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DOCKET
06-AFC-7
DATE NOV 19 2007
RECD. NOV 19 2007

November 19, 2007

Mr. John Kessler
Project Manager
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

Re: Revised Visual Simulations
Humboldt Bay Repowering Project (06-AFC-07)

Dear Mr. Kessler:

Attached are an original and 12 copies revised simulated views of the Humboldt Bay Repowering Project in support of Pacific Gas and Electric Company's Application for Certification for the Humboldt Bay Repowering Project (06-AFC-07). These simulations correct and replace the simulations that were filed on September 28, 2007, showing 100-foot tall exhaust stacks. The previous filings did not depict the metal stack support framing correctly.

If you have any questions about this matter, please contact me at (916) 286-0278 or Susan Strachan at (530) 757-7038.

Sincerely,

Douglas M. Davy, Ph.D.
AFC Project Manager

Attachment

cc: G. Lamberg
S. Strachan
S. Galati

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA

APPLICATION FOR CERTIFICATION FOR THE HUMBOLDT BAY REPOWERING PROJECT BY PACIFIC GAS AND ELECTRIC COMPANY	**Docket No. 06-AFC-7** **PROOF OF SERVICE** **(Revised 10/25/07)**

INSTRUCTIONS: All parties shall 1) send an original signed document plus 12 copies OR 2) mail one original signed copy AND e-mail the document to the web address below, AND 3) all parties shall also send a printed OR electronic copy of the documents that shall include a proof of service declaration to each of the individuals on the proof of service:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 06-AFC-07
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

APPLICANT

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PG&E
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Public Adviser's Office
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DECLARATION OF SERVICE

I, Haneefah Walker, declare that on November 19, 2007, I deposited the required copies of the attached Revised Visual Simulation filed in support of the Application for Certification for the Humboldt Bay Repowering Project (06-AFC-07) in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed to those identified on the Proof of Service list above. I declare under penalty of perjury that the foregoing is true and correct.

OR

Transmission via electronic mail was consistent with the requirements of California Code of Regulations, title 20, sections 1209, 1209.5, and 1210. All electronic copies were sent to all those identified on the Proof of Service list above.

I declare under penalty of perjury that the foregoing is true and correct.

Haneefah Walker

Haneefah Walker

Humboldt Bay Repowering Project (06-AFC-7)

Supplemental Filing of November 19, 2007

Revised Visual Simulations

Attached are revised visual simulations filed in support of the Humboldt Bay Repowering Project (HBRP) Application for Certification (AFC) 06-AFC-07 before the California Energy Commission. The attached visual simulations correct and replace revised visual simulations that Pacific Gas and Electric Company (PG&E) filed on September 28, 2007 (Docket #42578). The simulations filed in September had been revised to depict the modified stack height, which changed from the 75-foot height described in the AFC, to 100 feet. The change in stack height resulted from additional air dispersion modeling analyses.

In subsequent discussions with the owner's engineer and equipment supplier, Wärtsilä Corporation, however, it was determined that the simulations filed in September do not show the metal stack support structure surrounding the stacks at the correct height. The stack support structure will increase in height along with the height of the stacks themselves and was not shown with this increase in the September 28 filing. For this reason, PG&E has prepared revised visual simulations showing the correct stack support structure heights. A revised simulation from Key Observation Point (KOP)-6 (South Spit Wildlife Area) has not been prepared because, from the distance between the project and the viewpoint from this KOP, the stacks appear relatively small and do not penetrate the background horizon, and the increase in stack height is not consequential.

Attachments:

Existing View and Visual Simulation from Northbound Highway 101 – KOP-1

Existing View and Visual Simulation from King Salmon Avenue – KOP-2

Existing View and Visual Simulation from Shoreline Trail - KOP-3

Existing View and Visual Simulation from Loma Avenue - KOP-4

Existing View and Visual Simulation from Spruce Vista Point - KOP-5

Existing View from Highway 101 northbound looking north

Visual Simulation of Proposed Project

NOTE: Simulation does not portray new project landscaping

For viewpoint location refer to Figure 8.13-3

FIGURE 8.13-5
EXISTING VIEW AND VISUAL SIMULATION FROM NORTHBOUND HIGHWAY 101 - KOP1

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HUMBOLDT COUNTY, CALIFORNIA

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Existing View from King Salmon Avenue near Highway 101 looking north

Visual Simulation of Proposed Project

NOTE: Simulation does not portray new project landscaping

For viewpoint location refer to Figure 8.13-3

Existing View from shoreline trail looking south across Discharge Canal

Visual Simulation of Proposed Project

NOTE: Simulation does not portray new project landscaping

For viewpoint location refer to Figure 8.13-3

FIGURE 8.13-7
EXISTING VIEW AND VISUAL SIMULATION FROM SHORELINE TRAIL - KOP3

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HUMBOLDT COUNTY, CALIFORNIA

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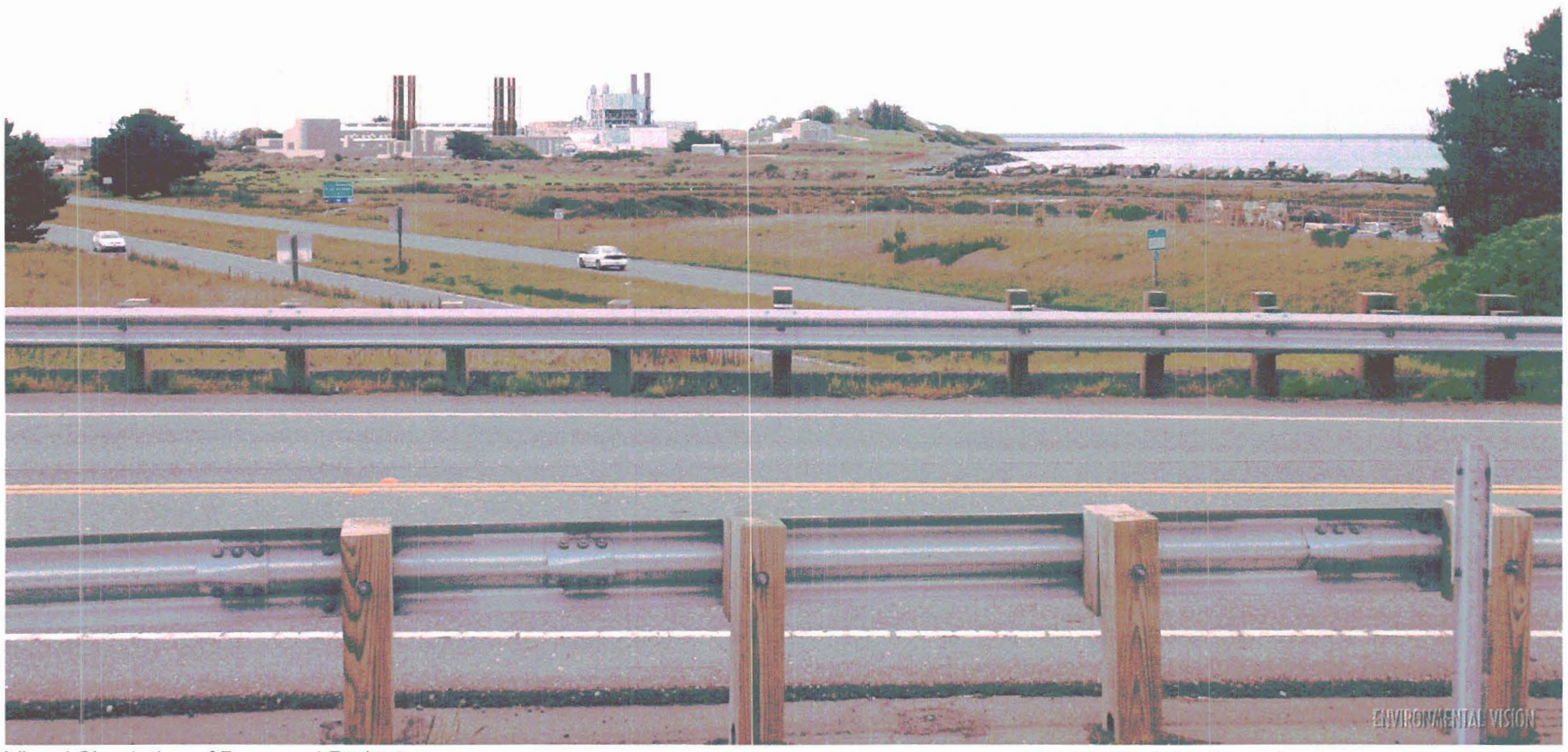
Existing View from Spruce Vista Point (Highway 101) looking southwest



Visual Simulation of Proposed Project

NOTE: Simulation does not portray new project landscaping

For viewpoint location refer to Figure 8.13-3

FIGURE 8.13-9
EXISTING VIEW AND VISUAL SIMULATION FROM SPRUCE VISTA POINT - KOP5

HUMBOLDT BAY REPOWERING PROJECT
HUMBOLDT COUNTY, CALIFORNIA

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Existing View from Loma Avenue looking north

Visual Simulation of Proposed Project

NOTE: Simulation does not portray new project landscaping

For viewpoint location refer to Figure 8.13-3

FIGURE 8.13-8
EXISTING VIEW AND VISUAL SIMULATION FROM LOMA AVENUE - KOP4

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HUMBOLDT COUNTY, CALIFORNIA

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