



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

January 28, 2019

Mr. James M. Welsch
Vice President Nuclear Generation
and Chief Nuclear Officer
Pacific Gas and Electric Company
Diablo Canyon Power Plant
P.O. Box 56, Mail Code 104/6
Avila Beach, CA 93424

SUBJECT: DIABLO CANYON POWER PLANT – NRC INSPECTION
REPORT 05000275/2018004 AND 05000323/2018004

Dear Mr. Welsch:

On December 31, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Diablo Canyon Power Plant, Units 1 and 2. On January 10, 2019, the NRC inspectors discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Mark S. Haire, Chief
Project Branch A
Division of Reactor Projects

Docket Nos. 50-275 and 50-323
License Nos. DPR-80 and DPR-82

Enclosure:
Inspection Report 05000275/2018004 and
05000323/2018004 w/ Attachments:
1. Documents Reviewed
2. Request for Information

U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000275 and 05000323

License Numbers: DPR-80 and DPR-82

Report Numbers: 05000275/2018004 and 05000323/2018004

Enterprise Identifier: I-2018-004-0001

Licensee: Pacific Gas and Electric Company

Facility: Diablo Canyon Power Plant, Units 1 and 2

Location: Avila Beach, California

Inspection Dates: October 1, 2018 to December 31, 2018

Inspectors: C. Newport, Senior Resident Inspector
J. Reynoso, Resident Inspector
A. Athar, Project Engineer
P. Elkmann, Senior Emergency Preparedness Inspector
S. Hedger, Emergency Preparedness Inspector
R. Lanfear, Physical Security Inspector

Approved By: Mark S. Haire, Chief
Project Branch A
Division of Reactor Projects

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an integrated inspection at Diablo Canyon Power Plant, Units 1 and 2, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information. NRC-identified and self-revealed findings, violations, and additional items are summarized in the table below. Licensee-identified non-cited violations are documented in the Inspection Results at the end of this report.

List of Findings and Violations

No findings or violations of more than minor significance were identified during the inspection.

PLANT STATUS

Units 1 and 2 began the inspection period at full power.

On November 28, 2018, Unit 1 reduced power to 50 percent to clean water boxes and condensers and to troubleshoot high vibrations on main feedwater pump 1-1. Unit 1 returned to full power on December 5, 2018.

On December 1, 2018, Unit 2 tripped from full power due to a full load reject. Unit 2 returned to full power on December 3, 2018.

On December 18, 2018, Unit 2 reduced power to 50 percent to clean water boxes and condensers. Unit 2 returned to full power on December 20, 2018.

Units 1 and 2 operated at full power for the remainder of the inspection period.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2515, "Light-Water Reactor Inspection Program - Operations Phase." The inspectors performed plant status activities described in IMC 2515, Appendix D, "Plant Status" and conducted routine reviews using IP 71152, "Problem Identification and Resolution." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

REACTOR SAFETY

71111.04 - Equipment Alignment

Partial Walkdown (3 Samples)

The inspectors evaluated system configurations during partial walkdowns of the following systems/trains:

- (1) Unit 1, emergency diesel generator 1-2 on October 24, 2018
- (2) Unit 1, motor-driven auxiliary feedwater pump 1-2 on November 20, 2018
- (3) Unit 1, residual heat removal pump 1-2 on December 4, 2018

71111.05AQ - Fire Protection Annual/Quarterly

Quarterly Inspection (5 Samples)

The inspectors evaluated fire protection program implementation in the following selected areas:

- (1) Unit 2, component cooling water heat exchanger room in the turbine building 85 foot elevation on October 23, 2018
- (2) Unit 2, auxiliary feedwater pump rooms in the auxiliary building 100 foot elevation on October 29, 2018
- (3) Units 1 and 2, turbine building 104 foot elevation on November 5, 2018
- (4) Units 1 and 2, cable spreading room, H block 128 foot elevation on December 18, 2018
- (5) Units 1 and 2, turbine building 115 foot elevation on December 20, 2018

71111.07 - Heat Sink Performance

Heat Sink (1 Sample)

The inspectors evaluated the Unit 1, residual heat removal heat exchanger 1-1 performance on December 14, 2018.

71111.11 - Licensed Operator Regualification Program and Licensed Operator Performance

Operator Regualification (1 Sample)

The inspectors observed and evaluated a crew of licensed operators in the plant's simulator during steam generator tube rupture and loss of coolant accident scenarios on October 30, 2018.

Operator Performance (1 Sample)

The inspectors observed and evaluated operator performance during the following activities:

- (1) Units 1 and 2, control board walkdowns and control room observations during deep backshift hours on October 13, 2018
- (2) Unit 1, exercising full length control rods in accordance with surveillance testing procedure STP R-1A on October 25, 2018
- (3) Unit 1, routine in-service testing and surveillance of auxiliary feedwater pump 1-1 on November 20, 2018
- (4) Unit 1, changing letdown flow of the chemical and volume control system on November 26, 2018
- (5) Unit 2, decrease in electric output to remove high pressure feedwater heater from service due to a steam leak on December 15, 2018
- (6) Unit 2, power ramp to 50 percent reactor power due to degraded condenser conditions on December 18, 2018

71111.12 - Maintenance Effectiveness

Routine Maintenance Effectiveness (1 Sample)

The inspectors evaluated the effectiveness of routine maintenance activities associated with the following equipment and/or safety-significant functions:

- (1) Units 1 and 2, auxiliary feedwater on November 30, 2018

Quality Control (1 Sample)

The inspectors evaluated maintenance and quality control activities associated with the following equipment performance issues:

- (1) Units 1 and 2, review of quality control on December 18, 2018

71111.13 - Maintenance Risk Assessments and Emergent Work Control (4 Samples)

The inspectors evaluated the risk assessments for the following planned and emergent work activities:

- (1) Unit 1, elevated risk due to battery charger 131 out of service for maintenance on October 16, 2018
- (2) Unit 1, emergency diesel generator 1-2 out of service for major maintenance on November 6, 2018
- (3) Unit 2, auxiliary saltwater pump 2-1 out of service for emergent motor replacement on November 15, 2018
- (4) Unit 1, turbine-driven auxiliary feedwater pump 1-1 out of service for maintenance on November 20, 2018

71111.15 - Operability Determinations and Functionality Assessments (4 Samples)

The inspectors evaluated the following operability determinations and functionality assessments:

- (1) Unit 2, safety injection accumulator nitrogen fill rate changes on October 10, 2018
- (2) Unit 1, centrifugal charging pump 1-2 inboard bearing damage on October 17, 2018
- (3) Unit 2, 125 VAC ABB 'k-line' breaker position on October 22, 2018
- (4) Unit 2, special protection scheme switch modifications on December 4, 2018

71111.19 - Post Maintenance Testing (5 Samples)

The inspectors evaluated the following post-maintenance tests:

- (1) Unit 1, centrifugal charging pump 1-2, anti-rotation pin replacement, Work Order 64180661, on October 11, 2018

- (2) Units 1 and 2, auxiliary building exhaust fan damper E-1, damper actuator replacement, Work Order 64009658, on October 17, 2018
- (3) Unit 2, residual heat removal 2-2, HCV-637 potentiometer replacement, Work Order 60112923, on November 8, 2018
- (4) Unit 1, emergency diesel generator 1-2, air start system maintenance including control valve replacement and repairs, Work Order 64162830, on November 9-10, 2018
- (5) Unit 2, auxiliary saltwater pump 2-1, surveillance testing following motor replacement, Work Order 60114719, on November 16, 2018

71111.22 - Surveillance Testing

The inspectors evaluated the following surveillance tests:

Routine (1 Sample)

- (1) Unit 1, exercising full length control rods, per procedure STP R-1A, on October 25, 2018

In-service (1 Sample)

- (1) Unit 1, exercising turbine driven auxiliary feedwater steam admission valve FCV-95, per procedure STP V-3R5, on November 20, 2018

Reactor Coolant System Leak Detection (1 Sample)

- (1) Unit 2, reactor coolant system liquid sample, per procedure CAP E-1:IV, on November 24, 2018

71114.01 - Exercise Evaluation (1 Sample)

The inspectors evaluated the biennial emergency plan exercise on October 24, 2018. The exercise scenario simulated an accident and explosion with gas bottles used in welding which damaged two motor driven auxiliary feedwater pumps, an inadvertent action which damaged the third motor driven auxiliary feedwater pump, a pipe rupture which drained the refueling water storage tank into the Unit 1 fuel building, a feed line break in the turbine building, a broken core baffle plate which physically damaged fuel, and a radiological release to the environment. The inspectors observed the licensee's critique of exercise performance on October 31, 2018.

71114.04 - Emergency Action Level and Emergency Plan Changes (3 Samples)

The inspectors evaluated changes to the licensee's Emergency Plan, Sections 1, 6, and 7, and Appendices A, D, F, and G, on October 25, 2018. These changes were submitted to the NRC in May, June, and September 2018. These evaluations do not constitute NRC approval.

71114.06 - Drill Evaluation

Drill/Training Evolution (1 Sample)

The inspectors evaluated simulator-based licensed operator requalification training that included implementation of the licensee's emergency plan on October 16, 2018.

71114.08 - Exercise Evaluation – Scenario Review (1 Sample)

The inspectors reviewed and evaluated the proposed scenario for biennial emergency plan exercise on September 24, 2018.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification (7 Samples)

The inspectors verified licensee performance indicators submittals listed below:

- (1) BI01: Units 1 and 2, Reactor Coolant System (RCS) Specific Activity Sample [10/01/2017–09/30/2018]
- (2) BI02: Units 1 and 2, RCS Leak Rate Sample [10/01/2017–09/30/2018]
- (3) EP01: Drill/Exercise Performance Sample [10/01/2017–09/30/2018]
- (4) EP02: Emergency Response Organization Drill Participation Sample [10/01/2017–09/30/2018]
- (5) EP03: Alert And Notification System Reliability Sample [10/01/2017–09/30/2018]

71152 - Problem Identification and Resolution

Semiannual Trend Review (1 Sample)

The inspectors reviewed the licensee's corrective action program for trends that might be indicative of a more significant safety issue.

71153 - Follow-up of Events and Notices of Enforcement Discretion

Events (1 Sample)

The inspectors evaluated the licensee's response to a Unit 2 full load reject and reactor trip, on December 1, 2018.

EXIT MEETINGS AND DEBRIEFS

On September 24, 2018, the inspectors discussed the proposed biennial exercise scenario with Mr. M. Ginn, Manager, Emergency Preparedness, and other members of the licensee staff.

On October 1, 2018, the inspectors discussed the proposed biennial exercise scenario with Ms. J. Berkely, Branch Chief, Technological Hazards Branch, FEMA Region IX, and other staff at FEMA Region IX.

On October 26, 2018, the inspectors discussed performance during the biennial emergency preparedness exercise with Ms. J. Berkely and other staff at FEMA Region IX.

On November 14, 2018, the inspectors presented the results of the inspection of the licensee's biennial exercise with Ms. P. Gerfen, Station Director, and other members of the licensee staff.

On January 10, 2019, the inspectors presented the quarterly resident inspector inspection results to Mr. J. Welsch, Vice President Nuclear Generation and Chief Nuclear Officer, and other members of the licensee staff.

The inspectors verified no proprietary information was retained or documented in this report.

DOCUMENTS REVIEWED

71111.04: Equipment Alignment

Notification

50971726

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
OP B-2:I	RHR System Alignment Verification for Plant Startup	26
OP D-1:II	Auxiliary Feedwater System – Alignment Verification for Plant Startup	35B
OP J-6B:II	Diesel Generator 1-2 Make Available	40
OP J-6B:II-A	Diesel Generator 1-2 Alignment Checklist	0

71111.05: Fire Protection

Notifications

50951216	50873874	51003161	50994906
51000222	51000220	50382707	51008312
50654888			

Procedure

<u>Number</u>	<u>Title</u>	<u>Revision</u>
OM8.ID4	Control of Flammable and Combustible Materials	28

Drawings

<u>Number</u>	<u>Description</u>	<u>Revision</u>
RA-15/16	Fire Drawing: Radiological Control Area & H Block Elev 100' Unit 2	7
RA-21/122	Fire Drawing: Radiological Control Area & H Block Elev 128'	3
TB-14/16	Fire Drawing: Turbine Building Elev 85' Unit 2	10
TB-17/18	Fire Drawing: Turbine Building Elev 104' Units 1 and 2	5

71111.07: Heat Sink Performance

Procedure

<u>Number</u>	<u>Title</u>	<u>Revision</u>
MA1.ID22	Heat Exchanger Program	2B

71111.11: Licensed Operator Regualification Program and Licensed Operator Performance

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
JSIM-507	Evaluator Skills	0
OP AP-7	Degraded Condenser	50
OP B-1A:V	CVCS- Transfer Charging Pump	30
OP B-1A:XII	CVCS- Letdown System Establish Normal Letdown or Change Flow	23A
TQ2.DC3	Licensed Operator Continuing Training Program	29

71111.12: Maintenance Effectiveness

Notifications

50998429	50998368	50998381	50998387
51000350			

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
AD9.DC2	Receipt Inspection and Acceptance Testing	7C
AD9.ID11	Supplier Evaluation Process	8
AD9.ID7	Receipt Inspection and Acceptance Testing	9
CF3.ID13	Replacement Part Evaluation and CITE	31
CF3.ID9	Design Change Notice	0
CF5.ID2	Control of Material in Storage	15
MA1.ID17	Maintenance Rule Monitoring Program	31
QCP 10.1	Receipt Inspection Program	17
QCP 10.2	Inspection Activities	22
QCP 10.22	Supplemental Verification Activities at Receipt	1

Drawing

Description

NCR-DC0-89-EN-N020

Other

<u>Number</u>	<u>Description</u>	<u>Revision</u>
DCM C-17	Hosgri Response Spectra	
DCM S-3B	Auxiliary Feedwater	28
DCM T-6	Seismic Analysis	

71111.13: Maintenance Risk Assessments and Emergent Work Control

Notification

5100915

Work Order

64161519

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
AD7.DC6	On-line Risk Management	28
AD7.ID14	Assessment of Integrated Risk	18
AD7.ID17	PRA Significant Component Management	0
OP O-36	Protected Equipment Postings	17

71111.15: Operability Determinations and Functionality Assessments

Notifications

51000174	50849449	51004042	51004045
51002982	51004043	51004046	51004041
51004044	51000614	51000651	51000637
51006288	51006426		

Work Order

60114068

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
MP E-64.6A	Maintenance of ABB K-Line Circuit Breakers	45A
OM7.ID12	Operability Determination	38
OP1.DC1	Administrative Program to Control the Return to Power After a Reactor Trip	12A

71111.19: Post-Maintenance TestingNotifications

50992181	50992059	50954695	51000794
50823903	51004429	510004946	

Work Orders

60112923	64197366	64280662	60206785
64201570	64009658	64168537	

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
MP E-8.1	Centrifugal Charging Pump Motor Overhaul	12
MP I-1.4-6A	Hagan Remote/Manual Setpoint Station Acceptance Test Procedure	1
MP M-17.9	Auxiliary Saltwater Pump Maintenance	32
OP H-1:1	Auxiliary Building Safeguards Ventilation (ABVS)	19
OP J-6B:IV	Manual Operations Emergency Diesel DG 1-1	35
STP M-21-RTS.1	Return Diesel Engine to Service Following Outage Maintenance	17
STP M-4	Routine Surveillance Test of Auxiliary Building Safeguard Air Filtration System	41
STP M-9A2	Diesel Emergency Generator Routine Surveillance Test	10
STP P-ASW-A21	Comprehensive Test of Auxiliary Saltwater Pump 2-1	11
STP V-2J3	Outside Containment Residual Heat Removal Isolation Valves	14
STP V-3M2B	Exercising Valve RHR-HCV-637 RHR Heat Exchanger Outlet Valve	0

Drawing

<u>Number</u>	<u>Description</u>	<u>Revision</u>
107710	Unit 2 Residual Heat Removal, Sheet 2	36

71111.22: Surveillance TestingNotification

50971726

Work Orders

64197339	64198600	64198607	64181211
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Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
CAP C-19:III	Boron Analysis	0
CAP E-1:IV	CVCS Influent Sampling	10
STP P-AFW-II	Routine Surveillance Testing of Turbine Driven AFW Pump 1-1	36B
STP R-1A	Exercising Full Length Control Rods	25
STP V-3R5	Exercising Steam Supply to AFW Stop Valve FCV-95	21

71114.01: Exercise EvaluationNotifications

50877640	50877653	50880123	50880313
50881252	50904604	50934778	50935077
50946337	50946792	50955206	50959031
50959988	50967652	50981316	50982804
50986147	50993706	50997229	50997501
51002249	51002269	51002277	51002279
51002283	51002294	51002308	51002310
51002313	51002456	51002761	51002781
51002782	51002784	51002787	51002789
51002812	51003090		

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
EOP F-0	Critical Safety Function Status Trees	21
EP EF-1	Activation and Operation of the Technical Support Center, August 27, 2018	55
EP EF-2	Activation and Operation of the Operational Support Center, January 18, 2017	40
EP EF-3	Activation and Operation of the Emergency Operations Facility, October 18, 2018	47
EP G-1	Emergency Classification and Emergency Plan Activation, August 27, 2018	45
EP G-3	Emergency Notification of Offsite Agencies, August 27, 2018	60
EP G-4	Assembly and Accountability, January 19, 2017	30
EP G-5	Evacuation of Non-Essential Personnel, October 22, 2018	16
EP R-2	Release of Airborne Radioactive Materials Initial Assessment, August 27, 2018	36
EP RB-10	Protective Action Recommendations, August 27, 2018	21
EP RB-17	Operating Instructions for Quickdose, August 27, 2018	1
EP RB-2	Emergency Exposure Guide, February 7, 2011	8
EP RB-3	Stable Iodine Thyroid Blocking, October 11, 2016	9
EP RB-8	Instructions for Field Monitoring Teams, March 12, 2018	29

Other

<u>Number</u>	<u>Description</u>	<u>Date</u>
	Diablo Canyon Nuclear Power Plant Emergency Plan	September 2018
EP G-2, Attachment 11	Shift Phone Talker Checklist	August 6, 2018
EP G-3, Attachment 6	Instructions for Making Notification Phone Calls	August 14, 2018

71114.04: Emergency Action Level and Emergency Plan Changes

Notifications

50962681	50994795
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Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
EP EF-1	Activation and Operation of the Technical Support Center	55
TS3.ID2	Licensing Basis Impact Evaluations, June 27, 2017	44

Other

<u>Number</u>	<u>Description</u>	<u>Revision / Date</u>
	Emergency Plan Section 1 (Revision 4.08) and Appendix A (Revision 4.08)	June 13, 2018
	Emergency Plan Section 4 (Revision 4.17) and Section 6 (Revision 4.19), Appendices D (Revisions 5.01 and 5.02), F (Revision 4.06), and G (Revision 4.02)	September 26, 2018
	Emergency Plan Section 6 (Revision 4.18) and Section 7 (Revision 4.21)	May 17, 2018
EP-CALC-DCPP-1602	Containment Radiation EAL Threshold Values	1
PG&E Letter DCL-18-010	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan Implementing Procedure Update	February 26, 2018
PG&E Letter DCL-18-029	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan Implementing Procedure Update	April 11, 2018
PG&E Letter DCL-18-041	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan and Emergency Plan Implementing Procedure Update	May 17, 2018
PG&E Letter DCL-18-044	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan Update	June 13, 2018

Other

<u>Number</u>	<u>Description</u>	<u>Revision / Date</u>
PG&E Letter DCL-18-056	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan Implementing Procedure Update	July 25, 2018
PG&E Letter DCL-18-063	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan Implementing Procedure Update	August 23, 2018
PG&E Letter DCL-18-074	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan Update	September 26, 2018
PG&E Letter DCL-18-082	Docket No. 50-275, OL-DPR-80; Docket No. 50-323, OL-DPR-82; Diablo Canyon Units 1 and 2; Docket No. 72-26, Materials License No. SNM-2511; Diablo Canyon Independent Spent Fuel Storage Installation; Emergency Plan Implementing Procedure Update	October 15, 2018
Tracking Number: 2018-02	Update the Low Population Zone (LPZ) Definition	February 19, 2018
Tracking Number: 2018-09	Revise E-Plan Sections 7.1.1.3 and 7.1.4.3	March 7, 2018
Tracking Number: 2018-10	Revise E-Plan Sections 6.6.2.1, 6.6.2.2, and 6.6.7	March 7, 2018
Tracking Number: 2018-12	Revise E-Plan Section 7.7.8	March 7, 2018
Tracking Number: 2018-34	Document Conversion of DCL-16-099 Attachment 3 into Emergency Plan Appendix D Format	June 18, 2018
Tracking Number: 2018-40	Changes Made to CS1.3 and CG1.2	July 10, 2018
Tracking Number: 2018-50	Document the Changes to Emergency Plan Appendix F Rev. 4.06	June 9, 2018
Tracking Number: 2018-61	Add a HEPA Filter on the TSC Normal Ventilation System and a Radiation Shield Assembly	July 17, 2018
Tracking Number: 2018-75	Update RM-14/14R Table R-1 Values	August 9, 2018

71114.06: Drill Evaluation

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
EOP E-O	Reactor Trip or Safety Injection	45
R18-3	Simulator Event Sequence	0
TQ2.DC3	Licensed Operator Training Program	31

71151: Performance Indicator Verification

Notifications

50948620	50949924	50950208	50955950
50956892	50960063	50964200	50966964
50971951	50973193	50975431	50977094
50985644	50987750	50987962	50990683
50990684			

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
AWP EP-001	Emergency Preparedness Performance Indicators, April 24, 2017	21
AWP O-001	NRC Performance Indicators: RCS Specific Activity	13
CAP D-6	Specific Activity Determination in Liquid Samples	13
CY2.ID1	Radioactive Effluent Controls Program	14
EP G-1	Emergency Classification and Emergency Plan Activation	43, 44, 45
EP G-3	Emergency Notification of Offsite Agencies	58, 59, 60
EP MT-43	Early Warning System Testing and Maintenance, May 15, 2018	15
EP RB-10	Protective Action Recommendations	20, 21
STP R.10C	Reactor Coolant System Water Inventory Balance	46
XI1.ID5	Collection and Submittal of NRC Performance Indicators	1

Other

<u>Number</u>	<u>Description</u>	<u>Revision / Date</u>
	Diablo Canyon Power Plant Alert and Notification System Design Report, Early Warning System, Revision 4	July 2016
	RCS Dose Equivalent Iodine Quarterly Reports	PG&E DCPD Performance Indicator Program 2017 and 2018
	RCS Leakage Cycle 21 Data Units 1 and 2	January 16, 2017 through November 13, 2018
DEPI PEG-08	Drill and Exercise Performance Indicator (DEPI) Performance Evaluation Guide (PEG)	0
Lesson Plan: E3ECA33-D	SGTR	19
Lesson Plan: ECA00-A	Loss of All AC	22
Lesson Plan: R176S4	EAL Evaluations	1A

71153: Follow-up of Events and Notices of Enforcement DiscretionNotifications

51007073	51007071	51006634	51003229
51002995	50996028	50996398	51006869
51006288			

Procedures

<u>Number</u>	<u>Title</u>	<u>Revision</u>
OM7.ID1	Problem Identification and Resolution	53
OP1.DC1	Administrative Program to Control the Return to Power After a Reactor Trip	12A
OP1.DC31	Dissemination of Operations Information	8

**Request for Information for
Resident Inspection at
Diablo Canyon Power Plant -
4th Quarter 2018**

Please provide the following documents (use “date range of document request” unless otherwise noted):

1. Summary listing of all root and apparent cause evaluations performed on this system
2. Summary listing of all condition reports written on this system, sorted by category type
3. Summary listing of OE screening and dispositioning reviews
4. Summary listing of all corrective maintenance work orders, with description of work, performed on this system
5. List of all work orders, with description of work, planned within the next 6 months (from start of applicable quarter).
6. List of maintenance rule functional failure assessments – regardless of the result – performed on this system for previous two years. Include condition report numbers for each item on the list
7. Summary list of system design calculations
8. Summary list of fire impairments associated with this system
9. List of completed engineering changes and planned engineering changes (within the next six months of start of applicable quarter) associated with this system.
10. Schedule of system surveillance and work activities for the planned quarter of interest.
11. Summary listing of temporary and permanent modifications associated with the system completed within the last two years
12. Summary listing of 50.59 screenings and evaluations related to the system
13. Maintenance rule scoping and basis documents
14. Maintenance rule expert panel meeting minutes for meetings related to system
15. Current UA hours and UR data tracking documents (system health report)

4th Quarter 2018

System: Auxiliary Feedwater

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