

DOCKETED

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Project Title:	Huntington Beach Energy Project
TN #:	202616
Document Title:	Declaration of Jerry Salamy in Support of Applicant's Opening Testimony.pdf
Description:	Declaration of Jerry Salamy in Support of Applicant's Opening Testimony in Support of Air Quality, Public Health, and Alternatives
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Organization:	Stoel Rives LLP
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Declaration of
JERRY SALAMY
Huntington Beach Energy Project
(12-AFC-02)

I, Jerry Salamy, declare as follows:

1. I am presently employed by CH2M HILL, Inc. under contract with AES Southland Development, LLC to provide environmental consulting services for the Huntington Beach Energy Project ("HBEP").
2. A copy of my professional qualifications and experience is attached hereto as Exhibit A and incorporated by reference herein.
3. I caused to be prepared or prepared information related to **Air Quality, Public Health and Alternatives** in support of the Application for Certification ("AFC") for HBEP. Such information was either provided by me to consultants for incorporation of such data into documents or based on my independent analysis of data from reliable documents and sources, as well as my professional experience and knowledge. Specifically, I prepared or caused to be prepared the following:
 - a. Application for Certification, Sections 5.1 (Air Quality), 5.9 (Public Health) and 6.0 (Alternatives/Technology) and related Appendices, dated and docketed June 27, 2012 (TN #66003)
 - b. Air Quality Air Dispersion Modeling Data (CD) and Air Quality Appendices 5.1A, dated and docketed June 27, 2012 (TN #66006)
 - c. Applicant's Data Adequacy Supplement, Sections 5.1 and 5.9, dated and docketed August 6, 2012 (TN #66490)
 - d. Dispersion Modeling Files (Data Adequacy Response 24), dated August 2012; docketed August 6, 2012 (TN #66491)
 - e. AES (S. O'Kane) letter to D. Jordan, USEPA, re Application for Greenhouse Gas PSD Pre-Construction Permit, dated September 19, 2012; docketed September 26, 2012 (TN # 67316)
 - f. AES (S. O'Kane) Response to South Coast Air Quality Management District's Air Application, dated September 20, 2012; docketed September 26, 2012 (TN #67317)
 - g. Emails Between S. O'Kane, C. Perri, SCAQMD, and CH2M Hill re HBEP Emission Rates and Modeling Results (various dates), docketed October 24, 2012 (TN #68070)
 - h. Email re Huntington Beach Energy Project's Emission Rates and Modeling Results, dated October 25, 2012, docketed October 26, 2012 (TN #68208)
 - i. Responses to Staff's Data Requests, Set 1A (#1-22; 37-39), dated and docketed November 2, 2012 (TN #68366)
 - j. Air Quality Modeling Files Related to CEC Staff's Data Request Two, docketed November 5, 2012 (TN #68384)

- k. Letter to F. Miller, CEC, dated and docketed November 7, 2012 enclosing correspondence to US EPA with document and modeling files, dated September 19, 2012 (TN #68416)
- l. Correspondence related to Air Quality (various dates), docketed December 11, 2012 (TN #68848)
- m. Response to SCAQMD's October 26, 2012 Email Request re Start / Stop Emissions and GHG Performance, dated December 7, 2012, docketed December 11, 2012 (TN #68850)
- n. Email to CEC Staff and South Coast Air Quality Management District, et al. from Jerry Salamy, CH2M Hill, DOCKETED December 12, 2012 re HBEP start/stop emissions and GHG Performance (TN #68867)
- o. Email to SCAQMD Regarding Huntington Beach Energy Project's GHG Calculations and Heat Rates, dated December 19, 2012, docketed December 20, 2012 (TN #68934)
- p. Email Correspondence related to Air Quality (various dates), docketed January 3, 2013 (TN #69017)
- q. EPA's letter to S. O'Kane re Transfer of GHG PSD Permit Application to South Coast Air Quality Management District, dated January 11, 2013 (TN #69098)
- r. Air Quality Modeling Files Related to Applicant's Response to Staff's Data Request AQ-11, dated and docketed January 17, 2013 (TN #69179)
- s. Responses to Staff's Data Requests, Set 1 (AQ-11), dated January 16, 2013; docketed January 17, 2013 (TN #69182)
- t. Responses to Staff's Data Requests, Set 2 (#74-77), dated and docketed January 22, 2013 (TN #69208)
- u. Chris Perri's (South Coast Air Quality Management District) email to S. O'Kane, et al., and Jerry Salamy's response re HBEP Commissioning Emissions, docketed January 23, 2013 (TN #69243)
- v. Correspondence Related to Air Quality – Ammonia Emissions, dated January 24 and 28, 2013, docketed February 6, 2013 (TN #69422)
- w. Responses to Staff's Data Requests, Set 2A (#74-77), dated and docketed February 22, 2013 (TN #69631)
- x. Air Quality Modeling Files Related to Applicant's Responses to Staff's Data Requests, Set 2A (Public Health #74-77), docketed February 22, 2013 (TN #69632)
- y. Letter to AES from SCAQMD requesting additional clarifying information related to air permit application dated February 19, 2013, docketed February 26, 2013 (TN #69687)
- z. Applicant's Correspondence Related to Air Quality (various dates, January and February 2013), docketed February 27, 2013 (TN #69700)
- aa. Responses to Staff's Workshop Queries and Related Air Quality Modeling Files, dated and docketed March 13, 2013 (TN #69918)
- bb. Applicant's Correspondence Related to Air Quality (various dates), docketed March 14, 2013 (TN #69920)
- cc. Email Correspondence Providing Information Regarding Construction Risk Value (Public Health), dated March 19, 2013 and docketed March 20, 2013 (TN #69969)

- dd. Applicant's Correspondence re Air Quality, dated March 25, 2013 and docketed on March 27, 2013 (TN #70167)
- ee. Applicant's Correspondence re Air Quality (various dates) docketed on May 10, 2013 (TN #70762)
- ff. Applicant's Responses to Data Requests, Set 4 (#104-106) and related Air Quality Modeling Files, dated and docketed May 17, 2013 (TN #70865)
- gg. Responses to Data Requests, Set 5 (#107-109) (Public Health) dated and docketed May 17, 2013 (TN #70870)
- hh. Correspondence related to Air Quality (various dates), docketed July 3, 2013 (TN #71513)
- ii. Correspondence with CEC Staff re Cheng Cycle Technology Information, dated July 12, 2013 and docketed July 15, 2013 (TN #71601)
- jj. Correspondence with South Coast Air Quality Management District dated July 17, 2013 and docketed July 25, 2013 (TN #200042)
- kk. Applicant's Response to SCAQMD's June 7, 2013 Data Request, dated August 26, 2013 and docketed August 28, 2013 (TN #200362)
- ll. Correspondence re Air Quality (various dates) docketed August 29, 2013 (TN #200375)
- mm. 1-Hour NO₂ Competing Source Inventory with related email correspondence and Air Quality Modeling Files, dated October 18, 2013 (TN #200949)
- nn. Resubmission of Data Responses, Set 1B, 4, and 5 (#104-106 (Air Quality and #107-109 (Public Health))) dated and docketed November 4, 2013 (TN #201106)
- oo. Letter to F. Miller re AQ Modeling Files Submitted with Revised Responses, Set 1B, 4, and 5 dated and docketed November 4, 2013 (TN #201109)
- pp. Correspondence re Air Quality (various dates) docketed November 15, 2013 (TN #201229)
- qq. Resubmission of Data Responses, Set 4 Set 4 (Updated Response to Data Request 104 [Air Quality]), dated January 15, 2014 and docketed January 17, 2014 (TN #201570)
- rr. Discs Containing Air Modeling Files Related to Resubmission of Data Responses, Set 4 docketed January 17, 2014 (TN #201572)
- ss. Applicant's Comments on SCAQMD's Preliminary Determination of Compliance, dated and docketed March 7, 2014 (TN #201840)
- tt. Applicant's Comments on Preliminary Staff Assessment Part B (Air Quality and Public Health) dated and docketed April 7, 2014 (TN #201969)
- uu. Applicant's transmittal of SCAQMD's Preliminary Determination of Compliance dated April 1, 2014, docketed April 11, 2014 (TN #202003)
- vv. Revised Data Responses (#104), dated and docketed April 22, 2014 (TN #202186)
- ww. Applicant's Comments on Preliminary Determination of Compliance submitted to SCAQMD on May 5, 2014, docketed May 5, 2014 (TN #202292)
- xx. Applicant's Correspondence to SCAQMD re Class II Visibility, dated May 16, 2013; docketed June 25, 2014 (TN #202604)
- yy. Applicant's Correspondence to SCAQMD re Verification of PDOC Public Notice Distribution, dated June 18, 2014; docketed June 25, 2014 (TN #202605)

zz. Opening Testimony in Support of Air Quality and Public Health (docketed with Applicant's Opening Testimony on June 30, 2014 (TN # TBD)).

4. It is my professional opinion that the information provided to the California Energy Commission related to the HBEP AFC proceeding is valid and accurate with respect to the issues addressed herein.
5. I am personally familiar with the facts and conclusions related in the testimony with respect to the issues addressed herein.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief.

June 26, 2014
Date

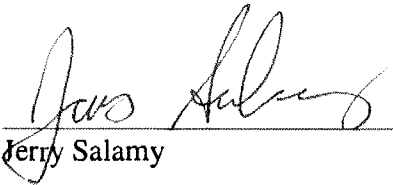

Jerry Salamy

EXHIBIT A



Jerry Salamy

Air Quality Permitting Specialist

Education

B.A., Chemistry

Relevant Experience

Mr. Salamy has more than 25 years of experience, including assignments as project manager for applications for certification (AFC) before the California Energy Commission (CEC). He has also prepared air quality permit applications, prepared project feasibility studies, assessed industrial facilities compliance with state and federal air pollution rules and regulations, and assisted power plant clients with compliance-related issues.

Representative Projects

Air Quality Lead; Application for Certification; Huntington Beach Energy Project; AES Southland Development LLC; Huntington Beach, CA. Managed the preparation of the air quality section of an AFC for a 1,185-MW combined cycle repower of the existing Huntington Beach Generating Station located in Huntington Beach, CA. The project required the preparation of numerous other studies and a Prevention of Significant Deterioration (PSD) permit application submitted to the South Coast Air Quality Management District. Air permitting required extensive document preparation to demonstrate the project was employing the Best Available Control Technology to control greenhouse gas emissions.

Air Quality Lead; Application for Certification; Alamitos Energy Center; AES Southland Development LLC; Long Beach, CA. Managed the preparation of the air quality section of an AFC for a 1,950-MW combined cycle repower of the existing Alamitos Beach Generating Station located in Long Beach, CA. The project required the preparation of numerous other studies and a Prevention of Significant Deterioration (PSD) permit application submitted to the South Coast Air Quality Management District. Air permitting required extensive document preparation to demonstrate the project was employing the Best Available Control Technology to control greenhouse gas emissions. The project also required the submittal of an Air Quality Related Values analysis to the Federal Land Manager (National Forest Service) to assess project impacts on Class I area, consistent with the PSD program requirements.

Air Quality Lead; Application for Certification; Redondo Beach Energy Project; AES Southland Development LLC; Redondo Beach, CA. Managed the preparation of the air quality section of an AFC for a 546-MW combined cycle repower of the existing Redondo Beach Generating Station located in Redondo Beach, CA. The project required the preparation of numerous other studies and a Prevention of Significant Deterioration (PSD) permit application submitted to the South Coast Air Quality Management District. Air permitting required extensive document preparation to demonstrate the project was employing the Best Available Control Technology to control greenhouse gas emissions. The project is actively opposed by several public groups and the City of Redondo Beach.

Air Quality Lead; Application for Certification; Mariposa Energy Project; Diamond Generating Corporation; Tracy, CA. Managed the preparation of the air quality section of an AFC for a 200-MW peaking power plant in near Tracy, CA. The project required the preparation of numerous other studies and a permit application submitted to the Bay Area Air Quality Management District. Air permitting required extensive document preparation to demonstrate the project was employing the Best Available Control Technology to control air emissions. The project was highly contested with a significant level of public involvement.

Air Quality Lead; Application for Certification; Rice Solar Energy Project; SolarReserve. Managed the preparation of the air quality section of an AFC for a 150-MW concentrating solar power plant in San Bernardino County, CA. The project required the preparation of numerous other studies and a permit application submitted to the Mojave Desert Air Quality Management District. Air permitting required

Jerry Salamy

extensive document preparation to define air emissions associated with the thermal energy storage system due to its unique characteristics.

Air Quality Audits; Calpine Corp.; Northern California. Participated in the multimedia auditing Calpine's power plants in northern California. He conducted air quality audits of the Delta Energy Center and Los Medanos Energy Center facilities. Mr. Salamy's responsibilities included participating in the development of the pre-audit checklist and field interview forms; conducting kick-off, pre-audit, and close-out audit meetings; conducting field interviews and audits; summarizing and presenting findings; and preparing the final audit report.

Application for Certification; Sutter Power Plant; Calpine Corp.; Yuba City, CA. Managed the preparation of the air quality section of the Sutter Power Plant AFC. The air quality analysis required the preparation of an environmental setting for the project site, a criteria and toxic pollutant emission inventory, a Best Available Control Technology analysis, and air dispersion modeling. These analyses were used to support the preparation of a Prevention of Significant Deterioration and New Source Review permit applications. These applications were submitted to the U.S. EPA Region IX office and the Feather River Air Quality Management District for the issuance of a construction permits. The scope of work also required the identification of emission reduction credits (ERCs) to support the New Source Review permitting process. Mr. Salamy was instrumental in locating and negotiating for the purchase of the ERCs necessary for the siting of the Sutter Power Plant.

Application for Certification; East Altamont Energy Center, Calpine Corp.; Tracy. Managed the preparation of the East Altamont Energy Center AFC for a 1,100-MW power plant in Tracy. Mr. Salamy also prepared the alternative site and generating technologies, ammonia risk assessments, and provided general licensing support.

Application for Certification; Los Esteros Critical Energy Facility; Calpine C*Power; San Jose, CA. Managed the preparation of the AFC for a 180-MW power plant in San Jose. The project required the preparation of numerous other studies/documents to satisfy the CEC staff request. These studies/documents included the preparation of a general plan amendment and planned development zoning applications, archaeological and paleontological survey reports, and biological resource protection permits. Mr. Salamy also managed the development and implementation of biological, cultural, and paleontological resource monitoring programs; risk management plan; traffic and transportation management plan; waste reduction program; and an electromagnetic force evaluation for project construction.

Application for Certification; Metcalf Energy Center; Calpine Corp.; San Jose, CA. Assisted in the management of the preparation of the Metcalf Energy Center AFC. Mr. Salamy was responsible for the development and tracking of data response submittals requested by the CEC. Mr. Salamy also authored data responses for hazardous materials management.

Air Quality Audits, SMUD. Managed air quality audits for four power plants in Northern California. He conducted air quality audits of the Central Valley Finance Authority's Carson Energy Facility and McClellan Gas Turbine Facility and oversaw air quality audits at the Sacramento Cogeneration Authority – SCA Cogen II and Cogen III. Mr. Salamy's responsibilities included managing the development of the pre-audit checklist and field interview forms; conducting kick-off, pre-audit, and close-out audit meetings; conducting field interviews and audits; summarizing and presenting findings; and preparing the final audit reports.

Apex Generating Station Licensing; Mirant Inc.; Las Vegas, NV. Managed the licensing of Mirant's 1,100-megawatt Apex Generating Station. Mr. Salamy prepared a Prevention of Significant Deterioration Pre-Construction Permit Application for the project, as well as the preparation of a National Environmental Policy Act Environmental Assessment to support the siting of the 500-kilovolt transmission line.