

#### IV. TEXT CHANGES TO THE MITIGATED NEGATIVE DECLARATION/INITIAL STUDY

---

---

The following text changes are made to the Mitigated Negative Declaration/Initial Study and incorporated as part of the Mitigated Negative Declaration/Initial Study. These include both text changes made in Section III of this document in response to comments, and staff-initiated text changes and errata. Additions to text in this section are shown as double-underlined, and deletions to the text are noted by strike through lines. In addition, this section includes revised figures from the Mitigated Negative Declaration/Initial Study, and some new figures.

In the Mitigated Negative Declaration, mitigation measure 4.9.a.1 is added as follows:

##### Hazards

**4.9.a.1** For the plants subject to this proceeding Edison shall provide the new owner, for each respective plant, with all of Edison's material, non-privileged informational materials and training documents (not including records relating to Edison personnel) regarding worker health and safety, emergency plans and hazardous materials handling and storage. Although the new owners will be responsible for ensuring that their operations are in compliance with applicable laws, this informational material may assist new owners in understanding worker health and safety issues and procedures and in meeting all safety and legal obligations regarding hazardous materials handling, emergency plans and storage.

Monitoring Action: Edison will provide the CPUC mitigation monitor with a disclosure form signed by the new owner listing documents to accomplish this condition.

Responsibility: CPUC

Timing: At least 3 business days prior to transfer of title of the plant(s).

In the Mitigated Negative Declaration (and also on page 4.14.13 of the Initial Study), mitigation measure 4.14.a.1 is revised as follows:

**4.14.a.1** Edison shall prepare and certify its intent to comply with a program to address potential impacts to paleontological resources from Edison actions related to the divestiture of the Cool Water Power Plant, such as minor construction to separate the properties or soil remediation activities. The program shall include provisions in Edison construction documents and protocols for coordination with appropriate resource agencies. The program shall at a minimum include the following provisions:

A qualified paleontologist~~archaeologist~~ shall be consulted prior to implementing construction or soil remediation activities that will involve earthmoving or soil excavation, and the paleontologist~~archaeologist~~ shall be available for consultation or evaluation ~~or of paleontological resources uncovered by such activities.~~ For any previously undisturbed, known paleontological~~archaeological~~ areas, a qualified paleontologist~~archaeologist~~ shall monitor earthmoving and soil excavation activities, consistent with relevant Federal, State, and local guidelines. If an unrecorded resource is discovered, construction or excavation activities shall be temporarily halted or directed to other areas pending the paleontologist's~~archaeologist's~~ evaluation of its significance. If the resource is significant, data collection, excavation, or other standard paleontological~~archaeological or historical~~ procedures shall be implemented to mitigate impacts pursuant to the paleontologist's~~archaeologist's~~ direction. If any human remains are encountered, the ~~archaeologist shall contact the appropriate County Coroner immediately and security measures shall be implemented to ensure that burials are not vandalized until the decision of burial deposition has been made pursuant to California law. If human remains are determined to be Native American interments, the Coroner shall contact the Native American Heritage Commission pursuant to Public Resources Code Section 5097.98 and follow the procedures stated herein and other applicable laws.~~ A report by the paleontologist~~archaeologist~~ evaluating the find and identifying mitigation actions taken shall be submitted to the CPUC. ~~Where appropriate to protect the location and sensitivity of the cultural resources, the report may be submitted under Public Utilities Code Section 583 or other appropriate confidentiality provisions.~~

In the Mitigated Negative Declaration (and also beginning on page 4.14.14 of the Initial Study), the first paragraph of mitigation measure 4.14.a.2 is revised as follows:

- 4.14.a.2** Edison shall provide the new owner of the Cool Water plant with Edison's paleontological resource informational materials and any training documents concerning paleontological resources at Cool Water, in order to assist new owners in knowing the locations of ~~cultural~~ paleontological resources, and in meeting their legal obligations regarding preservation of these resources.

In the Mitigated Negative Declaration (and also beginning on page 4.14.14 of the Initial Study), mitigation measure 4.14.b.1 is revised as follows:

**4.14.b.1** Edison shall prepare and certify its intent to comply with a program to address potential impacts to archaeological resources from Edison actions related to the divestiture at Alamitos, Cool Water, Ellwood, Mandalay, Ormond, and Redondo power plants, such as minor construction to separate the properties or soil remediation activities. The program shall include provisions in Edison construction documents and protocols for coordination with appropriate resource agencies. The program shall at a minimum include the following provisions:

A qualified archaeologist shall be consulted prior to implementing construction or soil remediation activities that will involve earthmoving or soil excavation, and the archaeologist shall be available for consultation or evaluation of any cultural resources uncovered by such activities. For any previously undisturbed, known archaeological areas, a qualified archaeologist shall monitor earthmoving and soil excavation activities, consistent with relevant Federal, State, and local guidelines. If an unrecorded resource is discovered, construction or excavation activities shall be temporarily halted or directed to other areas pending the archaeologist's evaluation of its significance. If the resource is significant, data collection, excavation, or other standard archaeological or historical procedures shall be implemented to mitigate impacts pursuant to the archaeologist's direction. If any human remains are encountered, the archaeologist shall contact the appropriate County Coroner immediately and security measures shall be implemented to ensure that burials are not vandalized until the decision of burial deposition has been made pursuant to California law. If human remains are determined to be Native American interments, the Coroner shall contact the Native American Heritage Commission pursuant to Public Resources Code Section 5097.98 and follow the procedures stated herein and other applicable laws. A report by the archaeologist evaluating the find and identifying mitigation actions taken shall be submitted to the CPUC. Where appropriate to protect the location and sensitivity of the cultural resources, the report may be submitted under Public Utilities Code Section 583 or other appropriate confidentiality provisions.

~~A qualified archaeologist shall monitor all earthmoving and soil remediation activities at the Alamitos, Ellwood, Mandalay, Ormond, and Redondo plants. The monitoring shall be consistent with relevant Federal, State, and local guidelines. If previously unrecorded cultural resources are discovered during any phase of construction or remediation, the monitor shall temporarily redirect construction to other areas and shall evaluate the resource's significance. If the resource is significant, data collection, excavation, or other standard archaeological or historical procedures shall be implemented to mitigate impacts pursuant to the archaeologist's direction. If any human remains are encountered, the archaeologist shall contact the appropriate County Coroner immediately and security measures shall be implemented to ensure that burials are not vandalized until the decision of burial deposition has been made pursuant to California law. If human remains are determined to be Native American interments, the Coroner shall contact the Native American Heritage Commission for determination as to reburial of remains. A report evaluating the find and identifying mitigation actions shall be submitted by the archaeologist to the CPUC.~~

*Monitoring Action:* CPUC mitigation monitor's approval of Edison's proposed archaeological mitigation program, and any subsequent implementation reports.

*Responsibility:* CPUC

*Timing:* Approval by CPUC monitor of archaeological mitigation program at least 10 business days prior to transfer of ownership of the Alamitos, Cool Water, Ellwood, Mandalay, Ormond, and Redondo plants; review implementation reports upon submittal.

In the Mitigated Negative Declaration (and also on page 4.14.15 of the Initial Study) , the first sentence of mitigation measure 4.14.b.2 is revised as follows:

**4.14.b.2** Edison shall provide the new owner of the Alamitos, Cool Water, Ellwood, Mandalay, Ormond Beach and Redondo plants with Edison's archaeological resource informational materials and any training documents concerning the new owner's respective plant.

On page 2.3, the Ellwood Energy Support Facility entry for Table 2.1, the sixth column is revised as follows:

natural gas only, ~~distillate~~

On page 2.4, the Mandalay Generating Station entry for Table 2.1, the sixth column is revised as follows:

~~natural gas~~, distillate only

The last sentence of the second paragraph on page 2.5 is revised as follows:

...flexibility of the power plants ~~lines~~.

The third sentence of the second paragraph on page 2.8 is revised as follows:

At Redondo, Edison will either sell the entire property, retaining easements and the transmission facilities, if the lot line adjustment is not approved prior to the auction, or if approved, divide the property as proposed in the lot line adjustment application.

The third sentence of the second paragraph on page 2.22 is revised as follows:

...dependable output of 140-154 MW and winter dependable output of 154-140 MW with...

The last three sentences of the second paragraph on page 2.22 are revised as follows:

Figure 2.14 shows the ~~approximate~~ existing boundary of the property being either retained or sold. ~~This figure reflects lot line adjustment application that is pending before the City of Grand Terrace.~~ Figure 2.14a shows Edison's proposed property divisions, which were recently approved by the City of Grand Terrace, if the lot line adjustment is not approved before the auction.

The title of Figure 2.14a on page 2.25 is revised as follows:

Highgrove Generating Station Property Lines ~~Without~~ With Lot Line Adjustment

The following text is added following the end of the second sentence on page 2.27:

Figure 2.16a shows Edison's proposed lot line adjustment application that is pending before the City of Huntington Beach.

Figure 2.16 on page 2.28 is replaced with Edison's new figure Attachment C-1 (found at the end of this section) and a new Figure 2.16a (Edison's new figure Attachment C-2, found at the end of this section) on a new page 2.29 noted as "With Lot Line Adjustment" is added.

Figure 2.25a on page 2.41 is replaced with Edison's Attachment D (found at the end of this section).

The sixth sentence of the first paragraph of page 3.2 is revised as follows:

With that exception, however, expansion or repowering of facilities at the plants would require issuance of new permits and accompanying environmental review by the CEC. Regardless of CEC jurisdiction any plant expansion would require other permits and environmental reviews such as new construction permits or new source review by the affected air agencies.

The last paragraph on page 3.5 is revised as follows :

Table 3.1 presents reasonably foreseeable capacity factors (the percentage of total plant capacity) for operation of the twelve plants in a restructured setting if they were not sold, but were retained by Edison. These capacity factors are based on the SERASYM<sup>TM</sup> unit-specific, California-wide data set, which was processed by the SERASYM<sup>TM</sup> model to forecast plant operations in 1998<sup>FN</sup> (add footnote: "SERASYM<sup>TM</sup> is Copyright © 1991-

1997 Sierra Energy & Risk Assessment, Inc.). Table 3.1 also indicates the projected technically feasible maximum operating capacity factors.

The last sentence of the second paragraph on page 4.1.7 is revised as follows:

Although the generation plant falls within the City's Coastal Zone, the Harbor/Civic Center Specific Plan serves as the area's local coastal plan. The project site is within the California Coastal Commission's Coastal Zone. The City does not have a fully certified Local Coastal Plan; therefore, the Coastal Commission retains permitting authority for land use changes at the plant.

The following recorded earthquakes are added to Table 4.3.2 under the Etiwanda Plant on page 4.3.6.

| <b>Date</b>    | <b>Richter Scale Magnitude</b> | <b>Epicenter from Station</b> | <b>Location</b>           |
|----------------|--------------------------------|-------------------------------|---------------------------|
| <u>2/9/71</u>  | <u>6.5</u>                     | <u>37 mi. NW</u>              | <u>San Fernando</u>       |
| <u>10/1/87</u> | <u>5.9</u>                     | <u>20 mi. SW</u>              | <u>Whittier</u>           |
| <u>2/28/90</u> | <u>5.5</u>                     | <u>less than 4 mi. W</u>      | <u>Upland</u>             |
| <u>6/28/91</u> | <u>6.0</u>                     | <u>20 mi. NW</u>              | <u>Sierra Madre</u>       |
| <u>4/22/92</u> | <u>6.1</u>                     | <u>61 mi. SE</u>              | <u>Desert Hot Springs</u> |
| <u>6/28/92</u> | <u>6.6</u>                     | <u>44 mi. NE</u>              | <u>Big Bear</u>           |
| <u>6/28/92</u> | <u>7.5</u>                     | <u>68 mi. NE</u>              | <u>Landers</u>            |
| <u>1/17/94</u> | <u>6.7</u>                     | <u>55 mi. NW</u>              | <u>Northridge</u>         |

Blank entries in the seventh column (labeled “MCE”) of Table 4.3.1 on page 4.3.6 for the two rows denoted as the “Red Hill” fault are revised as follows:

6.5

The following text is added after the last paragraph on page 4.3.14:

The City of Rancho Cucamonga has adopted an earthquake special study zone on the City's General Plan Geotechnical hazard map for the area around the Red Hill Fault. The plant is not within this zone.

The third sentence of the sixth paragraph on page 4.4.29 is revised as follows:

One screening facility serves the retired Units 1 through 4...

The second sentence of the last paragraph on page 4.5.26 is revised as follows:

The closest air pollution-sensitive receptors to the generating station are located approximately one mile to the northwest of the site. ~~half mile directly north of the generating facility in a multi-family residential development near the intersection of Etiwanda Avenue and Arrow Highway.~~ Other receptors are located approximately one mile to the northwest of the site, and at a San Bernardino County Jail facility approximately one mile south of the generating facility at the intersection of Etiwanda Avenue and Fourth Street (San Bernardino Road).

The second bullet on page 4.5.30 is changed as follows:

“~~reflect~~ forecasted levels of direct access to be...”

The last sentence of the fifth paragraph on page 4.7.4 is revised as follows:

However, the plant is within a critical habitat area for Delhi ~~Delphi~~ sand-flower-loving fly (federally endangered) and the residual open space could harbor several special status species such as the burrowing owl, orange-throated whiptail, the San Bernardino Merriam's kangaroo rat and the San Diego horned lizard.

The third sentence of the first paragraph on page 4.9.6 is revised as follows:

Redondo power plant has a hazardous waste storage area, six aboveground storage tanks, one underground aqueous ammonia storage tank, two underground storage tanks, (one containing unleaded gasoline, and the other containing diesel fuel), one resin tank, three retention basins, one transformer switch yards, and eight generating units that could be sources of contamination.

The next to last paragraph on page 4.9.7 is revised as follows:

~~Edison has agreed to provide any new owners with all of Edison's informational materials and training documents related to worker health and safety and to hazardous materials handling and storage.~~

Although the impact is not significant, the following mitigation measure will reduce any potential accidental risks to even lower levels:

Mitigation Measure

4.9.a.1 For the plants subject to this proceeding Edison shall provide the new owner, for each respective plant, with all of Edison's material, non-privileged informational materials and training documents (not including records relating to Edison personnel) regarding worker health and safety, emergency plans and hazardous materials handling and storage. Although the new owners will be responsible for ensuring that their operations are in compliance with applicable laws, this informational material may assist new owners in understanding worker health and safety issues and procedures and in meeting all safety and legal obligations regarding hazardous materials handling, emergency plans and storage.

Monitoring Action: Edison will provide the CPUC mitigation monitor with a disclosure form signed by the new owner listing documents to accomplish this condition

Responsibility: CPUC

Timing: At least 3 business days prior to transfer of title of the plant(s).

The last paragraph on page 4.9.7 is revised as follows:

Under divestiture, any new owner would be required to comply with all worker and public safety laws and regulations, just as is the case for Edison now. Furthermore, Edison will provide each new owner with information about Edison's operating procedures and compliance plans. Because of these laws and circumstances, this potential impact of the project would be less than significant. Nonetheless, the above mitigation measure will assist new owners in complying with pertinent laws and regulations.

The third paragraph on page 4.10.11 is revised as follows:

Night is the most sensitive time for noise effects. The expected result of potential increases in generation would be that multiple units are operated at night (two units would be expected to produce a noise level about 3 dBA higher than one unit). However, current information indicates that, sometimes, multiple boilers are frequently left on at night, but at a somewhat lower capacity than during the daytime (which does



not affect the noise levels). Steam boilers are generally started during daytime hours; nighttime start-ups are not expected as a reasonably foreseeable consequence of divestiture (Weatherwax, 1997). In as much as multiple units are sometimes typically operated at night under existing conditions without identified noise impacts and within the applicable noise ordinance criteria, the operation of multiple units at night under divestiture would ...

The following text is added to the end of the last paragraph on page 4.13.6.

In views from the east, the site is visually compatible with surrounding industrial uses. The station facilities and transmission lines dominate the background of southwesterly views from uphill areas along Herondo Street. The City of Redondo Beach has noted that nearly all of the industrial uses to the east of the plant will be redeveloped. The City considers the view of the plant to be incompatible with the community and destructive to the scenic vista of the harbor. However, with the exception of fences to proposed parcel boundaries internal to the plant, the proposed project will add no new structures and will not change any views. Therefore, the project will generate no significant visual impacts.

The third sentence of the fourth paragraph on page 4.16.3 is revised as follows:

There are a number of reasons for this rationale that are outlined in Attachment Appendix C of the Initial Study.

The last sentence of the first bullet on page 4.16.5 is revised as follows:

...with the CEC in the near future by October 1, 1997.

The last sentence of the third bullet page 4.16.5 is revised as follows:

...file its AFC in the near future in September, 1997.

The first sentence of the fourth bullet on page 4.16.5 is revised as follows:

Pioneer (aka Livingston) is proposed by Mock Brook Energy, the...

The last two sentences of the first bullet on page 4.16.6 are revised as follows:

...to support the plant. The applicants expect to reach a decision on whether to file an AFC in the latter part of 1997 at the end of August (Haussler, 1997).

The third paragraph on page 4.16.6 is revised as follows:

These potential future power plants, once constructed, are not expected to have cumulative impacts with the project. Demand for electricity in California is not expected to significantly increase. The cumulative effect of new plants (if built) would likely inhibit the tendency of the new owners of divested plants to increase operations at individual plants because new plants would tend to increase electrical generation capacity in California. The new proposed plants would employ the latest in generating and pollution control technology and may be cleaner to operate so that they would have lower emissions. This would provide a potential positive net benefit to the environment, particularly with respect to air quality. Therefore, the cumulative impacts associated with future potential power plants and the project would be less than significant.<sup>3</sup> Local Cumulative Projects

### 3. Local Cumulative Projects

Table 4.16-1 is amended to include the following additional local community projects near the Redondo Beach Generating Station.

|   |  |
|---|--|
| <u>811-819 North Catalina Avenue</u>                | <u>Catalina Technology Center, 293,000 sq. ft mixed use immediately east of the plant. Includes 20,000 sq. ft of Retail/Commercial, 40,000 Business Office, 40,000 Incubator, Industrial, and 100,000 mini storage, due to start construction November, 1997</u> |
| <u>East of Edison plant, across Gertruda Street</u> | <u>Condorian Theater Project; 50,000 sq. ft, 13-16 screens, 2,500-3,000 seat cinema with 15,000 sq. ft of retail/restaurant</u>  |
| <u>260 Portofino Way</u>                            | <u>Portofino Hotel, addition of conference and banquette rooms</u>   |
| <u>300 N. Harbor Drive</u>                          | <u>Crown Plaza Hotel, 21 room expansion</u>  |

Table 4.16-1 is revised as follows:

| <b>Ellwood Generating Station</b>                         |   |
|---|---|
| <u>Edison Proposed 66kV Substation Project at Ellwood</u> | <u>A new substation, needed to meet growing industrial and commercial demand in the Ellwood area. Neg. Dec. 96-ND-24 issued by the Energy Division of Santa Barbara County.</u> |

The following references are added to Section 7:

R.R. Austria, T.I. Leksan, et al., *Phase 1 Operating Reliability Requirements Study*, prepared for California Independent System Operator Restructuring Trust --

George, Ballard, Acoustic Engineer, phone interview, October, 13, 1997.

Haussler, Robert, California Energy Commission, Telephone communication, August 18, 1997.

Khosrovani, Hooshang, Paul S. Veneklasen & Associates, "Noise Impact Report-Redondo Generating Station," 12 November 1996.

Lim, Kenneth, Bay Area Air Quality Management District, letter to Bruce Kaneshiro at the CPUC, September 25, 1997.

Robey, Bob, Paul S. Veneklasen & Associates, personal communication, August 13, 1997.

Transmission Reliability Study, Power Technologies, Inc., Schenectady, N.Y., June 30, 1997 (PTI Report No. R53-97).

The following are revised figures provided by Southern California Edison as attachments to their September 25, 1997 letter to the CPUC. They are as follows:

Attachment C-1 - Huntington Beach Generating Station (without lot line adjustment)

Attachment C-2 - Huntington Beach Generating Station (with lot line adjustment)

Attachment D - Redondo Generating Station (without lot line adjustment)

insert attachment c-1

insert attachment c-2

insert attachment d