to Prevent Recurrence:

Project Discipline Engineer

Date

Potential 50-55e/Part 31
YES ☐ NO ☐

AUTHORIZED INSPECTOR

Site Approval Title Date

DATE TO (FOR CORRECTIVE ACTION):

DATE

ACTION TAKEN

Sim:

PLEASE HAVE CRAFT CLEAN TAP OFF VALVES. AS PER IRA JAMES.

Chuck

Responsible Supervisor:

INSPECTION:

DATE

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SNN

DATE

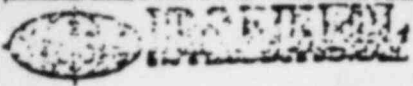
INSPECTOR

DATE

PLINE Q.C. ENGINEER

DATE

MANAGER	X	DOCUMENT CONTROL	BECHTEL SITE LIAISON	SNUPPS	X
MANAGER	X	ORIGINATOR (2) *	KGSE SUPT. OF MCG DEVEL.	* <u>Sim</u> M/W QC	X
MANAGER	X	WAREH. SUPRV.	SBL SITE LIAISON	KGSE DIR. O.A.	X
MANAGER	X	PURCH. AGENT	D.R. COORDINATOR		
			KGSE NGR. O.A.		



DEFICIENCY REPORT

PAGE 1 OF 1

NO.

DWG/ISO WIRE ROOM #3

SPEC/PROC. ANSI N 45.2.2.1. 2.7.2, 6.1.1, 6.1.2.2, 6.2, 6.2.5

DATE 7-18-81

Calc



NS



WPS 503 Rev. 1.1, 4.1.3.2, 4.1.3.6, 4.1.5 "System" NA

Table 2

QCP 317.5 Rev. 3.2.4.1.2

APV. 02

Purchase Order/Traveler No. NA

DESCRIPTION: INSPECTION OF WIRE ROOM #3 ELU. 2047. ^{100%} ROOF REVEALED THE FOLLOWING DISCREPANCIES AND CODE VIOLATIONS - One of the Trailer Doors was not closed thus leaving a TWO TO THREE INCH GAP BETWEEN THE FALSE WALL (used to insure Weld Filler Material) and the Trailer Door that is closed - ALLOWING MOIST DUMP AIR and OR RADIANTS TO ENTER THE CONTAINER. STRENGTH, WELD. All Electric Power was OFF (through out the Power Blocks at 8:10 AM - No Heating Elements were installed to control condensation level - ATMOSPHERIC CONDITIONS WERE

Action Taken to Control Deficiency: None - IT COULD NOT BE DETERMINED AT THIS POINT THE ACCEPTABILITY OR QUALITY OF WELD FILLER MATERIAL ALLOWED TO COOL FOR AN UNSPECIFIED LENGTH OF TIME as well as subjected to moist dump air. All WELD FILLER MATERIAL NOT CONTAINED IN ORIGINAL SHIPPING CONTAINER IS CONSIDERED ON HOLD.

NOTAGS 23490 - 23491 PLACED

ORIGINATOR [Signature] DATE 7-18-81 QCE DATE

DISPOSITION: & Justification:

REWORK ☐

REJECT ☐

Cause of Deficiency and Action to Prevent Recurrence:

Project Discipline Engineer Date LANC Potential 50-550/Part 21
Yes ☐ No ☐

AUTHORIZED INSPECTOR DATE
ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN:
Handwritten: Initiate on these items 7-20-81

Responsible Supervisor: DATE

REINSPECTION:
REWORK SATISFACTORY ☐ REWORK UNSAT. ☐ REJECT ☐
SIN DATE

Q.C. INSPECTOR DATE

DISCIPLINE Q.C. ENGINEER DATE

DISTRIBUTION:				
PROJECT MANAGER	X	DOCUMENT CONTROL	TECHNICAL LIAISON	SNUPPS
CONST. MANAGER	X	ORIGINATOR (2) *	ROLE SUPERVISOR OF RUL DEVEL.	*
ENGR. MANAGER	X	WAREH. SUPRV.	SCL SITE LIAISON	KGAE Dir. O.A.
O.A. MANAGER	X	PURCH. AGENT	D.R. COOR. NATOR	
			KGEE M. G.A.	X

Code



NONCONFORMANCE REPORT (NCR)

PROJECT NAME/NUMBER

ACTION REQ'D BY

CONTROL METHOD

Q

N

NCR NUMBER

15 CREEK 7158

TAG#

IDENTIFICATION OF AREA AND ITEM

Rod Room #3

SYSTEM ID

N/A

CONTROLLING DOCUMENTS

CWP-503 R/12 APPX. I

QCP-VII-503 R/13 PARA 4.1.1.1, 4.1.1.2, 4.3.2

QCP-VII-500 R/12 APPX. II PARA II. A.9.

AP-II-02 R/13 PARA 3.1.

TRAVELERS NO.

N/A

DESCRIPTION OF NONCONFORMANCE

Failure to comply with PROCEDURE:

Rod Room #3 failed to comply with above procedures by issuing Rods before time indicated on W-100. This was found during fit-up inspection on 2-MOT-EM11-R515/231 (Q) weld #2

W-100 #424597

Not Written
Per Instructions
of Larry Phillips

Marshall D. Lyster

ORIGINATOR

M/W QC

TITLE

7-29-82

DATE

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

- ☐ REWORK
- ☐ REPAIR
- ☐ USE AS IS
- ☐ REJECT

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENCE:

☐ AUTHORIZED NUCLEAR INSP

ACTION TAKEN TO CONTROL NONCONFORMANCE:

POTENTIAL 50.55(E) / PART 21

YES ☐ NO ☐

ROUTE TO FOR CORRECTIVE ACTION:

SITE APPR.

TITLE

DATE

STATEMENT OF COMPLETED ACTION:

ACTION COMPLETED
DISTRIBUTION:

TITLE

DATE

ACTION VERIFIED

TITLE

DATE



DEFICIENCY REPORT

AP-VI-02
Exhibit BPAGE 1 OF 1

NO. _____

DATE 12-9-81

CODE

DWG/ISO
SPEC/PROCXM06 EM05 QNS ☐CWP 506 4.13.5 REV. 34SYSTEM EM 05PURCHASE ORDER / TRAVELER NO. XM06 EM05 Q

DESCRIPTION: XM06 EM05 CO12 Weld 12. Weld 12 is the weld on the strut shank at the sleeve and requires 200°F PREHEAT. INSPECTOR WAS CALLED FOR FIT-UP INSPECTION. TACK WELDS WERE ALREADY INSTALLED AND THERE HAD BEEN NO QC VERIFICATION OF PRE-HEAT TEMPERATURE.

ACTION TAKEN TO CONTROL DEFICIENCY:

QC HOLD TAG 29955 INSTALLED ON ITEM.

BLA 231

23' N. E

28' W. E

E1. 2009

ORIGINATOR Larry D. Riddle / LII DATE 12-9-81

PQE _____

DATE _____

DISPOSITION & JUSTIFICATION:

REWORK ☐REJECT ☐

CAUSE OF DEFICIENCY AND ACTION TO PREVENT RECURRENCE:

PROJECT DISCIPLINE ENGINEER _____

DATE _____

A.N.I. _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN:

VOID: written in error.As per Lead Notes of 6-4-81E. E. MorrisPull TAG!

RESPONSIBLE SUPERVISOR _____

DATE _____

REINSPECTION: REWORK SATISFACTORY ☐REWORK UNSATISFACTORY ☐REJECT ☐

SNN _____

DATE _____

QUALITY INSPECTOR _____

DATE _____

2E _____

DATE _____

DISTRIBUTION:

PROJECT MANAGER

DOCUMENT CONTROL

BECHTEL SITE LIAISON

SNUFFS

CONST. MANAGER

ORIGINATOR

KG & E CONST. MANAGER

DISC. ENGR.

WAREH. SUPRV.

S&L SITE LIAISON

KG & E MGR. CA (SITE)

Q.A. MANAGER

PURCH. AGENT

D.R. COO

ATTACHMENT (29)

DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 7-21-81

DWG/ISO Y-MOL-EMO3Q

SPEC/PROC. AP-VI-02

QCP-III-201-3.13

System EM

Purchase Order/Traveler No. X-MOL-EMO3Q

code



NS



DESCRIPTION: EL-2005 APPROX 0' AZ N-57' E-W-O' IN FRONT OF DIEMETIC OFFICE
D.R. TAG # 25529 WAS ATTACHED TO CO29 (AS REF. ON ISD 7107) SWAY STREET ASSY. D.R. TAG AND SWAY STREET
ARE NOW MISSING - THIS IS A PROCEDURAL VIOLATION. Q.C. WAS NOT NOTIFIED OF REMOVAL.

Action Taken to Control Deficiency:

D.R. WRITTEN - NO HOLD TAG REQ.

ORIGINATOR J. M. ... DATE 7-21-81 QCE _____

DATE _____

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer _____

Date _____

Potential 50-55e/Part 21
Yes ☐ No ☐

Site Approval Title Date

AUTHORIZED INSPECTOR _____

DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN:

Please address this problem on a surveillance report. That report will have to be answered by craft. I could not find a specific paragraph in the AP's that addresses this problem. If you do, please advise.

Void

Tom Mervin

7-27-81

Responsible Supervisor: _____

DATE _____

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SIN _____

DATE _____

Q.C. INSPECTOR _____

DATE _____

DISCIPLINE Q.C. ENGINEER _____

DATE _____

TRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL	INTELL SITE LIAISON	SNUPPS
CONST. MANAGER	X	ORIGINATOR (2)	X	EGGE SUPT. OF PURCHASING
ENGR. MANAGER	X	WAREH. SUPV.	X	EGGE SITE LIAISON
Q.A. MANAGER	X	PURCH. AGENT	X	EGGE DIR. Q.A.
			X	EGGE COORDINATOR
			X	EGGE MGR. Q.A.

ATTACHMENT (30)

DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 11-18-81

CODE _____

DWG/ISO IM03 EN03 Q

SPEC/PROC. _____



NS ☐

QCP VII 200 APP. I D. 4.

System EN

Purchase Order/Traveler No. IM03 EN03 Q

Rev. 6

DESCRIPTION: IM03 EN03 Q SPOOL 5-001 CONTAINS ARC STRIKES
APPROXIMATELY 10" FROM F027. ARC STRIKES ARE CIRCLED WITH
APPROVED MARKER. DISCREPANCIES WERE NOTED DURING CLEANLINESS INSPECT
FOR CAP-UP 5001 10" SS CLASS 2.
 Action Taken to Control Deficiency: _____

DLA 231 N. 35' & E. W. 52' & E.
EI. 2016

QC HOLD TAG 26524 INSTALLED.

ORIGINATOR LARRY ADKISON/LH DATE 11-18-81 QCE _____

DATE _____

DISPOSITION: & Justification: _____

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence: _____

REJECT ☐

Project Discipline Engineer _____

Date _____

Potential 50-55e/Part 21

Yes ☐

No ☐

Site Approval Title Date

AUTHORIZED INSPECTOR _____

DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN:

LARRY:

I DID NOT PROCESS THIS DR BECAUSE
I FELT THE ARC STRIKES WERE NOT A DR SITUATION.
I LET CRAFT CORRECT THE PROBLEM WITH OUT A
DR. PLEASE PULL THE C. E. GAIN.

Responsible Supervisor _____

DATE _____

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SNN _____

DATE _____

Q.C. INSPECTOR _____

DATE _____

DISCIPLINE Q.C. ENGINEER _____

DATE _____

SITUATION:

PROJECT MANAGER	X	DOCUMENT CONTROL		TECHTEL SITE LIAISON		SNUPPS	
CONSTR. MANAGER	X	ORIGINATOR (2) *	X	KGGE SUPT. OF MUD LEVEL		*	
ENGR. MANAGER	X	WAREH. SUPERV.	X	S&L SITE LIAISON			
Q.A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR		KGAE Dir. Q.A.	
				KCEE MGR. Q.A.	X		

ATTACHMENT (31)

TO

3-5-81

FLINT

6-16-81

INSPECTION USE MSSWR'S FOR
REMARKS
"ALL OK" AND SIGNATURE FINAL VISUAL
INSPECTION PER APPLICABLE PROCEDURES

(FLINT)

QC SUPVR.

FOR FILING

SIGNATURE

6/15/81
6-15-81
6-15-81

1. We do not inspect to memos: Emphasize to personnel that memos are used for the purpose of clarifying procedures only. Procedures and specifications outline inspection criteria.
2. Weld Prep as per ISO (Sq. butt or 37 $\frac{1}{2}$ ⁰): Pipe to plate bevel or prep will be in accordance with the designed specification. Although the prep is not depicted in MS-6 Spec., an approved drawing is acceptable.
3. Do not rotate valve unless specified on drawing: Valves are installed to specifications and any deviation must be addressed. i.e. arbitrary rotation to facilitate installation.
4. Check 100% of W-100's on completed welds: There is no requirements to verify all W-100 forms during final visual inspection. Random check during in process surveillance is adequate.
5. No QC hold on pre-heat prior to tack welds: Preheat verification prior to tack weld is not required. There is only one QC Hold Point for verification of pre-heat irrespective of the time span from fitup to final. Additional pre-heat may be checked during in process surveillance.
6. Job assignments in field: Inspectors are assigned and report to the Lead Inspector who reports to the supervisors. Movement and assignment of inspections will be handled through this chain of supervision.
7. QC will not establish inspection standards: Inspection criteria is outlined in procedures and specifications. Individual standards outside this criteria will not be interjected.
8. MSSWR with DR/NCR: A weld control record generated as the result of DR/NCR must reference the DR/NCR number. A copy of the weld control record is placed in the original DR/NCR.
9. DR - List the procedure and paragraph of violation: Effective this date, when writing a DR/NCR, reference the procedure, paragraph and item the deficiency/non conformance is in violation of.
10. Timely processing of paperwork: The time frame to process weld control records that have been returned to the field for correction is excessive. Emphasis should be placed on getting them corrected and returned.

Attendees:

I. James	T. Stuckey
B. Flint	J. Depaepe
T. Nevitt	L. Phillips
M. Plumb	R. Arment
R. Cook	V. Napier
C. Goins	R. Booth
W. Reinier	

cc: L. Bryant
D. Dennison
L. Thompson

Larry,

This problem has been addressed to the QC Engineers many times by the supervisors and IRA. The problem is supposedly going to be resolved. I feel that this memo, in light of previous notification to Engg. of this problem, is not necessary and nothing will be gained by it. I appreciate your concern in this matter. J. Phillips 3-31-82

MEMO

• JEFF BRUNING
 T O LARRY PHILLIPS
 DAVID MAULDIN

FROM

LARRY ADDISON/LII

IN-PROCESS CLOSE OUT OF DR/NCR'S - APR 02, 3.16 R/11 3-30-82

DR/NCR'S ARE SOMETIMES CLOSED IN-PROCESS WITHOUT NOTIFICATION TO FIELD QUALITY PERSONEL AND, CONSEQUENTLY, WITHOUT REMOVAL OF THE HOLD TAG FROM THE ITEM. THIS POSSIBLY RESULTS FROM A FAILURE TO ADHERE TO PAR. 3.16.3 THIS PRACTICE GENERATES CONFUSION AND INEFFICIENCY IN THE FIELD AND CREATES INACCURACY IN QUALITY TAG LOGS AND TAG AUDITS. IT ALSO INITIATES A POTENTIAL SITUATION WHICH COULD RESULT IN AN AUDIT FINDING AGAINST THE QUALITY DEPT. IN THAT A FIELD ITEM CARRIES AN "OPEN" TAG REFERENCING A CLOSED DR/NCR. ATTACHED IS AN EXAMPLE; IND 8703P FROM WHICH THE DR TAG # 29092 WAS PULLED AND DESTROYED SAT, 3-26-82. IN LIGHT OF PREVIOUS TAG RELATED PROBLEMS I FEEL THIS SITUATION WARRANTS YOUR ATTENTION AND CORRECTIVE ACTION, THANK YOU.

FORWARD PARTS ONE AND THREE TO PERSON ADDRESSED

Responsible Supervisor:

DATE 2-17-82

REINSPECTION:

REWORK SATISFACTORY ☒

REWORK UNSAT ☐

REJECT ☐

SNH

DATE

Q.C. INSPECTOR

DATE

DISCIPLINE Q.C. ENGINEER

DATE 3-3-82

DISTRIBUTION:

PROJECT MANAGER	DOCUMENT CONTROL	BECKTEL SITE LIAISON	SNUPPS
CONST. MANAGER	ORIGINATOR (2) *	KGGE SUPT. OF NUC DEVEL.	* Duplicate (2)
ENGR. MANAGER	WAREH. SUPRV	ISBL SITE LIAISON	KGGE Dir. O.A.
Q.A. MANAGER	PURCH. AGENT	IDE COORDINATOR	



DEFICIENCY REPORT

PAGE 1 OF 1
NO. IND8703P

NON code DWG/ISO X-M06 1231

SPEC/PROC. WP-VII 209 para. 3.16, 3.19
REV. 9



NS ☒ II/I

System LF

DATE 12-01-81

Purchase Order/Traveler No. A-M06 1231

DESCRIPTION: Weld sheets (S-101H) for C205/123 (II/I) are misnumbered; H-5 A,B,C,D, do not refer to a sheet H-5, each contains weld numbers that appear on no other sheets. Neither S-101 H heading block nor hanger suffix shows this to be a II/I hanger but the design sheet (drawing : page 1 of 2) shows this to indeed be a II/I item. Action Taken to Control Deficiency: Ref: LSD-8601 M

Hold tag attached to traveler, S/N: 29092
Aux. Traveler Station ("A"). DN AFFECTED SHEETS

ORIGINATOR R. D. MURPHY DATE 12-01-81 QCE Tom Felt ASQS DATE 12-2-81

DISPOSITION: & Justification:

REWORK ☐

N/A

REJECT ☐

Cause of Deficiency and Action to Prevent Recurrence:

Project Discipline Engineer N/A Date

AUTHORIZED INSPECTOR _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): N/A

ACTION TAKEN:

HANGER BUILT PER TRAVELER ~~REV 2-17-82~~ ~~REV 6~~ PROCEDURE
WP-III-209 REV 6, DR WRITTEN PER REV 9
NO DEFICIENCY EXISTS - CLOSE IN PROCESS

Responsible Supervisor: [Signature] DATE 2-17-82

REINSPECTION:

REWORK SATISFACTORY ☒

REWORK UNSAT ☐

REJECT ☐

SHM [Signature]
DATE

Q.C. INSPECTOR [Signature] DATE 3-2-82

DISCIPLINE Q.C. ENGINEER [Signature] DATE 3-3-82

DISTRIBUTION:			
PROJECT MANAGER	<input checked="" type="checkbox"/>	DOCUMENT CONTROL	<input checked="" type="checkbox"/>
CONST. MANAGER	<input checked="" type="checkbox"/>	ORIGINATOR (2)	<input checked="" type="checkbox"/>
ENGR. MANAGER	<input checked="" type="checkbox"/>	WAREH. SUPERV	<input checked="" type="checkbox"/>
C.A. MANAGER	<input checked="" type="checkbox"/>	PURCH. AGENT	<input checked="" type="checkbox"/>
		BECHTEL SITE LIAISON	<input checked="" type="checkbox"/>
		KGBE SUPT. OF HUC DEVEL.	<input checked="" type="checkbox"/>
		S&L SITE LIAISON	<input checked="" type="checkbox"/>
		D.R. COORDINATOR	<input checked="" type="checkbox"/>

CONFIDENTIAL

DEFICIENCY REPORT

PAGE 1 OF 1

NO. 15D56401

DATE 12/15/80

DWG/ISO I 1703 B1092

SPEC/PROC. QCP-III-201

BECHTEL 10466-01-201

S ☒

NS ☐

System P/K

Purchase Order/Traveler No. I 1703 B1092

DESCRIPTION: GEW FORMATION RW-26 WAS FOUND DEFICIENT OF CLEANLINESS
LEVEL C DUE TO SLUG INSIDE PIPE.

Action Taken to Control Deficiency:
BLD 741 E-2034 3' S of R4
PLACED Q.C. HOLD TAG # 23097

ORIGINATOR Edward A Yates DATE 12/15/80 QCE Jim B. Ham DATE 12/15/80

DISPOSITION & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer

Date

Potential 50-55e/Part 21

Yes ☐ No ☐

Site Approval Title Date

AUTHORIZED INSPECTOR

DATE

ROUTE TO (FOR CORRECTIVE ACTION):

CODE

ACTION TAKEN:

closed in process - formation
is now "D" and will be addressed
from Engr. Dept.

Responsible Supervisor:

Jim B. Ham

DATE 1-15-81

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK SATISFACTORY ☐

REJECT ☐

SNN

DATE

Q.C. INSPECTOR

DATE

DISCIPLINE Q.C. ENGINEER

Jim B. Ham

DATE 1-15-81

DISTRIBUTION:

	Field	X	TRA. CAGE	X	I. James	X
PROJECT MANAGER	X	DOCUMENT CONTROL	X	BECHTEL SITE LIAISON	X	SNUPPS
ST. MANAGER	✓	ORIGINATOR (2)	X	EDGE SUPT. OF RUC DEVEL	X	L. Yates (2)
SR. MANAGER	✓	WAREH. SUPRV	X	IS&L SITE LIAISON	X	EDGE Dir. Q.C.
Q.A. MANAGER	✓	PURCH. AGENT	X	D.R. COORDINATOR	X	B. Seabury
			X	EDGE MGR. Q.A.	X	L. Bruner
			X	W. Reinier	X	

ATTACHMENT (34)

DEFICIENCY REPORT

PAGE 1 OF 1

NO. _____

DATE 8-5-81

DWG/ISO

XMOD KAIZ Rev 4

SPEC/PROC.

QCP VII 201 4.1.1
QCP VII 201 4.3.1
WP VII 208 4.19

BECHTEL 10466-M-209 5.5.1

System KA

Purchase Order/Traveler No. XMOD KAIZ



NS



DESCRIPTION: THE DIMENSIONS GIVEN ON THE MOD KAIZ REV3 PLACE HANGER R501 AT EL. 2055' 5 1/2". THE MOD KAIZ REV4 PRINT AND THE SYSTEM HANGER NUMBER ON THE HANGER BOTH IDENTIFY THE ITEM AS KAIZ R501/241. EL 2055 IS LOCATED AT BLA 251 AND NOT 241. THEREFORE HANGER R501 Action Taken to Control Deficiency: IS NOT IDENTIFIED PER ABOVE PROCEDURES.

BLA 251 ↑
BLA 241 ↓

LOCATION: 20' 5 E, 42' W E EL. 2055
Problem was identified during fit-up inspection.

QC HOLD TAG 24628 INSTALLED ON HANGER R501 AND STORED ON PALLET AT 300' AE ON EL. 2047.

ORIGINATOR Fred D. Adk DATE 8-5-81 QCE _____ DATE _____

DISPOSITION: & Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer _____

Date _____

Potential 50-55c/Part 21

Site Approval Title Date

AUTHORIZED INSPECTOR _____ DATE _____

ROUTE TO (FOR CORRECTIVE ACTION): _____

ACTION TAKEN: THIS PROBLEM HAS BEEN ADDRESSED BY "NDN-Q" INSPECTORS (ED SHEVLIN) HANGER IS NOW REMOVED FROM THE WALL.

(REF: WP VII 208 PAR. 1.2) WE DO NOT INSPECT "NDN Q" SUPPORTS PER REF. ABOVE, ONLY THE SAFETY RELATED EMBL OR STRUCTURAL steel IS OUR CONCERN.

(SEE SUPERVISOR NOTES DATED 8-6-81 NPTG 6)
Responsible Supervisor:

PLEASE PULL TAG.

[Signature] DATE 8-10-81

REINSPECTION:

REWORK SATISFACTORY ☐

REWORK UNSAT. ☐

REJECT ☐

SNR _____

DATE _____

C.C. INSPECTOR _____

DATE _____

DISCIPLINE Q.C. ENGINEER _____

DATE _____

REVISION:

PROJECT MANAGER	X	DOCUMENT CONTROL	PROJECT SITE ENGINEER	GROUPS
C.C. INSPECTOR	X	ORIGINATOR	PROJECT MANAGER	
ENGR. MANAGER	X	MANAGER, SUPPLY	PROJECT SITE ENGINEER	
C.A. MANAGER	X	PURCH. AGENT	PROJECT SITE ENGINEER	
			PROJECT SITE ENGINEER	
			PROJECT SITE ENGINEER	

ATTACHMENT (35)

AICO

UTILITY FORMS

REORDER SNAP-ETM FOR
NO. 45001 250/CTN-45002 50/P
3PART

MEMO

• CHUCK GOINS
TO BILL FLINT
LARRY PHILLIPS

FROM

LARRY ADKISON

SUBJECT

HANGER REINSPECTION CRITERIA

DATE

2-23-82

MESSAGE

PLEASE CLARIFY THE PERTINENT CRITERIA USED FOR
HANGER REINSPECTION. WHAT EXACT PROCEDURE ARE
WE TO USE WHEN PERFORMING HANGER REINSPECTION?
YOUR ATTENTION TO THIS WILL CLEAR UP SOME QUESTIONS.
THANKS,

Larry Adkison
SIGNATURE

TO

DATE

REPLY

Some of the information you requested above, can be answered
by Jeff Browning. At the present time, I'm in the process of getting
some guide lines dealing with Hgr inspections approved by Ira and the
GCE Engineers. When I have that approval, the information will be
distributed.

Harry W. Phillips
SIGNATURE

45001 250/CTN-45002 50/PKG

FORWARD PARTS ONE AND THREE TO PERSON ADDRESSED

SIGNATURE

PRINTED IN U.S.A.

WC-AP-077.2-1

REV 11/30/91



DEFICIENCY REPORT

PAGE 1 OF NO. DATE 2-20-82

CODE

DWG/ISO XM20 EMO3 Rev. 0

SPEC/PROC

QCP III 200 Rev. 9 APP. IX Rev. 0SYSTEM EMO3NS ☐PAR. II F
PHR. III APURCHASE ORDER / TRAVELER NO. XM06/EMO3-C057/2324

DESCRIPTION: ABOVE HANGER WAS VISUALLY INSPECTED WITH THE FOLLOWING DEFECTS NOTED TO BE IN VIOLATION OF ABOVE PROCEDURE:

W1 UNDERSIZE $\frac{1}{8}$ " x 16"W5 ARC STRIKE $\frac{1}{16}$ " x $\frac{1}{8}$ "

W9 > NO WELDER "D" #

W14

BLA 232

2' N. E

34' E. E

EL. 2001

ACTION TAKEN TO CONTROL DEFICIENCY:

QC HOLD TAG 27725 APPLIED TO HANGER.

ORIGINATOR LARRY ADKIN/L4DATE 2-20-82PQE DATE

DISPOSITION & JUSTIFICATION:

REWORK ☐JECT ☐

/ PART 21

TITLE

DATE

CRUCIAL — WHEN INSPECTORS ARE ASSIGNED HANGER WELD RE-INSPECTION THEY NEED TO GO TO THE FAB SHOP FOR UP-DATING + BRIEFING. THIS WOULD ELIMINATE THE ABOVE. 2.23

CURREN

During the reinspection of hars. the welders D-number is not required to be At the weld. When welds are cleaned up conceivably the D-number could be defaced. D-Numbers are required to be at the welds At time of the fit-up And the initial Final Visual, But, on Reinspection Activities it is Not. LP

RESPONSIBLE SUPERVISOR DATE REINSPECTION: REWORK SATISFACTORY ☐REWORK UNSATISFACTORY ☐REJECT ☐SNN DATE QUALITY INSPECTOR DATE PQE DATE

DISTRIBUTION:

JECT MANAGER	DOCUMENT CONTROL	BECHEL SITE LIAISON	SNUPPS
ONST. MANAGER	ORIGINATOR	KG & E CONST. MANAGER	
DISC. ENGR.	WAREH. SUPPLY	S&L SITE LIAISON	KG & E MGR. QA (SITE)
Q.A. MANAGER	PURCH. AGENT	D.R. COORDINATOR	

NONCONFORMANCE REPORT (NCR)

Page 1 of

Project Name/Number

Action Rqd By:

Control Method

Q

R

NCR Number

Wolf Creek

7158

NCR HOLD
TAG # 7449

X

Identification of Area and Item

System ID - EP02

BLA 232 16'S. E, 48'E. E EL. 2002

Traveler No. IM03 EP02

IM03 EP02 5006 AT F013

12" CLASS 2 STAINLESS STEEL INSTALLED.

Controlling Documents

QCP VII 201 3.13 REV. 9

UP VII 201 3.5 REV. 10

CWP 507 APP. I N. 88 REV. 2

BECHTEL MS-6 REV. 5

BECHTEL 10466 MS 204 APP. G REV. 2

Description of Nonconformance

DEPTH OF COUNTERBORE IS EXCESSIVE.

REQUIREMENTS ARE THAT DEPTH SHOULD EQUAL $1" + \frac{1}{8}" - \frac{1}{16}"$.

COUNTERBORE DEPTH MEASURES 2".

Bill Flint ASDS 11-20-81

LARRY J. ADKINSON MW QC LH 11-17-81

Originator

Title

Date

Recommended Disposition & Basis for Recommendation:

- ☐ Rework
☐ Repair
☐ Use As Is
☐ Reject

This is not shown in the
 IN service inspection
 scope. IAW J. Johnson
 PPE LTR at 11-19-81
 No Deficiency exists
 Per Bill Flint
 Tom Hensley

Cause of Nonconformance and Action to Prevent Recurrence:

☐ AUTHORIZED NUCLEAR
 INSPECTOR

Action Taken to Control Nonconformance:

QC HOLD TAG # 7449 INSTALLED ON 5006

POTENTIAL 50.55(E) / PART 21

YES ☐ NO ☐

Route To For Corrective Action

Statement of Completed Action

stainless
pipe.

Site Approval

Title

Date

ATTACHMENT (37)

Action of Competent

Title

KEE M. QA

Action Verified

F. Bruner

Title

Distribution

Snuggs
 [Signature]
 [Signature]

KGE Dir. QA
 KGE Dir. Nuclear Dev.
 Originator (2)

C. Sijder
 CC
 Civil Field

J. [Signature]
 M. [Signature]

CONFORMANCE REPORT (NCR)

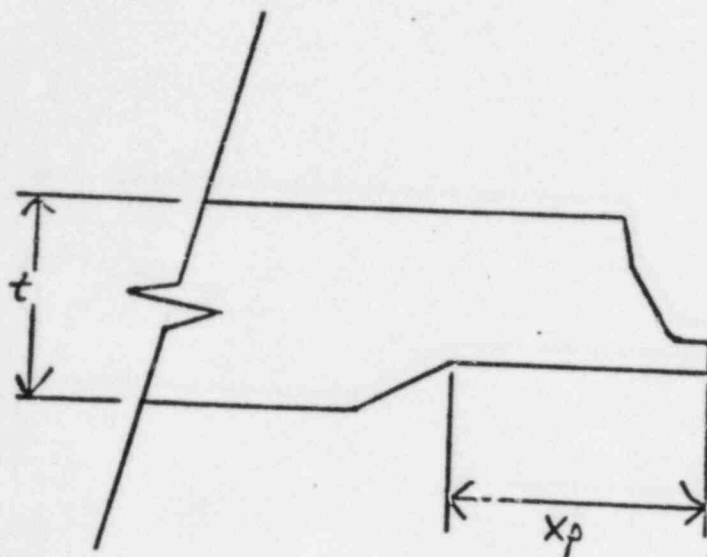
Continuation Sheet Page ___ of ___

PROJECT NAME/NUMBER

Action Rqd By:

NCR Number

WOLF CREEK - 7158



$$t = 1.000"$$

$$X_p = 2"$$

PROCEDURE REQUIREMENTS ARE AS FOLLOWS:

$$X_p = t - \frac{1}{16} + \frac{1}{8}$$

LDA/LH

11-17-81

D' NCR NUMBER 1528552A

Original Routed

to for Disposition:

By:

Date:

Remarks, if applic.:

QDS Routing Slip

This is for information only,
not a QA Record.

() Work Copy

Routed to:

By:

Date:

Remarks, if applic.:

() Work Copy

Routed to:

By:

Date:

Remarks, if applic.:

() Work Copy

Routed to:

By:

Date:

Remarks, if applic.:

() Work Copy

Routed to:

By:

Date:

Remarks, if applic.:

~~ACCOUNTING~~

COMPUTER

PURCHASING

CREEL

SNUPPS

ACCOUNTING

F. Harrell

TURNOVER

PRIGEL

CALLAWAY

JECK MAYS KG&E

Jeff Brownir

ATTACHMENT (38



NONCONFORMANCE REPORT (NCR)

PROJECT NAME/NUMBER

Wolf Creek 7158

ACTION REQ'D BY

2-13-83

CONTROL METHOD

Hold Tag No. 11692

Q

N

NCR NUMBER

1508552 PW

IDENTIFICATION OF AREA AND ITEM

EG14-C001/242

E1 2032'-4"

25'3"S

40'3 1/4"E

CONTROLLING DOCUMENTS

QCP VI 204 R/S

WP VII 208 R/X

Code

SYSTEM ID EG

TRAVELERS NO.

XMOG EG14 C001/2424

DESCRIPTION OF NONCONFORMANCE

Item 1 near bracket location
will not allow strut to meet
2" tolerance. This violates
the above procedure.

<u>Vann W. Phillips</u>	<u>fourm.</u>	<u>2-10-83</u>
<u>Mark H. Sills</u>	<u>COE</u>	<u>2-9-83</u>
ORIGINATOR	TITLE	DATE

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

SEE PAGE 2

- ☐ REWORK
- ☐ REPAIR
- ☒ USE AS IS
- ☐ REJECT

CATEGORY A

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENCE:

SEE PAGE 2

2-13-83
AUTHORIZED NUCLEAR INSP

ACTION TAKEN TO CONTROL NONCONFORMANCE:

SEE CONTROL METHOD

<u>2/13/83</u>	<u>James T. Bower</u>	<u>FOR IDN, PDE</u>	<u>2/13/83</u>
POTENTIAL 50.55(E) / PART 21	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

<u>Ch McDonald</u>	<u>HES</u>	<u>2/12/83</u>
<u>J. P. G. Sills</u>	<u>PDE</u>	<u>2/13/83</u>
SITE APPR.	TITLE	DATE

① ROUTE TO FOR CORRECTIVE ACTION:
Bechtel W. Brown Bill Melvin P.S.S.

STATEMENT OF COMPLETED ACTION:

ACTION COMPLETED
DISTRIBUTION:

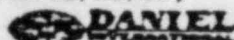
TITLE

DATE

ACTION VERIFIED

TITLE

DATE



NONCONFORMANCE REPORT (NCR)

Project Name/Number

WOLF CREEK - 7158

Action Rqd By:

2-14-83

Continuation Sheet Page 2 of 2

NCR Number
15N8552 PW

~~15N 8568 PIW~~ WC/B
2-12-83

Recommended Disposition

Use As Is.

Basis for Disposition

The 2° tolerance for alignment is exceeded by less than 0.5 degrees ($< 0.5^\circ$). Movements, as shown on mow dwg, will not be impaired.

Cause of Nonconformance and Action to Prevent Recurrence

The location of the rear brackets does not allow the sway strut to be within the 2° tolerance that is allowed. Craft failed to properly lay out support to prevent this violation. Craft ^{WC/B 2-12-83} ~~Supp~~ superintendent shall instruct craft to lay supports out properly prior to completing a weld.

WC/B
2-12-83

WC/B
2-13-83



NONCONFORMANCE REPORT (NCR)

PROJECT NAME / NUMBER

ACTION REQ'D BY

CONTROL METHOD

Q

N

NCR NUMBER

Wolf Creek - 7158

2-13-83

11692

X

1SN8552PW

DISPOSITION:

IMPACT STATEMENT INCLUDED ☐ YES ☒ NO ☒ APPROVED AS RECOMMENDED☐ DISPOSITION REVISED AS FOLLOWS:

The recommended disposition to use the subject support "as installed" will not affect the integrity or operability of the system and is considered acceptable.

All work performed should have been done in accordance with approved procedures and Specification 10466-M-204.

This NCR coordinated with B. Gwin, Plant Design Supports, of Gaithersburg and K. Harris on February 15, 1983.

Handwritten signature
2/16/83

DOCUMENTS TO BE REVISED:

None

SNUPPS UNITS	1	2
APPLICABLE (V)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Handwritten signature
S. S. Newcomer
Asst. Lead Liaison Engineer

FEB 15 1983

APPROVAL

TITLE

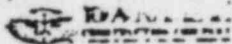
DATE

N/A
SNUPPS OR UTILITY APPROVAL

N/A
TITLE

N/A
DATE

DISTRIBUTION:



NONCONFORMANCE REPORT (NCR)

PROJECT NAME/NUMBER

ACTION REQ'D BY

CONTROL METHOD

C.N.

NCR NUMBER

48722

Wolf Creek 7158

IDENTIFICATION OF AREA AND ITEM

I-M03-BG23 (Q) ECR-05

TRAVELER STATION (A)

SYSTEM ID BG

CONTROLLING DOCUMENTS

I-M03-BG23 (Q) ECR-05 R12

WP-11-209 R12 PARA 3.16 & 3.20

TRAVELERS NO.

BG23 (Q) ECR-05

DESCRIPTION OF NONCONFORMANCE

Paper Work Improperly Revised.

WCR sheet 2 of 5 shows 3 REVS. ON SAME SHEET

WCR sheet 3 of 5 shows 2 REVS ON SAME SHEET

BOM sheet 4 of 5 shows 2 REVS ON SAME SHEET

This is in violation of above Ref procedure

Condition was found by visual inspection.

4/9-27-82

by me 4/9-27-82

The above referenced procedure does not address the revision of weld control records on the same sheet.

RECOMMENDED DISPOSITION & BASIS FOR RECOMMENDATION:

REWORK

REPAIR

USE AS IS

REJECT

SEE REV. 2

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

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4/11-29-82

4/11-29-82

R7M-Cum- SQS 8-5-82

ORIGINATOR TITLE DATE

REWORK

REPAIR

USE AS IS

REJECT

SEE REV. 2

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENCE:

SEE REV. 2

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

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4/11-29-82

4/11-29-82

4/11-29-82

4/11-29-82

ROUTE TO FOR CORRECTIVE ACTION:

D. UNDERWOOD

STATEMENT OF COMPLETED ACTION:

NCR NUMBER HAS BEEN NOTED C.N. SHTS: 2 of 5, 3 of 5 and 4 of 5 Per Rev. 2 Disposition.

ACTION COMPLETE

TITLE

DATE

ACTION VERIFIED

TITLE

DATE

DISTRIBUTION:



NONCONFORMANCE REPORT (NCR)

Continuation Sheet Page of

PROJECT NAME/NUMBER <u>WP III-209</u>	ACTION REQ BY: <u>9-30-82</u>	NCR NUMBER <u>15N 5716 P</u>
------------------------------------------	----------------------------------	---------------------------------

PER REVISION 2, 9-29-82

DISPOSITION:

NO DOCUMENTATION DEFICIENCY EXISTS WITH RESPECT TO ECR SHEET REVISIONS NOTED ON DESCRIPTION. CURRENT WP III-209 DOES NOT ADDRESS REVISION WELD CONTROL RECORDS ON SAME SHEET AND WHEN THE WELD CONTROL RECORDS IDENTIFIED WERE REVISED THE REVISION OF THE SHEETS WERE ALSO CHANGED TO INDICATE THE CORRECT REVISION. EACH SHEET HAS A UNIQUE REVISION NUMBER PER WP III-209, 3.16; ALSO SUPERCEDED SHEETS HAVE BEEN PROPERLY STAMPED PER WP III-209, 3.20. ^{11/1/82}
ENGINEERING SHALL NOTE THIS NCR NUMBER ON EACH OF THE REVISED SHEETS NAMED IN THE DESCRIPTION OF THIS REPORT, ON THE FIELD COPIES, IN TRAVELER I-11238625(Q). ^{11/1/82}

BASIS:

WP III-209 REVISION 12 DOES NOT ADDRESS, SPECIFICALLY, THIS TYPE OF REVISION EVEN THOUGH THE FORMS DO INCLUDE INFORMATION, APPROVAL, AND REVISION NUMBER BLOCKS FOR THAT PURPOSE. NO DOCUMENTATION DEFICIENCY EXISTS. ^{11/1/82}

CAUSE OF NONCONFORMANCE AND ACTION TO PREVENT RECURRENT:

MISUNDERSTANDING OF SHEET REVISION REQUIREMENTS OF WP III-209 REVISION 12. ADDITION CLARIFICATION OF SHEET REVISION REQUIREMENTS, IF NECESSARY, SHALL BE INCORPORATED IN WP III-209 FUTURE REVISIONS. ^{11/1/82}

PC-AP-077.2
Rev. 4/14/82

Nonconformance Report

Change Sheet

Date: 9-29-82

Revision: 2

NCR/DR = 15N 5716 P

Description and Justification for Change(s)

SEE ATTACHED SHEET FOR REVISED DISPOSITION
ALSO DELETE "NA" UNDER "CAUSE OF NONCONFORMANCE
AND ACTION TO PREVENT REURRENCE:"

DELETE "NA" ADJACENT TO (TO RIGHT SIDE OF) "REPAIR,
USE AS IS" BLOCKS.

SEE ATTACHED SHEET FOR "CAUSE OF NONCONFORMANCE AND ACTION
TO PREVENT REURRENCE."

BASIS: DISPOSITION REVISED BECAUSE QUALITY REVISED
DESCRIPTION OF NONCONFORMANCE.

Don Chidwick, P.E. 9-29-82
Originator - Title - Date

James Colby, P.E. 9/29/82
Review and Concurrence

J.C. Hill, P.E. 9/29/82
Concurrence - Title - Date

Don Chidwick, P.E. 9-29-82
Concurrence - Title - Date

Don Chidwick, P.E. 9/29/82
Concurrence - Title - Date

NA
Concurrence - Title - Date 9-29-82

NA
Concurrence - Title - Date 9-29-82

NA
Concurrence - Title - Date 9-29-82

Distribution *

WC-AP-077.2
(4/14/82)

Nonconformance Report

Date: 9-16-82

Change Sheet

Revision _____

(NCE)/DR = 15NS716 P

Description and Justification for Change(s)

DELETE PARAGRAPHS 3.16 + 3.20 ALSO DELETE SENTANCE
"THIS IS A VIOLATION OF ABOVE REFERENCED PROCEDURE."
ADD THIS STATEMENT IN THE DESCRIPTION - "THE ABOVE
REFERENCED PROCEDURE DOES NOT ADDRESS THE REVISION OF
WELD CONTROL RECORDS ON THE SAME SHEET.

Marshall D. Sutton M/WCC 9-16-82
Originator - Title - Date

Clay W. Phillips OS/NW 9-17-82
Review and Concurrence

R. M. C. S. S. S. 9-16-82
Concurrence - Title - Date

R. S. ANI 9-12-82
Concurrence - Title - Date

William W. S. S. S. 9-12-82
Concurrence - Title - Date

NA
Concurrence - Title - Date

NA
Concurrence - Title - Date

NA
Concurrence - Title - Date

Distribution *

DRAWING NO. I-10-017131(6)-01 WELD NO. EW/SLR WELD POSITION 2C
 COMPONENT/SUBASSEMBLY IDENTIFICATION NO. FC003 4009 22-82
 BASE MATERIAL SPECIFICATION NO. SA312, TC304; SA351, CF8
 JOINT SIZE 3/4" WALL THICKNESS 113 CODE ASME CLASS 2
 WELDING PROC. N-E-P-E-1 REV. 1 WELDING PROC. 1 REV. 1
 WELDING PROC. N-E-P-E-1 REV. 1 WELDING PROC. 1 REV. 1

TYPE OF WELD ROD		NDE-HEAT TREAT & HOLD POINTS	
E 308	E 7018	A LIQUID PENETRANT	B MAG PARTICLE INSP
E 308L	E 70S-2	C RADIOGRAPHIC INSP	D ULTRASONIC INSP
E 316	OTHER	F. PREHEAT 50 ° F.	
E 309L	OTHER	HOLD POINTS 6-1750	

BY	DATE	APPR	DATE	REV	REFERENCE	BY	DATE	APPR	DATE	REV	REFERENCE	BY	DATE	APPR	DATE	REV	REFERENCE
J. K.S.	6-1-78	J. K.S.	3/15/80	1	NEW YORK, N.Y. on RECEIVED 1/1/80	J. K.S.	6-1-78	J. K.S.	6-1-80								

WUO SERIAL NO.	HEAT CODE	WUO SERIAL NO.	HEAT CODE	WELDER	—	SYMBOL
----------------	-----------	----------------	-----------	--------	---	--------

3774.37	DH1471A301			D. Phil	D-302
3929.25	A3547A304	3929.37	A3547A304	D. Phil	D-302
3929.73	A3547A304	3929.80	A3547A304	D. Phil	D-302
3901.84	A3547A304	3901.87	A3547A305	D. Phil	D-302

TRAINING
USE ONLY

[illegible]

TEST METHOD	N. D. E. RESULTS				COMMENTS
	REPORT NO.		DATE		
	ACCEPTED	REJECTED	AI	DATE	
RT	✓				151308Z FEB 82 FOR INFO ONLY 200 0000
MT			NEW	1988	LINE VERIFIED IN DCE/LP/AD AND FID PRET/CLEANLINESS EMT 50/10 100
LP					NO DATE USE
UT					151604100 TO 151607 0000 100 0000

N. D. E. VERIFIED BY: San. G. Garcia

DATE 3/13/82

P.W. I.T. 10 CHART NO. 10

REV. 30-1

N. C. E. VERIFIED BY SC [Signature] [Signature] DATE 3/15/84



DEFICIENCY REPORT

PAGE 1 OF

NO.

DATE 21 NOV 81

DWG/ISO C-M-DSBG25Q-02

SPEC/PROC. WPRII-200

Para 3.9

System BG

Purchase Order/Traveler No. PMSBG25Q-02

NOTE
☒NS ☐

DESCRIPTION: Piece # 217, 1" sch 160 ss pipe on SP43 was counter bored to sch 40 pipe. NOTE 5 of the D-1 Sheet indicates that this should be sch 80 pipe counter bored to sch 40. SP43 has an open Deficiency Report (ISD7370mw) against it for undersized socket welds. (SEE continuation sheet).

Action Taken to Control Deficiency:

Placed Held TAG # 29266

ORIGINATOR

Ron Watson

DATE 11-21-81

QCE

DATE

DISPOSITION: Justification:

REWORK ☐

Cause of Deficiency and Action to Prevent Recurrence:

REJECT ☐

Project Discipline Engineer

Date

Potential 50-55e/Part 21
YES ☐ NO ☐

Site Approval Title Date

AUTHORIZED INSPECTOR

DATE

ROUTE TO (FOR CORRECTIVE ACTION):

ACTION TAKEN:

Based on the information above we do not have a procedural violation. We do have a conflict between the D-1 sheet and the B/M, therefore in lieu of a D/R, generate a surveillance report, stating details of the situation.

Responsible Supervisor:

Larry Phillips

DATE 11-24-81

REINSPECTION:

REWORK
SATISFACTORY ☐REWORK
UNSAT. ☐REJECT ☐

SNN

DATE

Q.C. INSPECTOR

DATE

PLINE Q.C. ENGINEER

DATE

CONTRIBUTION:

PROJECT MANAGER	X	DOCUMENT CONTROL		BECHTEL SITE LIAISON	
CONST. MANAGER	X	ORIGINATOR (2) *	X	KG&E SUPT. OF NUC. DEVEL.	X
ENGR. MANAGER	X	WAREH. SUPRV.	X	S&L SITE LIAISON	X
Q.A. MANAGER	X	PURCH. AGENT		D.R. COORDINATOR	X
				KG&E MGR. Q.A.	X

SNUPPS

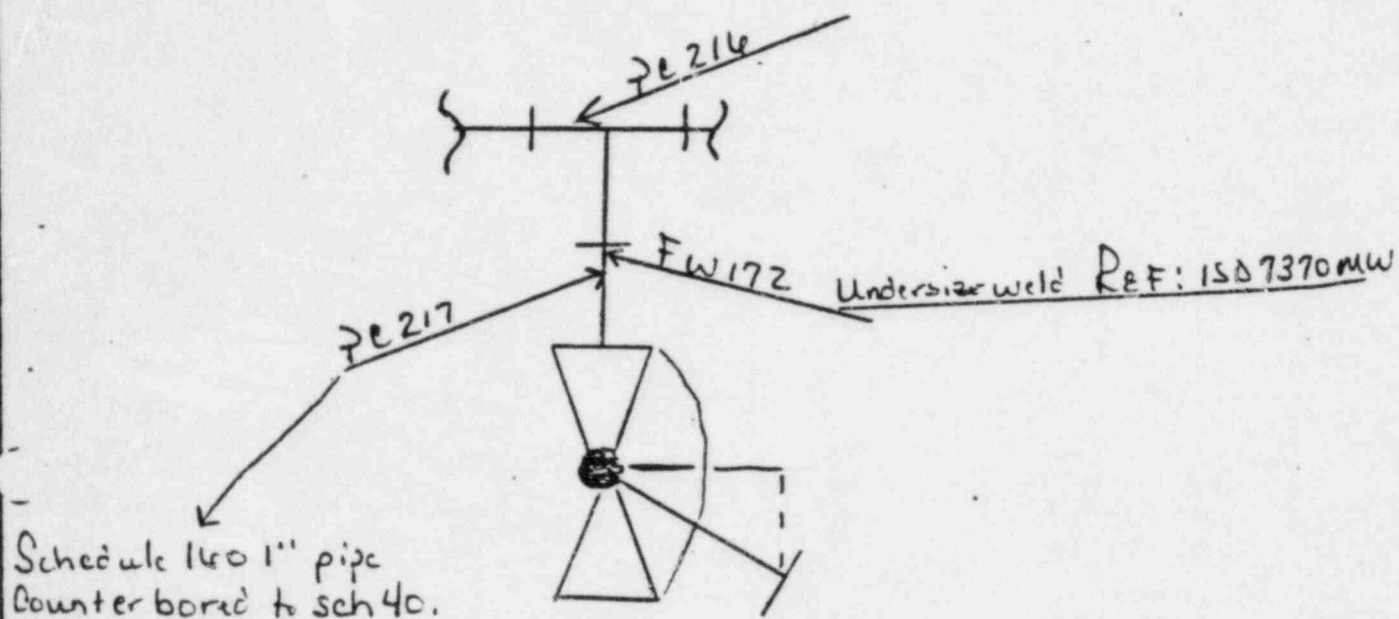
KG&E Dir. O.A.

ATTACHMENT (4)

SUPPLEMENTAL SHEET

DR NUMBER _____

Piece # 217 is joined to piece # 216 by FW172 which is on
 ISD 7370 mw as being undersized. LOCATION: Small Pipe Spool
 Fab Shop lay down yard.



Wolf Creek
Place: Purlington, Kansas

Date: 2-17-83

I, Larry W. Phillips, hereby make the following voluntary statement to H. Brooks Griffin, who has identified himself to me as an Investigator with the U.S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me.

I am presently employed by Daniel International as the Construction Quality Engineer under Ronald McCrawey at Wolf Creek. Prior to this position I worked as a Mechanical Welding Quality Supervisor under the Senior Supervisor, Ira James.

During the summer of 1982, Ira James implemented a policy through his supervisors, that QC Inspectors were to call their lead when they identified a nonconforming condition. The Leads were instructed to substantiate the nonconforming condition and authorize the writing of an NCR, if they agreed with the Inspector, by initialing the NCR. If the lead did not concur with the Inspector's opinion, he was to try and show the Inspector why the condition did not merit an NCR by procedure. If the lead and the Inspector still could not agree the Leads were instructed to sign-off on the inspection. If an Inspector continued to have difficulty in this manner further training could be arranged for him.

Bill Flint, Tom Nevitt, and I were the supervisors under James at that time. I do not know if Flint and Nevitt implemented this policy as I did. I instructed my leads, Dalton Riche and Jeff Brown, to require the Inspectors on their crews to operate under this policy. This policy was in effect on my crew until I was transferred to my

present position. I do not recall any incidents where a lead actually did sign-off on an inspection, but it may have happened.

During my work as a QC Supervisor we regularly used 3 part memos issued to the Inspectors to explain conflicts in procedure such as Quality Control Procedure versus Work Procedure. Memos were also used to document interpretation or clarification of procedures. Memos were also used to instruct Inspectors how they were to inspect according to these interpretations. The use of 3 part memos increased in number during a time when there was a move on within Daniel to curtail the number of Interim Change Procedures. We used these memos to instruct the Inspectors as to how inspections were to be done until revisions of procedure were made.

One memo written by David Mouldin instructed Inspectors to sign-off on hanger locations during Fit up as described by QCP ~~II~~ 200, rather than using 204 which was more demanding. I have a Mechanical Certification, but I believe that a Welding Certification is sufficient to verify location of the hanger at the time of Fit-up.

I do not recall telling any Inspectors they might be terminated if they failed to follow inspection instructions contained in 3 part memos. During one meeting with the Inspectors, I remember an inspector asked if they could include my memos in the traveler package when they signed off on an inspection using the instructions in the memo. I told the Inspector that memos were not to be placed in the traveler, but they could keep a copy of the memo if they felt they needed it to cover themselves.

On another occasion following a WF III 209 Traveler class, I told an inspector named Marshall Sexton, who was having trouble with some instructions concerning traveler documents during inspection, that until the documents interfered with him performing his inspections, I did not want him to abstain from doing the inspections. The training class had detailed that certain entries were to have been made in the traveler. I told Sexton that if the absence of these entries kept him from performing his inspections, then he should disregard that part of the training class and proceed with the inspections using the past procedures. I talked to all of the other Inspectors on the crew, and they did not seem to have this same problem with the instruction given by training or my instructions. During my discussion with Sexton he told me my instructions were in conflict with training, and he had not been going forward with the inspections. Sexton did not agree with my instructions, but he apparently did follow what I said because I did not hear anymore about it.

(over 1.1.16.200)

I have read the foregoing statement consisting of 3 handwritten/~~typed~~ pages. I have made and initialed any necessary corrections and have signed my name in ink in the margin of each page. I declare that the foregoing statement is true and correct. Signed on 2-17-83 at 11:30 AM

W. J. Hall
SIGNATURE

INVESTIGATOR: H. Burk

WITNESS: _____