



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 10, 2014

LICENSEE: Pacific Gas and Electric Company

FACILITY: Diablo Canyon Power Plant, Unit Nos. 1 and 2

SUBJECT: SUMMARY OF DECEMBER 18, 2013, TELECONFERENCE MEETING WITH PACIFIC GAS AND ELECTRIC COMPANY ON DIGITAL REPLACEMENT OF THE PROCESS PROTECTION SYSTEM PORTION OF THE REACTOR TRIP SYSTEM AND ENGINEERED SAFETY FEATURES ACTUATION SYSTEM AT DIABLO CANYON POWER PLANT, UNIT NOS. 1 AND 2 (TAC NOS. ME7522 AND ME7523)

On December 18, 2013, a Category 1 teleconference public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Pacific Gas and Electric Company (PG&E, the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The meeting notice and agenda, dated November 25, 2013, is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML13312A646. The purpose of the teleconference meeting was to discuss the license amendment request (LAR) submitted by PG&E on October 26, 2011, for the Digital Replacement of the Process Protection System (PPS) Portion of the Reactor Trip System and Engineered Safety Features Actuation System at Diablo Canyon Power Plant, Unit Nos. 1 and 2 (DCPP) (ADAMS Accession No. ML113070457). A list of attendees is provided in Enclosure 1.

The teleconference meeting is one in a series of publicly noticed teleconference meetings to be held periodically to discuss issues associated with the NRC staff's LAR review. Preliminary issues that the NRC staff identified during the initial review, and the licensee's responses to these preliminary issues, were discussed during the teleconference meeting. The list of preliminary issues is provided in Enclosure 2.

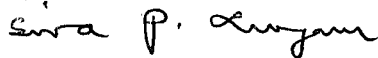
Highlights from this meeting on December 18, 2013, include the following:

- The project plan for the review of the LAR (Enclosure 3) was discussed and the major upcoming milestones were confirmed. The project plan will be updated as appropriate and discussed at the next public meeting.
- The NRC staff discussed reduced review efforts until the next planned submittals in March or April 2014, following the DCPP planned refueling outage in February.
- The NRC staff discussed the development of an audit plan for TRICOM in May and ALS in June 2014.
- The revised document submittal schedule was discussed and NRC staff informed the licensee that revisions to the Software Design Description documents will not

need to be submitted to the NRC as long as the staff has access to the current versions of these documents on the SharePoint site. All other planned SharePoint availability and submittal dates are acceptable to the staff.

- The licensee agreed to provide support for the upcoming Office of the Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting on February 18, 2014. A draft copy of the staff's presentation is available to the licensee on the SharePoint site. A presentation to the full ACRS committee is scheduled for March 2014.
- A third request for additional information (RAI) letter will be sent to the licensee in January with an expected response in March of 2014. These RAIs are being derived from Open Items that have been previously discussed. References to these RAIs are being added to the open items table.
- The NRC staff and the licensee agreed that the next periodic teleconference public meeting on this topic would be held during the second week of February 2014.

Please direct any inquiries to me at 301-415-1564 or at [Siva.Lingam@nrc.gov](mailto:Siva.Lingam@nrc.gov).



Siva P. Lingam, Project Manager  
Plant Licensing Branch IV-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-275 and 50-323

Enclosures:

1. List of Attendees
2. Staff Identified Issues That are Open
3. Project Plan

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES

DECEMBER 18, 2013, TELECONFERENCE MEETING WITH

PACIFIC GAS AND ELECTRIC COMPANY REGARDING

DIGITAL UPGRADE FOR DIABLO CANYON

POWER PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-275 AND 50-323

<u>NAME</u>	<u>ORGANIZATION</u>
K. Schrader	Pacific Gas and Electric
S. Patterson	Pacific Gas and Electric
A. Wilson	Pacific Gas and Electric
J. Hefler	Altran
R. Lint	Altran
K. Durinsky	Westinghouse
D. Head	Invensys
R. Stattel	Nuclear Regulatory Commission (NRC)
R. Alvarado	NRC
B. Benney	NRC
G. Cleifton	Nuclear Energy Institute

No	Src/RI	Issue Description	P&GE response:	Status	RAI No. (Date Sent)	RAI Response (Due Date)	Comments
60	RJS (STSB/A PLA)	<p>Technical Specifications:</p> <p>In order for the staff to make a determination that the existing technical specifications and surveillance intervals remain acceptable for the replacement PPS system, an evaluation to compare the ALS/Tricon PPS system reliability and performance characteristics with those of the Eagle 21 system must be performed by PG&amp;E.</p> <p>Please provide an evaluation summary report to support the application of existing technical specification and surveillance test intervals to the upgraded ALS/Tricon based PPS system. This summary report is expected to include a quantitative analysis to demonstrate the new system's ability to perform its required safety functions between established surveillance test intervals. This report should also include a qualitative (i.e., deterministic) analysis which describes the self diagnosis and fault detection features of the replacement PPS. In addition, this summary report should address the staff's previous findings in Section 4.3, "Applicability of WCAPs to DCP," of Amendment No. 179, dated January 31, 2005 (ML050330315).</p>	<p>PG&amp;E Response: An evaluation summary report to support application of the exiting TS and TS surveillance test intervals is contained in the Westinghouse Document, "Justification for the Application of Technical Specification Changes in WCAP-14333 and WCAP-15376 to the Tricon/ALS Process Protection System" that was submitted in Attachment 9 to the Enclosure of PG&amp;E Letter <b>DCL-13-016</b> dated March 7, 2013. The document provides a qualitative comparison of features important to the reliability of the Tricon and ALS subsystems and the Eagle 21 system, evaluates the applicability of the WCAP-14333 P A, Revision 1, and WCAP-15376-P-A, Revision 1, analyses to the PPS replacement configuration, and evaluates the compliance with the staff conditions and limitations contained in the NRC safety evaluations for WCAP-14333 and WCAP 15376 and Section 4.3 of the Amendments 179 and 181.</p>	Open	RAI 39		<p>12/12/13 – RJS sent draft evaluation write-up to Karl for review.</p> <p>10/24/13 – RJS Reviewed the evaluation document.</p> <p>Carl Schulten is taking over for Christy. Information sent to Karl. Awaiting feedback.</p>

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93	RJS	<p>(ALS Audit Item)</p> <p>The RTM for the ALS subsystem was prepared using Westinghouse document WNA-DS-02442 to trace PG&amp;E requirements. The IV&amp;V team found that Westinghouse document WNA-DS-02442 does not capture all PG&amp;E requirements (see descriptions for Tickets #4787 and #4800). Please provide a description of how this issue is being resolved.</p>	<p>PG&amp;E Response: The 6116-00000 Diablo ALS Management Plan, revision 4, specifies an updated document structure that has all PG&amp;E Customer Requirements feeding directly into the 6116-00011, which will flow down into all ALS Diablo sub-ordinate requirement and design specifications. Westinghouse document WNA-DS-02442 has been removed from the document hierarchy. 6116-00000, revision 4, 6116-00011, revision 1, and the 6116-00059 RTM, revision 0, are all reflective of this new document structure. Documents 6116-00011, revision 1, was submitted under PGE Letter DCL-13-087 dated September 17, 2013. The next revision of the 6116-00059 RTM, Revision 1, will include traceability to the Core FPGA Design Specifications, and is expected to be submitted in June 2014.</p>	Open			<p>12/12/13 – RJS Current version of 6116-00059 on sharepoint is “0.” This does not establish traceability to the Core FPGA Design Specifications.</p> <p>10/16/13 – RJS New RTM still does not establish traceability to the 6116-10203, and 6116-10204 Core FPGA Design Specifications.</p> <p>Also A new revision of 6116-00059 will need to be docketed due to the significance of changes made since the original document was submitted.</p> <p>6116-00011, ALS SDS, revision 1</p> <p>6116-00059 ALS RTM, revision 0</p> <p>They are both</p>

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							available in the Sharepoint  SDS Rev. 0 is already on docket. [ML11277A152]  RTM to be submitted on Docket.
94	RJS	The ALS Topical Report Plant Specific Action Items will be made available to Westinghouse. When these are available, PG&E should prepare a document to identify how each applicable PSAI is being addressed for the PPS project. This document should include references to the LAR and supporting documents where PSAI's are addressed.	PG&E Response: The response to the ALS ASAs requires input from Westinghouse and a contract has been created to supply the required information. The response is expected to be submitted by 3/31/13.	Open	RAI 59		12/12/13 – RJS A version of the ALS TR / SE is now available and being reviewed.
101	RJS	Phase 2 Environmental Qualification Documentation:  Per ISG 6 Section D.5.1, the NRC staff needs to review the information provided to determine if the PPS equipment has been demonstrated to be able to operate within the <b>specified environment</b> . In order to do this the staff needs to have plant specific environmental data for the plant and specifically for the cable spreading room. The ISG 6 matrix (item 2.12) states that this information has been provided in the two vendor topical reports, however, these reports do not contain any plant specific data.  The NRC requires plant specific environmental condition data for normal operating conditions and the worst conditions expected during abnormal and accident conditions where the PPS equipment is expected to perform its safety function.	<ul style="list-style-type: none"> <li>Range of temperature and humidity conditions that are expected in the cable spreading room.</li> </ul>	Open	RAI 61		12/11/13 – RJS Seismic Reports posted on sharepoint. Further plant specific information including ping tests of PPS cabinets is still needed for evaluation.  11/1/13 – RJS Waiting for additional testing to be completed.  PG&E to provide

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		<ul style="list-style-type: none"> <li>• Seismic data for the Diablo Canyon OBE and SSE earthquakes including frequencies and acceleration values.</li> <li>• EMI / RFI data for areas where PPS equipment is to be installed.</li> </ul> <p>The FRS section does specify the ranges of temp and humidity but for seismic environment, it refers to documents DCM C-17, DCM C-25, DCM C-30, DCM C-28, and DCM T-10.</p> <p><i>Note: The required information may also be contained in the UFSAR. The staff is reviewing design basis information in the UFSAR, however specific environmental conditions applicable to the PPS equipment remain unclear to the staff.</i></p>	<p>PG&amp;E Response: PG&amp;E provided seismic information in the document titled "Westinghouse Seismic Test Report EQLR-224B, Rev. 1" on the Sharepoint on 12/3/13. Additional testing is required for the PPS cabinets to be used that is expected to be completed in May 2014.</p>				<p>estimate of completion for next call.</p> <p>6/26/2013: during this call the following clarifications were provided:</p> <ul style="list-style-type: none"> <li>- Describe specific conditions for the room where the system will be installed.</li> <li>- Is there any restrictive requirement for this room?</li> <li>- What is the relationship between the system specification requirement and environmental conditions?</li> </ul>
108	RJS	<p>Phase 2 Document Status Assessment:</p> <p>The staff performed an assessment of the phase 2 document matrix and would like to discuss several items in the table.</p> <p>We recognize that some of these items will not be available until after the FAT is performed, however, there are several other phase 2 documents that should be available now. We have identified the following documents that should not require completion of the design or FAT that have not yet been submitted. We will need a revised schedule for submittal of these documents by November 30<sup>th</sup> in order for us to proceed with the safety evaluation.</p>		Open			<p>12/11/13 – RJS Tricon Reliability Analysis document is on sharepoint. Schedule for submittal of all documents still needs to be provided.</p>

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		<p>VVSR's for phases of development beyond Planning/Req. (Both Vendors)                      Tricon 993754-1-819, Reliability Analysis                      Tricon 993754-1-811, Project specific platform FMEA (IEEE 352)                      PG&amp;E System level FMEA                      Tricon 993754-1-812, Validation Test Specification (Integrated System)                      Tricon 993754-1-868, Software Verification Test Plan</p>	<p>PG&amp;E Response:</p> <p>PG&amp;E is working with each Vendor to determine the submittal dates for the remaining Phase 2 documents not related to FAT testing that still need to be submitted. The schedule for the outstanding Invensys documents was provided on the Sharepoint on 12/17/13.</p>				
109	RJS	<p>Audit Preparation:</p> <p>In preparation for the follow-up audits at Invensys and at Westinghouse, the staff would like to have access to the configuration status accounting documents. Can the following documents be put onto the share point site?</p> <ol style="list-style-type: none"> <li>1. 6116-00050, Diablo Canyon PPS Configuration Status Accounting,</li> <li>2. Triconex Master Configuration List</li> </ol>	<p>PG&amp;E Response: The 6116-00050, Diablo Canyon PPS Configuration Status Accounting was put on the Sharepoint on 12/3/13.</p>	Open	No RAI		11/1/13 – RJS 6116-00050 to be put on sharepoint. Tricon doc will be made available prior to second audit.



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110	RJS	<p>ALS Defined "Safe States"</p> <p>Part a. Section 4.2.5.2 of the LAR (Page 64) states that "the redundancy checker compares outputs and critical internal states from the two cores and will drive the board to a <u>safe state</u> if the outputs of the cores do not agree."</p> <p>The staff reviewed the FRS and IRS documents to determine what the "safe state" is for any given ALS function, but was unable to identify specifications that define what these safe states are. Please provide a list of "Safe States" for each of the ALS functions below and describe how requirements for these states are established in the system design. If the system safe states are not defined by PG&amp;E, then please explain the basis used by the vendor to determine what the safe states are for each ALS function.</p> <p>ALS Function:</p> <ul style="list-style-type: none"> <li>• Low RCS Flow Reactor Trip - Assert</li> <li>• Pressurizer Pressure High Reactor Trip - Assert</li> <li>• Pressurizer Pressure Low Reactor Trip - Assert</li> <li>• Pressurizer Pressure Low-Low ESF - Assert</li> <li>• Pressurizer Pressure Low P-11 ESF Block - Assert</li> <li>• Containment Pressure High ESF - Assert</li> <li>• Containment Pressure High High-High ESF - As-Is</li> <li>• PORV Actuation on High PZR Pressure - As-Is</li> </ul> <p>Part b. Please explain what the "safe states" are for the ALS analog output signals. If a redundancy checker detects a discrepancy between the two cores, then do these analog outputs fail to some pre-determined value or do they fail as-is? The FRS or IRS documents do not seem to specify this level of system functionality.</p> <ul style="list-style-type: none"> <li>• RCS Narrow Range Temperature Output - 0 made</li> <li>• Pressurizer Vapor Space Temperature Output - 0 made</li> <li>• RCS Wide Range Temperature Output - 0 made</li> </ul>		Open	RAI 64		<p>12/12/13 – RJS Need to establish whether fail safe status applies to channel level or to board level.</p> <p>11/1/13 – RJS Discussed during 10/31 conference call. Asked licensee to reconsider the part b response. The NRC does not consider the fail safe states of analog signals to be unpredictable since they are defined in the FPGA specification.</p> <p>See Audit Requirement 2.d.</p> <p>10/24/13 – RJS I have determined that the fail safe states are defined in the FPGA specifications, however, it is still not clear how these determinations were made if not derived from licensee input</p>

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		<p>PG&amp;E Response:</p> <p>Part A: Additional information is being provided in the Functional Requirements Specification (Rev. 9), Sections 3.2.1.16.3 thru 3.2.1.16.6 that provide the requirements.</p> <p>For Deenergize to Trip comparator outputs (which includes all except Containment Pressure High-High ESF):</p> <p>[3.2.1.16.3] Deenergize to Trip comparator outputs shall be designed such that upon loss of electrical power, the resultant output is the tripped (deenergized) condition.</p> <p>[3.2.1.16.5] Detectable failures that could result in loss of ability to perform a required safety function should result in affected Deenergize to Trip comparators being placed in the tripped (deenergized) condition. This requirement does not apply to functions that are out of service.</p> <p>For the Energize to Trip Comparator Functions (Containment Pressure High-High ESF):</p> <p>[3.2.1.16.4] Energize to Trip comparator outputs shall be designed such that upon loss of electrical power, the resultant output is the non-tripped (deenergized) condition.</p> <p>[3.2.1.16.6] Detectable failures that could result in loss of ability to perform a required safety function should result in affected Energize to Trip comparators being placed in the non-tripped (deenergized) condition. This requirement does not apply to functions that are out of service.</p> <p>Note that 3.2.1.16.5 and 3.2.1.16.6 are "should" and not "shall" since the type of failure is undefined. Some failures could result in the inability of the affected system to place the output in the desired mode.</p> <p>Part B: The Functional Requirements Specification does not specify any particular failure mode for analog outputs. If the failure is a loss of power, they will fail low. Other failures are unpredictable making it difficult to assign a fail state that would be applicable in all cases.</p>					(i.e. FRS and IRS). FRS 3.2.1.16 defines Failure Mode Requirements.

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111	RJS	<p>ALS Manual Alarm Bypass Function –</p> <p>In the FPGA Requirements Specification (page 4-14) R4082 states that the Bypass alarm logic will be bypassed when the channels logic enable is not set. The rational provided is that the trip command is not being calculated so there would presumably be no need to actuate the alarm. This requirement seems to contradict requirement R4130 as well as Clause 5.8.3 of IEEE 603.</p> <p>Please provide an explanation of the benefit of providing this means of defeating this alarm? The staff feels that operators should be aware of the bypass status of each safety channel regardless of whether the safety function is operable or not. The staff is also concerned that situations could exist when the operator could be misled into believing that a channel is not bypassed (because of the cleared alarm) when in fact the channel bypass switch is in bypass.</p>	<p>PG&amp;E Response: In progress</p>	Open	RAI 65		<p>12/13/13 – RJS Request PGE provide explanation of channel not in use configuration. This is Audit item g.</p> <p>11/1/13 – RJS This item was discussed at the 10/31 conference call.</p> <p>This will require an RAI in order to provide clarification to the rational for maintaining this bypass of bypass alarm function when channel is not used. Also need clarification that bypass alarm will never be disabled for an active channel and will always provide alarm when in bypass condition.</p> <p>10/28/13 – RJS – This will be an Audit Item. See Audit Requirement 2.g.</p>

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112	SD	<p>PG&amp;E staff had discussed having the option of connecting a thumb drive to the MWS, in addition to connecting a printer, in order to allow technicians to print-to-file. Please clarify if a thumb drive will be connected to the MWS, and if so, what procedures will be implemented to maintain a secure the thumb drive.</p> <p>PG&amp;E staff also discussed the possibility of having only one printer connected to all MWSs (one printer connected to four Tricon MWSs and four ALS MWSs), instead of one printer per protection set (one printer connected to one Tricon MWS and one ALS MWS). Please explain if the design for connecting a printer to the MWSs will change from what is in the LAR, so that only one printer for all protection sets is used.</p>	<p>PG&amp;E Response: In progress</p>	New			

Project Plan for Diablo Canyon Replacement of Digital RPS and ESFAS

(PPS) - LAR Review (Rev. 16)

Step	Planned Date	Task	Actual Date
1	Oct. 26, 2011	PG&E LAR Submittal for NRC approval. Submittal includes all Phase 1 documents needed to be docketed prior to acceptance for review per ISG-06, "Digital Licensing."	Oct. 26, 2011
2	Jan. 12, 2012	Acceptance Review complete. LAR accepted for detailed technical review. Several issues identified that could present challenges for the staff to complete its review. Scheduled public meeting with PG&E to discuss the results of the acceptance review.	Jan. 12, 2012
3	Jan. 13, 2012	Acceptance letter sent to licensee.	Jan. 13, 2012
4	Jan. 18, 2012	Conduct Public Meeting to discuss staff's findings during the LAR acceptance review. Staff proceeds with LAR technical review.	Jan. 18, 2012
5	March 18, 2012	PG&E provides information requested in acceptance letter. Initiate bi-weekly telecoms with PG&E and its contractors to discuss potential RAI issues. Open Items spreadsheet will be maintained by NRC to document staff issues and planned licensee responses.	April 2, 2012
6	May 30, 2012	PG&E provides partial set of Phase 2 documentation per commitments made in LAR. <i>*PG&amp;E provided a subset of the Phase 2 documents on June 6<sup>th</sup></i> <i>See step 14 which is a milestone for submittal of all remaining Phase 2 documents.</i>	June 6, 2012*
7	July 2012	First RAI sent to PG&E on Phase 1 documentation (e.g., specifications, plans, and equipment qualification). Continue review of the application. Request 45 day response. (ML12208A364)	August 07, 2012
8	June 2012	SER for Tricon V10 Platform issued final. This platform becomes a Tier 1 review of the LAR. (ML12146A010)	May 15, 2012
8.1	June 2013	SER for Westinghouse ALS Platform issued final. This platform becomes a Tier 1 review of the LAR.	
9	September 2012	Receive answers to first RAI. (ML12256A308)	Sept. 11, 2012
10	November 2012	Audit trip to Invensys facility for thread audit; audit the life cycle planning documents and outputs, with particular emphases on verification and validation, configuration management, quality Assurance, software safety, the Invensys application software development procedures, and application software program design.	Nov. 13-16, 2012
10.1	December 2012	Audit report provided to PG&E.	February 21, 2013
11	February 2013	Audit trip to Westinghouse/CSI facility for thread audit; audit the life cycle planning documents and outputs, with particular emphases on verification and validation, configuration management, quality Assurance, software safety, the W/ALS	February 21, 2013

## Project Plan for Diablo Canyon Replacement of Digital RPS and ESFAS

### (PPS) - LAR Review (Rev. 16)

		application software development procedures, and PPS ALS application software program design.	
11.1	April 2013	Audit report provided to PG&E and its contractor.	April 11, 2013
12	March 2013	Second RAI Letter to PG&E on Phase 1 documentation	March 20, 2013
12.1	April 2013	Receive responses to Second set of RAI's	May 9, 2013
13	April 2013	LAR revision and all supporting documentation associated with the change in ALS and Tricon V10 workstation designs for the PPS are submitted.	April 30, 2013
14	August 2013	NSIR Cyber Security audit at Diablo Canyon site.	August 8 2013
14.1	December 2013 ?	Cyber Security Audit Report provided to licensee EICB Letter sent to PM 9/2/13 - ML13242A078 NSIR Report -	
15	December 2013	PG&E provides remaining set of Phase 2 documentation per commitments made in LAR. To include ALS PSAI related documents. See step 6 for initial submittal of Phase 2 documents.	
16	December 2013	All Documentation for DCPD W/CSI ALS and IOM/Triconex V10 processors applicable to the DCPD PPS LAR are submitted.	
17	TBD	Follow-up audit trip to Invensys facility for thread audit; audit the life cycle planning documents and outputs, with particular emphases on verification and validation, configuration management, quality assurance, software safety, the Invensys application software development procedures, and application software program design.	
17.1	TBD	Second Invensys audit report provided to PG&E.	
18	December 2013	Third RAI Letter to PG&E on Phase 2 documentation (e.g., FMEA, safety analysis, RTM, EQ test results, setpoint calculations.)	
18.1	February 2014	Receive responses to third set of RAI's.	
19	TBD	Audit trip to W/ALS facilities for additional thread audit items; audit hardware and software installation plans, configuration management reports, detailed system and hardware design, completed test procedures, V&V activities, summary test results (including FAT) and incident reports, and application code listings.	

# Project Plan for Diablo Canyon Replacement of Digital RPS and ESFAS

## (PPS) - LAR Review (Rev. 16)

19.1	TBD	Audit report provided to PG&E.	
20	TBD	(Optional) Audit trip to Invensys facilities for additional thread audit items; audit hardware and software installation plans, configuration management reports, detailed system and hardware design, completed test procedures, V&V activities, summary test results (including FAT) and incident reports, and application code listings.	
21	TBD	(Optional) Audit trip to DCPD test facilities for additional thread audit items.	
22	February 18 / March 2014	Presentation to ACRS Subcommittee/Full ACRS Committee on DCPD PPS LAR Safety Evaluation.	
23	March 2014	Complete draft technical SER for management review and approval.	
24	March 2014	Issue completed draft technical SER to DORL	
25	March 2014	Draft SER sent it to PG&E, Invensys, and W/CSI to perform technical review and ensure no proprietary information was included.	
26	April 2014	Receive comments from PG&E and its contractors on draft SER proprietary review.	
27	May 2014	Approved License Amendment issued to PG&E	
28	~September 2014 (tentative)	Inspection trip to DCPD for PPS Site Acceptance Testing (SAT), training and other preparation for installing the new system. To be coordinated with regional visit. Date based on receipt of new PPS system at the site in preparation for September 2015 Unit 1 Refueling Outage (1R19).	
29	~September 2015	Inspection trip to DCPD for PPS installation tests, training and other system installation activities for the new system. To be coordinated with regional visit. Date based on September 2015 Unit 1 Refueling Outage (1R19).	

need to be submitted to the NRC as long as the staff has access to the current versions of these documents on the SharePoint site. All other planned SharePoint availability and submittal dates are acceptable to the staff.

- The licensee agreed to provide support for the upcoming Office of the Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting on February 18, 2014. A draft copy of the staff's presentation is available to the licensee on the SharePoint site. A presentation to the full ACRS committee is scheduled for March 2014.
- A third request for additional information (RAI) letter will be sent to the licensee in January with an expected response in March of 2014. These RAIs are being derived from Open Items that have been previously discussed. References to these RAIs are being added to the open items table.
- The NRC staff and the licensee agreed that the next periodic teleconference public meeting on this topic would be held during the second week of February 2014.

Please direct any inquiries to me at 301-415-1564 or at [Siva.Lingam@nrc.gov](mailto:Siva.Lingam@nrc.gov).

/RA/

Siva P. Lingam, Project Manager  
Plant Licensing Branch IV-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-275 and 50-323

Enclosures:

1. List of Attendees
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3. Project Plan

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