

PUBLIC UTILITIES COMMISSION

SAN FRANCISCO, CA 94102-3298



January 21, 2010

Advice Letter 2418-E

Akbar Jazayeri
Vice President, Regulatory Operations
Southern California Edison Company
P O Box 800
Rosemead, CA 91770

**Subject: Notice of Proposed Construction Project Pursuant to
General Order 131-D, Coso 115/12 kV Substation Project**

Dear Mr. Jazayeri:

Advice Letter 2418-E is effective January 16, 2010.

Sincerely,

A handwritten signature in blue ink, appearing to read "Julie A. Fitch".

Julie A. Fitch, Director
Energy Division

December 17, 2009

**ADVICE 2418-E
(U 338-E)**

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: Notice of Proposed Construction Project Pursuant to
General Order 131-D, Coso 115/12 kV Substation Project

Southern California Edison Company (SCE) hereby submits notice pursuant to General Order (GO) 131-D, Section XI, Subsection B.4 of the Construction of Facilities that are exempt from a Permit to Construct. GO 131-D was adopted by the California Public Utilities Commission (Commission) in Decision (D.) 94-06-014 and modified by D.95-08-038.

PURPOSE

This advice filing provides a copy of the Notice of Proposed Construction (Attachment A) and the Notice Distribution List (Attachment B) which comply with the noticing requirements found in GO 131-D, Section XI, Subsections B and C.

BACKGROUND

SCE is proposing to construct a 5-megavolt-amperes (MVA), 115/12 kilovolt (kV) substation (Coso Substation) to serve the Coso Hay Ranch Water Extraction & Delivery System Project at the Coso geothermal field in the northwest area of the China Lake Naval Air Weapons Station and existing customer load SCE currently serves from the Los Angeles Department of Water & Power Haiwee 115 kV Substation. The proposed substation will be located adjacent to SCE's existing Control-Haiwee-Inyokern No. 1 and No. 2 115 kV subtransmission lines approximately 0.5 miles east of Highway 395 and 2.3 miles north from Gill Station Coso Road in unincorporated Inyo County.

The substation will be equipped with two 5-MVA transformers with isolating disconnects, surge arrestors, and neutral current transformers. In addition, the substation will consist of a 12 kV low profile switchrack consisting of three positions with provision to expand to four additional positions, and a prefabricated mechanical electrical equipment room.

The substation will be located in an area approximately 310 feet long by 200 feet wide, and will be surrounded by an 8-foot high (minimum) perimeter fence with barbed wire on the Coso Hay Ranch Water Extraction & Delivery System Project property.

The new substation will be a three-line terminal that will be served by constructing a short tap line (anticipated to be less than 200 feet in length) between the existing Control-Haiwee-Inyokern No. 2 115 kV subtransmission line and a dead-end structure inside the substation. The tap line will consist of one engineered tubular steel pole and one lightweight steel pole, which are expected to be between 70 and 80 feet in height.

Pursuant to CPUC General Order 131-D, Section III.B.1, projects meeting specific conditions are exempt from the CPUC's requirement to file an application requesting authority to construct. This project qualifies for the following exemption:

“f. power lines or substations to be relocated or constructed which have undergone environmental review pursuant to CEQA as part of a larger project, and for which the final CEQA document [Environmental Impact Report (EIR) or Negative Declaration] finds no significant unavoidable environmental impacts caused by the proposed line or substation.”

On May 6, 2009, the Board of Supervisors for Inyo County voted to uphold the Inyo County Planning Commission's March 11, 2009, approval of the Final Environmental Impact Report (FEIR) for Conditional Use Permit #2007-03-Coso Operating Company, LLC for the Coso Hay Ranch Water Extraction & Delivery System Project (SCH # 2007101002). The FEIR reviewed the Coso Hay Ranch Water Extraction & Delivery System Project pursuant to the California Environmental Quality Act and found the Coso Substation causes no significant unavoidable environmental impacts.

GO 131-D, Section XI, Subsection B.4, requires that this advice filing be made not less than 30 days before the date such construction is intended to begin. Construction of the proposed project is scheduled to begin on or after February 1, 2010, and is expected to be completed in August 2010.

No cost information is required for this advice filing.

This advice filing will not increase any rate or charge, cause the withdrawal of service, or conflict with any other rate schedule or rule.

EFFECTIVE DATE

Because this filing is being made in accordance with the noticing requirements described in GO 131-D, Section XI, Subsection B.4, this advice filing will become effective on January 16, 2010, the 30th calendar day after the date filed.

NOTICE

Anyone wishing to protest this advice filing may do so by letter via U.S. Mail, facsimile, or

electronically, any of which must be received no later than January 6, 2010. Protests should be mailed to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, California 94102
E-mail: jni@cpuc.ca.gov and mas@cpuc.ca.gov

Copies should also be mailed to the attention of the Director, Energy Division, Room 4004 (same address above).

In addition, protests and all other correspondence regarding this advice letter should also be sent by letter and transmitted via facsimile or electronically to the attention of:

Akbar Jazayeri
Vice President of Regulatory Operations
Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, California 91770
Facsimile: (626) 302-4829
E-mail: AdviceTariffManager@sce.com

Bruce Foster
Senior Vice President, Regulatory Affairs
c/o Karyn Gansecki
Southern California Edison Company
601 Van Ness Avenue, Suite 2040
San Francisco, California 94102
Facsimile: (415) 929-5540
E-mail: Karyn.Gansecki@sce.com

There are no restrictions on who may file a protest, but the protest shall set forth specifically the grounds upon which it is based and shall be submitted expeditiously.

In accordance with Section 4 of General Order No. (GO) 96-B, SCE is serving copies of this advice filing to the interested parties shown on the attached GO 96-B service list. Address change requests to the GO 96-B service list should be directed by electronic mail to AdviceTariffManager@sce.com or at (626) 302-4039. For changes to all other service lists, please contact the Commission's Process Office at (415) 703-2021 or by electronic mail at Process_Office@cpuc.ca.gov.

Further, in accordance with Public Utilities Code Section 491, notice to the public is hereby given by filing and keeping the advice filing at SCE's corporate headquarters. To view other SCE advice letters filed with the Commission, log on to SCE's web site at <http://www.sce.com/AboutSCE/Regulatory/adviceletters>.

For questions, please contact Christine McLeod at (626) 302-3947 or by electronic mail at Christine.Mcleod@sce.com.

Southern California Edison Company

Akbar Jazayeri

AJ:cm:jm
Enclosures

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Southern California Edison Company (U 338-E)

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: James Yee

Phone #: (626) 302-2509

E-mail: James.Yee@sce.com

E-mail Disposition Notice to: AdviceTariffManager@sce.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
 PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2418-E

Tier Designation: N/A

Subject of AL: Notice of Proposed Construction Project Pursuant to General Order 131-D, Coso 115/12 kV Substation Project

Keywords (choose from CPUC listing): Compliance, Power Lines

AL filing type: Monthly Quarterly Annual One-Time Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D.94-06-014 and D.95-08-038

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: _____

Summarize differences between the AL and the prior withdrawn or rejected AL¹: _____

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement.

Name and contact information to request nondisclosure agreement/access to confidential information:

Resolution Required? Yes No

Requested effective date: 1/16/10 No. of tariff sheets: -0-

Estimated system annual revenue effect: (%): _____

Estimated system average rate effect (%): _____

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: None

Service affected and changes proposed¹: _____

Pending advice letters that revise the same tariff sheets: _____

¹ Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than January 6, 2010, which is 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Ave.,
San Francisco, CA 94102
inj@cpuc.ca.gov and mas@cpuc.ca.gov

Akbar Jazayeri
Vice President of Regulatory Operations
Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, California 91770
Facsimile: (626) 302-4829
E-mail: AdviceTariffManager@sce.com

Bruce Foster
Senior Vice President, Regulatory Affairs
c/o Karyn Gansecki
Southern California Edison Company
601 Van Ness Avenue, Suite 2040
San Francisco, California 94102
Facsimile: (415) 929-5540
E-mail: Karyn.Gansecki@sce.com

NOTICE OF PROPOSED CONSTRUCTION

Coso 115/12 kV Substation Project
SCE Advice Letter Number: 2418-E
Date: December 17, 2009

Proposed Project:

Southern California Edison Company (SCE) is proposing to construct a 5-megavolt-amperes (MVA), 115/12 kilovolt (kV) substation (Coso Substation) to serve the Coso Hay Ranch Water Extraction & Delivery System Project at the Coso geothermal field in the northwest area of the China Lake Naval Air Weapons Station and existing customer load SCE currently serves from the Los Angeles Department of Water & Power Haiwee 115 kV Substation. The proposed substation will be located adjacent to SCE's existing Control-Haiwee-Inyokern No. 1 and No. 2 115 kV subtransmission lines approximately 0.5 miles east of Highway 395 and 2.3 miles north from Gill Station Coso Road in unincorporated Inyo County (please refer to the enclosed map).

The substation will be equipped with two 5-MVA transformers with isolating disconnects, surge arrestors, and neutral current transformers. In addition, the substation will consist of a 12 kV low profile switchrack consisting of three positions with provision to expand to four additional positions, and a prefabricated mechanical electrical equipment room.

The substation will be located in an area approximately 310 feet long by 200 feet wide, and will be surrounded by an 8-foot high (minimum) perimeter fence with barbed wire on the Coso Hay Ranch Water Extraction & Delivery System Project property.

The new substation will be a three-line terminal that will be served by constructing a short tap line (anticipated to be less than 200 feet in length) between the existing Control-Haiwee-Inyokern No. 2 115 kV subtransmission line and a dead-end structure inside the substation. The tap line will consist of one engineered tubular steel pole and one lightweight steel pole, which are expected to be between 70 and 80 feet in height.

Construction of the proposed project is scheduled to begin on or after February 1, 2010, and is expected to be completed in August 2010.

EMF Compliance: The California Public Utilities Commission (CPUC) requires utilities to employ "no cost" and "low cost" measures to reduce public exposure to electric and magnetic fields (EMF). In accordance with "EMF Design Guidelines" filed with the CPUC in compliance with CPUC Decisions 93-11-013 and 06-01-042, SCE would implement the following measure(s) for this project:

1. Place major substation electrical equipment (such as transformers, switchracks, buses and underground duct banks) away from the substation property lines
2. Configure the transfer and operating buses with the transfer bus closest to the nearest property line
3. Utilize structure heights that meet or exceed SCE's preferred EMF design criteria

Exemption from CPUC Authority: Pursuant to CPUC General Order 131-D, Section III.B.1, projects meeting specific conditions are exempt from the CPUC's requirement to file an application requesting authority to construct. This project qualifies for the following exemption:

“f. power lines or substations to be relocated or constructed which have undergone environmental review pursuant to CEQA as part of a larger project, and for which the final CEQA document [Environmental Impact Report (EIR) or Negative Declaration] finds no significant unavoidable environmental impacts caused by the proposed line or substation.”

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Public Review Process: Persons or groups may protest the proposed construction if they believe that the utility has incorrectly applied for an exemption or believe there is a reasonable possibility that the proposed project or cumulative effects or unusual circumstances associated with the project, may adversely impact the environment.

Protests must be filed by January 7, 2010, and should include the following:

1. Your name, mailing address, and daytime telephone number.
2. Reference to the SCE Advice Letter Number and Project Name Identified.
3. A clear description of the reason for the protest.

The letter should also indicate whether you believe that evidentiary hearings are necessary to resolve factual disputes. Protests for this project must be mailed within 20 calendar days to:

California Public Utilities Commission
Director, Energy Division
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

AND

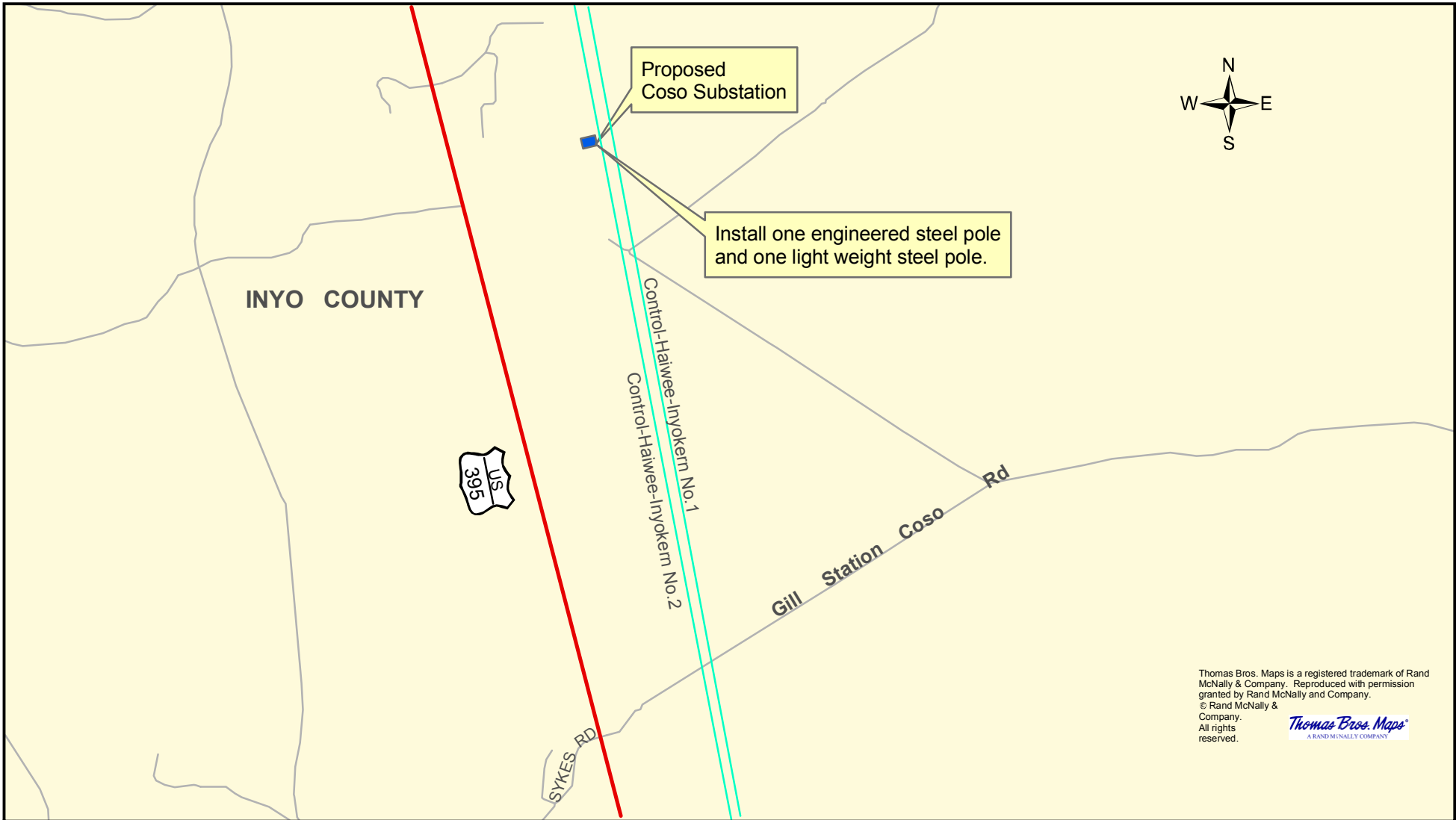
Southern California Edison Company
Law Department - Exception Mail
2244 Walnut Grove Avenue
Rosemead, CA 91770
Attention: C. Lawson

SCE must respond within five business days of receipt and serve copies of its response on each protestant and the CPUC. Within 30 days after SCE has submitted its response, the Executive Director of the CPUC will send you a copy of an Executive Resolution granting or denying the request and stating the reasons for the decision.

Assistance in Filing a Protest: For assistance in filing a protest, contact the CPUC's Public Advisor in San Francisco at (415) 703-2074 or in Los Angeles at (213) 576-7057.

Additional Project Information: To obtain further information on the proposed project, please contact:

Debbie Hess
SCE Local Public Affairs Region Manager
SCE Mammoth Lakes Service Center
3001 Chateau Road
Mammoth Lakes, CA 93546
Phone: (760) 709-1188



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Coso 115/12 kV Substation Project

Existing 115 kV Transmission Lines



Attachment B

NOTICE OF DISTRIBUTION LIST Coso 115/12 kV Substation Project

Distribution List

1) Agencies

Mike Conklin. Planning Director
Inyo County
2917 Indian Creek
Bishop CA, 93514

Ms. Melissa Jones. Executive Director
California Energy Commission
1516 9th Street, MS-39
Sacramento, CA 95814-5512

2) Newspapers

The Inyo Register
450 E. Line Street
Bishop, CA 93514