

APPENDIX A

NOTICE OF VIOLATION

Pacific Gas and Electric Company
77 Beale Street
Room 1435
San Francisco, California 94106

Docket No. 50-323
Construction Permit
No. CPPR-69

As a result of the inspections conducted during April/May 1984, and in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C), the following violation was identified:

10 CFR 50, Appendix B, Criterion V, as implemented by Section 17.1.5 of the FSAR and the PG&E Quality Assurance Manual Section V states in part that, "Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings...and shall be accomplished in accordance with these instructions, procedures, or drawings..."

1. Pullman Power Products, Engineering Specification Diablo (ESD) Number 223 states as follows:

Paragraph 6.8.2.5, "Fillet weld sizes for supports, A) the fillet weld size shall be as specified on the approved for construction drawing...As-Built is required to show weld size."

Paragraph 6.1.6, "All pipe supports shall be fabricated and installed in accordance with the approved for construction drawing(s)."

Contrary to the above, during inspections in April/May 1984, the following conditions existed in Unit 2:

- a) Pipe Support 7-97V

"As-built" drawings were in error. The installation was correct, but two fillet welds were shown incorrectly on the drawing.

- b) Pipe Support 7-56R

The "As-Built" drawings did not correctly identify those undersize welds found on the pipe support. Two of the welds did not meet AISC recommended minimum size for fillet welds.

- c) Pipe Support 5-5R

The weld at connection of item 5 to item 3 is undersized 1/16" for 1-1/4" of the 4" total weld length. The "as-built" drawings did not reflect this condition.

- d) Pipe Support 333-42R

Square butt stitch weld 1-1/2" long on 3" centers were found to be 3/8" to 1/2" short in length at four locations.

2. Howard P. Foley, Quality Control procedure, QCPC-10 for "Grouting Installation," states as follows:

Paragraph 3.1, "The Project Manager shall be responsible for employing all measures necessary to accomplish the work in accordance with the requirements of the contract documents and this procedure."

Contrary to the above, during inspections in April/May 1984, the following conditions existed in Unit 2:

Pipe Support 948-36G

Two identical plates are attached to the North and East walls of the containment. The grouting of the North plate to fill in the concrete/plate surfaces was required by ESD procedures because the bearing surface was affected. The East plate was inadvertently grouted without identifying that the grouting was in the wrong location.

3. Howard P. Foley, Quality Control procedure, QCPE-9 for "Installation of electrical raceways, junction and terminal boxes", states as follows:

Paragraph 3.1, "The Project Manager has the responsibility for employing all measures necessary to accomplish the work in accordance with the requirements of the contract documents and this procedure."

Contrary to the above, during inspections in April/May 1984, the following condition was identified:

- a) Electrical Raceway Support GW-115-3-122

Two new S-6 braces were required by the design and only one was installed.

- b) Electrical Raceway Supports C-119-1-2

Support was installed reversed from that portrayed on the design drawings: The "as-built" drawings were revised to reflect installation error without proper documentation.

- c) Electrical Raceway Supports FW-85-1-300

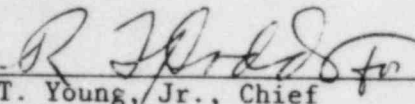
The conduit clamp was not in place on support FW-85-1-300 (Type S-239) and the span exceeded the 8 foot maximum criteria for this specific hanger.

This is a Severity Level IV violation (Supplement II).

Pursuant to the provisions of 10 CFR 2.201, Pacific Gas and Electric Company is hereby required to submit to this office within thirty days of the date of this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further items of noncompliance; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

JUL 27 1984

Date



T. Young, Jr., Chief
Engineering Section