

April 7, 1970

Pacific Gas & Electric Company
245 Market Street
San Francisco, California 94106

Attention: Mr. Richard H. Peterson,
Senior Vice President

Gentlemen:

This letter relates to the discussion Messrs. A. D. Johnson and J. L. Crews of this office held with Messrs. J. D. Worthington and C. H. Sedam and other members of your staff, on March 12, 1970, concerning the inspection conducted on March 2 through March 5, 1970, of construction activities authorized by AEC Construction Permit No. CPPR-39.

As noted during the discussion, an apparent deficiency was identified involving an item not in conformance with statements in the Preliminary Safety Analysis Report as identified below, or which may otherwise raise questions concerning the adequacy of the construction. This item is as follows:

The Preliminary Safety Analysis Report, Section 5.1.2.3(c), states with respect to the containment steel plate liner that the material "...will be carbon steel conforming to ASTM A-442, 'Standard specification for carbon steel plates with improved transition properties,' Grade 60."

The material actually being used for the liner is designated as conforming to ASTM A-516. Section 9 of Standard Specifications for ASTM Designation A-516, Test Specimens, states that "for plates 1½ inch and under in thickness not requiring heat treatment, the test specimens shall be prepared for testing from the material in its rolled condition." Contrary to this specification, the material certification reports reviewed by our inspector at the site showed that the test coupons used to determine the material's mechanical properties were normalized, whereas the plate material had been supplied in the as-rolled condition (not normalized). Portions of the material had been approved and installed by the contractor prior to this deficiency being detected by your quality assurance staff.

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OFFICE ▶	Region V	Region V	Region V		
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Please provide us, within 30 days, with your comments concerning this item and any steps which have been or will be taken to correct it and to minimize recurrence, including any appropriate changes that have been or will be made to your quality assurance program.

In addition, we understand that the change of the liner material from that conforming to ASTM A-442 to material conforming to ASTM A-516 specifications will be reflected in the Final Safety Analysis Report; therefore, a written reply to this office is not required regarding this change.

Should you have any questions concerning the matters discussed in this letter, you may communicate directly with this office.

Very truly yours,

Original Signed by
H. E. Book

for
R. W. Smith
Director

cc: D. V. Kelly
CO:HQ (3)

bcc: CO:I
CO:II
CO:III'
CO:IV