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NUCLEAR REGULATORY COMMISSION
REGION IV
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March 14, 2000

Gregory M. Rueger, Senior Vice President
and General Manager
Nuclear Power Generation Bus. Unit
Pacific Gas and Electric Company
Nuclear Power Generation, B32
77 Beale Street, 32nd Floor
P.O. Box 770000
San Francisco, California 94177

SUBJECT: NRC INSPECTION REPORT NO. 50-275/00-04; 50-323/00-04

Dear Mr. Rueger:

This refers to the security assistance inspection conducted on February 22-25, 2000, at the Diablo Canyon Nuclear Plant, Units 1 and 2 facilities. The inspection was conducted by one region-based NRC inspector, one NRC Headquarters inspector, and three contractor personnel from the Reactor Safeguards Section, Office of Nuclear Reactor Regulation. The purpose of the inspection was to validate recent changes to your physical security plan that involved your defensive strategy and physical barriers. The enclosed report presents the results of this inspection.

The inspection determined that your physical security program was effectively implemented.

The material enclosed herewith contains Safeguards Information as defined by 10 CFR 73.21 and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended. Therefore, the material will not be placed in the Public Document Room.

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/RA/

Gail M. Good
Plant Support Branch
Division of Reactor Safety

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

Enclosure:
NRC Inspection Report No.
50-275/00-04; 50-323/00-04

cc w/enclosure:
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Pacific Gas and Electric Company

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HARDCOPY of entire SAFEGUARDS report:

Elaine McNeil (NRR/DIPM/IOLB/IRSS)(MS: 6H2)
RIV Docket File
Security Inspector (Earnest)

HARDCOPY without SAFEGUARDS portion of the report:

DMB IE-04
RIV File

E-Mail without SAFEGUARDS portion of the report:

DJL David Lange
IPAS NRR Event Tracking System
DOCDESK Document Control Desk
EWM Regional Administrator
KEB DRP Director
ATH DRS Deputy
DLP Diablo Canyon Senior Resident Inspector
DGA Diablo Canyon Resident Inspector
LJS DRP\Diablo Canyon Branch Chief
GAP DRP\Diablo Canyon Project Engineer
JWG Diablo Canyon Site Secretary
LAY Branch Chief (DRP\TSS)
GMG Branch Chief, DRP\PSB
MEP1 Ellen Poteat, OCFO/DAF/LFARB, (MS: TWFN 9E-10)
NBH RITS Coordinator

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ENCLOSURE

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

Docket Nos.: 50-275
50-323

License Nos.: DPR-80
DPR-82

Report No.: 50-275/00-04
50-323/00-04

Licensee: Pacific Gas and Electric Company

Facility: Diablo Canyon Nuclear Power Plant, Units 1 and 2

Location: 7 1/2 miles NW of Avila Beach
Avila Beach, California

Dates: February 22-25, 2000

Inspector(s): A. Bruce Earnest, Physical Security Specialist, Plant Support Branch

Approved By: Gail M. Good, Chief, Plant Support Branch

Attachment: Supplemental Information

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EXECUTIVE SUMMARY

Diablo Canyon Nuclear Power Plant, Units 1 and 2
NRC Inspection Report No. 50-275/00-04; 50-323/00-04

This was an announced inspection of the licensee's physical security program. The areas inspected included access control personnel and equipment, protected area detection aids, vital area barriers, and plant protection strategy.

Plant Support

- Tests of the metal detection and x-ray search equipment, coupled with the performance of the guard force, indicated that the licensee controlled personnel access to the plant protected area in an acceptable manner (Section S1.1).
- One zone failed to detect the test person during testing of the protected area detection system. Overall, the protected area detection system was acceptable. Vulnerabilities in the system could not be tested due to the use of metal spike barriers (Section S2.1).
- New vital area barriers significantly increased the time available for response personnel to successfully interpose between vital equipment and potential intruders (Section S2.2).
- Changes to the physical security plan were properly reported within the required time frame and did not reduce the effectiveness of the plan (Section S3.1).
- The licensee performed in an excellent manner during tabletop exercises that tested the ability to protect the plant from the design basis threat. The strategy utilized was effective in providing a sufficient number of appropriately armed responders to protected positions in time to interdict armed adversaries with the capabilities of the design basis threat. The inspection validated changes to the physical security plan and defensive strategy (Section S8.1).

ATTACHMENT

SUPPLEMENTAL INFORMATION

PARTIAL LIST OF PERSONS CONTACTED

Licensee

A. Allison, Control Technician, Security
D. Andrews, Technical Maintenance, Security
D. Christenson, Engineer, Nuclear Safety and Licensing
H. Cowan, Shift Supervisor, Security
S. Coy, Mechanic, Maintenance
W. Crockett, Manager, Nuclear Quality Services
W. Drake, Supervisor, Security
S. Fridly, Manager, Site Services
J. Grigsby, Technical Maintenance, Security
W. Hay, Watch Commander, Security
B. Hansen-Harris, Security Access Coordinator
F. Herr, Technician, Maintenance
G. Holtz, Project Manager, Security
J. Hubble, Supervisor, Security
P. Hughes, Nuclear Security Officer, Security
L. Lunsford, Supervisor, Operations and Training, Security Services
J. Miller, Watch Commander, Security
M. Mosher, Supervisor, Nuclear Quality Services
S. Noe, Auditor, Nuclear Quality Services
M. Parsons, Nuclear Security Officer, Security
R. Reynolds, Alarm Station Operator, Security
S. Roberts, Team Leader, Maintenance
W. Ryan, Supervisor, Security
C. Staley, Nuclear Security Officer, Security
R. Taylor, QA Engineer, Nuclear Quality Services
K. Thompson, Shift Foreman, Plant Operations
R. Todaro, Director, Security Services
R. Vanderlinden, Technical Planner, Maintenance
A. Wells, Watch Commander, Security
J. Young, Director, Nuclear Quality Services
R. Zimkowski, Security Operations

NRC

G. Good, Chief, Plant Support Branch
D. Acker, Resident Inspector

INSPECTION PROCEDURES USED

IP 81700 Physical Security Program for Power Reactors
IP 92700 Onsite Review of Licensee Events
IP 92904 Followup - Plant Support

LIST OF ITEMS OPENED AND CLOSED

Items Opened

None.

Items Closed

50-275;-323/99-S001 LER Inadequate Protected Area Detection Zone
50-275;-323/9819-01 IFI Metal Detectors

LIST OF DOCUMENTATION REVIEWED

Physical Security Plan, Revisions 18, Change 17
Security Procedure OM11.1D1, Revision 8, "DCPP Site Access Process"