



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

March 18, 2019

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

SUBJECT: DIABLO CANYON POWER PLANT, UNITS 1 AND 2 - NRC EXAMINATION
REPORT 05000275/2019301; 05000323/2019301

Dear Mr. Welsch:

On January 25, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed an initial operator license examination at Diablo Canyon Power Plant, Units 1, and 2. The enclosed report documents the examination results and licensing decisions. The preliminary examination results were discussed on January 17, 2019, with you and other members of your staff. A telephonic exit meeting was conducted on February 21, 2019, with Mr. R. Fortier, examination lead, who was provided with the NRC licensing decisions.

The examination included the evaluation of five applicants for a reactor operator license, three applicants for an instant senior reactor operator license, and one applicant for an upgrade senior reactor operator license. The license examiners determined that all the applicants satisfied the requirements of 10 CFR Part 55 and the appropriate licenses have been issued. There were no post-examination comments submitted by your staff. Enclosure 1 contains details of this report.

No findings were identified during this examination.

In accordance with 10 CFR 2.390 of the NRC's, "Rules of Practice and Procedure," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's

J. Welsch

2

Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Gregory E. Werner, Chief
Operations Branch
Division of Reactor Safety

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

Enclosure:
Examination Report 05000275/2019301
and 05000323/2019301
w/Attachment: Supplemental Information

cc w/encl: Electronic Distribution

**U.S. NUCLEAR REGULATORY COMMISSION
REGION IV**

Docket: 05000275, 05000323

License: DPR-80, DPR-82

Report: 05000275/2019301, 05000323/2019301

Enterprise Identifier: L-2019-OLL-0002

Licensee: Pacific Gas and Electric Company

Facility: Diablo Canyon Power Plant, Units 1 and 2

Location: 7 ½ miles NW of Avila Beach
Avila Beach, CA

Dates: January 14 through February 21, 2019

Examiners: C. Osterholtz, Senior Operations Engineer
T. Farina, Operations Engineer
N. Hernandez, Operations Engineer
B. Larson, Senior Operations Engineer

Approved By: Gregory E. Werner
Chief, Operations Branch
Division of Reactor Safety

Enclosure

SUMMARY

ER 05000275/2019301; 05000323/2019301; 01/14/2019 – 02/21/2019; Diablo Canyon Power Plant, Units 1 and 2; Initial Operator Licensing Examination Report

NRC examiners evaluated the competency of five applicants for reactor operator licenses, three applicants for instant senior reactor operator licenses, and one applicant for an upgrade senior reactor operator license at Diablo Canyon Power Plant, Units 1 and 2.

The licensee developed the examinations using NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 11. The written examination was administered by the licensee on January 25, 2019. NRC examiners administered the operating tests on January 14 – January 17, 2019.

The examiners determined that all the applicants satisfied the requirements of 10 CFR Part 55 and the appropriate licenses have been issued.

A. NRC-Identified and Self-Revealing Findings

None.

B. Licensee-Identified Violations

None.

REPORT DETAILS

4. OTHER ACTIVITIES (OA)

4OA5 Other Activities (Initial Operator License Examination)

.1 License Applications

a. Scope

The NRC examiners reviewed all license applications submitted to ensure each applicant satisfied relevant license eligibility requirements. Examiners also audited two of the license applications in detail to confirm that they accurately reflected the subject applicant's qualifications. This audit focused on the applicant's experience and on-the-job training, including control manipulations that provided significant reactivity changes.

b. Findings

No findings were identified.

.2 Examination Development

a. Scope

The NRC examiners reviewed integrated examination outlines and draft examinations submitted by the licensee against the requirements of NUREG-1021. The NRC examiners conducted an onsite validation of the operating tests.

b. Findings

No findings were identified.

The NRC examiners provided outline, draft examination and post-validation comments to the licensee. The licensee satisfactorily completed comment resolution prior to examination administration.

The NRC examiners determined the written examinations and operating tests initially submitted by the licensee were within the range of acceptability expected for a proposed examination.

.3 Operator Knowledge and Performance

a. Scope

On January 25, 2019, the licensee proctored the administration of the written examinations to all nine applicants. The licensee staff graded the written examinations, analyzed the results, and presented their analysis to the NRC on February 7, 2019.

The NRC examination team administered the various portions of the operating tests to all applicants on January 14 – January 17, 2019.

b. Findings

No findings were identified.

All applicants passed the written examination and all parts of the operating tests. The final written examinations and post-examination analysis may be accessed in the ADAMS system under the accession numbers noted in the attachment. There were no post-examination comments submitted by the licensee.

.4 Simulation Facility Performance

a. Scope

The NRC examiners observed simulator performance with regard to plant fidelity during examination validation and administration.

b. Findings

No findings were identified.

.5 Examination Security

a. Scope

The NRC examiners reviewed examination security for examination development during both the onsite preparation week and examination administration week for compliance with 10 CFR 55.49 and NUREG-1021. Plans for simulator security and applicant control were reviewed and discussed with licensee personnel.

b. Findings

No findings were identified.

40A6 Meetings, Including Exit

Exit Meeting

The chief examiner presented the preliminary examination results to Mr. J. Welsch, Vice President, Nuclear Generation and Chief Nuclear Officer, and other members of the staff on January 17, 2019. A telephonic exit was conducted on February 21, 2019, between Mr. C. Osterholtz, chief examiner, and Mr. R. Fortier, examination lead.

The licensee did not identify any information or materials used during the examination as proprietary.

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

J. Welsch, Vice President, Nuclear Generation and Chief Nuclear Officer
P. Gerfen, Station Director
J. Cox, Supervisor, Learning Services
R. Fortier, Lead, NRC Examination Development
B. Galvan, Manager, Operations
G. Goelzer, Operations Training Shift Manager
S. Guess, Manager, Principal, Business Operations
A. Kadir, Supervisor, Initial Licensing Training
C. Mehigan, Representative, NRC Examination Operations
J. Morris, Supervisor, Regulatory Services – Compliance
P. Nugent, Director, Engineering
B. Simpson, Manager, Operations Training
A. Sorenson, Regulatory Services Engineer
L. Toribio, Developer, NRC Examination

NRC Personnel

C. Newport, Senior Resident Inspector
J. Reynoso, Resident Inspector

ADAMS DOCUMENTS REFERENCED

Accession No. ML19050A491 - Final Written Exam (Do not release for two years)
Accession No. ML19050A491 - Final Operating Test (Do not release for two years)
Accession No. ML19050A494 - Post Exam Analysis (Do not release for two years)

DIABLO CANYON POWER PLANT, UNITS 1 AND 2 - NRC EXAMINATION REPORT
 05000275/2019301; 05000323/2019301 – MARCH 18, 2019

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ADAMS ACCESSION NUMBER: ML19077A135

SUNSI Review: ADAMS: Non-Publicly Available Non-Sensitive Keyword: NRC-002

By: CCO Yes No Publicly Available Sensitive

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