

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

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DEC 11 1972

Southern California Edison Company
P. O. Box 300
2244 Walnut Grove Avenue
Rosemead, California 91770

Docket No. 050-0361
Docket No. 050-0362

Attention: Mr. Jack B. Moore
Vice President

Gentlemen:

This refers to the inspection conducted by Mr. J. L. Crews and other representatives of this Directorate on October 2-6, 1972 of your quality assurance program relating to the San Onofre Units 2 and 3 reactor project, and to the discussion of our inspection findings held by Mr. Crews with Mr. J. B. Moore, members of your project staff, and representatives of your contractor, the Bechtel Corporation, at the conclusion of the inspection.

Areas examined during this inspection included the project quality assurance organization, and the development and implementation by your project staff and the Bechtel Corporation of the quality assurance program for design and procurement activities. 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 one of your activities appeared to be in noncompliance with AEC regulations. This item and reference to the pertinent requirement are included in the enclosure to this letter.

This notice is sent to you pursuant to the provisions of Section 2.201 of the AEC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including: (1) corrective steps which have been taken by you, and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved.

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In addition to the item discussed in the enclosure to this letter, this inspection revealed the following matters which we feel warrant your special consideration.

1. In their letter of July 21, 1972 the Advisory Committee on Reactor Safeguards suggested that the responsibility of the Chief Quality Assurance Engineer with respect to the functions of the Quality Control Engineer be precisely defined.

The relationship between these two functions has not been precisely defined in your quality assurance program.

2. Your Project Plan which was issued on October 3, 1972 describes the responsibilities of Quality Control personnel to include reporting of the status of equipment that may have an adverse impact on cost and schedule as well as quality of the project. It appears that cost and schedule concerns could unduly compromise the effectiveness of these personnel in performing quality related activities.

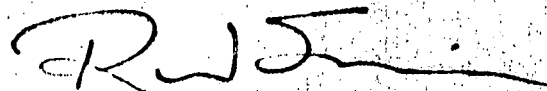
3. The quality assurance program of the Bechtel Corporation does not appear to provide for the timely review and approval of calculations conducted in support of, or which provide the basis for, engineering design effort.

In your reply to this letter, please provide your comments relating to Items 1 through 3, above, including any actions which have been taken or which are to be taken by you with regard to these items.

It is our understanding, based upon discussions with your project personnel, that you plan to revise the project organization described in your Quality Assurance Manual at an early date to incorporate the substantial changes made in this organization in recent months. This item will be examined during the next inspection.

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

Sincerely,



R. W. Smith
Director

Enclosure:
As Stated

cc: C. G. Johnson, SCE, w/cy encl.

bcc w/cy enclosure:
RO Chief, RCB
RO:HQ (4)
Directorate of Licensing (4)
DR Central Files
GC

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One of your activities appears to be in noncompliance with AEC regulations, as indicated below:

1. 10CFR50, Appendix B, Criterion IV, states, in part, "...to the extent necessary, procurement documents shall require contractors or subcontractors to provide a quality assurance program consistent with the pertinent provisions of this appendix."

Contrary to the above, your purchase order issued to the Bechtel Corporation for design work on the San Onofre Unit 2 and 3 project does not specifically require Bechtel Corporation to provide a quality assurance program consistent with 10CFR50, Appendix B.

ENCLOSURE

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