

UNITED STATES
ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION V
2111 BANCROFT WAY
BERKELEY, CALIFORNIA 94704

TELEPHONE: 847-8141
EXT. 651

August 23, 1972

Pacific Gas & Electric Company
77 Beale Street
San Francisco, California 94106

Docket No. 050-0275

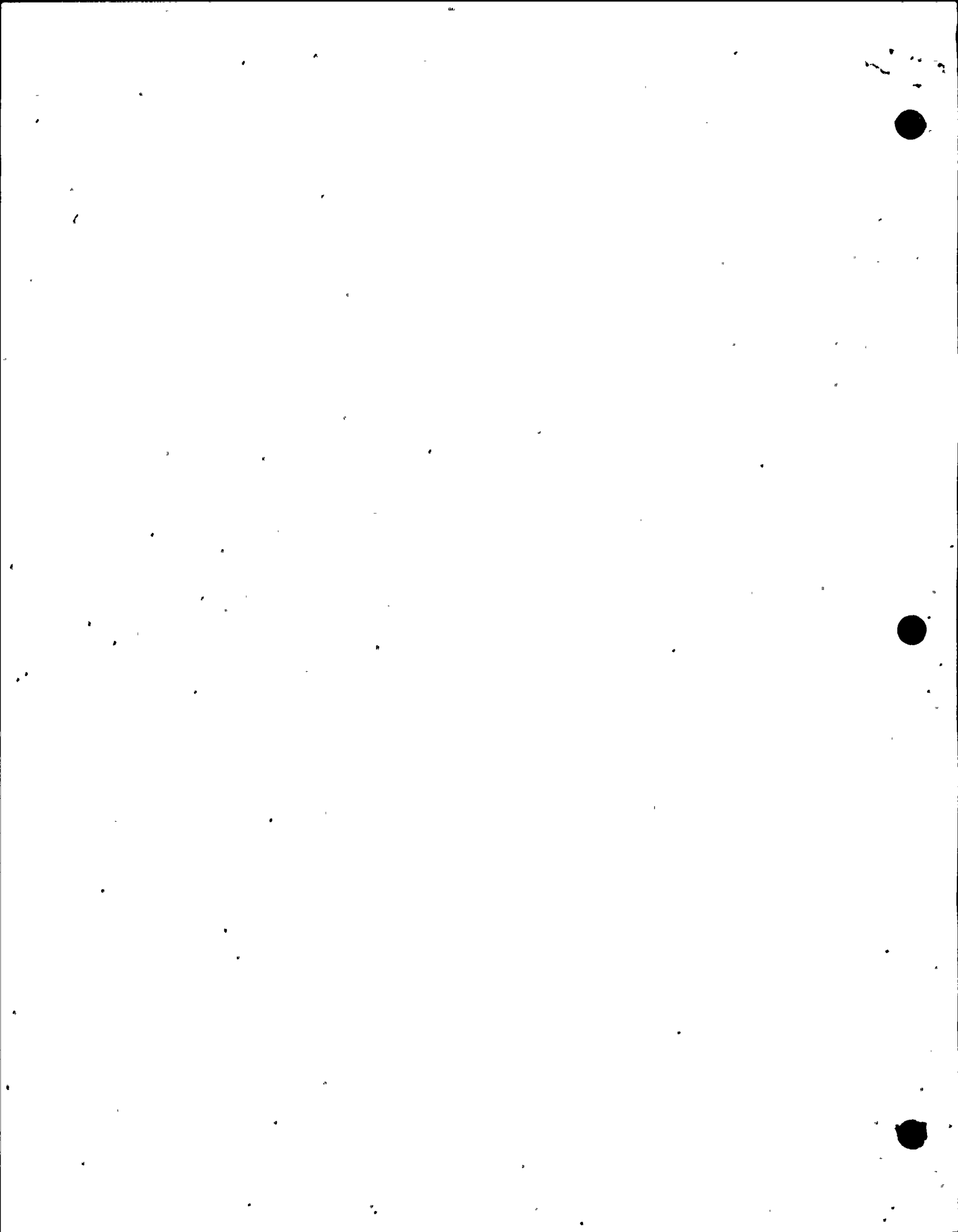
Attention: Mr. Frederick T. Searls
Vice President and General Counsel

Gentlemen:

This refers to the inspection conducted by Messrs. J. L. Crews and W. G. Albert of this office on August 9-11, 1972 of construction activities authorized by AEC Construction Permit No. CPPR-39, and to the discussion of our findings held with Mr. W. R. Hersey and other members of your staff at the conclusion of the inspection.

Areas examined during this inspection included your contractor's QA program manual covering the installation of wire and cable; inspections and tests associated with the modifications made to the divider plate on steam generator No. 2 during the period May through July 1972; manufacturer's certifications for pipe, pipe fittings and weld filler materials used in the erection and welding of the gaseous radioactive waste system; tests conducted during erection and welding of the gaseous radioactive waste and containment spray piping systems; the installation of structural steel supports for Class 1 vessels and components within the containment building; and the storage and control of electrical and pipe components at the site. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with project personnel and observations by the inspectors.

During this inspection, it was found that two of your activities appeared to be in noncompliance with AEC requirements. The items and references to the pertinent requirements are listed in the enclosure to this letter. With regard to item 1., written instructions which establish the requirements for the identification, segregation and control of hand tools used in the erection and welding of carbon and stainless steel piping systems were issued and implemented by the M. W. Kellogg Company prior to the completion of the inspection. Therefore, a written reply to this item is not required. Please provide us within 30 days, in writing, with your comments concerning item 2., any steps which have been or will be taken to correct this item, any steps which have been or will be taken to prevent a similar recurrence, and the date all corrective actions were or will be completed. Your reply should emphasize, in particular, any appropriate changes that have been or will be made to improve the effectiveness of your quality assurance program.



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Certain activities appear to be in noncompliance with 10 CFR 50, Appendix B, Criterion V requirements as discussed below.

1. Criterion V states, in part, "...Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings..."

Contrary to this requirement, written procedures or other instructions had not been established to control the segregation of hand tools such as wire brushes, files, and grinding discs used in the fabrication and erection of carbon steel and stainless steel piping by the M. W. Kellogg Company at the Diablo Canyon site.

Instances were observed where the absence of adequate tool identification and control presented a potential for the use of such tools interchangeably on carbon steel and stainless steel pipe.

2. Contrary to the requirements of Criterion V stated above, four vertical wide flange structural steel beams installed in the support structure for the No. 4 steam generator were observed to carry identification (item) numbers different than those specified by the drawing covering the erection of the support structure.

ENCLOSURE

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With regard to your continuing evaluation of abnormal corrosion adjacent to the weld joints on several stainless steel pipe fabrications supplied by the M. W. Kellogg Company, we will examine the disposition of these materials by your project staff during subsequent inspections.

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,



R. W. Smith
Director

Enclosure:
As stated

cc w/encl:

J. D. Worthington, PG&E
G. V. Richards, PG&E

bcc:w/encl:

Chief, Reactor Construction Branch
RO Office of Operations Evaluation
RO AD for Procedures
RO AD for Inspection & Enforcement
L DD for Reactor Projects
RO Files
DR Central Files
PDR
Local PDR
NSIC
DTIE
SAN PDR
LA PDR

