

April 24, 2013

MEMORANDUM TO: Michael T. Markley, Chief
Plant Licensing Branch LPL4
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Craig G. Erlanger, Chief /RA/
Cyber Security and Integrated Response Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

SUBJECT: REGULATORY AUDIT REPORT FOR THE FEBRUARY 11-14, 2013
CYBER SECURITY PILOT STUDY AT THE CS INNOVATION
FACILITY IN SCOTTSDALE, ARIZONA

In support of the Office of Nuclear Reactor Regulation, Division of Engineering, Instrumentation and Controls Branch, evaluation of the Diablo Canyon Nuclear Power Plant license amendment request for a digital Process Protection System (PPS) replacement, staff from the Office of Nuclear Security and Incident Response (NSIR), Division of Security Policy, Cyber Security and Integrated Response Branch, is conducting a pilot study to determine if security measures taken by the licensee and vendor address regulatory requirements under Title 10 of the *Code of Federal Regulations* 73.54, "Protection of Digital Computer and Communication Systems and Networks." As part of this study, the staff visited the CS Innovation facility in Scottsdale, Arizona on February 11-14, 2013. A regulatory audit report outlining staff observations from this visit is enclosed for your review and consideration. A summary audit report will be developed at a later date that details the results of all audits conducted as part of the pilot study and follow-on reviews (subsequent audits related to the PPS replacement) conducted by NSIR staff for other design elements associated with the PPS replacement.

Plant Name: Diablo Canyon Nuclear Power Plant, Units 1 and 2
Licensee: Pacific Gas and Electric
TAC Nos: ME7522, ME7523
Docket Nos: 50-275 and 50-323
Operating Licenses: DPR-80 and DPR-82
Responsible PM: J. Polickoski, NRR/DORL/LPL4
Review Branch: NSIR/DSP/CSIRB
Review Status: Review in Progress

Enclosure:
Diablo Canyon Digital Process Protection
System Regulatory Audit Report (ALS Platform)

CONTACT: Eric Lee, NSIR/DSP
301-415-8099

April 24, 2013

MEMORANDUM TO: Michael T. Markley, Chief
Plant Licensing Branch LPL4
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Craig G. Erlanger, Chief /RA/
Cyber Security and Integrated Response Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

SUBJECT: REGULATORY AUDIT REPORT FOR THE FEBRUARY 11-14, 2013
CYBER SECURITY PILOT STUDY AT THE CS INNOVATION
FACILITY IN SCOTTSDALE, ARIZONA

In support of the Office of Nuclear Reactor Regulation, Division of Engineering, Instrumentation and Controls Branch, evaluation of the Diablo Canyon Nuclear Power Plant license amendment request for a digital Process Protection System (PPS) replacement, staff from the Office of Nuclear Security and Incident Response (NSIR), Division of Security Policy, Cyber Security and Integrated Response Branch, is conducting a pilot study to determine if security measures taken by the licensee and vendor address regulatory requirements under Title 10 of the *Code of Federal Regulations* 73.54, "Protection of Digital Computer and Communication Systems and Networks." As part of this study, the staff visited the CS Innovation facility in Scottsdale, Arizona on February 11-14, 2013. A regulatory audit report outlining staff observations from this visit is enclosed for your review and consideration. A summary audit report will be developed at a later date that details the results of all audits conducted as part of the pilot study and follow-on reviews (subsequent audits related to the PPS replacement) conducted by NSIR staff for other design elements associated with the PPS replacement.

Plant Name: Diablo Canyon Nuclear Power Plant, Units 1 and 2
Licensee: Pacific Gas and Electric
TAC Nos: ME7522, ME7523
Docket Nos: 50-275 and 50-323
Operating Licenses: DPR-80 and DPR-82
Responsible PM: J. Polickoski, NRR/DORL/LPL4
Review Branch: NSIR/DSP/CSIRB
Review Status: Review in Progress

Enclosure:
Diablo Canyon Digital Process Protection
System Regulatory Audit Report (ALS Platform)

CONTACT: Eric Lee, NSIR/DSP
301-415-8099

ADAMS Accession Number: ML13101a278

| | | | |
|--------|---------------|----------------|----------------|
| OFFICE | NRO/DCIP/CEVB | NSIR/DSP/CSIRB | NSIR/DSP/CSIRB |
| NAME | S.Smith | E.Lee | C.Erlanger |
| DATE | 4/15/13 | 4/15/13 | 4/24/13 |

OFFICIAL COPY RECORD