



**Pacific Gas and
Electric Company™**

Robert M. Masuoka, P.L.S.
Principal Planner
Building and Land Services

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Mailing Address:
Mail Code N10A
P.O. Box 770000
San Francisco, CA 94177

July 26, 2002

Molly Martindale
U.S. Army Corps of Engineers
333 Market St.
San Francisco, CA 94105-2197

San Mateo-Martin #4 60 kV Conversion Project Briefing Materials

Dear Ms. Martindale:

I greatly appreciate your efforts make the arrangement for Pacific Gas and Electric Company (PG&E) to make a presentation on August 14th at your interagency meeting on the proposed San Mateo-Martin #4 60 kilovolt (kV) Conversion Project. It will provide us with an excellent forum to obtain confirmation on the permitting approach for this project prior to filing an application with the U.S. Army Corps of Engineers. As requested, I have enclosed 30 copies of the project briefing information.

Transmission lines and local power plants supply electric demand in San Francisco and northern San Mateo County. Local power generation consists of two power plants, PG&E's Hunter's Point and Mirant's Potrero power plants. Transmission facilities are located mainly between Martin Substation in Brisbane and San Mateo Substation in San Mateo County. A low capacity tie also exists from Jefferson Substation in San Mateo County to Martin Substation.

Over the years, PG&E has made several capacity upgrades to the transmission facilities between San Mateo and Martin Substations; including the emergency replacement of wires on the San Mateo-Martin No. 3 115 kV power line in January 2000. PG&E has also started preparatory work to construct a new 230 kV circuit between the Jefferson and Martin Substations. Subject to the CPUC granting a construction certificate, the targeted in-service date for the Jefferson-Martin 230 kV project is September 2005.

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Northern San Mateo County and the City of San Francisco demand for electric supply still continue to increase. Transmission planning study results indicate emergency overload conditions on two of the 115 kV circuits between San Mateo and Martin beginning in Fall 2004. In addition, the remaining three 115 kV circuits would also be subject to overload conditions if some of the combustion turbines at Hunter's Point and Potrero power plants are unavailable. The conversion of the San Mateo-Martin No. 4 60 kV power line to a 115 kV power line would alleviate these conditions. PG&E would need to commence with construction no later than July 2003 to meet the Fall 2004 demand.

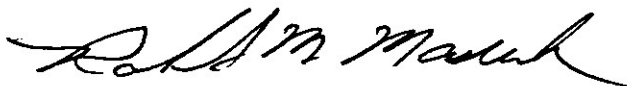
Similar to the San Mateo-Martin No. 3 Reconductoring Project in 1999, PG&E will be applying for a Nationwide #3 Permit from the Corp for the San Mateo-Martin #4 Project due to the potential impacts on jurisdictional wetlands, the work to be performed in navigable waters, and special status species issues. Additionally, the project will require a small amount of fill in the wetlands. The No. 4 line is on the same towers as the San Mateo-Martin No. 3 line.

PG&E plans to file its application with the Corp in early September and formally begin its consultations with your agency at the same time. PG&E is hopeful that it can obtain all of the permitting agency approvals, complete the biological consultations and have the biological agreements/opinions issued in an expeditious manner.

Since I will be on vacation from July 29th until August 26th, Ms. Jeanette Dinwiddie-Moore will be managing the San Mateo-Martin No. 4 project permitting in my absence. She can be reached at (510) 531-4150. Jeanette will be contacting you within the next week to discuss the project further and to see if you will need any additional information for the August 14th presentation.

Please do not hesitate to call Jeanette if you have any questions. Both Jeanette and I look forward to working with the Corp on this project.

Sincerely,



Robert Masuoka, P.L.S.
Principal Planner

Enclosure

Molly Martindale
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c: Jeanette Dinwiddie-Moore
17 Hillcrest Court
Oakland, CA 94619

Molly Martindale
July 26, 2002
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bc: Alain Billot
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Ron Damele
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David Kraska
Jo Lynn Lambert
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November 14, 2002

Edward A. Wylie
Regulatory Branch, San Francisco District
U. S. Army Corps of Engineers
333 Market Street
San Francisco, CA 94105-2197

San Mateo-Martin Number 4 60 Kilovolt (kV) Conversion Project

Dear Mr. Wylie:

On August 14th, Pacific Gas and Electric Company (PG&E) made a presentation at your interagency meeting to confirm the permitting approach for the San Mateo-Martin Number 4 60 kV Conversion Project. San Mateo-Martin Number 4 60 kV Conversion Project involves converting the existing 60 kV line to 115 kV operation between the San Mateo and Martin substations. The project includes replacing the existing wires ("conductors") and insulators on the existing San Mateo-Martin Number 4 60 kV power line with new wires ("reconductoring") and modifying facilities at the existing San Mateo, Burlingame, Millbrae, and Martin substations to accommodate the 115 kV circuit. No new or replacement towers or new access roads will be required as part of this project.

PG&E's transmission planning study results indicate emergency overload conditions may occur on two of the 115 kV circuits between the San Mateo and Martin substations beginning in fall 2004. To ensure safe and reliable electric service to San Francisco and north San Mateo County customers, the San Mateo-Martin Number 4 60 kV Conversion Project will add approximately 135 megawatts (MW) of load-serving capability to the PG&E service areas. The targeted in-service date for the project is June 2004. By adding 135 MW of power for customers in the service areas, PG&E will meet the pressing need for additional capacity by June 2004, while ensuring safe and reliable electric service and minimizing project-related environmental impacts. PG&E would need to commence construction no later than August 2003 to meet the June 2004 operational date.

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The San Mateo Martin Number 4 60 kV Conversion Project is on the same towers as the San Mateo Number 3 Project, which was re-conducted in February 2000. Similar to the San Mateo-Martin No. 3 Project, PG&E is requesting a Nationwide Permit from the Corps for the San Mateo-Martin Number 4 60 kV Conversion Project. This project will result in temporary disturbance to jurisdictional wetlands in the West of Bayshore parcel and work on structures in navigable waterways. While the work qualifies for a Nationwide Permit Number 3, the project is in several areas that are known to host special status species that would require an opinion from the U.S. Fish and Wildlife Service (USFWS) to comply with one of the general nationwide permit conditions. Additionally, the project will require a small amount of fill in the wetlands. Therefore, PG&E is requesting the Corps initiate a Section 7 consultation with the U. S. Fish and Wildlife Services (USFWS).

To facilitate your review and the USFWS's consultation, I have included the following as part of this application submittal:

- Completed ACOE application
- Project Description
- Environmentally Sensitive and Jurisdictional Areas Work Description
- Biological Assessment
- Wetlands Report
- Mitigation and Monitoring Plan

PG&E respectfully requests the Corps to expeditiously initiate the Section 7 consultation with USFWS. Please do not hesitate to call me at (415) 973-8273 or Jeanette Dinwiddie-Moore at (510) 531-4150 if you have any questions or need additional information. We look forward to working cooperatively with you and your staff in processing this application and coordinating the Section 7 consultation.

Sincerely,



Robert M. Masuoka, P. L. S.
Principal Planner

Enclosures

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c: Dan Buford (w/ Enclosures)
Fish and Wildlife Service Sacramento Office
U. S. Fish and Wildlife Service
2800 Cottage Way, W-2605
Sacramento, CA 95825-1880

Dan Hankins
Fish and Wildlife Service Sacramento Office
U. S. Fish and Wildlife Service
2800 Cottage Way, W-2605
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Robert F. Smith (w/ Enclosures)
Molly Martindale
Regulatory Branch
U. S. Army Corps of Engineers
333 Market Street
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Margaret Roper
State of California
Department of Fish and Game
P.O. Box 1723
Gilroy, CA 95020-1723

Dave Johnston
State of California
Department of Fish and Game
P.O. Box 47
Yountville, CA 94599

Jeanette Dinwiddie-Moore, Dinwiddie & Associates

Edward A. Wylie
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bc: Sally de Becker
Alain Billot
Sheila Byrne
David Kraska
Jo Lynn Lambert
Rob Stiving



DEPARTMENT OF THE ARMY
 SAN FRANCISCO DISTRICT, CORPS OF ENGINEERS
 133 MARKET STREET
 SAN FRANCISCO, CALIFORNIA 94104-2147

JAN 17 2008

Regulatory Branch

SUBJECT: File No. 27-305

Mr. Dan Buford
 U.S. Fish and Wildlife Service
 Endangered Species Division
 2800 Cottage Way, W-2603
 Sacramento, CA 95825

Dear Mr. Buford:

We hereby request initiation of consultation under Section 7 of the Endangered Species Act on a request by the Pacific Gas & Electric Company (PG&E) for Department of the Army authorization under Nationwide permit No. 3. PG&E is proposing to re-conductor approximately 11.5 miles of San Mateo-Martin 60kV Circuit Number 4. Re-conductoring will occur within PG&E's existing power line corridor running through the cities of Daly City, Brisbane, South San Francisco, San Bruno, Millbrae, Burlingame, and San Mateo, and some unincorporated areas of San Mateo County.

The project crosses environmentally sensitive areas on San Bruno Mountain, in the West of Bayshore Area adjacent to the San Francisco International Airport, and in the Burlingame Lagoon. The project has the potential to impact listed species and their habitat including the following:

San Bruno Mountain

Mission Blue Butterfly (*Icaricia icaroides missionensis*)
 Callippe silverspot butterfly (*Speyeria callippe callippe*)
 San Bruno elfin butterfly (*Callophrys mossii bayensis*)

West of Bayshore

- San Francisco gartersnake (*Thamnophis sirtalis tetrataenia*)
- California red-legged frog (*Rana aurora draytonii*)

Burlingame Lagoon

California clepper rat *Rattus longirostris obsoletus*
Salt marsh harvest mouse *Reithrodontomys reithrodontomys*

Enclosed is a copy of the application for the project giving a description of the action to be considered and a description of the specific area that may be affected by the action.

Should you have any questions regarding this matter, please call Bob Smith of our Regulatory Branch at 415-977-8450. Please address all correspondence to the Regulatory Branch and refer to the file number at the head of this letter.

Sincerely

Calvin C. Fong
Chief, Regulatory Branch

Enclosure



**Pacific Gas and
Electric Company.**

Robert M. Masuoka, P.L.S.
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Building and Land Services

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November 15, 2002

Dave Johnston
State of California
Department of Fish and Game
Central Coast Region
P.O. Box 47
Yountville, CA 94599

San Mateo-Martin Number 4 60 kV Conversion Project

Dear Mr. Johnston:

Thank for meeting with us on October 8, 2002 to discuss Pacific Gas and Electric Company's (PG&E) proposed San Mateo-Martin Number 4 60 kV Conversion Project. The meeting greatly assisted us by confirming the information PG&E would include in its application to you.

As mentioned at the project site, PG&E is proposing to convert the existing San Mateo-Martin Number 4 60 kV power line to operate at 115 kV. The project includes replacing the existing wires ("conductors") and insulators on the existing San Mateo-Martin Number 4 60 kV power line with new wires ("reconductoring") and modifying facilities at the existing San Mateo, Burlingame, Millbrae, and Martin substations to accommodate the 115 kV circuit. No new or replacement towers or new access roads will be required as part of this project.

PG&E's transmission planning study results indicate emergency overload conditions may occur on two of the 115 kV circuits between the San Mateo and Martin substations beginning in Fall 2004. To ensure safe and reliable electric service to San Francisco and north San Mateo County customers, the San Mateo-Martin Number 4 60 kV Conversion Project will add approximately 135 megawatts (MW) of load-serving capability to the PG&E service areas. The targeted in-service date for the project is June 2004. By adding 135 MW of power for customers in the service areas, PG&E will

Dave Johnston
November 15, 2002
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meet the expected demand for additional capacity by June 2004, while ensuring safe and reliable electric service and minimizing project-related environmental impacts. PG&E will need to commence construction no later than August 2003 to meet the June 2004 operational date.

The San Mateo Martin Number 4 60 kV Conversion Project is on the same towers as the San Mateo Number 3 Project, which was reconducted in February 2000. Similar to the San Mateo-Martin No. 3 Project, I am requesting your assistance to develop the same type of agreement (Agreement) on the San Francisco garter snake between PG&E and the California Department of Fish and Game (CDFG). PG&E demonstrated its commitment to environmental stewardship on the San Mateo-Martin Number 3 Project and will continue to do the same on this project.

In addition to requesting the Agreement from your agency, PG&E will also be consulting with the U. S. Fish and Wildlife Services (USFWS) under a Section 7 consultation to address several areas where the potential for impacts on endangered species and their habitats could occur. PG&E is requesting the U.S. Army Corps of Engineers to initiate the Section 7 consultation as part of its approval of a Nationwide Permit for the project.

To facilitate your review and determination, I have included the following as part of this application submittal.

- Project Description
- Environmentally Sensitive and Jurisdictional Areas Work Description
- Biological Assessment
- Wetlands Report
- Mitigation and Monitoring Plan

The Mitigation and Monitoring Plan is based on the CDFG Agreement (Reference No. 1802-2000-001-003), and the USFWS Biological Opinion and Incidental Take Permit issued for the San Mateo-Martin Number 3 project. Because the project involves reconductoring this existing line and includes avoidance and mitigation measures, it will result in no significant environmental impacts in these areas.

PG&E respectfully requests that CDFG process this application as expeditiously as possible.

Again thank you for meeting with us and please extend my appreciation to Ms. Roper for arranging and attending the meeting. I look forward to continuing working cooperatively with you on this important project.

Dave Johnston
November 15, 2002
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Please do not hesitate to call Jeanette Dinwiddie-Moore at (510) 531-4150 or me at (415) 973-8273 if you have any questions or need additional information.

Sincerely,



Robert M. Masuoka, P. L. S.
Principal Planner

Enclosures

c: Rob Floerke, Regional Manager (w/Enclosures)
California Department of Fish and Game
7329 Silverado Trail
Napa, CA 94558

Margaret Roper (w/Enclosures)
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Rick Moss
Rob Stiving

DINWIDDIE & ASSOCIATES
PLANNING & PREDEVELOPMENT CONSULTANTS

January 14, 2003

Dave Johnston
State of California
Department of Fish and Game
Central Coast Region
P. O. Box 47
Yountville, CA 94599


San Mateo-Martin Number 4 60 kV Conversion Project

Dear Mr. Johnston:

As per our telephone conversation of last week, I am forwarding to you the CD for the 1999 Army Corp of Engineers (ACOE) Application for the San Mateo Martin #3 Reconductor Project. In talking with Bob Masuoka, he advised me that ACOE application along with a cover letter formed the application filed with your agency for the Number 3 project. Please let me know if you need anything additional to assist with you with your review of the San Mateo Martin Number 4 60 kV Conversion project. I will give you a call next week just to confirm receipt of the CD.

Looking forward to working with you on completing the project review.

Sincerely,


Jeanette Dinwiddie-Moore
Principal

Enclosure

Cc: Robert Masuoka, PG&E
Jo Lynn Lambert, PG&E



**Pacific Gas and
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November 20, 2002

Debbie Pilas-Treadway
Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, CA 95814

San Mateo-Martin No. 4 60 Kilovolt Conversion Project

Dear Ms. Pilas-Treadway:

Pacific Gas and Electric Company (PG&E) is proposing the San Mateo-Martin No. 4 60 Kilovolt (kV) Conversion Project (Project) as part of its plan to meet the expected electric demand before the summer of 2004 in north San Mateo County and the City and County of San Francisco. The Project would convert the existing San Mateo-Martin No. 4 60 kV power line to operate at 115 kV; it would include replacing existing wires with new wires ("reconductoring") and modifying substation equipment at the existing San Mateo, Burlingame, Millbrae and Martin substations. No new or replacement towers or access roads will be required as part of the Project. PG&E plans to start construction as early as August 2003 to complete the Project before the summer of 2004.

The existing line PG&E proposes to convert to operate at 115 kV begins at San Mateo Substation near Coyote Point County Part in the City of San Mateo and continues to Martin Substation in the City of Brisbane. The line is in an existing electric transmission line corridor that generally follows along State Highway 101 from San Mateo Substation to Martin Substation; the line circumnavigates through the cities of San Mateo, Burlingame, Millbrae, San Bruno, South San Francisco, Brisbane and Daly City. The existing line is located in three undeveloped areas (Burlingame Lagoon, West of Bayshore Area and San Bruno Mountain). PG&E proposes to use existing access roads, boats and/or helicopters where feasible to perform its work. Temporary guard structures would be installed in the West of Bayshore area to protect existing overhead electric facilities during the wire installation. I have enclosed a copy of the project map for your reference.

I am requesting your assistance on information for the most likely descendants in the project area. I have enclosed copies of USGG quadrangles (i.e., San Mateo, Montara Mountain and San Francisco South) to facilitate your research. I also

Debbie Pilas-Treadway
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highlighted the existing electric transmission line corridor to make it easier to orientate to the project map.

I look forward to working cooperatively with you on this important project. Please do not hesitate to call Jeanette Dinwiddie-Moore at 510.531.4150 or me at 415.973.8273 if you have any questions or need additional information.

Sincerely,



Robert M. Masuoka, P.L.S.
Principal Planner

Enclosures

- Project Map
- USGS Quadrangle: San Mateo, CA
- USGS Quadrangle: Montara Mountain, CA
- USGS Quadrangle: San Francisco South, CA

c: Glenn Caruso
Jeanette Dinwiddie-Moore

Debbie Pilas-Treadway
November 20, 2002
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