

Ydg @ RV - From GENE L. SHAW, HENRY MYERS, JAMES W. LAMARCA

Subject: CHICOS - Kent allegations

10/14/82

BISHOP advised:

We have issued PN 10/13/82.

We have news article ref. HENRY MYERS coming in today, from Los Angeles, CA.

KENT being rep. by some Wash, D.C. attorneys.

^{cont. act. reject}
GAP is involved.

Action Considered by RV

- (1) Interview KENT for all his concerns.
- (2) Need full investigative support.
- (3) Tech. positions in Reg III and V have to be the same. (Engelken)
- (4) Have NIER reaffirm their position on the code. ASME Code.
- (5) Call FITZGERALD/^{WARD} and discuss the matter with him.

KENT (Cont'd.)

10/14/82

GAP is asking for a Congressional audit.

Alliance for Survival — TIM CARPENTER is one person involved. He acts as speaker.

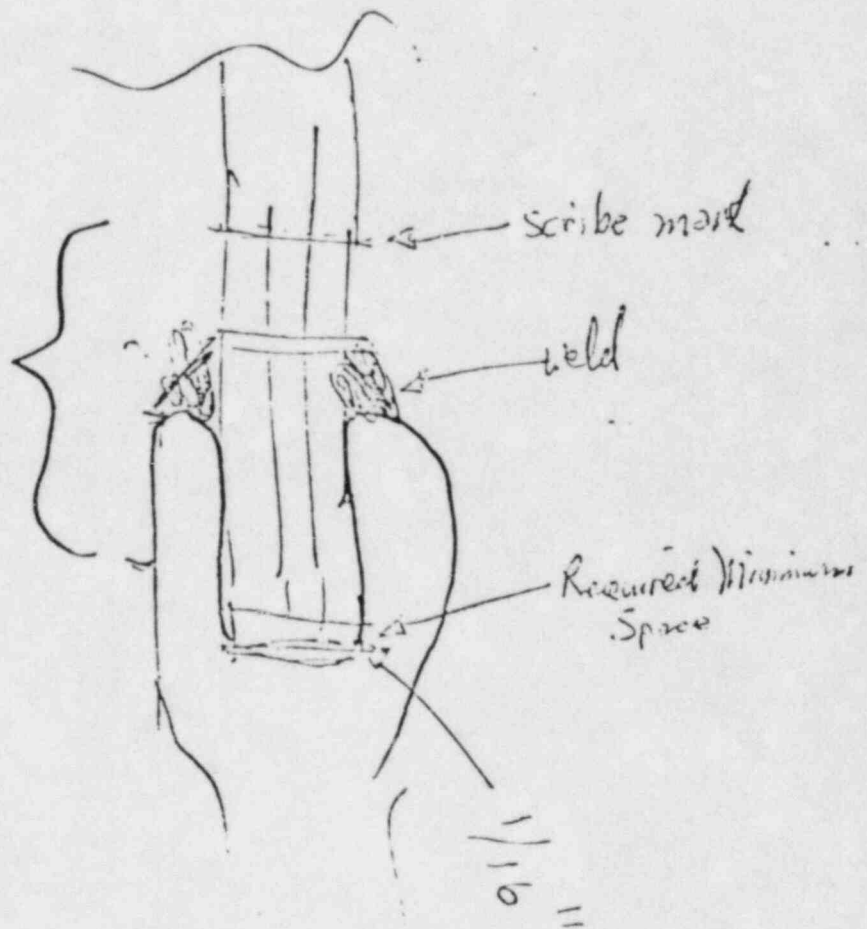
KENT's gripe is technical.

Reporters have raised questions to HANCHETT about KENT's credibility. HANCHETT responded we are looking into his allegations.

Looking for OL in Mid Nov., 1982 on Unit #3 at SONGS.

Quen C. Shackleton Jr

Example of a
Socket Weld



Nuclear Fees Want Congress to Check Wrecking Charges

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 九、
 十、

None of the groups, however, formally requested that Congress act and most considered that their House representatives had the authority to take action upon their requests and that such action would be made within one to three days.

"In addition, said Henry Rogers, whose office is the House subcommittee on energy and conservation, "none of the congressional candidates has the resources to get to the bottom of these issues. . . ."

"The Federal Regulatory Commission is charged with the responsibility of making its going with these public utility companies as far as to hold hearings and bring them to public attention," he said.

"Infinite Power" he wrote, that she hoped to draft a formal request for congressional action by the end of the week.

GAY has been representing L. Earl Kead, a former National Power Corp. employee, since he learned charges were substantiated against at the National Black power plant in 1975. Kead was later found to have been in the plant in 1975. Kead was later found to have been in the plant in 1975. Kead was later found to have been in the plant in 1975.

And maintain the writing
work in general more in touch
with the people and could work in the
direction of cultural safety
work.

The Nation Magazine Con-
tains the full R.H. investigation
of the 1970s US government
of GAP. Not Last Time Coming to
Market. With the New Days.
State Community Energy Action
Network and the Energy Crisis
Alliance for Survival all have and
will be available.

Admission: 2000/-

The Nuclear Regulatory Commission should order an immediate, truly independent audit of all three units at San Onofre, and the Philippines," said Eric Cohen, director of the Alliance for Nuclear

Kearl approached the Alliance last month after his complaints about working week at Blue Granite were raised "unsubstantiated" by Bechtel and Southern California Edison Co., which operates the Blue Granite plant.

[illegible]

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a copy of the original letter, and is signed by Abraham Lincoln.

STANDARD WILSON, Page 4

13 Thursday, October 14, 1957/1958 13

பெரியவர்கள் தங்கள் பிள்ளைகளைப் பற்றி

with the same type of Bill and
Chambers Forest Corp. in Wash.
and the WNC. If there are
problems related to the
fact that they can't get
the Bill.

The United Nations, the British
and the American Governments

Edward "Doc" Nichols also said that Nichols' work in San Onofre was considered to be independent of work in January by a local earth's affiliated with General Atomics Corp. and that no problems were found.

In Orange County, which contains the only other state within the state's emergency evacuation zone, there was little congressional reaction to King's charge.

report and would have no financial
interest in the A. J. S. Co. for the purpose
of the A. J. S. Co. in the A. J. S. Co.
and the A. J. S. Co. in the A. J. S. Co.
and the A. J. S. Co. in the A. J. S. Co.

THE COMMISSIONER OF THE GENERAL LAND OFFICE
HAS BEEN ADVISED BY THE SECRETARY OF THE
NAVY THAT THE FOLLOWING VESSELS ARE
TO BE SOLD BY PUBLIC AUCTION ON THE 15th INST.

A-2

NRC looking at 'bad' welds

LOS ANGELES (AP) — The Nuclear Regulatory Commission is investigating claims by a former engineer who said Wednesday that serious welding flaws at nuclear power plants in San Onofre, and Midland, Mich., pose high safety risks.

NRC spokesman Jim Hanchett confirmed the NRC was looking into complaints made by 56-year-old Elmo Earl Kent of Cypress, a former quality control inspector for Bechtel Power Inc.

Kent claimed he had tried with little success to get the company to rectify

substandard welds in the nuclear power reactors that Bechtel built.

"There is great potential for safety hazard," said Kent, who was fired by Bechtel last March because he failed to pass two oral certification tests.

Kent claimed the welds on piping and electrical system supports are important to the cooling system that keeps reactors from melting.

If the welds fail, he said, the pipes and conduits could break, threatening the cooling system.

S-6

SS chief back on Hanford payroll



lands carry-
interest rate.
was rela-
must have
not of his
out to tear at

to his job he
tract on No.
mechanical
in a special
tractors to

that No. 2
as behind
was com-
ugh way as he
restrictive
the unions
on the WPPSS
red with the
nuclear plants
ation.

1980, Strand's
from \$57,500 to
ld have been
had he been
July.

the five plants
million. Money
PSS 9.23 per-
was staring at

what was to prove a prolonged strike and lockout.

The state legislature had appointed a special auditor to oversee WPPSS' books, the State Senate was planning a formal investigation into the utility, and Bonneville Power Administration was breathing down WPPSS' neck.

So the board asked for, and received, Strand's resignation.

Strand stayed as acting managing director until Bob Ferguson was hired in August 1980. Strand was retained as a consultant.

His last day on the pay books at WPPSS was Feb. 25, 1981.

Herald In Playboy

The Tri-City Herald made the December issue of Playboy.

In the letters to the editor section was that picture of what appeared to be a nude woman strolling down a beach in Hawaii with a man.

It was run in May in a Herald ad by a car dealer offering a free Hawaiian vacation to anyone who bought a new car.

In the original artwork the woman was wearing a bikini. The printing process stripped her of it.

In a subsequent ad, a Herald staffer rather clumsily drew a 1950-style swim suit on the woman.

Tom Franson of Kennewick submitted the before and after shots to Playboy which ran the pictures under the headline, "Cover-up And A Half."

Whistle blown

A Herald story on a Bechtel whistle-blower was like a voice from the past for two Hanford welding engineers.

The story told how the Nuclear Regulatory Commission had launched two full-scale investigations of nuclear plants at Midland, Mich., and San Onofre, Calif., built and engineered by Bechtel.

The investigations were prompted by complaints by E. Earl Kent, a quality control engineer fired by Bechtel, that welding practices at both plants led to "thousands" of substandard welds on critical pipe and electrical supports.

It was deja vu for Don Hetzel, a senior welding engineer with Burns and Roe on Hanford No. 2, and Orville Jones, a welding engineer with Washington Public Power Supply System.

Both worked with Kent at Litton Industries Advanced Marine Technology Division at Culver City, Calif., in 1971.

In fact Hetzel sat on a board of inquiry convened by Litton after Kent sent "a 26-page telegram to President Nixon, claiming that the two ships we were designing and building for the Navy would create a bunch of widows and orphans," said Hetzel.

Hetzel recalls that the telegram was dispatched after Hetzel fired Kent. "We were designing and building military ships with a life of 25 years. We'd specify materials with a life of 30 years and Kent wanted to specify material that would last 100 years."



NEIL STRAND

In one case, Hetzel said, Kent wanted tungsten steel around a turbine exhaust so thick and heavy it would have sunk the ship.

To overcome the problem of ships under construction being distorted by heat from the sun, Kent suggested canvass suspended by barrage balloons to create a shadow, said Hetzel. "We worked it out that with a balloon 3,000 feet high we would get protection for only a few hours in the morning."

When Hetzel fired Kent and Kent sent his telegram to the President, Litton hired Kent back while an inquiry board considered his claims.

When the claims were dismissed, Hetzel said Kent was fired again.

Kent, who is now out of work in Cypress, Calif., confirmed he was fired twice, and that Hetzel had been on the inquiry board. But he said he sent a one-page telegram, and that it was the shadow of the barrage balloon, not a curtain from it, that was supposed to stop distortion. He said he was "framed" for the first firing and that the inquiry board was a setup because it was headed by a man who had been Navy contract administrator when Litton "got millions of dollars in Navy contract work" and when he retired was hired by Litton.

Kent said that was a conflict of interest, and maintains that 9 million pounds of junk steel which was rusting at the time went into the construction of the Litton ships.

The 57-year-old welding engineer said he went to the Alliance for Survival, a California anti-nuke group, when neither Bechtel nor the NRC would listen to him.

When Jones read the Herald story on Kent he called Bechtel to explain Kent's background.

Hetzel has spoken to officials from the NRC, and reporters from Los Angeles and San Diego newspapers about Kent.

But NRC officials said they were investigating the two plants Kent complained about, not Kent himself.

Jim Hanchett, NRC spokesman, said he expects some preliminary finding on the investigation later this week, though the final report won't be released until for a month.

SONGS - Allegations re Welding of pipes by
F. EARL KENT

—*—

Location of Interview: Room 101
Mermaid Inn, Dove Point,

- Billie Garde, G.A.P. to receive copy of the tape request of Mr. KENT.
- Time: Approx. 9:30 am. we met at the motel.
9:45 am. we began actual interview
6:30 pm. Ending time of interview

I asked Mr. KENT to give me his mileage RT from his home in Cypress, CA. I told him I was sure the U.S. Govt. would reimburse him at Govt. rates for mileage.

* 10:08 am. Start of tape #1.

Concerns of MR. KENT:

1. Pipe fitters used pipe cutters to mark pipes in Units 2 and 3. (K's memo)
2. Have some pipes ^{supports} not welded all around on fillet welds. He questions this as being adequate for the seismic area where SONGS is located.
* He doesn't know of any proto type tests of the members welded at SONGS. This includes pipe hangers, supports, etc. Tray hangers are to be included.

Basically, he is concerned with welding all around. He feels the failure to weld all around "it could be a generic problem."

3. Vendor supplied materials did not have adequate root

10:34 am. End tape #1 ~ #340 on counter

10:35 am. Start tape #2

One of the vendors was ZACH. he recalls. He doesn't remember it in Unit 2 and 3. Believes ZACH supplied heat and ventilation equipment. Welding was deemed at one point was inadequate. Someone, other weld was not adequate. Don't recall name of individual who identified the problem.

Could reveal specific action and item but he has seen vendor supplied sample and it
have penetration to the root. He did this by observation. He does not know of any constant
testing of these welds.

He has reason to believe they do not exist based on his observation by experience.

KENT recommends that random samples of the welds be cut thru by back saw to see if there
is penetration of the root.

He didn't get involved with all the vendors. He was basically involved in pipe welding.

He has seen others but he doesn't know who supplied them.

He would like to show us some of the welding he feels is not satisfactory in his opinion.
He also said the codes do not cover these concerns.

He would like to identify them on site. (He was told by KIRSCH NRC could not do this as
NRC doesn't have legal right to do this). This is a matter to be decided by SCE.

Unit #1 - (Where he worked :
- Repair of diesel generator room.

10:00 am. End tape #2

10:02 am. Start tape #3

He wants moisture pressure taken of hydrogen line in Unit #1.

He suggests an independent lab do the test.

He requests an outside lab do the test.

After discussion he understood that NRC could perform the tests.

#5 - (Kirsch's memo) Would be glad to save where ⁶ ^{from Kirsch's memo} ^{required} end return do not
exist on dwp.

#7 - (From Kirsch's memo) Alleged missing spacer plate in the door to Containment
A Mr. MARTIN agreed a spacer plate was necessary. He didn't know if MARTIN requested the dwp.
Clunige Bridge & Iron was the fabricator of the door and he was told CBI furnished the dwp.
CBI fabricated the door.

DON MARTIN was his boss. He doesn't know MARTIN's credentials.
KENT didn't write any NCR he left this to his boss, MARTIN.

*4 - Quality of Rebody Testing Lab is questionable. KENT said that is an under statement. He questioned their work because of their spelling.

In his opinion a lot of their work was unsatisfactory.

He believes they didn't comply with 100% of their requirements.

11:32am. End tape #3 @

11:33am. begin tape #4

New Concerns: (On tape #4)

(1) RIM SKIN thickness (As rolled condition) (ASTM is the applicable code.)

- If we have rim steel at SONGS we have problems.
- He feels we have the burden to determine if we have rim steel at SONGS.
- He stated a lot of this old steel piling is lying around and maybe some of this steel was used at SONGS.

In his opinion the code here should address these items.

He knows of mix ups in steel — but they did fix them.

- To the best of his knowledge A7 was used in pipe hangers.
MTR reports he believes will show A7 steel was used at SONGS.
This is based upon his memory for NS reports.

Doesn't know any Rim Steel was used at SONGS.

Believes MTR will show it was on site.

Doesn't know it was used in SR construction.

12:01pm. 10/15/82 Start tape #5

A7 in pipe supports he believes exists at 21st #1.
Doesn't know if used on SR equipment.

(at that time)
more than at this time
because they are new
plants.

(2) Midway Control Area Floor under by Bechtel - See 10/18

ties found on a unplugged wires inside.

Mentioned he found this once at Peilissies. He called it to the others attention.

No comment re SONGS. He gave this info to RIT.

③ OPEN CRATERS ON SOME WELDS ~

12:28 pm. 10/15/82 End tape #5

During this period KENT went to his car for documentation and the rest of us took care of tel calls and personal matters.

12:47 pm. 10/15/82 Beginning tape #6

④ All thru units 1, 2, 3 there are high crowns on groove welds at SONGS.

⑤ I've seen concave ^{fillet and 90° socket} welds in piping at SONGS he believes do not meet minimum thickness by visual examination. He wants to walk thru the plant. He saw this ^{small bore} piping at Top Mesa for various systems. He mentioned this to his superiors—

DON MARTIN

NICK BESICH

WOODY LAHR

Suggested to me

LAHR

Ask if he saw

Concave welds in socket welds

ANI passed a weld and they when turned over KENT found a needle hole large enough for needle to be dropped in. It was repaired.

He has seen pipes without legs. This is allowed by the code.

He believes he could walk down and find thru-holes in the welds of inadequate thickness.

⑥ VIOLATIONS OF LEVELING IN WELDS AT SONGS.

—Believes there are violations of this nature at SONGS but he can't tell where to look.

1:14 pm. End tape #6

During this period I had to go out and get tapes. I had to drive to San Juan Capistrano to buy them.

ITEMS OF CONCERN

- ⑦ Ident. Tags in Storage - Union area
He ^{has} seen many of these painted over. (Not violation of codes)
Has seen code tag hidden by insulation (Not violation of code)
Has seen them remove loose codes and put them back on. (Nothing wrong w/ this)
-*
- ⑧ Equipment on Turbine Deck he has seen from Ireland (Not safety related)
- ⑨ Cold box ripples.
- ⑩ HILTI BOLTS
- Wanted to know if their chemistry's been checked.
 - Said he had a Hilti bolt given to him and said it was given to him by another party.
 - Obligated not to tell his name. This bolt was broken.

2:18 pm Ended Tape # ~~8~~ 7
2:19 pm Began Tape # 8

He will contact the man who gave him the Hilti bolt and see if he will contact the NRC. JAWOFF told him to have the man call him collect. He said he would.

- ⑩ FISSURES UNDER REACTORS FILLED WITH CONCRETE - RE VOIDS
- Question is was every fissure filled?
 - He only heard from another individual that trucks hauled concrete for one year.

- ⑪ USE OF NARCOTICS
- Heard of two people so out they had to be carried out.
 - Wanted us to interview every employee under oath to get the depth and breadth of the problem.
 - Requested we determine the depth of narcotics use at SONGS
 - No first hand knowledge of drug peddlers or users.

- ⑫ MILL TEST REPORTS
- Wanted to know if the material conforms to the listed chemistry.
 - Legibility is his only problem.

- ⑬ ANCHOR BOLTS UNDER NON-SAFETY RELATED TANKS
- Saw them installed not like the drugs.

RODENTS IN HOLES — Eating electrical cables.

Has seen rodents. Stated rodent chewing cable caused a worker's death.
Wanted to know why rodents couldn't be done away with.
Hasn't seen nibbled cables by rodents.

Units 1 and 3.

He worked all over. He can't recall elevations.

- (15) He has seen splices in beams and girders that he would personally accept.
He can't remember specifics.

3:08 pm. End tape #9

3:08 pm. Start tape #10

ARC STRIKES —

- Knows areas where blemishes were ground down, but not checked to ensure soundness.
- Blemishes are all over. In all 3 units.
- Bechtel procedures are supposed to enforce the code.

(17) REMOVING SLAG FROM WELDS —

Only could talk re: Non SR equipment.

- (18) PDR - 5 Heading — DEFECTS OF WELDING IN REACTOR IN UNIT 3.
See defects of nuclear reactor. Ltr. from SCE to NRC.

(19) Schedule #5 Pipe Used In SR Equipment @ SCIPGS

(20) Dew Point In Welding.

Didn't get results in what he had to do with SCE.
For this reason he has gone to other groups.

(21) Intermittent Welding (1 1/2" length). Outside SR. discussion then ended.

(22) Corrosion on Pipes. Piping in Unit #1 is his question. Not SR piping.

- 10/13/72
- (23) In his opinion the trays are over stressed exclusive of the wire supports. He believes they should be physically tested. He is afraid weld is as strong as the members connecting to it. He said the welds are the weak link in the chain so to speak. Based upon his observations.

4:03 pm. End Tape #11

4:03 pm. Start Tape #12

- (24) CLEANING OF CRATERS IN WELDING - FISSURES IN CRATERS.

He lets we will find craters all over the place

There are on tray hangers with open craters.

He discussed it with his bosses. He did not write NCR's. DON MARTIN was his boss.

He felt he had transferred the burden over to his boss.

He never wrote a NCR on a crater.

He believes there will be a tremendous number of them.

- (25) WELDING INSPECTORS OF RECHTEL ARE NOT KNOWLEDGEABLE IN DEPTH

This is his opinion.

4:33 pm. End Tape #12

4:34 pm. Start Tape #13

I had gotten up and stretched when this occurred.

4:38 pm. Start Tape #13 (Second Tape #13)

- (26) 5:08 pm. Concluded Taped Interview

6-1

1100 CALIFORNIA AVE. SUITE 202, WALNUT CREEK, CALIF. 94596

INVESTIGATIONS
INTERVIEW REPORT

CASE: SONGS - WEDDING ALLEG. BY E. KENT

NAME: KENT ELMO EARL ALA. "EARL"
Last First Middle

Location of Interview: Rm 101 MARINA INN, DANA POINT Date: 10/15/82

Starting Time: 0940 Ending Time: _____

DOB: _____ SS: _____

Address: _____ City: _____ State: _____
number street

Phone: _____
residence work

Time at current job: _____
years months

Prior work experience on nuclear projects:

SITE	EMPLOYER	JOB TITLE	LENGTH
MIDLAND	BECHTEL, ANAHEIM	SR. Q.C. ENGR.	4 mos.
PAISADES	"	SR. Q.C. ENGR.	4-5 mos.
SONGS 1, 2 & 3	BECHTEL, NORFOLK	SR. Q.C. ENGR.	OCT 80 - AUG 81
FLOUR ENGR. IRIANE	→	SR. WELD ENGR	JUN 80 - SEP 80
FOUR ARDUAY RE	VENEZUELA	WELDING ENGR	APR 80 - JUN 80
BOYLE ENGR. CEP, LITTON	FIELD WELDING PASOQUELAH	FIELD WELD INSP. SR. WELD. ENGR.	MAY 79 - MAR 80 2 1/2 YEAR - 1 1/2 YEAR

Job Title: _____

Employer: NOT WORKING AT THIS TIME

Placed under oath by: SHACKLETON

Present from NRC: KIRSCH, SHACKLETON, JOUKAT

Present at Interviewee's request: NONE

Requests Anonymity: ☐ yes ☒ no

INTERNATIONAL
CORPES. SCH.
DIPLOMA IN
STRUCTURAL
ENGINEERING

SUMMARY OF INVESTIGATION-RELATED INFORMATION

FACE SONGS - E.E. KENT	DATE 10/15/82	TIME INITIATED 0940	TIME COMPLETED
TYPE () MEETING (X) INTERVIEW () TELEPHONE CALL COLLECT () YES () NO () OTHER	PARTICIPANTS E.E. KENT, KIRSCH, SHACKLETON, JOUKOFF		
LOCATION MARINA INN, DANA POINT, Rm 101		CALLING NO.	

SUMMARY:

CALL TO BILLY GUARD (PH) OF GAP IN WASHINGTON D.C. COLLECT UPON
ARRIVAL. GUARD WANTED TO KNOW IF WE (NBU) HAD TALKED TO BISHOP
WITHIN LAST HOUR. "BILLIE GARDE" IS CORRECT SPELLING.

1008 HRS - START TAPE.

KIRSCH'S LIST

ITEM 2: DON'T KNOW OF ANY ACTUAL TESTS DONE ON WELDED
JOINTS. -TRAY SUPPORTS FOR EXAMPLE.

I KNOW OF NO REQUIREMENT TO WELD AROUND - ONLY
TO MEET LOADING REQUIREMENTS. BUDEN IS CN DESIGNER.

ITEM 3: KIRSCH ASKING FOR SPECIFICS. ONE OF THE VENDORS WAS
ZACK. ZACK SUPPLIED SOME HVAC EQUIP & SOME
OTHER EQUIP. ANOTHER VENDOR -DON'T KNOW.

I KNOW OF SOME FILLET WELDS WHERE AT THE
ARC STRIKE IT APPEARS THAT THERE IS NOT SUFFICIENT
ROOT PENETRATION.

WITNESS BY

R. J. [Signature]

DATE

10/15/82

PAGE OF

1

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BY FOIA (5 USC 552(b) (2)) AND/OR PRIVACY ACT (5 USC 552a(k)(2))

CONTINUATION SHEET

Case
SONGS - E.E.H.W.T

Case No.
RV-IV-81-

ITEM 4% SHOULD BE BRACKET - NOT SPACER

UNIT 1 - WORKED IN DIESEL GEN. ROOM - WHERE
HAD FIRE. ACCORDING TO KIRSCH - NO HYDROGEN
LINES IN AREA, HYDROGEN LINE GOES TO
ELECTRICAL GENERATOR. KENT WANTS A PICTURE
TAKEN OF THE 1" HYDROGEN LINE AND WANTS
U.T. EXAMINATION DONE

NEW AREAS:

- ① MILD STEEL - NON HOMOGENEOUS MATERIAL
"RIM STEEL" ASTM A-7
- ② OPEN CRACKS

- ③. BECHTEL WQ-2, SHEET 20, SAYS REINFORCEMENT NOT
TO EXCEED $\frac{1}{3}$ " WHEN SHOULD READ $\frac{1}{8}$ ". REINF
OF GROOVE WELDS IS WHAT THIS PERTAINS TO

WRITTEN BY

R. DeKoff
FE

DATE

10/15/82

PAGE

2

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SUMMARY OF INVESTIGATION-RELATED INFORMATION

CONTINUATION SHEET

Case
SONGS F.O.E. KENT

Case No.
RV-IV-81-

I HAVE SEEN CONCAVE FILLET & SCORLER WELDS
@ SONGS. DON MARTIN, NICK BESICH, WOODY LAHR
WERE TOLD ABT CONCAVE WELDS @ JAD MESA
THIS WAS ON SMALL BORE TAPING
KENT BELIEVES THAT HE CAN FIND THESE CONCAVE
WELDS ON A WALK DOWN.

92 PAGE NCR BY BECHTEL - GROSS INADEQUACY OF THE
TABLE - I'M NOT SURE IF THEY FIXED ALL THE
PROBS (WENT BACK & FIXED)

MY BASIS IS THE MAGNITUDE OF THE PROBLEM. DON'T
KNOW ANY MORE, I LEFT.

WRITTEN BY

DATE

PAGE
3

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FOIA (5 USC 552(b)(2)) AND/OR PRIVACY ACT (5 USC 552a(k)(2))

INVESTIGATIONS
INTERVIEW REPORT

CASE: 5-82-021

NAME: MARTIN, DONALD C.
Last First Middle

Location of Interview: NRC R's Office @ SONGS Date: 10-21-82

Starting Time: 7:45 AM Ending Time: _____

DOB: _____ SS#: _____

Address: _____ City: _____ State: _____
new Address number street

Phone: _____ residence (213) 802-1858 Bldg. 45 Norwalk, Conn. Chief
work

Time at current job: 5 years 10 months
on 1/11/82

Prior work experience on nuclear projects:

SITE	EMPLOYER	JOB TITLE	LENGTH
SONGS	Bechtel	QC Construction Contr.	About 5 yrs.
U.S. Navy-	U.S. Navy	NDE Admin Asst.	22 1/2 yrs
		Trained and Cert.	
		Level II for welders	
		work.	

Job Title: Level III for NDE - Senior Quality Control Engineer for Bechtel

Employer: Bechtel Power Corporation

Placed under oath by: SHACKLETON

Present from NRC: DENNIS KIRSCH, Section Chief, Construction Branch RV

Present at Interviewee's request: None

Requests Anonymity: ☐ yes ☒ no

Requested copy of transcript or the tape.

300 N. CALIF. ST.
FLOOR 100, WASHINGTON, D.C. 20004
WASHINGTON FIELD OFFICE

INVESTIGATIONS
INTERVIEW REPORT

CASE: 5-82-021
NAME: LAHR WOODROW W.
Last First Middle

Location of Interview: NRC Res Insp Office E-SHNS Date: 10-21-82

Starting Time: 1:00pm Ending Time: _____

DOB: _____ SS#: _____

Address: _____ City: _____ State: _____
number street

Phone: _____ residence _____ work _____

Time at current job: 6 years 1 months

Prior work experience on nuclear projects:

SITE	EMPLOYER	JOB TITLE	LENGTH
SONGS 1, 2, 3	Bechtel	Welding & Quality Control Eng.	6 yrs / mos
No other nuclear experience			
Worked basically in stress engineering			

Job Title: _____
Employer: Bechtel Power Corporation
Placed under oath by: _____
Present from NRC: KIRSHAD S. S. S. S. S.
Present at Interviewee's request: None
Requests Anonymity: ☐ yes ☒ no

Has two degrees BS in Civil Eng.
BS degree in Chemistry.
10/21/82 is his last day for Bechtel
Returning to work for General Dynamics in his
old position.

- 52-021

Date: 10-21-82

Interview of: WOODROW L. KIRSCH, Welding & Quality Control Engineer
Redtel Power Corp., assigned at SONGS.

Worked two or 3 mos. w/ BENT @ SONGS.

Pent. Bldg, Unit 2 @ 45' and 63' and up to the roof,
is where he worked w/ BENT.

1:15 Started Tape #1

NCR, furnished that is 92 pp. long on electrical trays

1:24 pm. at LSNR's request we shut off the tape recorder. Didn't want to discuss the
92 pp. NCR

2:21 pm. End. #1 Tape. Counter @ 396

2:23 pm. off tape while KIRSCH and LSNR went over some sketches of
welding.

2:37 pm. back on tape.

2:40 pm. End of tape #2 @ 091.

Curran C. Shults Jr.

DATE: 10/21/82 (Thursday)

Interview of: DONALD C. MARTIN, Sr. Quality Control Engineer
Place: NRC Office @ SONGS, for Bachel Power Corp.

Believes KENT worked for him for about 3 mos. at SONGS.
Couldn't place the exact time period.

No assignments in Unit 2, for KENT.

- KENT was assigned to Unit 3, @ SONGS.
- KENT also he believes did some work in Unit #1 on seismic requirements.
- However, KENT could have accompanied his partner who was given an assignment in Unit 2.

Counter 394 @ 8:26am ended #1 side of tape.
8:27am Start #2 tape of MARTIN interview

CSP = Construction Specification Piping
Approved documents to be used on the job sites -
they are reviewed by Engineering.

8:54am Counter 385 ended tape #2
9:02am Start #3 tape

CSPs sometimes are written because they address things that are not in the code.

9:31am we stopped tape to review AWS Code book @ 357 on the counter. This is on tape #3.

End tape #3 @ 9:43am. Counter @ 402
unless ended.

9:44am. Tape #4 started.

Peabody Testing is now named G E O. He didn't know what these letters stood for.

10:08 am. #304 on the counter for tape #4 on 10/21/82.

1871

—End—

Amos C. Shackleton Jr.

A-7

October 6, 1982
11:20 a.m.

MEMORANDUM OF TELECON

SUBJECT: ALLEGED WELDING RELATED DEFICIENCIES AT SAN ONOFRE

TELECON PARTICIPANTS: John O'DELL (L. A. Times Investigative Reporter)
and D. F. KIRSCH, Region V

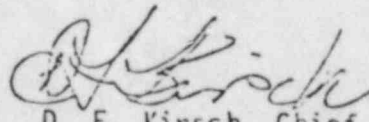
John O'DELL's telephone number is (714) 493-8474

1. Mr. O'DELL related that certain allegations regarding welding practice had been relayed to him by an alleged on about September 27, 1982. Mr. O'DELL relayed the alleged's work experience and history. Mr. O'DELL would not reveal the alleged's name.
2. Based upon the allegation topics relayed by Mr. O'DELL, I felt that I knew the alleged's name and concerns.
3. I relayed who I believed to be the alleged's name to Mr. O'DELL, who confirmed that this individual was the alleged. The alleged's name is E. Earl KENT. Mr. O'DELL would not give me the alleged's telephone number but relayed that he would ask the alleged to contact either myself or Phil JOUROFF. Our telephone numbers were provided to Mr. O'DELL.
4. The allegations relayed by Mr. O'DELL were the subject of a licensee investigation of concerns brought to their attention by the alleged on September 7, 1982. The licensee informed the inspector of the allegations, their investigative actions, and conclusions during an inspection conducted during the week of September 13, 1982. The allegations and NRC findings are documented in NRC Inspection Report 50-361/82-27, paragraph 6, herewith attached.
5. Mr. O'DELL was informed of this report, the allegation specifics, and certain knowledge of the licensee's investigation conclusions by myself.
6. Mr. O'DELL could not provide any other specific allegations and stated that he had not yet transcribed about 1.5 hours of interview tape.
7. Mr. O'DELL stated that if he decided to publish this story, he would contact the NRC.

~~8212290035~~

S-1

.. Bristol 300 had conducted a detailed investigation...
referred Mr. O'DELL to Don SCHONE, Unit 2/3 QA/QC Supervisor
for more information.



D. F. Kirsch, Chief
Reactor Projects Section No. 3

cc: P. Joukoff
J. Eckhardt
P. Stewart
J. Hanchett

Licensee Actions to Resolve Allegations

During the course of the inspection the licensee notified the inspector that on September 7, 1982, certain allegations had been received by SCE regarding welding adequacy at SONGS 2 and 3. The alleged had been previously employed at SONGS by Bechtel Power Corporation. The alleged's concerns were:

- Allegation 1: The welding requirements of AWS D1.1 regarding "end returns" were not being complied with on pipe hangers, electrical struts and structural steel. In addition, it was alleged that "end return" requirements were not shown on design/detail drawings.
- Allegation 2: A spacer plate was believed, by the alleged, to be missing on the upper inside door hinge of the Unit 2 containment personnel hatch.
- Allegation 3: The alleged believed that Bechtel had misinterpreted the ASME Section III welding standards regarding socket weld engagement length without initiating a code case and obtaining appropriate code relief.
- Allegation 4: Based upon numerous spelling errors in nondestructive testing reports, the alleged believed that the quality of non-destructive examinations performed by Peabody Testing personnel may be questionable. (The concern here appears to center on the qualifications and capabilities of testing personnel if those personnel make frequent spelling errors.)

The inspector reviewed the licensee's actions to resolve these allegations by discussions with licensee personnel and examination of documentation.

The licensee appeared to have taken comprehensive investigative action and adequately addressed all issues. The licensee's investigation did not substantiate any allegation.

This item is considered closed.

7. Exit Interview

The inspectors met with licensee representatives (denoted in paragraph 1) at the conclusion of the inspection on September 17, 1982 and discussed the inspection scope and findings.

FACILITY: Southern California Edison Company
San Onofre Nuclear Generating Station Units 2 & 3
San Clemente, California
Docket Nos. 50-361 & 50-362

A-3
Licensee Emergency Class:
Notification of Unusual
3 Alert
Site Area Emergency
General Emergency
X Not Applicable

SUBJECT: MEDIA INTEREST IN WELDING ALLEGATIONS

A former Bechtel Power Corporation quality control inspector has made public allegations concerning welding practices at San Onofre Units 2 and 3. The Region V office was previously aware of the allegations. Widespread media interest is occurring in Southern California.

Region V was made aware of the allegations concerning San Onofre during a routine inspection at the site in early September. The alleged had raised his concerns with the licensee, Southern California Edison Company. Region V inspectors reviewed the licensee's investigation and concluded that the licensee had taken comprehensive investigative action and adequately addressed all issues. The item was considered closed.

On October 6, a Los Angeles Times investigative reporter contacted Region V concerning the alleged and his concerns. The reporter subsequently arranged for the alleged to call Region V directly. The alleged then expressed some concerns in addition to those he had raised with the licensee earlier. The Los Angeles Times wrote about the alleged and his concerns in today's editions. The alleged subsequently has been widely interviewed by other area media.

Region V has been responding to media inquiries, indicating that Region V plans an inspection into the additional allegations next week.

Neither the licensee nor the NRC plans to issue a news release. Region V (San Francisco) received notification of the media stories from an on-site inspector at 8:30 a.m. on October 13, 1982. This information is current as of 3:00 p.m. on October 13, 1982.

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FTS 463-3723

T. W. Bishop
FTS 463-3751

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(revised (8/6/82))