



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

February 19, 1986

Docket Nos. 50-206, 50-361,
and 50-362

Southern California Edison Company
ATTN: Mr. Kenneth P. Baskin, Vice President
Nuclear Engineering, Safety & Licensing
2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770

Gentlemen:

SUBJECT: INSPECTION NOS. 50-206/85-30; 50-361/85-29; and 50-362/85-28

Enclosed is the report of the team inspection conducted by Mr. R. C. Wilson and other NRC representatives on September 23 to 27, 1985, at the San Onofre Nuclear Generating Station of activities authorized by NRC License Nos. DPR-13, NPF-10, and NPF-15. The team's findings were discussed with you and members of your staff at the conclusion of the inspection. The inspection reviewed your implementation of a program as required by 10 CFR 50.49 for establishing and maintaining the qualification of electric equipment within the scope of 10 CFR 50.49. The inspection also included evaluation of your actions concerning EQ-related operating license conditions for Units 2 and 3. Within these areas, the inspection consisted of examinations of selected procedures and records, interviews with personnel, and observations by the inspectors.

The inspection determined that you have implemented a program to meet the requirements of 10 CFR 50.49 as well as the EQ-related Unit 2 and 3 license conditions. Seven deficiencies in your program implementation, of which three involve multiple units, are summarized in Appendix A and are classified as Potential Enforcement/Unresolved Items and will be referred to the NRC Region V office for further action. Six of the Potential Enforcement/Unresolved Items represent failures to fully document the qualification of the following types of equipment: Galite cable, Rockbestos Firewall EP cable, Target Rock solenoid valve, Honeywell E/P transducer, Rockbestos Firewall III cable, and ASCO solenoid valve. The seventh involves a procedural failure to specify procurement of upgraded replacement equipment. Six additional concerns are classified as Open Items, and a future NRC inspection will review your actions concerning them. Details of all the deficiencies and concerns are discussed in the enclosed inspection report.

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Southern California Edison
Company


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February 19, 1986

Your corrective actions regarding the identified deficiencies and concerns should not be delayed pending either a future NRC inspection or further action by the NRC Region V Office.

We are available to discuss any questions you have concerning this inspection.

Sincerely,



Gary G. Zech, Chief
Vendor Program Branch
Division of Quality Assurance, Vendor
and Technical Training Center Programs
Office of Inspection and Enforcement

Enclosure:

Inspection Report Nos. 50-206/85-30
50-361/85-29
50-362/85-28

APPENDIX A

Potential Enforcement/Unresolved Items

As a result of the special equipment qualification inspection on September 23 to 27, 1985, the following items have been referred to NRC Region V as Potential Enforcement/Unresolved Items (paragraph references are to be detailed portions of the inspection report).

1. Contrary to paragraphs (j) and (k) of 10 CFR 50.49, sections 5.1 and 5.2.2 of the DOR Guidelines, and section 5.0 of NUREG 0588 Cat. II, Southern California Edison Company (SCE) did not adequately demonstrate and/or document qualification of Galite thermocouple extension cable. (Paragraph 4.E.(1), Items 50-206/85-30-1; 50-361/85-29-1; 50-362/85-28-1.)
2. Contrary to paragraph (f) of 10 CFR 50.49, SCE did not adequately demonstrate and/or document qualification of Rockbestos Firewall EP cable. (Paragraph 4.E.(2), Item 50-206/85-30-2.)
3. Contrary to paragraphs (j) and (k) of 10 CFR 50.49 and section 7.0 of the DOR Guidelines, SCE did not adequately demonstrate and/or document qualification of a Target Rock solenoid valve. (Paragraph 4.E.(3), Item 50-206/85-30-3.)
4. Contrary to paragraphs (j) and (k) of 10 CFR 50.49 and section 5.1 of the DOR Guidelines, SCE did not adequately demonstrate and/or document qualification of a Honeywell E/P transducer. (Paragraph 4.E.(4), Item 50-206/85-30-4.)
5. Contrary to paragraphs (f), (j), and (k) of 10 CFR 50.49 and sections 2.1(1) and 2.7(7) of NUREG 0588 Cat. II, SCE did not adequately demonstrate and/or document qualification of Rockbestos Firewall III cable. (Paragraph 4.E.(5), Item 50-361/85-29-2; 50-362/85-28-2.)
6. Contrary to paragraphs (j) and (k) of 10 CFR 50.49 and section 7.0 of the DOR Guidelines, SCE did not adequately demonstrate and/or document qualification of an ASCO solenoid valve. (Paragraph 4.E.(6), Item 50-206/85-30-5.)
7. Contrary to paragraph (1) of 10 CFR 50.49, SCE's procurement procedures did not specify that replacement equipment must be qualified to 10 CFR 50.49 unless there are sound reasons to the contrary. (Paragraph 4.A, Item 50-206/85-30-6; 50-361/85-29-3; 50-362/85-28-3.)