



**Pacific Gas and  
Electric Company®**

**James R. Becker**  
Site Vice President

Diablo Canyon Power Plant  
Mail Code 104/5/601  
P. O. Box 56  
Avila Beach, CA 93424

805.545.3462  
Internal: 691.3462  
Fax: 805.545.6445

July 22, 2011

PG&E Letter DCL-11-083

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

10 CFR 50.73

Docket No. 50-275, OL-DPR-80  
Diablo Canyon Unit 1  
Licensee Event Report 1-2011-005-00  
Emergency Diesel Generator Actuations Upon Loss of 230 kV Startup Due to  
Electrical Maintenance Testing Activities

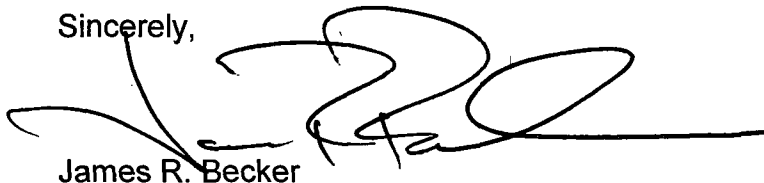
Dear Commissioners and Staff:

Pacific Gas and Electric Company submits the enclosed Licensee Event Report (LER) regarding the Diablo Canyon Power Plant Unit 1 emergency diesel generator actuations after 230 kV startup power was lost due to maintenance activities. This LER is submitted in accordance with 10 CFR 50.73(a)(2)(iv)(A) and 10 CFR 50.73(a)(2)(v)(D).

There are no new or revised regulatory commitments in this report.

These events did not adversely affect the health and safety of the public.

Sincerely,

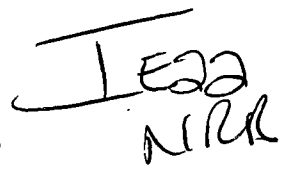


James R. Becker

dnpo/50405004/50405010

Enclosure

cc/enc: Elmo E. Collins, NRC Region IV  
Michael S. Peck, NRC Senior Resident Inspector  
James T. Polickoski, NRR Project Manager  
Alan B. Wang, NRR Project Manager  
INPO  
Diablo Distribution



**LICENSEE EVENT REPORT (LER)**  
(See reverse for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA/Privacy Section (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-10202, (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

<b>1. FACILITY NAME</b> Diablo Canyon Power Plant Unit 1	<b>2. DOCKET NUMBER</b> 05000 275	<b>3. PAGE</b> 1 OF 5
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**4. TITLE**  
Emergency Diesel Generator Actuations Upon Loss of 230 kV Startup Due to Electrical Maintenance Testing Activities

5. EVENT DATE			6. LER NUMBER			7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO.	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
05	26	2011	2011	5	0	07	22	2011		05000
									FACILITY NAME	DOCKET NUMBER
										05000

<b>9. OPERATING MODE</b> 1	<b>11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)</b>											
	<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> 50.73(a)(2)(vii)								
<b>10. POWER LEVEL</b> 100	<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)								
	<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)								
	<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)								
	<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 50.73(a)(2)(x)								
	<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(v)(A)	<input type="checkbox"/> 73.71(a)(4)								
	<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input type="checkbox"/> 73.71(a)(5)								
<input type="checkbox"/> 20.2203(a)(2)(v)	<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(C)	<input type="checkbox"/> OTHER									
<input type="checkbox"/> 20.2203(a)(2)(vi)	<input type="checkbox"/> 50.73(a)(2)(i)(B)	<input checked="" type="checkbox"/> 50.73(a)(2)(v)(D)	Specify in Abstract below or in NRC Form 366A									

**12. LICENSEE CONTACT FOR THIS LER**

FACILITY NAME Thomas R. Baldwin, Manager, Regulatory Services	TELEPHONE NUMBER (Include Area Code) (805) 545-4720
--	--

**13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT**

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX

<b>14. SUPPLEMENTAL REPORT EXPECTED</b>	<b>15. EXPECTED SUBMISSION DATE</b>	MONTH	DAY	YEAR
<input checked="" type="checkbox"/> YES (If yes, complete 15. EXPECTED SUBMISSION DATE) <input type="checkbox"/> NO		09	15	2011

**ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)**

At the time of the events, the Unit 2 Sixteenth Refueling Outage (2R16) was ongoing and scheduled 230 kV system testing was being performed on the 230 kV electrical protection equipment. On May 26, 2011, at 0226 PDT, and again on May 27, 2011, at 1212 PDT, while personnel were performing testing on Unit 2 to verify functionality of the 230 kV electrical protection equipment, Unit 1 lost 230 kV startup power.

The isolation of the offsite standby power source, and subsequent loss of power to startup feeder breakers for the 4.16 kV operating buses, caused all Unit 1 emergency diesel generators (EDGs) to start in standby mode. For both events, all Unit 1 EDGs started as designed, and were shutdown and returned to auto with no problems observed. Startup Transformers 1-1 and 1-2 were returned to service, and Unit 1 startup power was declared operable. Startup power on Unit 2 was cleared due to the maintenance activities being performed; therefore, it was unaffected by the events.

On May 26, 2011, at 0957 PDT, and on May 27, 2011, at 1712 PDT, Pacific Gas & Electric (PG&E) made 8 hour nonemergency reports (Reference NRC Event Notification 46894 and 46900) in accordance with 10 CFR 50.72(b)(3)(iv)(A).

PG&E preliminarily concluded that human performance deficiencies during testing activities associated with the 230 kV electrical protection equipment caused the loss of 230 kV startup power.

**LICENSEE EVENT REPORT (LER) U.S. NUCLEAR REGULATORY COMMISSION  
CONTINUATION SHEET**

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
Diablo Canyon Power Plant Unit 1	05000 275	YEAR	SEQUENTIAL NUMBER	REV NO.	2 OF 5
		2011	- 005	- 00	

**NARRATIVE**

**I. PLANT CONDITIONS**

When the events occurred, Unit 1 was in Mode 1 (Power Operation) at approximately 100 percent power.

**II. DESCRIPTION OF PROBLEM**

**A. BACKGROUND**

The Diablo Canyon Power Plant (DCPP) electrical systems are designed to ensure an adequate supply of electrical power to all essential auxiliary equipment during normal operation and under accident conditions. Nonvital 4.16 kV alternating current (AC) auxiliary buses are energized by either of the offsite power sources. Vital AC buses [EA][BU] have an additional available source: onsite power delivered by diesel generators. The electrical systems are designed so that failure of any one electrical device will not prevent operation of the minimum required engineered safety feature (ESF) equipment.

General Design Criteria (GDC) 17 states, in part,

“An onsite electric power system and an offsite electric power system shall be provided to permit functioning of structures, systems, and components important to safety. The safety function for each system (assuming the other system is not functioning) shall be to provide sufficient capacity and capability to assure that (1) specified acceptable fuel design limits and design conditions of the reactor coolant pressure boundary are not exceeded as a result of anticipated operational occurrences and (2) the core is cooled and containment integrity and other vital functions are maintained in the event of postulated accidents.”

DCPP offsite power is supplied by two systems that are physically and electrically separated and independent of each other: a 230 kV system and a 500 kV system. This satisfies requirements established by General Design Criteria (GDC) 17. The 230 kV system provides startup power and is immediately available following a loss-of-coolant accident (LOCA) to assure that core cooling, containment integrity, and other vital safety functions are maintained. To make power available to the vital 4.16 kV buses, the 230 kV system provides power to Startup Transformer (SUT)[EA][XFMR] 1-1 (230 kV to 12 kV), energizing the 12 kV bus which then feeds SUT 1-2 (12 kV to 4.16 kV). The 500 kV system provides for transmission of the plant's power output, and is also available as a delayed access source of offsite power after the main generator is disconnected.

To produce onsite power, each unit has three emergency diesel generators (EDGs)[EK][DG] which supply power to the 4.16 kV vital AC buses when power is unavailable or when a degraded voltage condition exists. After EDGs have started, they will supply power to their respective vital bus if the buses are deenergized. If the vital buses are not deenergized, the EDGs will continue to run in standby mode, ready to provide power if required. The EDGs will also start in standby mode on loss of startup power availability.

**LICENSEE EVENT REPORT (LER)** U.S. NUCLEAR REGULATORY COMMISSION  
**CONTINUATION SHEET**

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
Diablo Canyon Power Plant Unit 1	05000 275	YEAR	SEQUENTIAL NUMBER	REV NO.	3 OF 5
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**NARRATIVE**

**B. EVENT DESCRIPTION**

At the time of the events, the Unit 2 Sixteenth Refueling Outage (2R16) was ongoing and scheduled 230 kV system testing was being performed on the 230 kV electrical protection equipment. On May 26, 2011, at 0226 PDT, and again on May 27, 2011, at 1212 PDT, while personnel were performing testing on Unit 2 to verify functionality of the 230 kV electrical protection equipment, Unit 1 lost 230 kV startup power.

The isolation of the offsite standby power source, and subsequent loss of power to startup feeder breakers for the 4.16 kV operating buses, caused all Unit 1 EDGs to start in standby mode. For both events, all Unit 1 EDGs started as designed, and were shutdown and returned to auto with no problems observed.

SUTs 1-1 and 1-2 were returned to service and Unit 1 startup power was declared operable on May 26, 2011, at 1710 PDT for the first event, and on May 27, 2011, at 1337 PDT for the second event.

Startup power on Unit 2 was cleared due to the maintenance activities being performed; therefore, it was unaffected by the events.

On May 26, 2011, at 0957 PDT, and on May 27, 2011, at 1712 PDT, Pacific Gas & Electric (PG&E) made 8 hour nonemergency reports (Reference NRC Event Notification 46894 and 46900) in accordance with 10 CFR 50.72(b)(3)(iv)(A).

**C. STATUS OF INOPERABLE STRUCTURE, SYSTEMS, OR COMPONENTS THAT CONTRIBUTED TO THE EVENT**

There were no inoperable structures, systems, or components that contributed to the event. All systems functioned as designed.

**D. OTHER SYSTEMS OR SECONDARY FUNCTIONS AFFECTED**

No other systems or secondary functions were affected.

**E. METHOD OF DISCOVERY**

The event was immediately known to licensed plant operators by alarms and indications received in the control room.

**F. OPERATOR ACTIONS**

Plant operators performed required surveillances, secured the Unit 1 EDGs, and proceeded to restore the availability of startup power to Unit 1.

**G. SAFETY SYSTEM RESPONSES**

All Unit 1 EDGs started as designed with no problems observed.

**LICENSEE EVENT REPORT (LER) U.S. NUCLEAR REGULATORY COMMISSION  
CONTINUATION SHEET**

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
Diablo Canyon Power Plant Unit 1	05000 275	YEAR	SEQUENTIAL NUMBER	REV NO.	4 OF 5
		2011	- 005	- 00	

**NARRATIVE**

**III. CAUSE OF THE PROBLEM**

**A. IMMEDIATE CAUSE**

PG&E preliminarily concluded that human performance deficiencies during testing activities associated with the 230 kV electrical protection equipment caused the loss of 230 kV startup power. The event on May 26, 2011, appears to have been caused by personnel attaching test equipment to terminals associated with the incorrect 230 kV protection system circuit (incorrect current transformer). The event on May 27, 2011, was caused by personnel attaching test equipment to terminals associated with a 230 kV protection system relay on the incorrect unit.

**B. CAUSE**

The cause will be provided in a supplemental report following the completion of a root cause evaluation (RCE).

**IV. ASSESSMENT OF SAFETY CONSEQUENCES**

At DCP, the 230 kV startup system is the only offsite power system which is designed to be immediately available to mitigate the consequences of postulated accidents; therefore, this event could have prevented fulfillment of a safety function of the offsite electric power system. However, the Class 1E onsite EDGs remained available and would have provided power following a loss of offsite power.

The voltage on operating 12 kV buses was not affected by the isolation of 230 kV startup power, and the EDGs were not required since all vital buses were energized by Unit 1 auxiliary power (the Unit 1 main generator). As a result, no vital loads were affected by this event.

The increased conditional core damage probability for this event was assessed and found to be less than 4E-07.

This event had no adverse effect on the health and safety of the public.

**V. CORRECTIVE ACTIONS**

**A. IMMEDIATE CORRECTION ACTIONS**

For the May 26, 2011 event, PG&E performed troubleshooting to verify that the circuit was configured per the approved design; no issues were noted. The day and nightshift employees that perform this work were briefed on the event and on the station human performance tools that prevent such occurrences. Shortly after, with direct management oversight, the current circuit loop functional test was re-performed successfully.

For the May 27, 2011 event, PG&E re-performed the pre-job brief, focusing on roles and responsibilities, and installed barriers on all inservice relays that were not part of the testing. Management provided direct oversight, and independent verification was used for all restoration actions of the procedure.

**B. CORRECTIVE ACTIONS TO PREVENT RECURRENCE (CAPRs)**

CAPRs will be detailed in a supplemental report following the completion of a RCE.

U.S. NUCLEAR REGULATORY COMMISSION

**LICENSEE EVENT REPORT (LER)  
CONTINUATION SHEET**

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
<b>Diablo Canyon Power Plant Unit 1</b>	<b>05000 275</b>	YEAR	SEQUENTIAL NUMBER	REV NO.	<b>5 OF 5</b>
		2011	- 005	- 00	

**NARRATIVE**

**VI. ADDITIONAL INFORMATION**

**A. FAILED COMPONENTS**

All components functioned as designed.

**B. PREVIOUS SIMILAR EVENTS**

A previous event occurred during 2R16 when personnel were modifying a panel that houses 230 kV electrical protection equipment. During modification, there was a similar loss of 230 kV startup power and EDG actuation on Unit 1 (See ML11820377, Licensee Event Report submitted on June 30, 2011). This event is also being reviewed as part of the RCE scope.

## SUBMITTAL PROCESSING CHECKLIST

PG&E Letter No. (e.g., DCL, DIL, etc.)		
Subject: <u>LER 1-2011-00500, EMERGENCY DIESEL GENERATOR ACTUATIONS UPON LOSS OF 230 KV STARTUP DUE TO MAINTENANCE TESTING ACTIVITIES</u>		
Target Submittal Date: <u>7/19/11</u>	Firm Submittal Date: <u>7/25/11</u>	N/A <input type="checkbox"/>
File Location: <u>S:\RS\RA\LER\2011\</u>		
	Initial	Date
1. References & bases identified for factual information.	<u>DP</u>	<u>7/11/11</u>
2. Outgoing Correspondence Screen (RS-2) completed & commitments captured per XI4.ID1.	<u>DP</u>	<u>7/15/11</u>
3. RS Manager's concurrence for release obtained.	<u>DP</u>	<u>7/15/11</u>
4. Record of Review Checklist completed & signed per XI1.ID1.	<u>DP</u>	<u>7/19/11</u>
5. Clerical reviews completed. Draft # <u>1</u> <u>OOH</u> / <u>7/18</u> Draft # <u>2</u> <u>OOH</u> / <u>7/19</u>		
Final (on signatory letterhead)	<u>OOH</u>	<u>7/19/11</u>
6. Peer Review Checklist (RS-4) completed.	<u>DP</u>	<u>7/19/11</u>
7. Provide this checklist, the final letter & enclosures, Record of Review Checklist, & Outgoing Correspondence Screen to signatory. • For <b>FIRM</b> submittals, was 2 days met? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<u>DP</u>	<u>7/21/11</u>
8. Will entire submittal, including enclosures, be placed in RS & ACTS libraries and EDMS? If <b>NO</b> , complete form RS-1A, indicating where the enclosures, etc. will be maintained. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<u>DP</u>	<u>7/21/11</u>
9. Indicate RMS access level. Check one box only. <input checked="" type="checkbox"/> Reg Regular <input type="checkbox"/> "D" Proprietary <input type="checkbox"/> "B" Personnel Record <input type="checkbox"/> "A" Security Safeguards Information (SSI) • RMS folder name _____ (i.e., LAR, LER, etc.) • Put in envelope with a copy of this form attached on outside and put in SSI safe in RS Manager's office.	<u>DP</u>	<u>7/22/11</u>
10. Place copy of this checklist (including RS-1A, if applicable), the submittal & enclosures, Record of Review Checklist, & the Outgoing Correspondence Screen in the RMS (fireproof) file cabinet (or the SSI safe, if applicable).	<u>DP</u>	<u>7/22/11</u>
11. Deliver this checklist (including RS-1A, if applicable), original of signed submittal & enclosures, Outgoing Correspondence Screen, & Record of Review Checklist to clerks.	<u>DP</u>	<u>7/22/11</u>
12. Tracking documents (i.e., NCR ACTs or AEs) have been updated for submittal completion (including the LERtemplate.ppt, if the submittal is an LER). N/A <input type="checkbox"/> • LERtemplate.ppt is located at S:\RS\DCISC\LERs\LERtemplateYYYY.ppt	<u>DP</u>	<u>7/22/11</u>
13. Verify commitment entry on NCR ACTs or AEs within 15 days. N/A <input checked="" type="checkbox"/>	<u>DP</u>	<u>7/22/11</u>

## SUBMITTAL PROCESSING CHECKLIST – Supplement

Identify the enclosures, etc. (e.g., proprietary, personal, or SSI) that will **NOT** be filed in the RS and ACTS libraries, or EDMS, and where the actual documents will be maintained.

Examples:

Enclosure 1 (Personal information)	NRC 396 forms are retained by Learning Services and the DCPM Medical Facility.
Enclosure 3 (Diskette)	The diskettes are maintained by Radiation Protection.
Entire Document	The complete proprietary version of this document is available in the PG&E Law Department in San Francisco.

Item	Location
	NONE



**Regulatory Submittal - Record of Review Checklist**

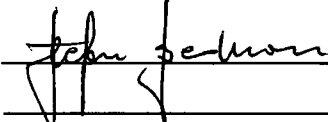
Submittal Title: LER 1-2011-005-00, EMERGENCY DIESEL GENERATOR ACTUATIONS UPON LOSS OF 230 KV STARTUP DUE TO MAINTENANCE TESTING ACTIVITIES

Targeted Submittal Date: 7/22/11 Firm Submittal Date: 7/25/11  N/A


Primary Reviewers	Name	Comments		Resolved	
		Yes	No	Yes	No
Lead Technical Reviewer:	<u>DIONYSIOS PETTAS</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead Technical Manager:	<u>THOMAS BALDWIN</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Director Review: <u>SITE SERVICES</u>	<u>STEVEN DAVID</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Submittal Lead Management:	<u>STEPHAN</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Independent Technical Reviewer:	<u>DP 7/19 <del>STEPHAN</del> STEPHAN BEDNARZ</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Discipline Reviewer(s):		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Operations:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Maintenance:	<u>JOHN MACINTYRE</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Engineering:	<u>RYAN WEST</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Site Services:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Quality:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Law:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Chemistry & Env Ops:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> PSRC:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Secondary Reviewers	Name	Comments		Resolved		
		Yes	No	Yes	No	
<input checked="" type="checkbox"/>	<u>OUTAGE WINDOW MGR.</u>	<u>ANDREW HALVERSON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<u>PROJECT MANAGER</u>	<u>TERRY ROSELLI</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I have reviewed and verified that all statements of fact in the submittal are correct. (Mark N/A and attach a copy of e-mail if documentation of ITR is electronic.)  N/A

Independent Technical Reviewer(s):  Date: 7/19/11  
Date: \_\_\_\_\_

Concurrence has been received from primary reviewers. Technical comments have been resolved. The independent tech reviewer has reviewed all technical (non-editorial) changes to the submittal.

Lead Licensing Engineer:  Date: 7/19/11

**PEER REVIEW CHECKLIST  
LICENSING SUBMITTAL**  
(To be performed on final draft only.)

PG&E Letter No. (e.g., DCL, DIL, etc.)	DCL-11-083
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ITEM	DESCRIPTION	INITIALS*
Cover Letter	Correct signatory letterhead (Ref. XI1.ID2)	JWB
	Full names used for signatory & cc list; right people listed	JWB
	Title correct	JWB
	Letter number verified against outgoing correspondence log	JWB
	Letter number appears on all pages	NA
	Enclosure(s) – the word is correctly placed on the cover letter if required.	JWB
	All pages numbered, except first page	JWB
	Date correct and appears on all pages (month, day, and year)	JWB
	Address and docket number(s) correct	JWB
	Text reviewed for obvious errors	JWB
	TS and/or 10 CFR references correct	JWB
	If affidavit required or NOV response, verify Law Department has reviewed	NA
	All Submittals	Text reviewed for obvious errors
Revision bars included (if applicable)		NA
TS and/or 10 CFR references correct		JWB
References to other documents correct (e.g., DCLs, FSAR, etc.)		JWB
Submittal addresses the specific regulation requirements		JWB
Enclosures labeled		NA
Outgoing Correspondence Screen (RS-2)	Letter number and title correct	JWB
	FSAR Update Review – one box checked.	JWB
	Commitment implemented before or after LA receipt (LARs/RAIs only)	NA
	Commitment(s) quoted verbatim (& clarifications made if needed)	NA
	Tracking Document – SAPN / Task / Order / Operation	JWB
	Assigned To - Name & Organization Code	JWB
	Commitment Type - Firm or Target & Due Date	JWB
	Outage Commitment - Y or N indicator & Applicable Outage	JWB
LER Forms (NRC Form 366) (NRC Form 366a)	PCD Commitment - Y or N indicator & Implementing Documents	JWB
	LER number correct; consistent with cover letter	JWB
	LER number & docket number(s) on first & remaining pages	JWB
	Title consistent with cover letter & Outgoing Correspondence Screen (RS-2)	JWB
	Dates correct on first page header (month, day, & year)	JWB
	Dates & times consistent with 10 CFR 50.72 ENS reports made	JWB
	Dates & times consistent with other source documents	JWB
	Dates & times consistent between abstract and narrative	JWB
	Page numbers correct & all pages accounted for	JWB
	Abstract word count IAW NRC Form 366	JWB
IEEE 803 codes entered and correct	JWB	
Procedure Submittals	Procedure revision numbers current using EDMS (e.g., EPIP)	NA
Filing Instructions	Filing instructions clear (Per RS-1A, if applicable)	JWB
ROR Checklist	Record of Review Checklist completed and signed	JWB
Final Draft	All discrepancies resolved with Lead Licensing Engineer	JWB

\* Enter N/A where not applicable.

I have reviewed this submittal for the items initialed above. This submittal is ready for the signatory.

Jack C. Hilly  
Performed by

7-19-11  
Date

# OUTGOING CORRESPONDENCE SCREEN

## (Remove prior to NRC submittal)

Document: PG&E Letter DCL-11-083

Subject: Emergency Diesel Generator Actuations Upon Loss of 230 kV Startup Due to Electrical Maintenance Testing Activities

File Location: S:\RS\CLERICAL\DCLS - FINAL\DCL-11-083\DCL-11-083.DOC

### FSAR Update Review

Utilizing the guidance in XI3.ID2, does the FSAR Update need to be revised?      Yes       No   
*If "Yes", submit an FSAR Update Change Request in accordance with XI3.ID2 (or if this is an LAR, process in accordance with WG-9)*

Statement of Commitment: Issue a supplement LER

<i>Tracking Document:</i>	<small>AR or NCR</small> 50412203	<small>AE or ACT</small> Task 18
<i>Assigned To:</i>	<small>NAME</small> D. Pettas	<small>ORGANIZATION CODE</small> NRN
<i>Commitment Type:</i>	<small>FIRM OR TARGET</small> 9/15/11	<small>DUE DATE:</small> 9/15/11
<i>Outage Commitment?</i>	<small>YES OR NO</small> No	<small>IF YES, WHICH? (E.G., 2R9, 1R10, ETC.)</small>
<i>PCD Commitment?</i>	<small>YES OR NO</small> No	<small>IF YES, LIST THE IMPLEMENTING DOCUMENTS (IF KNOWN)</small>
<i>Duplicate of New NCR Commitment in PCD?</i>	<small>YES OR NO</small> No	<small>IF YES, LIST PCD NUMBER (e.g., T35905, etc.)</small>
<i>Old PCD Commitment being changed?</i>	<small>YES OR NO</small> No	<small>IF YES, LIST PCD NUMBER, AND CLARIFY TO CLERICAL HOW COMMITMENT TO BE REVISED</small>