



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

7c

FEB 22 1985

Note to Files

[REDACTED] promised to call John Zudans collect on (301) 492-7903 at 1700 hours EST on February 20, 1985. I monitored this phone until 1800 hours EST and [REDACTED] never called.

Marvin Kline
M.E. Kline

8607030109 860623
PDR FOIA
GARDE86-A-1B PDR

FOIA-85-59

P14 P114

FEB 1985

MEETING W/TRT

7C

2/19

J. Zolans

[redacted] won't come on 2/26

[redacted] weekends

will call wed. @ 5PM to Noonan's No.

[redacted] avail @ 6:15 2/26
@ AMFAC Hotel

| Arrange Hotel
and confirm [redacted]

H. Klein to arrange

Postpone until later

FOIA-85-59

P/13

2-20-85

J. Zudens
2-8550

8:25 a.m.

[redacted] will attend in person
Airport - Dallas - ~~Ft~~ Worth

Next Tues - 6:15 p.m.

Shou - main contributor

Vince Noonan

728 8100 general No.
arrange for Court Reporter - Susy Robson - Region IV
[redacted] - Boston - won't come down - ^{well} call

27903 Noonan - westman 5 p.m. Collect

Should be here - NRC employee

Conference phone to [Doyle] - arrange for phone

[redacted] can't get thru - in Room in Hotel in N.J.
we're sending him

 CONCERNS 3-23-85 MEETING
65 Total Concerning stress analysis & calculations

1. Stability^(lacking) & Fixes 7c ~~7d~~
2. Loads on supports not accounted for
3. Hardware inadequately designed
4. Problems with Richmond inserts and stresses not analyzed correctly
5. Local stresses and effects not considered
6. U-bolts as 2 and 3 way loads and stresses not considered
7. Cinched down U-bolts overstressed and stresses not calculated
8. Loads on pipe affecting local stresses and stress load output
9. Building loads on support members not properly analyzed
10. Stiffness (actual) not analyzed properly (used generic or lower generic values)
11. Undersized welds permitted because of incorrect stress analysis
12. Crack propagation due to welds
13. High loads permitted (exist) on pipe line with supports
14. Appendix II not complied with FOIA-85
15. Calculations will not stand alone^(75%) and many are incorrect (low) P17
(not conservative)

7c

CONCERNS
3/23/95 m+6.

① STABILITY

- (a) BOX FRAME STR/SNUBB
- (b) 'U' BOLT STR/SNUBB
- (c) 'U' BOLT (2) STRUT AXIAL (TIAF)
- (d) CLAMP (1) IPIN CIRC TO ACTION
- (e) STR FRAMES GANG HGR STRUT SPILL (CC-91-710 AG3)

FIXES

- (a) BRACKETS TO STOP STRUT SLIDING PRIOR TO RUNNERS
- (b) CLIP ANGLE TO HOLD U BOLTS (BOX FR)
- (c) LUGS (STOP AXIAL BUT NOT OTHERWISE)
- (d) DOUBLE STRUT FOR BOX FR
- (e) BUMPERS TO REPLACE STRUT STOPS
- (f) SHIMS TO 'O' GAP (THERMAL CONST)
- (g) CINCHING 'U' BOLTS

② LOADS ON SPT NOT ACTED FOR

- (a) SWE HARDWARE
- (b) SWING A OF STRUTS & SNUBBERS
- (c) FRICTION (1/16")
- (d) LOAD A FOR SNUBBERS/STRUTS (CC-008-019)
- (e) ACTUAL SECTION PROP (1/2" HOLE FOR RICH)
- (f) HANGING SUPPORTS OFF RICH BOLTS

⑦

- (g) ~~SW~~ - SWE DISTRIBUTION ABOUT RICH IN BRG
- (h) SWE STRUCT. ANY DIRECT.
- (i) ~~ME~~ - MOMENT (PARTIAL) TUBE OIL TIGHTENING
- (j) ~~ME~~ - INCORRECT TORSIONAL COUPLING

③ HARDWARE

- (a) DIFF LOCKUP OF SNUBBERS (GANG PART ~ 8 U.L.R.)
- (b) CROSS BARS (NOT TUBES) FOR 'U' BOLTS (CC-008-056) ^{7500 SPAN 1} _{3/4 X 3" OVR}
- (c) DOUBLE AXIAL RESTR (STR/SNUBBERS) LOAD DIST REL TO STIFF.
- (d) THERMAL ROT Ay (RAD) LOAD REDISTRIBUTION

④

④ RICHMONDS

- (a) EXCESS Δ (ALTERS STIFF SPT)
- (b) BENDING IN BOLT
- (c) BRG JOINT NOT ACCEPT FOR DYNAMICS
- (d) SHEAR LOADS NOT BASED ON PROPER DIST/BRG JT
- (e) H₂ MOM FRYING ACTION NOT CONSID
- (f) INCORRECT PROCEED FOR COUPLING TORSION TO BOLT

⑥

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FOIA-85

P/18

⑤ LOCAL EFFECTS NOT CONSID. HYATT REGENCY K.C. 119)

- (a) 16" Ø DIAPH FAILURE - CC-08-709 FAIL OF CNP &
- (b) TUBE WALL EXEN/4 FAILURE CC-116-039 " OF COMPOSITE
- (c) FAIL WEX12 CC-028-039 S33R
- (d) FAIL PLATE/W BOLT (ABOVE) 3X3/4 15" DIAM 7000 #LD OVER T
- (e) TORSIONAL FAILURE SPT/ON CELL FOR CC-107-008

ADDITIONAL AREAS

- (f) CALC OF RIGID MD IS CAN'T SIMP SPT BY FLEX FORM.
- (g) CLOSED & <60° GROOVE WELDS RATIO F/D1 → 1.7 INTER CRACKING
- (h) CALC FOR FALS INTEG WITH PIPE
- (i) CALC OF WRAPPING MODE NOT CONSID - FLEX FORM. (FAILURE IN SIDE &
- (j) PUNCHING SHEAR NOT ALWAYS USED (APPL SAY WELD CNP)
- (k) SHORT TUBES ON BASE @ LOAD PATH BENDING OF SIDE WALLS

⑥ 'U' BOLT AS 2 & 3 WAY

- (a) CAN SEE 2 WAY LOADS
- (b) WITH 2 WAY LOADS FRICTION NEEDED TO BE ACCOUNTED FOR
- (c) WITH 2 WAY " " & BINDING "

⑦ CINCHED DOWN 'U' BOLTS

- (a) LOAD EXCEEDS MFG LDS ALLOW.
- (b) PULL THRU ON TUBES NOT CALC. (150. HYATT)
- (c) ~~MEMBERS~~

8. LOADS ON PIPE EFFECTING LOCAL STRESS & STRAIN OUTPUT

- (a) 1/2 HARDWARE SHUB/STRUT - CLAMP ETC
- (b) STRUCT - 'U' BOLT & STRUCT, BOX BHS, WF ETC
- (c) KICK LOADS ANGULAR STRUTS
- (d) CINCHED UP 'U' BOLT EFFECTS
- (e) BOX FRAME CONSTRAINTS
- (f) ANCHORS LOCKING THERMAL GROWTH
- (g) EFFECTS OF TRUNNIONS /PAD OR NO

⑨ BUILDING LOADS ON SPT MEMBERS

- (a) WALL TO WALL, 1 WALL TO FLOORING ETC D.L. (BECOME COL)
- (b) SEISMIC RESTRAINT

⑩ STIFFNESS

- (a) ACTUAL STIFFNESS V.S. GENERIC OR LOWER GENERIC

⑪ UNDERSIZE WELDS

- ⑫ CRACK PROPAGATION
- ① (a) WELDS THAT VIOL. BETH REQ. ARE SUBJECT TO CRACK PR WITHOUT VOL. EXAM. NEGLECTING AREA OUTSIDE B IS NOT AHS
- ⑬ HIGH LOADS ON PIPE LINE WITH SPT
- ② (a) BEARING PROBLEM FOR PIPE .77 R. $b^{1/4} b^{-1/2} e^{-7/4}$ - CIRC ST.
(b) COLLAPSE CHECK OF PIPE WALL DUE TO COMP & MOH. (BAD)
- ⑭ APPENDIX XI
- ③ THIS WAS POINTED OUT IN DEFECTS BUT NEVER ANSWERED RP.
- ⑮ CALC.
- ② CYGNA HAS FOUND ~78% OF CALCS DUE NOT STAND ALONE
- ④ I HAVE FOUND MOST OF APPL. CALCS ARE INCORRECT IN THERE FAVOR - V.I.R. - MOH REST & FACTORS, DIAPH, TORSIONAL ETC.

... E TOTAL

FILE

DENISE Now why don't we say what this is referring to. Can you first tell me, let's look at what newspaper this is.

Alright. This is an article written by Bruce Milar, it's published on --

CHECK Fort Worth Star Telegram.

Tuesday morning, February 7, 1984

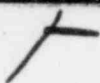
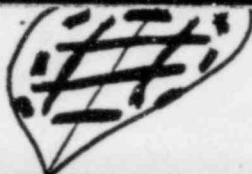
R. DENISE Fort Worth Star Telegram.

And it reads as follows, "A group opposing the licensing of Comanche Peak nuclear power plant, Monday, criticized a proposal by plant owners to hire three outside consultants for an evaluation of pipe supports at the plant. Juanita Ellis, president of the Dallas based Citizens Association for Sound Energy, said she opposed selection of engineering consultant, Ebasco Services, Inc.; of New York, and CYGNA Energy Services Company of San Francisco. She said both have a stake in the licensing of Comanche Peak. Ebasco is under contract to review quality control at the plant. Last fall utility officials hired CYGNA for a \$500,000 technical evaluation of plant design standards. CASE witnesses, Jack Doyle and Mark Walsh, say that the CYGNA report is not an independent assessment and lacks sufficient engineering data. Walsh and Doyle are former engineers at Comanche Peak."

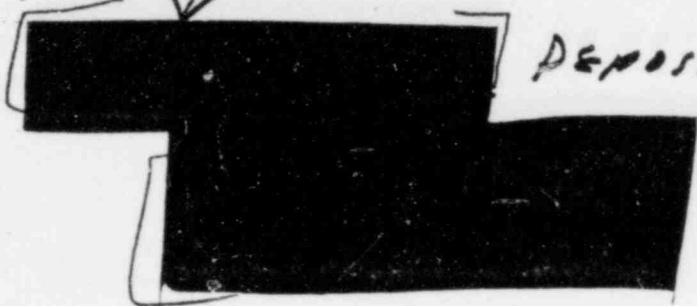
Well I don't know anything about Walsh and Doyle, and I don't know anything about anything else, but I do know a little something about pipe support. And it bothered me, then I got to thinking, well what if they do them the

FOIA-85-58

P/19



NANCY THORNTON
ERICK SWERSON
WALLY



DEPOSITION

TC

FOIA 85-59

P/21

COATING

feelings between craft and inspectors

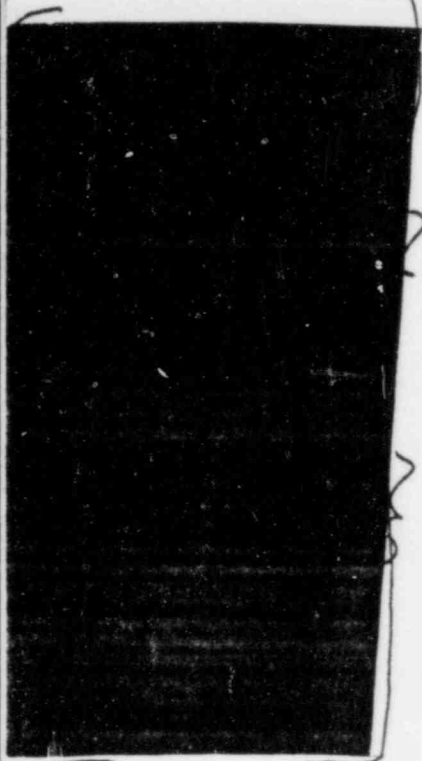
- PAINT APPLIED TOO THICK ON A WELD.
- AIR SUPPLY SYSTEM FOR PAINTING

[REDACTED] tour- steered by mgmt.
mgmt doesn't want to discuss problems.

Dawson negative toward [REDACTED]

[REDACTED] negative toward [REDACTED]

painter certification, Traceability of material
CRAFT took advantage of the fact that
~~CRAFT PRESENTATION WAS STOP POINT~~
~~IN THE SENSE~~ IR'S DID NOT STOP
WORK -



feels like he was thrown into job without
enough knowledge of area

painter qualifications - applicator certification

controversy over delegation of authority

QC document problem - incomplete documentation

17830

70 11

ALLEGATION NUMBER	DISPOSITION				NEW ALLEGATIONS	NRC ACTION ITEMS	FEEDBACK LETTER
	CLOSED	MORE INFO	OI	QA			
						DEPOSITION SENT TO OI on JAN 28, 1985	NO
					ALLEGATIONS NOT DISCUSSED		

A# 70

7c PAGE 1 of 1

ALLEGATION	DISPOSITION				NEW ALLEGATIONS	NRC ACTION ITEMS	FEEDBACK LT
	CLOSED	MORE INFO	OI	QA			
THE JANUARY 3, 1985 AND JANUARY 5, 1985 DEPOSITIONS OF [REDACTED] WERE REVIEWED BY THE RECORDS REVIEW GROUP TO DETERMINE WHAT ALLEGATION WERE DISCUSSED AND TO DETERMINE IF ANY NEW ALLEGATIONS APPEARED. THIS WAS COMPARED WITH THE NEXT LIST OF ALLEGATIONS. NO FOLLOWUP ACTION IS RECOMMENDED EXCEPT TO SEND [REDACTED] A COPY OF THE SSER SUPP. 9.							
SEE ATTACHED DATA SHEETS AND DOCUMENTS FOR DETAILS.							

ALLEGATIONS NOT DISCUSSED

INTIMIDATION / HARASSMENT

NONE

FOIA-85-59

p22

a70p22-85-85

2011/11/30

JAN 3, 1985

DISCIPLINE

Δ

AQ.
No.

A20.

Source

SUBJECT

QAC

276

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W

U

5

✓

AQ00-17

A90-5
A1-2

A1-2

62-034

AQ0 43

767 07-4

17-000

AQ0-1

Expected to allow work not to practice.

STOP WORK

QA INFO NOT ON FILE, BACKLOG IMPROVEMENT
STARTED

Problems in CPSS COASTS program

CONTINGENCY INSPECTOR CERT AND TRAINING
INAPPLICABLE.

514 490-17 about 1917

CPSES cooling QC is inferior to ZIMQ+K

7c

Comanche Peak Plant for
Documents Concerning
[REDACTED]

A-64

As of 4-1-1985

1. NRC Inspection Report No. A4-83-005,
by H. Brooks Griffin, dated 9-7-1983,
Subject: Allegations Concerning Construction
practices of Comanche Peak Steam Electric
Station.

Attachment: Results of Interview with [REDACTED]
on 9-1-1983.

(2 pages Total) (Ex 6 and 7(d)).

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1 p/24