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PACIFIC GAS AND ELECTRIC COMPANY

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77 BEALE STREET, SAN FRANCISCO, CALIFORNIA 94106
P.O. BOX 7442, SAN FRANCISCO, CALIFORNIA 94120

TELEPHONE (415) 781-4211
TELECOPIER (415) 543-7813

ROBERT OHLBACH
VICE PRESIDENT AND GENERAL ATTORNEY

CHARLES T. VAN DEUSEN
PHILIP A. CRANE, JR.
HENRY J. LEPLANTE
JOHN B. GIBSON
ARTHUR L. MILLMAN, JR.
CHARLES W. THISELL
DANIEL E. GIBSON
JACK P. FALLIN, JR.
JOSEPH I. KELLY
ASSISTANT GENERAL COUNSEL

GILBERT L. HARRIS
GLENN WEST, JR.
HOWARD V. GOLUB
JAMES C. LORSON
ROBERT L. BORDEN
PETER W. HANSCHE
RICHARD F. LOCKE
DAVID L. LUDVIGSON
WILLIAM H. EDWARDS
F. RONALD LUDWIGMEYER
ROBERT R. RICKETT
DAVID J. WILLIAMSON
BRUCE R. WORTHINGTON
SENIOR COUNSEL

EDWARD J. MCCANNERY
DAN GRAYSON LUSBOCK
BERNARD J. DELLASANTA
JOSHUA BARLEY
JOSEPH B. ENGLERT, JR.
ROBERT L. HARRIS
DOUGLAS A. GILLESBY
J. PETER BAUMGARTNER
JOHN H. FAYE
J. MICHAEL WEIDENBACH
IVOR E. SAMSON
SHIRLEY A. WOOD

DAVID W. ANDERSON
CRAIG M. BUCHSBAUM
LEIGH S. CARRIDY
AUDREY A. DAINES
DONALD D. ERICKSON
DAVID C. GILBERT
GAIL A. GREELY
JUAN M. JAYO
MERIE E. LIPSON
JESSICA LORSON
A. KIRK MCKENZIE
RICHARD L. MEISS
KENNETH D. OLSON
SHIRLEY A. SANDERSON
JACK W. SHUCK
KENNETH TAND

IANHAN T. ANNARD
STEVEN P. BUREE
PAMELA CHAPPELLE
BART R. EICHMAN
DAVID H. FLEISCH
PATRICK D. GOLDEN
STEVEN F. GREENWALD
RICHARD C. JONES
HARRY W. LONG, JR.
JOHN B. LOW
ROBERT S. MCLENNAN
RICHARD H. MOSS
ROBERT J. PETER
JO ANN SHAFER
LOUIS E. VINCENT
ATTORNEYS

July 1, 1982

Judge Robert M. Lazo, Esq., Chairman
Atomic Safety and Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Judge David R. Schink
Atomic Safety and Licensing Board
Department of Oceanography
Texas A&M University
College Station, TX 77840

Judge Gustave A. Linenberger
Atomic Safety and Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Docket No. 50-133, OL DPR-7
Humboldt Bay Power Plant, Unit No. 3

Gentlemen:

In its Memorandum and Order ("Order") dated February 16, 1982, the Board directed PGandE to file a detailed status report with the Board starting April 1, 1982, and each three months thereafter, until final resolution of the future operation of Humboldt Bay Power Plant, Unit No. 3.

Enclosed is Pacific Gas and Electric Company's second quarterly status report, dated July 1, 1982. This report summarizes the current plant status and status of PGandE's activities.

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Judge Robert M. Lazo, et al.

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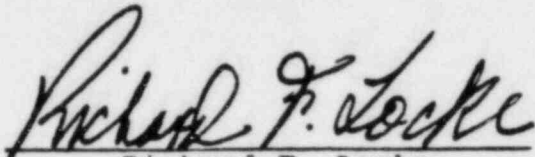
July 1, 1982

In accordance with Item 1 of the Order, PGandE will complete studies to support a decision regarding the future disposition of the Humboldt Bay Power Plant, Unit No. 3, within six months of the issuance by the NRC of a final reactor safety policy statement and its associated goals and guidelines.

Respectfully submitted,

ROBERT OHLBACH
PHILIP A. CRANE, JR.
RICHARD F. LOCKE
Attorneys for Pacific Gas
and Electric Company

By:


Richard F. Locke

cc: Service List

Enclosure

bcc: (w/enc.)
Humboldt Distribution
✓ Mr. Mr. R. H. Engelken
Regional Administrator
Mr. Vern Rooney
Project Manager
Mr. Dominic Vassallo
Chief Operating Reactor
Branch No. 2

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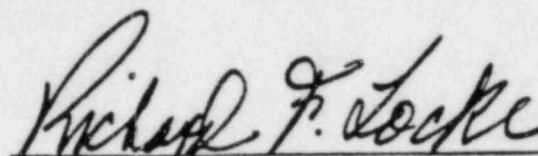
July 1, 1982

In accordance with Item 1 of the Order, PGandE will complete studies to support a decision regarding the future disposition of the Humboldt Bay Power Plant, Unit No. 3, within six months of the issuance by the NRC of a final reactor safety policy statement and its associated goals and guidelines.

Respectfully submitted,

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Branch No. 2

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PACIFIC GAS AND ELECTRIC COMPANY
HUMBOLDT BAY POWER PLANT, UNIT NO. 3

Quarterly Status Report

July 1, 1982

Since PGandE's last status report dated March 31, 1982, activities on Humboldt Bay, Unit 3, can be broken down into five items. The activities on each of these items are discussed below:

1. Plant Operational Status

Humboldt Bay Unit 3 continues to be maintained in a cold shutdown condition. The reactor coolant system is filled with reactor coolant but depressurized. The reactor vessel head and shield plug are in place. The reactor core is loaded with 184 fuel assemblies, 44 of which are new fuel assemblies. In the spent fuel pool, 250 spent fuel assemblies continue to be stored. There are 236 empty spaces remaining in the spent fuel pool.

Reactor control rods are fully inserted. The control rod drive system is de-energized and cannot be re-energized without the knowledge and consent of the shift foreman. In addition, the control rod hydraulic system is depressurized. This system would need to be filled and vented before control rods could be withdrawn. The emergency boration system, reactor clean up system, liquid radwaste processing system, refueling building ventilation system, nuclear instrumentation, and radiation monitoring systems are all maintained operational.

Surveillance testing is performed as required by the Technical Specifications. Fire protection, radiation protection, material accountability, radioactive waste management, training and quality assurance programs are being implemented and are audited by NRC's Region V inspectors.

PGandE has continued to comply with the shift manning requirements for the shutdown mode in accordance with the Humboldt Bay Technical Specifications. The current numbers of licensed operating personnel available to cover four shifts are the following:

- a. 5 Senior Operator Licensees, SOL (4 Shift Foremen, 1 Relief Shift Supervisor).
- b. 9 Operator Licensees, OL (4 Control Operators, 4 Senior Control Operators, Operators, 4 Senior Control Operators, 1 Senior Control Operator in Training for a SOL).
- c. 4 management personnel at the plant who hold a current SOL to supplement the operating staff if needed.

PGandE has continued to fully comply with the latest (Revision 2) Humboldt Bay Power Plant Security Plan dated November 16, 1976. This security plan has been approved by the NRC Staff as being adequate. Any further changes in the Plant Security Plan will be submitted to the NRC Staff in accordance with current regulations.

Reports regarding Unit 3 are routinely submitted to the NRC as required by the license and other regulations. These include: Monthly Operating Status Reports; Radioactive Effluent Release and Waste Disposal Reports, and Licensee Event Reports, if required.

Scheduled and unscheduled inspections of the plant have been conducted by the NRC's Inspection and Enforcement Region V Inspectors. Any violations and/or deviations have been resolved to the satisfaction of the NRC Staff.

No revisions or modifications in the Humboldt Bay Unit 3 design or operation have been made that would bear upon the bases on which the NRC Staff concluded that the plant, in its present shutdown condition, poses no risk to the health and safety of the public.

2. Plant Improvements

PGandE has commenced activities that will result in the construction of a new low level radwaste storage building on the Humboldt Bay Power Plant site. When complete, the new building will provide a weather protected radioactive waste storage and handling area. The building has been designed to meet all applicable NRC requirements. The building design has been completed and a local building permit obtained. Construction was started in early June 1982.

3. Monitoring of the NRC's Safety Goal Rulemaking

As noted in the Order, the NRC has published for comment a proposed policy statement on safety goals for nuclear power plants. A report discussing the development of the proposed policy statement has been published separately as NUREG-0880, Safety Goals for Nuclear Power Plants: A Discussion Paper. Public comments were due by May 18, 1982. PGandE assumes that the NRC will evaluate the public comments received and issue final policy recommendations later this year.

4. Review of New NRC Requirements for Operating Nuclear Plants

PGandE is continuing to review NRC promulgated information such as I&E Circulars, Bulletins, Information Notices, NUREGs, and the Federal Register notices for regulations and guidance applicable to the Humboldt Bay plant in its current cold shutdown status. PGandE's review also considers the potential for significant safety problems associated with the plant for all other operational modes and considers those actions which are necessary to comply with the intent of NRC requirements. Those applicable requirements which are not immediately acted upon are placed on a list of work items that must be satisfactorily resolved prior to restart of Unit 3.

5. Evaluation of Steam Plant Conversion Alternatives

PGandE is continuing its evaluation of various fossil fired steam system conversion alternatives. The conversion alternatives presume the decommissioning of the nuclear portion of Unit 3 while retaining the power generation portion of the plant available for continued use with a new steam supply source.

The alternative steam supply systems being evaluated include: a coal fired boiler; an oil/natural gas fired boiler; a biomass (wood chip) fired boiler; and a combined cycle waste heat boiler. The evaluations focus on engineering feasibility and trade-offs, fuel supply and transportation, pollution control requirements, cycle efficiencies, waste management, permit requirements, PGandE generation and transmission requirements, equipment capital costs, and operation and maintenance costs.

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
)	
PACIFIC GAS AND ELECTRIC COMPANY)	Docket No. 50-133
)	License No. DPR-7
(Humboldt Bay Power Plant, Unit No. 3))	
)	

CERTIFICATE OF SERVICE

The foregoing document of Pacific Gas and Electric Company has been served today on the following by deposit in the United States mail, properly stamped and addressed:

Linda J. Brown, Esq.
100 Van Ness Avenue, 19th Floor
San Francisco, CA 94102

Mitzi Young, Esq.
Office of Executive Legal
Director
BETH 042
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

Secretary
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555
Attn: Docketing and Service
Section

Gretchen Dumas, Esq.
California Public Utilities
Commission
350 McAllister, Room 5243
San Francisco, CA 94102

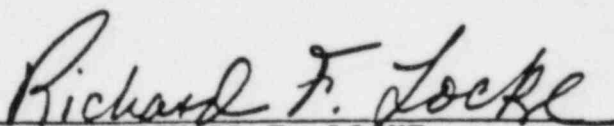
Dated: July 1, 1982

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Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. Gustave A. Linenberger, Member
Atomic Safety and Licensing
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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. David R. Schink
Department of Oceanography
Texas A & M University
College Station, TX 77840

Michael R. Sherwood, Esq.
Sierra Club Legal Defense Fund, Inc
2044 Fillmore Street
San Francisco, CA 94115


RICHARD F. LOCKE
Attorney
Pacific Gas and Electric Company

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PACIFIC GAS AND ELECTRIC COMPANY
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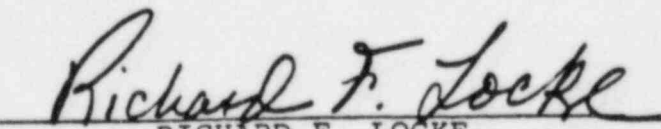
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