

CINDY R. MACDONALD

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STATEMENT OF QUALIFICATIONS

Relevant Background

In 1971, my father purchased a 2.5-acre parcel of land approximately 0.5 miles from the proposed project site, which we routinely visited until 1973 when we became permanent residents of Charleston View, CA. I went to school at Tecopa Elementary and Death Valley High School.

Though I moved from the area in order to obtain employment, I have made regular and routine trips to my “first home” throughout my adult life through the present. In 2005, I purchased an adjacent piece of property and expect to inherit the “family” property at some point in the future.

As a result, I am very familiar with the history, background, and surrounding environment associated with the proposed project site and therefore, have specialized knowledge and experience of both the current and historical conditions in its vicinity over the last 40 years. Additionally, throughout this time I also have knowledge of experiences shared with me from my family regarding these same subjects.

Relevant Skills

In July, 2006, a local newspaper article announcing the removal of local wild horse and burro herds that I had seen in both the Las Vegas and Pahrump Valley throughout my life inspired me to become involved in public planning efforts regarding the BLM Wild Horse & Burro Program.

This led to five years of intensive involvement and research regarding a wide variety of relevant subject matter, including but not limited to; BLM programs such as the Wild Horse & Burro Program, Public lands grazing, allotments and rangeland management, oil & gas, multiple Resource Management Plans, Environmental Impact Statements, Environmental Assessments, and planning efforts by U.S. Forest Service, U.S. Fish & Wildlife Service, and Nevada Department of Wildlife.

This self-education also involved rigorous reviews of untold numerous reports, studies and data on all manner of potentially related subject matters including but not limited to biological, cultural and historic resources, and wildlife management. I also become reasonably well versed in research techniques, critical analysis, locating hard-to-find and/or historical documents, statistical analysis, and a vast amount of personal communication with a broad range of BLM personnel on local, regional and national levels that contributed to my education and knowledge.

Relevant law review included, but was not limited to; the Taylor Grazing Act, Multiple Use-Sustained-Yield Act, National Environmental Protection Act (NEPA), National Historic Preservation Act (NHPA), Threatened & Endangered Species Act, Wild Free Roaming Horse & Burro Act, Federal Lands Management Policy Act (FLMPA), Public Rangeland Improvement Act (PRIA), the Public Trust Doctrine, a wide range of Code of Federal Regulations (CFR), state statutes, relevant case law and related rulings from the Interior Board of Land Appeals (IBLA).

My most influential books were, "Waste of the West: Public Lands Ranching" by Lynn Jacobs, "Western Turf Wars: The Politics of Public Lands Ranching" by Mike Hudak and "Our Unprotected Heritage: Whitewashing the Destruction of Our Cultural and Natural Environment" by Thomas F. King.

Between 2007-2011, I initiated the "American Herds" blog, the first blog of its kind regarding the Wild Horse & Burro Program and published 191 articles, most of which were researched and written solely by myself. I also authored and/or compiled the following reports:

- "Wild Burros of the American West: A Critical Analysis of the National Status of Wild Burros On Public Lands" (2006)
- "The Use of Helicopters To Remove Wild Horses & Burros From Public Lands" (2007)
- "America's Mustangs & Burros: What's Left, The High Cost of Miscalculating and Will They Survive?" (2008)
- "The Jackson Mountains Wild Horses: A Case Study in the Mismanagement of the BLM's Wild Horse & Burro Program" (2009)
- "The Thriving Natural Ecological Balance: A Comparative Analysis of Free-Roaming Wild Horses and Burros in Relation to Habitat, Wildlife and Livestock Populations" (2009)
- "Report to Congress Regarding The Wild Horse and Burros Program, BLM, DOI, Refuting FY2011 Budget Justifications" (2010), co-author.

Throughout this period I worked with and/or coordinated efforts with various individuals and organizations, including, but not limited to; American Horse Defense Fund, American Wild Horse Preservation Campaign, Animals' Angels, Animal Law Coalition, Animal Welfare Institute, Front Range Equine Rescue, Basin & Range Watch, The Cloud Foundation, International Fund For Horses, International Society For the Protection of Mustangs and Burros, Return To Freedom, Western Watersheds, Wild Burro Rescue, Wild Horse Spirit and was a special research assistant for Equine Welfare Alliance.

Finally, because of this expertise, I appear in the documentaries, "Stampede To Oblivion", a special investigative report by the Las Vegas I-Team and film "Disappointment Valley...A Modern Day Western" produced by James Kleinert.

As a result of these extensive efforts, I developed specialized skills, knowledge, and experience regarding a broad range of subject matter that directly or indirectly relate to technical areas associated with the proposed project.

Relevant Education

On November 20, 2011, I became involved in reviewing the proposed Hidden Hills Solar Electric Generating System due to its proximity to my property and my "first" home.

After extensive review of the AFC files, Data Responses and related and/or pertinent subject matter on all technical disciplines, my first submission to the CEC regarding the proposed HHSEGS was a 223-page document titled, "Preliminary Comments, Technical Analysis and Recommendations" on March 9, 2012. An additional 223-page document was submitted to the CEC regarding the Preliminary Staff Assessment titled, "Supplemental Comments & Analysis" on July 19, 2012.

All total, I have submitted multiple related documents to the CEC over the course of these proceedings regarding the proposed HHSEGS, including copies of correspondence to the Great Basin Unified Air Pollution Control District regarding the Preliminary and Final Determination of Compliance. I have also engaged in communications and/or research correspondence with the EPA-Region 9, California Air Resource Board, Nevada Division of Environmental Protection, Southern California Environmental Health Sciences, California Natural Diversity Database, Nature Serve: Univ. of Massachusetts, Univ. of California, UNLV, California Environmental Justice Alliance, CEC Staff (though mostly due to Public Record Act requests) BLM specialists from the Southern Nevada District Office, Needles and Barstow Field Office, and various departments of Inyo County.

I have reasonably educated myself on many aspects of the proposed HHSEGS within each of the related topic areas of the AFC, PSA, FSA and associated documents, have attended multiple workshops regarding the proposed project, have obtained cursory knowledge regarding similar projects such as the Ivanpah and Rio Mesa SEGS, as well as reasonably researching and acquiring knowledge about the Applicant's parent company, Bright Source Energy.

My knowledge, skills and education regarding the proposed HHSEGS AFC and associated documents have led to the recognition and rectification of errors in the Hazardous Materials and Traffic and Transportation (via emissions) sections of the AFC as well as making contributions that were ultimately incorporated in the FSA. These included identifying additional water use located near the project site and additional traffic counts on the Tecopa Road, both of which had yet to be identified by Applicant or Staff prior to my involvement.

Because of my extensive involvement in the proposed project, I have become reasonably educated regarding many of the specifics related to topic areas associated with the proposed HHSEGS and will bring unique and specialized information to the proceedings based on my review of the HHSEGS, associated materials and independent research that will be combined with long-standing personal knowledge of the vicinity of the proposed project site and surrounding region.

With respect to subject matter published by experts and/or authorities on any particular topic that have or might be introduced for consideration during the HHSEGS AFC proceedings, I rely upon their acknowledged expertise and merely seek to incorporate that expertise during the decision-making process for potential relevance.

Some brief examples include Exhibit 736, Soil-Sement™ dust suppressant to provide manufacturing, application requirements and safety data; Exhibit 744, Environmental Justice Fact Sheet published by the California Office of the Attorney General, statistical data regarding environmental facts reported by the Environmental Protection Agency (EPA) incorporated in Exhibit 700, Preliminary Comments, Technical Analysis and Recommendations and Exhibit 743, a relatively recent study regarding the causes of the “Dust Bowl” through human-induced land degradation.

Finally, on May 15, 2012, the Committee granted my Petition To Intervene and conferred upon me all obligations, responsibilities and rights to participate in these proceedings as evidenced by Exhibit 714, Committee Order Granting Petition To Intervene.

Expertise and/or Knowledge By Topic Area

Project Description

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Project Alternatives

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Facility Design

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Power Plant Efficiency

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Power Plant Reliability

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Air Quality

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Public Health

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Worker Safety/Fire Protection

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Biological Resources

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Soil and Water Resources

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Cultural Resources

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Geological and Paleontological Resources

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Land Use

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Traffic and Transportation

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Socioeconomics (including Environmental Justice and Growth Inducing Impacts)

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Noise and Vibration

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.

Visual Resources

Knowledge of proposed project site and surrounding region, HHSEGS AFC files, PSA and FSA and associated documents, independent research and knowledge of related subject materials.



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
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**APPLICATION FOR CERTIFICATION FOR THE
HIDDEN HILLS SOLAR ELECTRIC
GENERATING SYSTEM**

Docket No. 11-AFC-02

**PROOF OF SERVICE
(Revised 3/8/13)**

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*After docketing, the Docket
Unit will provide a copy to the
persons listed below. Do not
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specifically directed to do so.*

KAREN DOUGLAS
Commissioner and Presiding
Member

DAVID HOCHSCHILD
Commissioner and Associate
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Ken Celli
Hearing Adviser

Galen Lemei
Adviser to Presiding Member

Jennifer Nelson
Adviser to Presiding Member

Jim Bartridge
Adviser to Associate Member

Eileen Allen
Commissioners' Technical
Adviser for Facility Siting

DECLARATION OF SERVICE

I, Cindy R. MacDonald, declare that on March 9, 2013, I served and filed copies of the attached Statement of Qualifications, dated March 9, 2013. This document is accompanied by the most recent Proof of Service, which I copied from the web page for this project at: <http://www.energy.ca.gov/sitingcases/hiddenhills/>.

The document has been sent to the other persons on the Service List above in the following manner:

(Check one)

For service to all other parties and filing with the Docket Unit at the Energy Commission:

I e-mailed the document to all e-mail addresses on the Service List above and personally delivered it or deposited it in the US mail with first class postage to those parties noted above as "hard copy required"; **OR**

Instead of e-mailing the document, I personally delivered it or deposited it in the US mail with first class postage to all of the persons on the Service List for whom a mailing address is given.

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

Dated: March 9, 2013



Cindy R. MacDonald