

EXHIBIT NO. 2

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING APPEAL BOARD

In the Matter of)

PACIFIC GAS AND ELECTRIC)
COMPANY)

(Diablo Canyon Nuclear Power)
Plant, Units 1 and 2))

Docket Nos. 50-275
50-323

(Construction Quality Assurance)

AFFIDAVIT OF D. STUPI

STATE OF CALIFORNIA)

COUNTY OF)
SAN LUIS OBISPO)

ss.

I, D. Stupi, being duly sworn, depose and say:

I am currently employed by Pacific Gas and Electric Company as a Welding Engineer in the Nuclear Plant Operations Department. I am submitting this affidavit to respond to Mr. Steve Lockert's allegation contained in Joint Intervenors motion as JI #41.

8404040390 840319
PDR ADOCK 05000275
G PDR

1. Mr. Lockert alleges that I told him that it was inappropriate to discuss the issue of deficient GTAW machines with me. That, in part, is true, but Mr. Lockert has apparently forgotten the rest of the facts of the situation which are as follows:
2. As stated above, I am employed in the Nuclear Plant Operations Department of PGandE. I have no responsibilities for construction activities. However, when Mr. Lockert first approached me with information about the GTAW machines, I offered to look into the matter and report back to Mr. Lockert. My investigation showed that this was an apparent QA documentation problem rather than a technical problem. When I reported back to him I advised him to take up the issue with Mr. Russ Taylor of PGandE QA. When I told him that we did not need to discuss the issue further, the reason was that we did not have a technical problem and the party responsible for his concerns was Mr. Taylor.

//

//

//

//

//

//

//

//

//

//

DATED: March 19, 1984

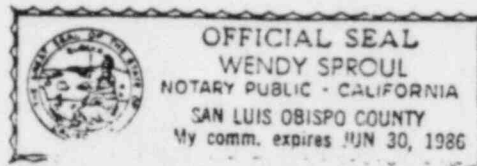
D. Stup

D. STUPI

Subscribed and sworn to
before me this 19th day
of March, 1984

Wendy Sproul

Wendy Sproul
Notary Public in and for the
County of San Luis Obispo,
State of California.
My commission expires
June 30, 1986





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

APR 24 1978

EXHIBIT NO. 3

Docket Nos: STN 50-528
STN 50-529
STN 50-530

Arizona Public Service Company
ATTN: Mr. E. E. Van Brunt, Jr.
Vice President, Construction Services
P. O. Box 21666
Phoenix, Arizona 85036

Gentlemen:

SUBJECT: MOISTURE CONTROL OF LOW HYDROGEN COVERED ARC-WELDING ELECTRODES
AT PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

We have completed our review of the information submitted by your letter dated April 4, 1978 concerning your plans to reinstate by April 24, 1978, the moisture controls of low hydrogen welding electrodes described in Bechtel Standard WFMC-1, Revision 6, dated February 24, 1978, on all safety-related systems and structures utilizing mild and austenitic stainless steel and nickel-base materials. Based on our evaluation of the information, we concur with your plans and conclude that the procedures provide an acceptable alternative to the method of moisture control specified in Paragraph 4.9.2 of the American Welding Society's Structural Welding Code, AWS D1.1.

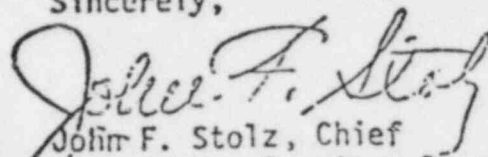
Your alternative method consists of allowing the electrodes (E7018) to remain out of the holding oven for twelve hours without requiring re-drying before use. Paragraph 4.9.2 of AWS D1.1 imposes a limit of four hours maximum out of oven time. Your alternative method has been verified as providing acceptable moisture control by the tests described in Appendices C and D of the qualification report entitled "Qualification of an Alternative Electrode Control Program for AWS D1.1" which was transmitted by your letter dated April 4, 1978.

Since we have made use of Appendices C and D of the report referenced above in arriving at our conclusion, we request that you submit thirty (30) copies of Appendices C and D to us so that we may make appropriate distribution of the information.

APR 24 1978

We note that the information contained in Section 3.8.1.6.6.2.A of Amendment 17 to the Preliminary Safety Analysis Report (PSAR) on Units 1, 2 and 3 specifies ten hours maximum limit for out of oven holding time. You should correct this item in your next scheduled amendment to the PSAR

Sincerely,


John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

cc: See Page 3

(301) 492-7391

cc: Arthur C. Gehr, Esq.
Snell & Wilmer
3100 Valley Center
Phoenix, Arizona 85073

037709

Charles S. Pierson
Assistant Attorney General
200 State Capitol
1700 West Washington
Phoenix, Arizona 85007

David N. Barry, Esq., Senior Counsel
Charles R. Kocher, Esq., Assistant
Counsel
Southern California Edison Company
P. O. Box 800
Rosemead, California 91770

PULLMAN POWER PRODUCTS CORPORATION

JOB #7177

AVILA BEACH, CALIFORNIA 93424 • (805) 595-2356

MESSAGE

REPLY

HAROLD KARNK

QA/QC MANAGER

PULLMAN POWER PRODUCTS

DIABLO MOUNTAIN

10/31/93

WELDING PERFORMED

FOR RUPTURE RESTRAINTS IS

SUBJECT TO THE REQUIREMENTS

OF AWS D1.1 PARAGRAPH

4.5.2 OF AWS D1.1 STATES

THAT LOW HYDROGEN ELECTRODES

MEETING AWS A5.1 SPECIFICATIONS

(ET018) SHALL BE STORED IN

OVENS WITH A TEMPERATURE OF

AT LEAST 250°F. THE CUR-

RENT REVISION OF ESO

243 APPEARS TO BE

IN VIOLATION OF AWS

D1.1-83. FOR WHAT

REASONS ARE OUR ROO

OVENS SPECIFIED TO

225°F MINIMUM?

DATE

RENT REVISION OF ESO

243 APPEARS TO BE

IN VIOLATION OF AWS

D1.1-83. FOR WHAT

REASONS ARE OUR ROO

OVENS SPECIFIED TO

225°F MINIMUM?

SIGNED

INTEROFFICE CORRESPONDENCE

EXHIBIT NO. 5

DATE November 11, 1983
TO Steven Lockert/QC Inspector
FROM Frank Lyautey, QA/QC Assistant Manager
SUBJECT AWS D1.1 WELD ROD OVEN STORAGE TEMPERATURE REQUIREMENTS

app'd disc. → AWS D1.1, Paragraph 4.5.2 states low hydrogen electrode conforming to AWS A5.1 (7018) shall be stored in ovens held at a temperature of at least 250°F.

→ Pullman KFP-12 and ESD-202 require a minimum of 225°F temperature for low hydrogen electrode holding ovens.

att. → Pullman Field Q.A. Inspectors monitor oven temperatures on a daily basis and the temperature has been maintained above 250°F with a few minor exceptions because of temperature variations; i.e., due to opening door or oven and fluctuations of the thermostatic controls.

→ ASME Section II, Part C, Table A1 (p 26) recommends holding oven temperature of 50°F to 250°F above ambient temperature.

RECOMMENDED DISPOSITION

1. Maintain all low hydrogen electrodes at 250° minimum and revise KFP-12, ~~and~~ ESD-202 and ESD 223.

Frank Lyautey
Frank Lyautey,
Assistant QA/QC Manager

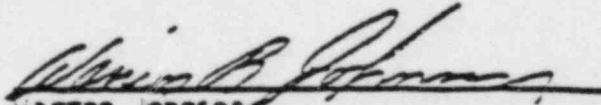
FL:jg

WELD PROCEDURES: ISO 12-500176

During the fabrication and erection phase of system 12, Containment Spray, several weld procedures were simultaneously being revised and reidentified. However, during this period the basic rod, rod identification and weld techniques remained static.

It is noted that multiple weld procedures are recorded as being used for some welds documented in these ISO records. For example: weld procedure 128 is recorded on the process sheet and weld procedure 140 is recorded on the rod requisition for the same weld.

Analysis of these weld procedures gives proof that the rod and weld techniques used were proper and in compliance with B31.7 Class II (B) Code.


Warren Johnson
M. W. Kellogg Quality Engineering

WJ:nt

MT. J. W. KYAN, PULLMAN POWER PROJECT

Location

R. D. Etzler/M. E. Leppke

Location Diablo Canyon Project

Ext. 79-15

Shop Welds - American Bridge and Rostrum-Bergen

File No.

P G and E believes that sufficient data on shop welds has been received. Our Engineering Department will review this data and include its conclusion in the final rupture restraint report. Pullman need not report further test results on shop welds. We will indicate any requirements for further inspection. Those welds where tests and repairs are already in progress should be completed.

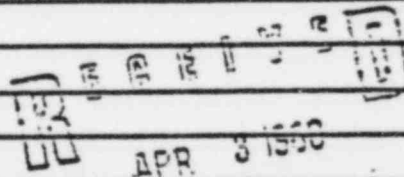
Pullman should exercise judgement when removing construction induced defects on shop welds. For example, it is not necessary to "chase" defects uncovered by grinding arc strikes.

M E Leppke

M. E. LEPPKE

RESIDENT MECHANICAL ENGINEER

MELeppke:fgm

PULLMAN POWER PROJECT
AVILA BEACH, CALIF.
APR 3 1960

Date

COPY:

~~BAILES~~ 6/4/60 Unit I PH 112-WB S.W. adjacent to 514-518-B-1
BAILES 6/4/60 Unit I Bent 4 (DR-409) S.W. adjacent to 514-B-1
WETS
VAN (ORIG) 10/4/60 Unit I HALLWELL (PH 126) S.W. adjacent to FW 13A
S.W. with A.B. + C.B.

Unit 2 Bent 43 S.W. NEAR FW-9 R1
2047-14RT S.W. NEAR FW 9C Unit #2 GW 2047-14RT Item #1
Bent 4 S.W. NEAR FW 8 2047-14RT Item #2
2047-14RT S.W. NEAR BMR-300 Unit #2 Bent 6B HALLWELL S.W. NEAR FW 40
7-4RR S.W. NEAR FW 1 Unit #2 2047-2RT GW S.W. NEAR FW 21A
Unit #2 2047-17RT WA S.W. NEAR 2A + 2C
Unit #2 Bent 1 2046 1 3/4 S.W. above BMR 3 MIA.
Unit #2 212 RR WC S.W. NEAR FW-22A
" PH 126 / WC HALLWELL S.W. NEAR FW 9C

P G and E EXT. NO.

BY:

INSTRUCTIONS - REMOVE YELLOW COPY AND SEND WHITE AND PINK COPIES WITH CARBON INTACT. WHITE COPY WILL BE RETURNED WITH REPLY. REMOVE SET FROM PAD BEFORE USING.

EXHIBIT NO. 8

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING APPEAL BOARD

In the Matter of)	
)	
PACIFIC GAS AND ELECTRIC)	Docket Nos. 50-275
COMPANY)	50-323
)	
(Diablo Canyon Nuclear Power)	(Construction Quality Assurance)
Plant, Units 1 and 2))	
)	

AFFIDAVIT OF R. NOLLE

STATE OF CALIFORNIA)	
)	
COUNTY OF SAN LUIS OBSIPO)	ss.

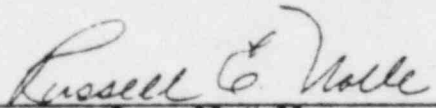
I, Russell Nolle, being duly sworn, depose and say:

I am currently employed by Pullman Power Products as a QC Supervisor at the Diablo Canyon Power Plant. I am submitting this affidavit to address Mr. Steve Lockert's misquoting of remarks that I made to him during the course of a discussion referred to in Joint Intervenor's Motion, Allegation #102.

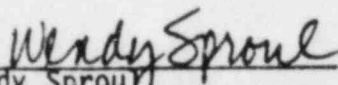
Mr. Lockert indicates that he performed an inspection of a rupture restraint that was directly underneath the Unit 2 pressurizer. He indicates that he noted unacceptable shop welds and discussed "this old work that would be absolutely unacceptable to any code" with me. Contrary to his statements, he did not discuss "old work that would be absolutely unacceptable to any code" with me.

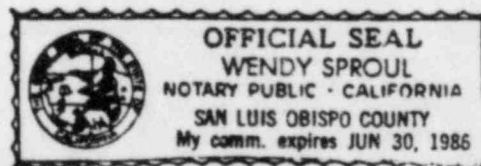
However, we discussed other contractors' work on several occasions. I advised Mr. Lockert that these contractors may have worked to different acceptance criteria than Pullman. I also told Mr. Lockert that if he was concerned about the quality of other contractors' work, he should identify the condition to the proper authority (PGandE) on a discrepancy report.

Dated: March 18, 1984


Russell Nolle

Subscribed and sworn to
before me this 18th day
of March, 1984.


Wendy Sproul
Notary Public in and for the
County of San Luis Obispo
State of California
My commission expires
June 30, 1986



COPY

EXHIBIT NO. 9

P. O. Box 117
Avila Beach, California 93424
(805)595-2324

July 26, 1982

Mr. J. W. Ryan, Project Manager
Pullman Power Products Company
P. O. Box 367
Avila Beach, California 93424

Diablo Canyon Project
Specification 8711
P G and E Memo of 4-3-80,
Shop Welds

Dear Mr. Ryan:

We wish to clarify our memorandum of April 3, 1980.

It is not our intent to ignore or dismiss problems with shopwelds. We have conducted an extensive evaluation of shopwelds for minimum required strength and maximum acceptable defect size and distribution. Therefore no further inspection or testing is required for data base and evaluation purposes.

Unless a shopweld directly affects Pullman work (e.g. defect in fieldweld zone), there is no need to address the shopweld. If a shopweld defect is reported during the inspection of adjacent field work the report (or copy) should be filed separately and the file turned over to P G and E with the last of the final walkdown packages.

During the final walkdown, Pullman will not be inspecting previously accepted shopwork. Therefore, we expect the need to report shopwelds will be minimal.

Sincerely,

R. D. Etzler
Project Superintendent

RTorstrom:fgm
bcc: JAAmmon