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PACIFIC GAS AND ELECTRIC COMPANY

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J. O. SCHUYLER
VICE PRESIDENT
NUCLEAR POWER GENERATION

March 6, 1984

PGandE Letter No.: DCL-84-094

Mr. John B. Martin, Regional Administrator
U. S. Nuclear Regulatory Commission, Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368

Re: Docket No. 50-275, OL-DPR-76
Diablo Canyon Unit 1
Modifications, Repairs and Equipment Changes
Resulting from Allegations

Dear Mr. Martin:

On March 4, 1984, NRC Region V requested that PGandE provide, by March 6th, a description of Diablo Canyon modifications, repairs, and equipment changes which have resulted from the allegations investigation accomplished since September of 1983.

To respond to this request in the time available, Project Supervision in the Engineering, Construction and Licensing organizations has reviewed project activities and material prepared for submittal in response to allegations. The results of this review are enclosed.

PGandE believes this review has identified all items related to the NRC request; however, should additional items be identified NRC Region V will be notified.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

Sincerely,

J. O. Schuyler
J. O. Schuyler

Enclosure

cc: T. W. Bishop
D. G. Eisenhut
H. E. Schierling
Service List

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ENCLOSURE

MODIFICATIONS, REPAIRS, OR EQUIPMENT CHANGES
FROM ALLEGATIONS REVIEW PERFORMED SINCE SEPTEMBER 1983

Post September 1983 review of allegations and NRC inspection items concerning allegations has resulted in the following minor modifications and repairs.

1. PG&E review of small bore pipe support number 100-111, identified for NRC review by Mr. C. Stokes, resulted in a minor modification. The support provides restraint of the valve operator and the pipe at the valve. The modification was the addition of an axial restraint at the pipe to prevent transfer of forces to the operator in the axial direction. This change was made for consistency with Project standard practices even though analysis showed the change was not necessary to meet acceptance criteria.
2. One 1/2 inch diameter electrical raceway anchor bolt was replaced during the audit of concrete anchor bolts embedment. The original bolt was removed to verify, by physical measurement, the depth of embedment as indicated by ultrasonic measurement. The replacement bolt was fully embedded; however, engineering analysis would, in all probability, have shown qualification of the initial installation. Thirty-nine similar installations were analyzed and adequate safety factors were demonstrated as reported in PGandE letter DCL-84-059, dated February 16, 1984.
3. The NRC review of allegations related to electrical wire traceability led to the following changes:
 - a) Approximately eighty-four feet of Continental HTR wire, installed in the Control Room Positive Pressure Ventilation System was replaced. The wire was documented to be qualified and of the proper type and color code, however traceability to the source (wire reel) was not established. This is discussed in PGandE letter DCL-84-066, dated February 17, 1984.
 - b) Installation of a redundant isolation contact on the negative lead of Unit 1 RHR pumps and charging pumps control circuits, as specified by a Design Change Notice, had not been performed. This design change was made to assure that a fire in the Control Room would not affect control of this equipment from the Hot Shutdown panel in the Auxiliary Building. All similar design changes have been reviewed and proper installation verified. This discrepancy was documented in PGandE NCR DCI-RE-83-N008.

In addition to the above listed items, the investigation of allegations has resulted in extensive records review and some engineering analysis and testing to demonstrate the acceptability of existing installations.

