January 9, 2008

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, Rancho Vista 500/220 kV Substation Project

Dear Mr. Jazayeri:

Advice Letter 2111-E is effective April 18, 2007.

Sincerely,

Sean H. Gallagher, Director
Energy Division
March 19, 2007

ADVICE 2111-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, Rancho Vista 500/220 kV Substation
Project

Southern California Edison Company (SCE) hereby submits notice pursuant to General
Order 131-D (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 planning to construct a new 500/220 kV substation (Rancho Vista Substation) on an
existing 90-acre site owned by SCE, of which, 63 acres will be used to construct the
substation. This property is located at the intersection of 6th Street and Etiwanda Avenue, to
the west of Etiwanda Generating Station, in the City of Rancho Cucamonga. Construction
and operation of this new substation is necessary by mid-2009 to relieve anticipated
overload conditions on the existing SCE electric system and to meet projected electrical
load requirements in the Inland Empire.

Substation work: The Rancho Vista Substation will be enclosed by an 8-foot high
perimeter block wall with landscaping on the frontage side of 6th Street and by an 8-foot
high chain link fence on the non-frontage side. The substation will consist of a fully
enclosed 500 kV switchrack, two sets of 1,120 MVA 500/220/12 kV transformer banks, a
fully enclosed 220 kV switchrack, six sets of 45 MVAR 13.8 kV shunt reactor banks, one
90-foot by 65-foot by 16-foot high mechanical and electrical equipment room to house
control and relay panels, batteries and battery chargers, telecommunications and
associated equipment and one 40-foot by 60-foot by 11-foot high maintenance and test shop building. The 500 kV and 220 kV dead-end steel structures will be a maximum height of 90 feet. The proposed substation will also be equipped with light and power (120/240v) transformers and one stand-by emergency generator.

**500 kV transmission line work:** Two single-circuit lattice steel towers will be used to intercept the existing Lugo-Mira Loma 500 kV line west of the Rancho Vista Substation site. The conductors will be routed easterly onto two sets of new double-circuit lattice steel towers located approximately 150 feet east of Day Creek Channel and will continue easterly approximately 1,700 feet until they terminate at the substation 500 kV rack positions. The new, single-circuit intercept structures will have an overall height of approximately 117 feet. The new, double-circuit structures will be approximately 187 feet tall.

**220 kV transmission line work:** The existing Etiwanda-Padua and Padua-Mira Loma 220 kV lines will be intercepted just west of the northwest corner of the Rancho Vista Substation site and will be routed through the substation property along the northerly boundary for approximately 2900 feet. The lines will then be routed south for approximately 700 feet to terminate at the 220 kV rack positions near the southeast corner of the site. This would create the Padua-Rancho Vista 220 kV transmission lines No. 1 and No. 2. The existing Etiwanda-Padua 220 kV transmission line, Padua-Mira Loma 220 kV transmission line, and Etiwanda-Mira Loma 220 kV transmission line would be reconfigured to form the Mira Loma-Rancho Vista No. 1 and No. 2 220 kV transmission lines and the Etiwanda-Rancho Vista No. 1 and No. 2 220 kV transmission lines. This reconfiguration would require the installation of four to five new double-circuit structures and one tower relocation in the area between Etiwanda Substation and the Rancho Vista Substation site. The structures used for the relocated and reconfigured 220 kV lines will be lattice steel ranging in height from 141 to 181 feet.

**66 kV subtransmission line work:** In order to construct Rancho Vista Substation, it will be necessary to relocate five existing 66 kV subtransmission lines. The existing lines are located in a corridor extending west of Etiwanda Substation either in franchise or on substation property. The relocated lines will continue to be in franchise or on substation property. The relocated 66 kV lines will be constructed on approximately 45 light duty steel poles and 25 tubular steel poles on concrete pile foundations. A fiber optic telecommunication line will be installed along the relocated lines.

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

“g. power line facilities or substations to be located in an existing franchise, road-widening setback easement, or public utility easement; or in a utility corridor designated, precisely mapped and officially adopted pursuant to law by federal, state or local agencies for which a final negative Declaration or EIR finds 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. SCE intends to begin construction no sooner than May 2007.
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 April 18, 2007, 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 April 9, 2007. Protests should be mailed to:

CPUC, Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, California  94102  
E-mail: inj@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, Revenue and Tariffs  
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 of Regulatory Operations  
c/o Karyn Gansecki  
Southern California Edison Company  
601 Van Ness Avenue, Suite 2040  
San Francisco, California 94102  
Facsimile: (415) 673-1116  
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 III, Paragraph G, of General Order No. 96-A, SCE is serving copies of this advice filing to the interested parties shown on the attached GO 96-A service list. Address change requests to the GO 96-A service list should be directed by electronic mail to AdviceTariffManager@sce.com or at (626) 302-2930. 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 Milissa Marona at (626) 302-4872 or by electronic mail at Milissa.Marona@sce.com.

Southern California Edison Company

Akbar Jazayeri

AJ:sq
Enclosures
CALIFORNIA PUBLIC UTILITIES COMMISSION
ADVICE LETTER FILING SUMMARY
ENERGY UTILITY

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

<table>
<thead>
<tr>
<th>Company name/CPUC Utility No.: Southern California Edison Company (U 338-E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility type:</td>
</tr>
<tr>
<td>☑ ELC  □ GAS</td>
</tr>
<tr>
<td>□ PLC  □ HEAT  □ WATER</td>
</tr>
<tr>
<td>Contact Person: James Yee</td>
</tr>
<tr>
<td>Phone #: (626) 302-2509</td>
</tr>
<tr>
<td>E-mail: <a href="mailto:James.Yee@sce.com">James.Yee@sce.com</a></td>
</tr>
</tbody>
</table>

EXPLANATION OF UTILITY TYPE
ELC = Electric  GAS = Gas  PLC = Pipeline  HEAT = Heat  WATER = Water

Advice Letter (AL) #: 2111-E
Subject of AL: Notice of Proposed Construction Project Pursuant to General Order 131-D, Rancho Vista 500/220 kV Substation
Keywords (choose from CPUC listing): Compliance, Power Lines, Transmission Lines
AL filing type: ☑ One-Time  □ Monthly  □ Quarterly  □ Annual  □ Other
If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: D.94-06-014, 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 AL:
Resolution Required? ☑ Yes  □ No
Requested effective date: 4/18/07  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 proposed:
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 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
jinj@cpuc.ca.gov and mas@cpuc.ca.gov

Akbar Jazayeri
Vice President, Revenue and Tariffs
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 of Regulatory Operations
c/o Karyn Gansecki
Southern California Edison Company
601 Van Ness Avenue, Suite 2040
San Francisco, California  94102
Facsimile:  (415) 673-1116
E-mail:  Karyn.Gansecki@sce.com
Attachment A

NOTICE OF PROPOSED CONSTRUCTION

Rancho Vista 500/220 kilovolt (kV) Substation Project

Date: March 19, 2007

Proposed Project:

Southern California Edison Company (SCE) is planning to construct a new 500/220 kV substation (Rancho Vista Substation) on an existing 90-acre site owned by SCE, of which, 63 acres will be used to construct the substation. This property is located at the intersection of 6th Street and Etiwanda Avenue, to the west of Etiwanda Generating Station, in the City of Rancho Cucamonga. Construction and operation of this new substation is necessary by mid-2009 to relieve anticipated overload conditions on the existing SCE electric system and to meet projected electrical load requirements in the Inland Empire.

Substation work: The Rancho Vista Substation will be enclosed by an 8-foot high perimeter block wall with landscaping on the frontage side of 6th Street and by an 8-foot high chain link fence on the non-frontage side. The substation will consist of a fully enclosed 500 kV switchrack, two sets of 1,120 MVA 500/220/12 kV transformer banks, a fully enclosed 220 kV switchrack, six sets of 45 MVAR 13.8 kV shunt reactor banks, one 90-foot by 65-foot by 16-foot high mechanical and electrical equipment room to house control and relay panels, batteries and battery chargers, telecommunications and associated equipment and one 40-foot by 60-foot by 11-foot high maintenance and test shop building. The 500 kV and 220 kV dead-end steel structures will be a maximum height of 90-feet. The proposed substation will also be equipped with light and power (120/240v) transformers and one stand-by emergency generator.

500 kV transmission line work: Two single-circuit lattice steel towers will be used to intercept the existing Lugo-Mira Loma 500 kV line west of the Rancho Vista Substation site. The conductors will be routed easterly onto two sets of new double-circuit lattice steel towers located approximately 150 feet east of Day Creek Channel and will continue easterly approximately 1,700 feet until they terminate at the substation 500 kV rack positions. The new, single-circuit intercept structures will have an overall height of approximately 117 feet. The new, double-circuit structures will be approximately 187 feet tall.

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The existing Etiwanda-Padua 220 kV transmission line, Padua-Mira Loma 220 kV transmission line, and Etiwanda-Mira Loma 220 kV transmission line would be reconfigured to form the Mira Loma-Rancho Vista No. 1 and No. 2 220 kV transmission lines and the Etiwanda-Rancho Vista No. 1 and No. 2 220 kV transmission lines. This reconfiguration would require the installation of four to five new double-circuit structures and one tower relocation in the area between Etiwanda Substation and the Rancho Vista Substation site. The structures used for the relocated and reconfigured 220 kV lines will be lattice steel ranging in height from 141 to 181 feet.

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Construction of the proposed project is scheduled to begin in May 2007, and operation is expected to begin in June 2009.

**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 SCE’s “EMF Design Guidelines for New Electrical Facilities: Transmission Substation and Distribution”, filed with the CPUC in compliance with CPUC Decision 93-11-013 and Decision 06-01-042, SCE will implement the following measure(s) for this project:

1. Meet or exceed all applicable energized equipment setbacks from the proposed substation fence.
2. Phase transmission lines entering and exiting the substation to reduce magnetic field levels.

**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 for an application requesting authority to construct. This project qualifies for the following exemption:

Exemption G: Power line facilities or substations to be located in an existing franchise, road-widening setback easement, or public utility easement; or in a utility corridor designated, precisely mapped and officially adopted pursuant to law by federal, state, or local agencies for which a final Negative Declaration or EIR finds no significant unavoidable environmental impacts.

**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 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 April 9, 2007, and should include the following:

1. Your name, mailing address and day-time telephone number.
2. Reference to the CPUC Advice Letter Number and Project Name Identified.
3. A clear description of the reason for the protest.
4. 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

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

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:

Jerry Silva  
SCE Region Manager  
Office: (909) 930-8495  
Ontario Service Center  
1351 East Francis  
Ontario, CA 91761  
silvawj@sce.com
Attachment B

NOTICE OF DISTRIBUTION LIST
Rancho Vista 500/220 kV Substation Project
Advice 2111-E

Distribution List

1) Agencies

James Troyer
Planning Director
City of Rancho Cucamonga
10500 Civic Center Drive
Rancho Cucamonga, CA 91730

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

2) Newspaper

Inland Valley Daily Bulletin
2041 E. Fourth Street
Ontario, CA 91764