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October 3, 2008

File No. 030137-0012

VIA FEDEX

CALIFORNIA ENERGY COMMISSION

Attn: Docket No. 07-AFC-3

1516 Ninth Street, MS-4

Sacramento, California 95814-5512

DOCKET	
07-AFC-3	
DATE	<u>OCT 03 2008</u>
RECD.	<u>OCT 06 2008</u>

Re: CPV Sentinel Energy Project: Docket No. 07-AFC-3

Dear Sir/Madam:

Pursuant to California Code of Regulations, title 20, sections 1209, 1209.5, and 1210, enclosed herewith for filing please find a document entitled, "CPV Sentinel Construction Emissions."

Please note that the enclosed submittal was also filed today via electronic mail to your attention.

Very truly yours,



Paul E. Kihm
Senior Paralegal

Enclosure

cc: CEC 07-AFC-3 Proof of Service List (w/encl. via e-mail)
Michael J. Carroll, Esq. (w/ encl.)

Table 7.1-10							
Daily Maximum Construction Emissions of Criteria Pollutants (lbs/day)							
Activity	PM ₁₀	PM _{2.5}	CO	ROC	NO _x	SO _x	CO ₂ e
Onsite Combustion Emissions							
Diesel Construction Equipment	7.41	6.82	65.23	19.64	118.38	0.12	10087.32
Dump trucks, pickup trucks and worker vehicles	0.05	0.04	0.49	0.10	1.03	0.00	121.878
Construction Combustion Subtotal (lbs)	7.5	6.9	65.7	19.7	119.4	0.12	10209.2
Onsite Fugitive Dust Emissions							
Vehicle Travel on Unpaved Roads and Parking Lot	1.65	0.35					
Earth clearing/Bulldozing	1.46	0.30					
Earth Loading/Storage	2.46	0.51					
Subtotal of Offsite Emissions (lbs)	5.6	1.2					
Offsite On-Highway Emissions							
Worker Passenger Vehicle – Combustion Emissions	0.02	0.01	2.09	0.21	0.22	0.002	236.781
Worker Passenger Vehicle – Paved Road Dust	1.38	0.23					
Subtotal of Offsite Emissions (lbs)	1.40	0.24	2.09	0.21	0.22	0.002	236.781
Total Max. Daily Emissions (lbs)	14.4	8.3	67.8	20.0	119.6	0.12	10446.0
Notes: PM ₁₀ = particulate matter less than 10 micrometers in diameter PM _{2.5} = particulate matter less than 2.5 micrometers in diameter ROC = reactive organic compounds CO = carbon monoxide NO _x = nitrogen oxide(s) SO _x = sulfur oxide(s)							

Table 7.1-11							
Maximum Annual Construction Emissions of Criteria Pollutants (ton/year [tpy])							
Activity	PM ₁₀	PM _{2.5}	CO	ROC	NO _x	SO _x	CO ₂ e
Onsite Combustion Emissions							
Diesel Construction Equipment	0.96	0.88	8.36	2.61	14.97	0.02	1311.48
Dump trucks, pickup trucks and worker vehicles	0.002	0.002	0.109	0.013	0.046	0.000	14.678
Construction Combustion Subtotal (tpy)	1.0	0.9	8.5	2.6	15.0	0.02	1326.16
Onsite Fugitive Dust Emissions							
Vehicle Travel on Unpaved Roads and Parking Lot	0.16	0.03					
Earth clearing/Bulldozing	1.12	0.23					
Earth Loading/Storage	0.15	0.03					
Subtotal of Offsite Emissions (tpy)	1.4	0.3					
Offsite On-Highway Emissions							
Worker Passenger Vehicle – Combustion Emissions	0.003	0.002	0.375	0.038	0.039	0.000	42.621
Worker Passenger Vehicle – Paved Road Dust	0.25	0.04					
Subtotal of Offsite Emissions (tpy)	0.25	0.04	0.38	0.04	0.04	0.00	42.621
Total Max. Daily Emissions (tpy)	2.6	1.2	8.8	2.7	15.1	0.02	1368.8
Notes: PM ₁₀ = particulate matter less than 10 micrometers in diameter PM _{2.5} = particulate matter less than 2.5 micrometers in diameter ROC = reactive organic compounds CO = carbon monoxide NO _x = nitrogen oxide(s) SO _x = sulfur oxide(s)							

Table 7.1-11a		
Maximum Annual Construction Emissions of Greenhouse Gases		
Emission Location	CO ₂ e (ton/year)	CO ₂ e (Metric ton / year)
Main Site	1028.20	932.77
Transmission Line	62.95	57.11
Laydown Area	115.41	104.70
Gas Line	104.92	95.18
On-site Road and Parking Lot	14.68	13.32
Total	1326.16	1203.07

**STATE OF CALIFORNIA
ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

In the Matter of:) Docket No. 07-AFC-3
)
Application for Certification,) **ELECTRONIC PROOF OF SERVICE**
for the CPV SENTINEL ENERGY PROJECT) **LIST**
)
) (July 24, 2008]
)
_____)

Transmission via electronic mail and by depositing one original signed document with FedEx overnight mail delivery service at Costa Mesa, California with delivery fees thereon fully prepaid and addressed to the following:

DOCKET UNIT

CALIFORNIA ENERGY COMMISSION

Attn: DOCKET NO. 07-AFC-3
1516 Ninth Street, MS-15
Sacramento, California 95814-5512
docket@energy.state.ca.us

Transmission via electronic mail addressed to the following:

APPLICANT

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CPV SENTINEL ENERGY PROJECT
CEC Docket No. 07-AFC-3

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CPV SENTINEL ENERGY PROJECT
CEC Docket No. 07-AFC-3

DECLARATION OF SERVICE

I, Paul Kihm, declare that on October 3, 2008, I deposited a copy of the attached:

CPV SENTINEL CONSTRUCTION EMISSIONS

with FedEx overnight mail delivery service at Costa Mesa, California with delivery fees thereon fully prepaid and addressed to the California Energy Commission. I further declare that 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. Executed on October 3, 2008, at Costa Mesa, California.



Paul Kihm