SAN LUIS OBISPO COUNTY

DEPARTMENT OF PLANNING AND BUILDING

THIS IS A NEW PROJECT REFERRAL

DATE: 8/9/2011

TO: _____

FROM: Ryan Hostetter, Development Review

PROJECT DESCRIPTION: DRC2011-00008 PG&E- Conditional Use Permit for a new repeater station. APN: 076-011-027.

Return this letter with your comments attached no later than: 14 days from receipt of this referral. CACs please respond within 60 days. Thank you.

PART 1 - IS THE ATTACHED INFORMATION ADEQUATE TO COMPLETE YOUR REVIEW?

- ❑ YES (Please go on to PART II.)
- ❑ NO (Call me ASAP to discuss what else you need. We have only 10 days in which we must obtain comments from outside agencies.)

PART II - ARE THERE SIGNIFICANT CONCERNS, PROBLEMS OR IMPACTS IN YOUR AREA OF REVIEW?

- ❑ YES (Please describe impacts, along with recommended mitigation measures to reduce the impacts to less-than-significant levels, and attach to this letter)
- ❑ NO (Please go on to PART III)

PART III - INDICATE YOUR RECOMMENDATION FOR FINAL ACTION.

Please attach any conditions of approval you recommend to be incorporated into the project's approval, or state reasons for recommending denial.

IF YOU HAVE "NO COMMENT," PLEASE SO INDICATE, OR CALL.

_____

_____

_____

_____ _____ _____

Date Name Phone

DRC2011-00008 PACIFIC GAS & E
CONDITIONAL USE PERMIT/
NEW REPEATER STATION

GENERAL APPLICATION FORM

an Luis Obispo County Department of Planning and Buildin

SLB/ RSLB RTH
GS RL SRA

APPLICATION TYPE - CHECK ALL THAT APPLY

- ☐ Emergency Permit
- ☐ Tree Permit
- ☐ Plot Plan
- ☐ Zoning Clearance
- ☐ Site Plan
- ☐ Minor Use Permit
- ☐ Variance
- ☐ Other
- ☒ Conditional Use Permit/Development Plan
- ☐ Surface Mining/Reclamation Plan
- ☐ Curb, Gutter & Sidewalk Waiver
- ☐ Modification to approved land use permit

APPLICANT INFORMATION Check box for contact person assigned to this project

☐ Landowner Name Pacific Gas and Electric Company Daytime Phone 805/546-3836
Mailing Address Diablo Canyon Power Plant, P.O. Box 56 Avila Beach, CA Zip Code 93424
Email Address: KAV6 @ pge.com [contact: Kris Vardas]

☐ Applicant Name SAME AS ABOVE Daytime Phone _____
Mailing Address _____ Zip Code _____
Email Address: _____

☐ Agent Name John Rickenbach, Sage Institute Daytime Phone 805/434-2804
Mailing Address 7343 El Camino Real #135, Atascadero, CA Zip Code 93422
Email Address: john@sageii.com

PROPERTY INFORMATION

otal Size of Site: 498.3 acre parcel Assessor Parcel Number(s): 076-011-027
Legal Description: Lot 9 of Rancho Pecho y Islay. Certificate of Compliance attached.
Address of the project (if known): Not listed.
Directions to the site (including gate codes) - describe first with name of road providing primary access to the site, then nearest roads, landmarks, etc.: US 101 to Los Osos Valley Road to Montana de Oro SP. Take Pecho Valley Road to fire road to ridge top.
Describe current uses, existing structures, and other improvements and vegetation on the property: Site does not support any development, structures or improvements. Vegetation is coastal scrub.

PROPOSED PROJECT

Describe the proposed project (inc. sq. ft. of all buildings): New EWS Repeater Station. Project includes a 50-foot utility pole with antenna and solar panel. Also includes 10'x16' utility pad with storage for RTU Radio and battery housing. (See Attached Supplemental Information.)

LEGAL DECLARATION

I, the owner of record of this property, have completed this form accurately and declare that all statements here are true. I do hereby grant official representatives of the county authorization to inspect the subject property.

Property owner signature [for Kris Vardas] Date 8-2-11

FOR STAFF USE ONLY

Reason for Land Use Permit: _____

LAND USE PERMIT APPLICATION

San Luis Obispo County Department of Planning and Building File No _____

Type of project: ☐ Commercial ☒ Industrial ☐ Residential ☐ Recreational ☐ Other

Describe any modifications/adjustments from ordinance needed and the reason for the request (if applicable): None

Describe existing and future access to the proposed project site: Access is from a fire road via Montana de Oro SP (Pecho Valley Rd.). Access will not be changed.

Surrounding parcel ownership: Do you own adjacent property? ☒ Yes ☐ No
If yes, what is the acreage of all property you own that surrounds the project site? APN 076-011-005, -026, -028, -029

Surrounding land use: What are the uses of the land surrounding your property (when applicable, please specify all agricultural uses):
North: Undeveloped Rural South: Undeveloped Rural
East: Undeveloped Rural West: Undeveloped Rural

For all projects, answer the following:
Square footage and percentage of the total site (approximately) that will be used for the following:
Buildings: 100 sq. feet NA % Landscaping: 0 sq. feet 0 %
Paving: 0 sq. feet 0 % Other (specify) NA
Total area of all paving and structures: 160 SF Pad ☒ sq. feet ☐ acres
Total area of grading or removal of ground cover: 160 SF Pad ☒ sq. feet ☐ acres
Number of parking spaces proposed: 0 Height of tallest structure: 50 ft. utility pole
Number of trees to be removed: 0 Type: _____
Setbacks: Front NA Right NA Left NA Back NA

Proposed water source: ☐ On-site well ☐ Shared well ☐ Other NA
☐ Community System - List the agency or company responsible for provision: _____
Do you have a valid will-serve letter? ☐ Yes ☐ No (If yes, please submit copy)

Proposed sewage disposal: ☐ Individual on-site system ☐ Other NA
☐ Community System - List the agency or company responsible for sewage disposal: _____
Do you have a valid will-serve letter? ☐ Yes ☐ No (If yes, please submit copy)

Fire Agency: List the agency responsible for fire protection: CAL FIRE

For commercial/industrial projects answer the following:
Total outdoor use area: NA ☐ sq. feet ☐ acres
Total floor area of all structures including upper stories: 100 sq. feet

For residential projects, answer the following:
Number of residential units: NA Number of bedrooms per unit: NA
Total floor area of all structures including upper stories, but not garages and carports: NA
Total of area of the lot(s) minus building footprint and parking spaces: NA

ENVIRONMENTAL DESCRIPTION FORM

an Luis Obispo County Department of Planning and Building File No _____

The California Environmental Quality Act (CEQA) requires all state and local agencies to consider and mitigate environmental impacts for their own actions and when permitting private projects. The Act also requires that an environmental impact report (EIR) be prepared for all actions that may significantly affect the quality of the environment. The information you provide on this form will help the Department of Planning and Building determine whether or not your project will significantly affect the quality of the environment.

To ensure that your environmental review is completed as quickly as possible, please remember to:

a. Answer **ALL** of the questions as accurately and completely as possible.
b. Include any additional information or explanations where you believe it would be helpful or where required. Include additional pages if needed.
c. If you are requesting a land division or a re-zoning, be sure to include complete information about future development that may result from the proposed land division or rezoning.
d. Include references to any reports or studies you are aware of that might be relevant to the questions asked or the answers you provide.

Should a determination be made that the information is inaccurate or insufficient, you will be required to submit additional information upon request.

Physical Site Characteristic Information

Your site plan will also need to show the information requested here:

1. Describe the topography of the site:
   Level to gently rolling, 0-10% slopes: NA acres
   Moderate slopes of 10-30%: NA acres
   Steep slopes over 30%: NA acres
2. Are there any springs, streams, lakes or marshes on or near the site? ☐ Yes ☒ No
   If yes, please describe: _____
3. Are there any flooding problems on the site or in the surrounding area? ☐ Yes ☒ No
   If yes, please describe: _____
4. Has a drainage plan been prepared? ☐ Yes ☒ No
   If yes, please include with application.
5. Has there been any grading or earthwork on the project site? ☐ Yes ☒ No
   If yes, please explain: _____
6. Has a grading plan been prepared? ☐ Yes ☒ No
   If yes, please include with application.
7. Are there any sewer ponds/waste disposal sites on/adjacent to the project? ☐ Yes ☒ No
8. Is a railroad or highway within 300 feet of your project site? ☐ Yes ☒ No
9. Can the proposed project be seen from surrounding public roads? ☐ Yes ☒ No
   If yes, please list: _____

Water Supply Information

What type of water supply is proposed?
☐ Individual well ☐ Shared well ☐ Community water system

2. What is the proposed use of the water?
   ☐ Residential ☐ Agricultural - Explain _____
   ☐ Commercial/Office - Explain _____
   ☐ Industrial – Explain _____
3. What is the expected daily water demand associated with the project? No water to be used
4. How many service connections will be required? None
5. Do operable water facilities exist on the site?
   ☐ Yes ☒ No If yes, please describe: _____
6. Has there been a sustained yield test on proposed or existing wells?
   ☐ Yes ☒ No If yes, please attach.
7. Does water meet the Health Agency's quality requirements?

Bacteriological?	☐ Yes	☐ No
Chemical?	☐ Yes	☐ No
Physical	☐ Yes	☐ No
Water analysis report submitted?	☐ Yes	☒ No

8. Please check if any of the following have been completed on the subject property and/or submitted to County Environmental Health.
   ☐ Well Driller's Letter ☐ Water Quality Analysis ☐ OK or ☐ Problems
   ☐ Will Serve Letter ☐ Pump Test _____ Hours _____ G.P.M.
   ☐ Surrounding Well Logs ☐ Hydrologic Study ☒ Other NA

Please attach any letters or documents to verify that water is available for the proposed project.

Sewage Disposal Information

If an on-site (individual) subsurface sewage disposal system will be used:

1. Has an engineered percolation test been accomplished?
   ☐ Yes ☒ No If yes, please attach a copy.
2. What is the distance from proposed leach field to any neighboring water wells? NA feet
3. Will subsurface drainage result in the possibility of effluent reappearing in surface water or on adjacent lands, due to steep slopes, impervious soil layers or other existing conditions?
   ☐ Yes ☒ No
4. Has a piezometer test been completed?
   ☐ Yes ☒ No
5. Will a Waste Discharge Permit from the Regional Water Quality Control Board be required?
   ☐ Yes ☒ No *(a waste discharge permit is typically needed when you exceed 2,500 gallons per day)*

If a community sewage disposal system is to be used:

1. Is this project to be connected to an existing sewer line? ☐ Yes ☒ No
   Distance to nearest sewer line: _____ Location of connection: _____
2. What is the amount of proposed flow? NA G.P.D.
3. Does the existing collection treatment and disposal system have adequate additional capacity to accept the proposed flow? ☐ Yes ☐ No

Solid Waste Information

1. What type of solid waste will be generated by the project?
   ☐ Domestic ☐ Industrial ☐ Agricultural ☐ Other, please explain? None
2. Name of Solid Waste Disposal Company: _____
3. Where is the waste disposal storage in relation to buildings? _____
4. Does your project design include an area for collecting recyclable materials and/or composting materials? ☐ Yes ☐ No

Community Service Information

1. Name of School District: NA
2. Location of nearest police station: _____
3. Location of nearest fire station: _____
4. Location of nearest public transit stop: _____
5. Are services (grocery/other shopping) within walking distance of the project? ☐ Yes ☐ No
   If yes, what is the distance? _____ feet/miles

Historic and Archeological Information

1. Please describe the historic use of the property:

   _____

   _____
2. Are you aware of the presence of any historic, cultural or archaeological materials on the project site or in the vicinity? ☒ Yes ☐ No
   If yes, please describe: No resources on-site, but coastal area, include known sites
3. Has an archaeological surface survey been done for the project site? ☐ Yes ☒ No
   If yes, please include two copies of the report with the application.

Commercial/Industrial Project Information

Only complete this section if you are proposing a commercial or industrial project or zoning change.

1. Days of Operation: NA Hours of Operation: NA
2. How many people will this project employ? NA
3. Will employees work in shifts? ☐ Yes ☒ No
   If yes, please identify the shift times and number of employees for each shift _____

   _____
4. Will this project produce any emissions (i.e., gasses, smoke, dust, odors, fumes, vapors)?
   ☐ Yes ☒ No If yes, please explain: _____
5. Will this project increase the noise level in the immediate vicinity? ☐ Yes ☒ No
   If yes, please explain: _____
   (If loud equipment is proposed, please submit manufacturers estimate on noise output.)
6. What type of industrial waste materials will result from the project? Explain in detail: None

   _____
7. Will hazardous products be used or stored on-site? ☒ Yes ☐ No
   If yes, please describe in detail: Enclosures mounted on concrete pad will house batteries for solar power generation and back up

   _____
8. Has a traffic study been prepared? ☐ Yes ☒ No If yes, please attach a copy.

9. Please estimate the number of employees, customers and other project-related traffic trips to or from the project: Between 7:00 - 9:00 a.m. NA Between 4:00 to 6:00 p.m. NA
10. Are you proposing any special measures (carpooling, public transit, telecommuting) to reduce automobile trips by employees ☐ Yes ☒ No
    If yes, please specify what you are proposing: _____
11. Are you aware of any potentially problematic roadway conditions that may exist or result from the proposed project, such as poor sight distance at access points, connecting with the public road?
    ☐ Yes ☒ No If yes, please describe: _____

Agricultural Information

Only complete this section if your site is: 1) Within the Agricultural land use category, or 2) currently in agricultural production.

1. Is the site currently in Agricultural Preserve (Williamson Act)? ☐ Yes ☒ No
2. If yes, is the site currently under land conservation contract? ☐ Yes ☒ No
3. If your land is currently vacant or in agricultural production, are there any restrictions on the crop productivity of the land? That is, are there any reasons (i.e., poor soil, steep slopes) the land cannot support a profitable agricultural crop? Please explain in detail: NA

Special Project Information

1. Describe any amenities included in the project, such as park areas, open spaces, common recreation facilities, etc.(these also need to be shown on your site plan): NA
2. Will the development occur in phases? ☐ Yes ☒ No
   If yes describe: _____
3. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? ☐ Yes ☒ No If yes, explain: _____
4. Are there any proposed or existing deed restrictions? ☐ Yes ☒ No
   If yes, please describe: _____

Energy Conservation Information

1. Describe any special energy conservation measures or building materials that will be incorporated into your project *: Repeater station to use solar power.

   *The county's Building Energy Efficient Structures (BEES) program can reduce your construction permit fees. Your building must exceed the California State Energy Standards (Title 24) in order to qualify for this program. If you are interested in more information, please contact the Building Services Division of the Department of Planning and Building at (805) 781-5600.

Environmental Information

1. List any mitigation measures that you propose to lessen the impacts associated with your project:
   1) Repeater station to use solar power
   2) Hand leveling to avoid use of heavy equipment
   3) Project designed to minimize visual impacts (see Supplemental Information)

2. Are you aware of any unique, rare or endangered species (vegetation or wildlife) associated with the project site? ☐ Yes ☒ No
   If yes, please list: _____
3. Are you aware of any previous environmental determinations for all or portions of this property? ☐ Yes ☒ No
   If yes, please describe and provide "ED" number(s): _____

Other Related Permits

1. List all permits, licenses or government approvals that will be required for your project (federal, state and local): _____

   (If you are unsure if additional permits are required from other agencies, please ask a member of the Planning Department staff currently assigned in either Current Planning or the Environmental Division.)

New EWS Repeater Station
Supplemental Application Materials and Visual Analysis

Additional Project Description Information

Location
The project site is located on a 498.3-acre parcel (APN 076-011-027), which is owned by PG&E. It is not accessible to the public, and is not located within the Coastal Zone. See the attached Assessor Parcel Map.

Project Purpose and Scope
The project is intended to enhance Emergency Preparedness Communications at the Diablo Canyon Power Plant (DCPP). It would replace an existing temporary repeater with a permanent repeater station.

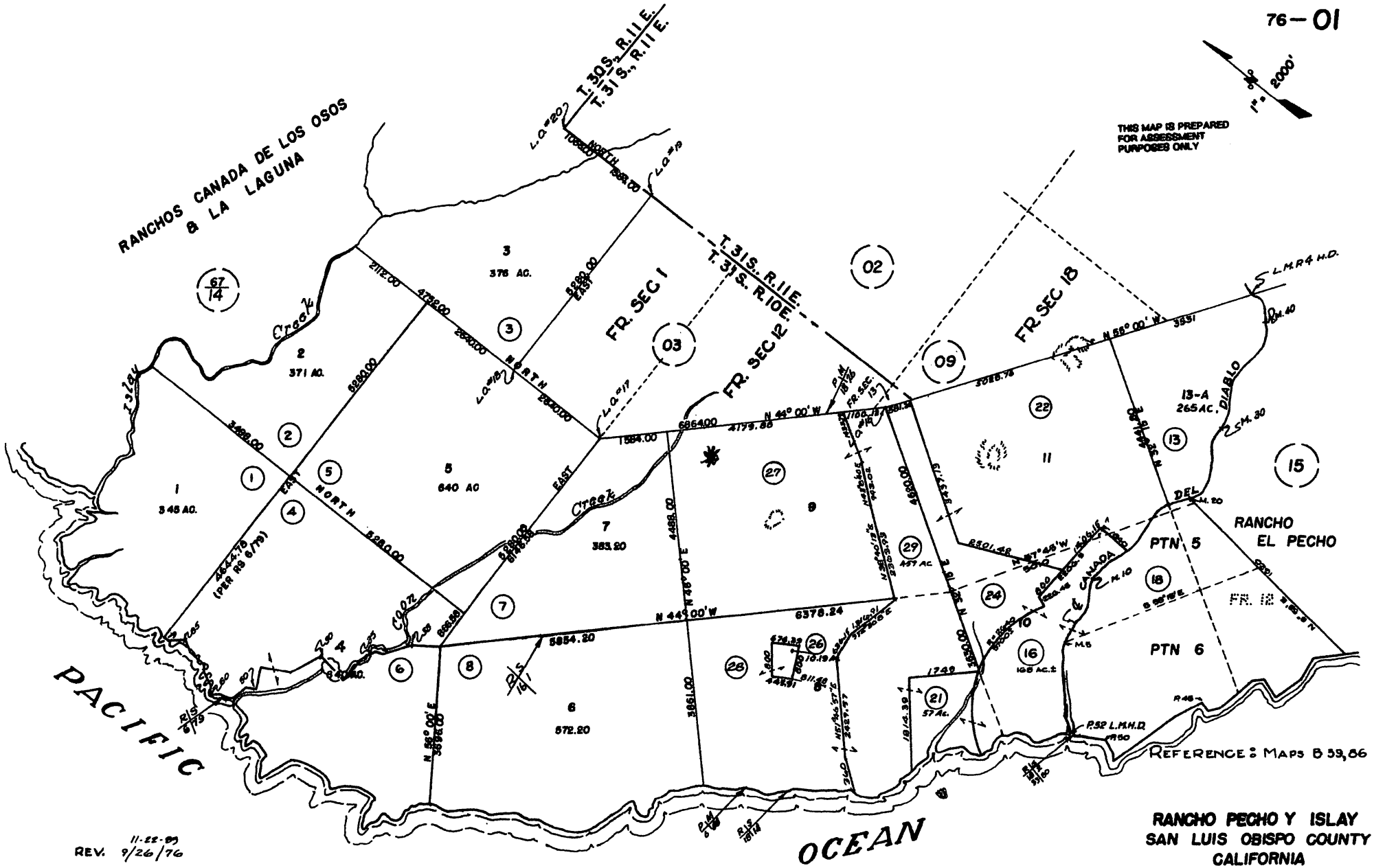
Design
The permanent repeater station will be located on DCPP property at the location denoted in the attachment. A concrete pad will be constructed with dimensions of 10-foot x 10-foot x 6" deep. In the center of the pad will be a deeper cylindrical concrete foundation footing to support the two metal poles that provide mounting attachment for the communications equipment. These two poles (6-foot tall steel poles with a 6-inch diameter) will be located on the pad and a 50-foot wood pole will be located adjacent to the pad. A steel box will be placed on the steel poles and a radio antenna will be installed on the top of the wooded pole. Ancillary solar panel(s) will be installed to power the repeater station. Please see the attached graphic showing the schematic design in elevation view for the proposed communications facility.

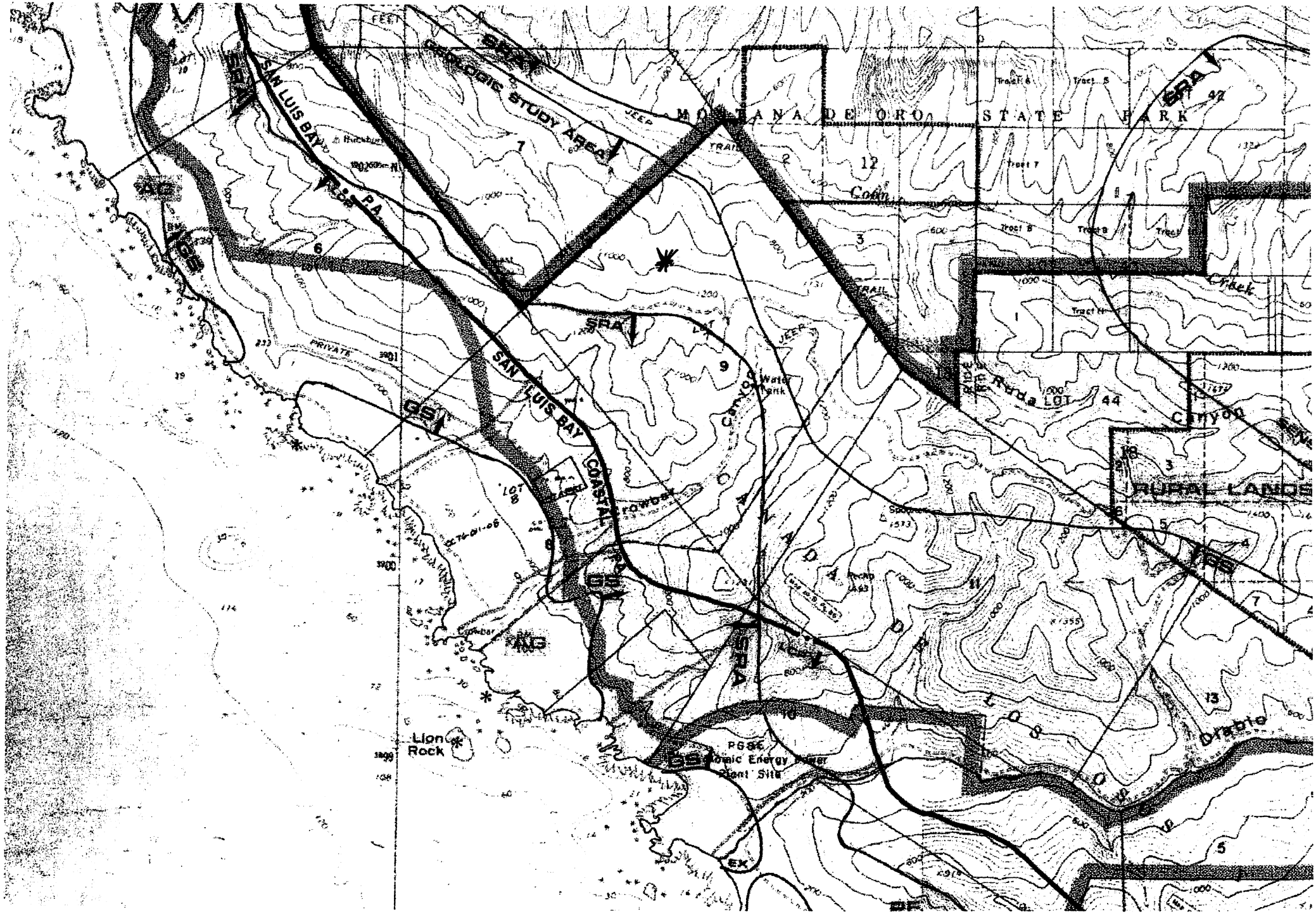
Construction
A total work area of 10-foot x 16-foot will be required. Equipment and supplies will be hauled to the site via 4x4 vehicles. Access will be accomplished overland - no improvements will be required.

General Appearance
The image included in the Visual Analysis (below) provides the general look and feel of the proposed station. Please note that would be two poles, a metal box, antenna, solar panel(s), and a concrete pad.

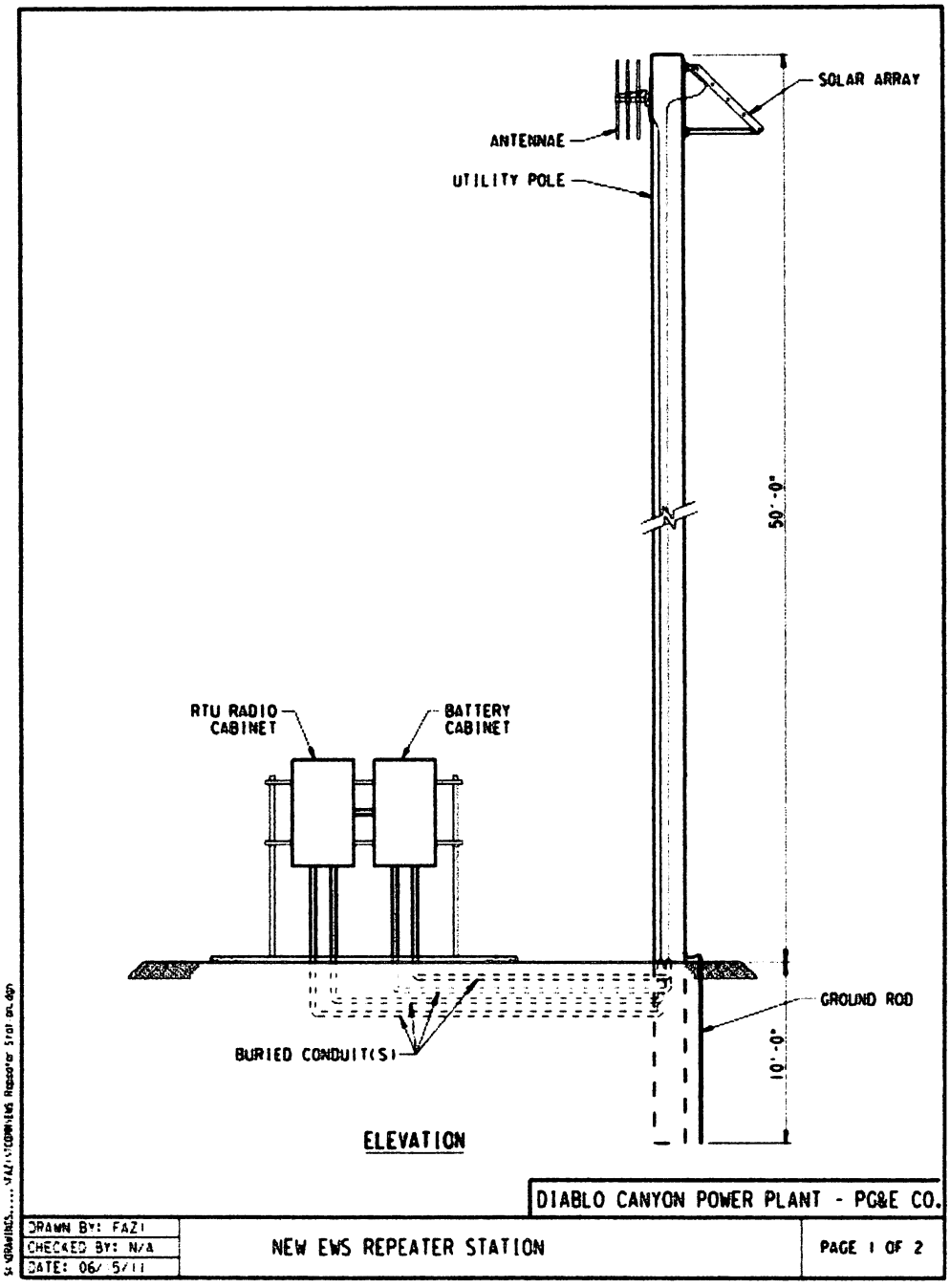
Potential Environmental Resources
A PG&E archaeologist examined the site and did not find any cultural resources, and the potential for buried resources is low because of its remote hilltop location. There do not appear to be any listed plants in the area.

Construction Equipment, Approach, and Timing
The repeater station will be up to 50 feet high, designed in substantial conformance with the attached drawings. Some construction materials will be brought in via helicopter, which will also assist in planting the pole. Other equipment needed to assist in the construction will be F-250\F-150 type 4x4 trucks, possibly a trailer, and a portable concrete mixer. The grading would consist of leveling (by hand shovel) a 10' x 10' area to install the concrete pad. The time required to complete construction would be up to 2 weeks.


76-01
1" = 2000'
THIS MAP IS PREPARED FOR ASSESSMENT PURPOSES ONLY
RANCHOS CANADA DE LOS OSOS & LA LAGUNA
T. 30 S., R. 11 E.
T. 31 S., R. 11 E.
T. 31 S., R. 10 E.
FR. SEC 1
FR. SEC 12
FR. SEC 18
FR. SEC. 13
L.M.H.R. 4 H.D.
13-A 265 AC. DIABLO
RANCHO EL PECHO
PTN 5
PTN 6
FR. 18
CANADA
DEL
Creek
PACIFIC
OCEAN
REFERENCE: MAPS B 59, 66
RANCHO PECHO Y ISLAY
SAN LUIS OBISPO COUNTY
CALIFORNIA
REV. 11-22-89
9/26/76

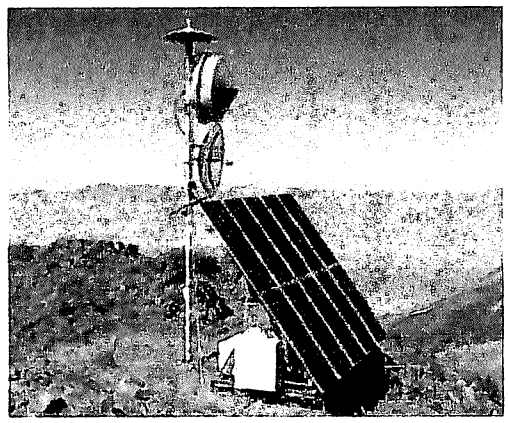

SRA
SAN LUIS BAY
GEOLOGIC STUDY AREA
MONTANA DE ORO STATE PARK
Coon
Creek
Ruda
Canyon
RURAL LANDS
Water Tank
Powder
Lion Rock
PG&E Atomic Energy Power Plant Site
Diablo
PRIVATE
COASTAL
TRAIL
JEEP
LOT
Tract 6
Tract 7
Tract 8
Tract 9
Tract 10

Schematic Design for the Proposed Communications Facility



Visual Analysis

The project will be constructed on a relatively small footprint, about 10 feet by 16 feet. The pole itself will be up to 50 feet in height. In general, the pole will only be visible from relatively near to the site, because of intervening topography and vegetation. The facility would look substantially similar to the photo below in overall scale, except as shown on the attached preliminary design schematic.



We have included a visual analysis of the theoretical one-mile viewshed associated with the project site. The attached graphic shows in yellow the areas that would have a potentially direct view of the repeater pole, assuming a 50-foot height. However, it should be noted that the graphic is general, and does not account for either intervening minor topographical escarpments, trees, or the camouflaging effect of background vegetation and hillsides.

Further, it should be noted that there is no public road access within one mile of the proposed site. There is, however, the publicly accessible Point Buchon Trail, which is operated on PG&E property, a portion of which is within one mile of the proposed repeater station. The last half mile of the trail closest to the power plant traverses an open terrace that may have direct views of the repeater station, based on the attached graphic. However, the pole would be about 2,000 to 4,000 feet away from viewers, so the station would not appear to be visually prominent from this distance. In addition, viewers at this location will already have a more prominent and direct view of the Diablo Canyon Power Plant at even closer range, so the visual quality of the area is already impacted by this facility.

The Coon Creek Trail within Montana de Oro State Park is the next nearest public access to the site. This trail at its nearest point is about 0.75 miles from the proposed site, but is visually separated by a prominent ridgeline, other topographic features, and dense vegetation along the riparian portions of the trail. As confirmed on the accompanying graphic, the project site is not visible from the Coon Creek Trail.

However, the site may be distantly visible from both Oates Peak and Valencia Peak, which are about 1.5 and 2 miles from the site, respectively, within Montana de Oro State Park. The site may also be visible at times from the Oates Peak Trail, if one is hiking between the peak and the Coon Creek Trail. The views disappear when descending to the Coon Creek Trail, as one becomes separated by intervening topography.

Project Features that Address Visual Concerns

The proposed project will be designed to incorporate several features to address issues associated with public viewing areas. These include the following, consistent with County standard conditions related to aesthetics:

- The facility will be painted with a matte finish, in earth tones designed to blend in with the background vegetation and topography;
- The number and size of the support cables will be minimized to the extent possible; and
- The profile of the tower will be masked to the extent possible through vegetative screening or camouflage, provided that such actions do not interfere with the utility of the facility.

RECORDING REQUESTED BY
SAN LUIS OBISPO COUNTY

WHEN RECORDED, RETURN TO:

Planning Director
Room 102, Courthouse Annex
San Luis Obispo, California
93401

DOC. NO. 10928
OFFICIAL RECORDS
SAN LUIS OBISPO CO., CAL
MAR 18 1982
WILLIAM E. ZIMARIK
COUNTY RECORDER
TIME 10:40 AM

CERTIFICATE OF COMPLIANCE

The following real property and the division thereof into One (1) parcels as of the date of recordation of this document, has been determined to be in compliance with applicable provisions of the Subdivision Map Act of the State of California and Local Ordinances enacted pursuant thereto. Said Real Property being described as:

Lot 9 of the Rancho Pecho y Islay, in the County of San Luis Obispo, State of California, as shown on map recorded in Book B, page 86 of Maps in the office of the County Recorder of said County.

EXCEPTING THEREFROM those portions of said Lot 9 now included within the lines of Parcel "B" of Parcel Map COAL 75-65 by a lot line adjustment recorded in Book 18, page 26 of Parcel Maps.

OWNERS: CROCKER NATIONAL BANK, HALE FIELD, ALMERON FIELD, and VIRGINIA FIELD BRUNO, trustees in trust under the will of Oliver C. Field, deceased.

SAN LUIS OBISPO COUNTY
PLANNING DEPARTMENT

By: _____
Larry J. Red, Suporvisor
Subdivision Review Section

STATE OF CALIFORNIA)
COUNTY OF SAN LUIS OBISPO) SS.

On March 15, 1982, before me, the undersigned, a Notary Public in and for the State, personally appeared Larry J. Red known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

MARY L. SWEDLUND
NOTARY PUBLIC
SAN LUIS OBISPO COUNTY
CALIFORNIA
My Commission Expires on June 21, 1985

SEAL

_____
NOTARY PUBLIC

CO 871

VOL 2394 PAGE 657

END OF DOCUMENT

Parcel Summary Report For Parcel # 076-011-027

8/9/2011
11:40:48AM

San Luis Obispo County Department of Planning and Building
County Government Center San Luis Obispo, California 93408 Telephone: (805) 781-5600

People Information

Role	Name and Address
OWN	BOE 135-40-025C-02
OWN	PACIFIC GAS & ELECTIRC CO CA CORP

Address Information

Status	Address

Lot Information:

Tract / Twnshp	Block / Range	Section	Community:	Plan/Area:	Lue 1:	Lue 2:	Lue 3:	Lot:	Flags:	Misc
APV.C83-	018	0002	San Luis Bay Ru	San Luis Bay				N		
RHOPHOIS	0000	9P	San Luis Bay Ru	San Luis Bay	RL	GS	SRA	Y		

Parcel Information

Status	Description
Active	BOE 135-40-25C PAR 2

Notes

Tax Districts

SAN LUIS COASTAL UNIFIED SCHOOL
SAN LUIS OBISPO JT(27,40) COMM. COLLEGE
AREA NO. 21 COUNTY SERVICE
NO. 02 ROAD-CO/SUPVR

Parcel Summary Report For Parcel # 076-011-027

San Luis Obispo County Department of Planning and Building
County Government Center San Luis Obispo, California 93408 Telephone: (805) 781-5600

Case Information

Case Number:	Case Status:	
DRC2011-00008	REC	Primary Parcel
Description:		
NEW REPEATER STATION		
S830006C	RDD	Primary Parcel
Description:		
PROP 1 CERT OF COMP		