

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): RANCHO SECO UNIT NO. 1 DOCKET NUMBER (2): 0500031121 OF 012 PAGE 15

TITLE (4):

AMBIENT STARTUP OF DIESEL GENERATOR

EVENT DATE (5): MONTH DAY YEAR 06 08 84 LER NUMBER (6): SEQUENTIAL NUMBER REVISION NUMBER 019-00070884 REPORT DATE (7): MONTH DAY YEAR 06 08 84 OTHER FACILITIES INVOLVED (8): FACILITY NAME(S) DOCKET NUMBER(S) None 0500031121

OPERATING MODE (9): N THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11):
POWER LEVEL (10): 0.010
20.402(a) 20.402(b) 50.73(a)(1)(i) 73.71(a)
20.402(a)(1)(i) 50.73(a)(1)(ii) 50.73(a)(2)(i) 73.71(b)
20.402(a)(1)(ii) 50.73(a)(2)(ii) 50.73(a)(2)(iv)(A) OTHER (Specify in Abstract
20.402(a)(1)(iii) 50.73(a)(2)(iv)(B) here and in Part I, NRC Form
20.402(a)(1)(iv) 50.73(a)(2)(v) 305A/
20.402(a)(1)(v) 50.73(a)(2)(vi)

NAME: RON W. COLOMBO LICENSEE CONTACT FOR THIS LER (12): TELEPHONE NUMBER: AREA CODE 916 452 3211

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13):
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRC
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14): YES () NO (X) EXPECTED SUBMISSION DATE (15): MONTH DAY YEAR

ABSTRACT (16) (Type in 100 words or less. Approximately 1500 characters space typewritten (18):

On June 8, 1984 a Quality Assurance Review of Surveillance Procedures noted that in April of 1981 the Plant Review Committee (PRC) approved a change to Electrical Maintenance Procedures 177 A & B, which included an addition to the Limits and Precautions. This change stated that prior to running the procedures, a maintenance startup of the diesel generators shall be made to start and reach their rated speed and voltage within 10 seconds from initial ambient conditions. Consequently, Technical Specifications were violated when the diesel generators were no longer in an ambient state prior to the tests being performed.

Corrective action has been taken to ensure that both diesels will be at ambient condition prior to running procedures EM.177A and EM.177B. The Maintenance startup has been deleted from these procedures, thereby requiring the diesels to be tested from ambient conditions.

There were no consequences to plant or public safety as a result of this event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/86

FACILITY NAME (1): RANCHO SECO UNIT NO. 1	DOCKET NUMBER (2): 0500031284	LER NUMBER (6):			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
			019	00	02	OF 02

TEXT IS HERE WHEN IT APPLIES. Use additional NRC Form 308A (1/17)

On June 8, 1984 a Quality Assurance Review of Surveillance Procedures noted that in April of 1981 the Plant Review Committee (PRC) approved a change to Electrical Maintenance Procedure EM.177A and ... This change included an additional Limit and Precaution which stated that prior to running the procedure, a maintenance startup of the diesel should be performed. Rancho Seco Technical Specifications specifically state that the diesel generators shall be made to start and reach their rated speed and voltage within 10 seconds from initial ambient conditions. Consequently, Technical Specifications were violated when the diesel generators were no longer in an ambient state immediately prior to the tests being performed.

These Electrical Maintenance procedures were revised at that time to correct a problem the Technicians experienced while running the test. This occurred in March of 1981, after District mechanics replaced both fuel filters on the "A" Diesel generator due to high filter differential pressure. When electrical Maintenance Procedure EM.177A was performed, the Diesel generator did not get up to rated speed and voltage in the required 10 second time interval. Subsequently, during the investigation of this, the Electrical Technicians discovered that following the replacement of the fuel filters, the fuel lines had not been primed up to the fuel injectors. Therefore, the test failed due to an initial lack of fuel, basically "starving" the diesel during the first critical seconds. To prevent this problem from re-occurring, a change was made to EM.177A & B stating that prior to testing a maintenance startup should be performed. The intent of this change was to ensure that after any maintenance on the diesel the fuel lines and filters are properly primed with fuel. However, as a result of this preliminary startup, the diesels were no longer in an ambient condition, hence violating Technical Specifications.

Corrective action has taken place to ensure that both diesels will be in ambient conditions prior to running procedures EM.177 A and EM.177B. The Maintenance startup has been deleted thereby requiring the diesels to be tested from ambient conditions.

There were no consequences to plant or public safety as a result of this event.



SMUD

SACRAMENTO MUNICIPAL UTILITY DISTRICT ☐ 6201 S Street, Box 15830, Sacramento, California 95813; (916) 452-3211

RJR 84-262


July 6, 1984

J B MARTIN, REGIONAL ADMINISTRATOR
REGION V OFFICE OF INSPECTION AND ENFORCEMENT
ATTN: DOCUMENT CONTROL DESK
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON DC 20555

DOCKET NO. 50-312
LICENSE NO. DPR-54

In accordance with the requirements of 10 CFR 50.73 (a)(2)(v), the Sacramento Municipal Utility District hereby submits Licensee Event Report Number 84-19.

If there are any questions concerning this report, please contact Mr. Ron Colombo at the Rancho Seco Nuclear Generating Station.


R. J. Rodriguez
Executive Director, Nuclear

cc: Region V
INPO

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LER # 312-84019
EVENT DATE 840608
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