

Pico Power Project

Appendix 8.3-B Cultural Resources Resumes

- ***Jenna L. Farrell***
- ***Rebecca M. Bunse***

October 2002

EXPERIENCE SUMMARY

Ms. Farrell is an Assistant Archaeologist for Foster Wheeler Environmental Corporation. Ms. Farrell has 5 years of professional and field experience in cultural resources management including prehistoric and historic archaeology, traditional cultural properties. Ms. Farrell is experienced with the California Environmental Quality Act (CEQA) process and is familiar with state and federal regulations (NEPA, NAGPRA, NHPA) pertaining to cultural resource management. She has conducted cultural resources management analyses on a number of proposed development projects in California and Nevada, including proposed and approved power plant sites in California.

EDUCATION

BA, Anthropology/Archaeology; Minor, Native American Studies Humboldt State University, Arcata, CA, 1997.

TRAINING

Project Management 100, Foster Wheeler Environmental
Emergency First Responder, 5/2000
Wilderness First Responder 10/2001
Integrating Cultural Resources in NEPA Compliance 12/2001

REPRESENTATIVE PROJECT EXPERIENCE

Russell City Energy Center (01-AFC-07). Prepared cultural resources section for the environmental assessment for the reconductoring of the transmission line. Conducted a cultural resource literature and prepared the cultural resources inventory and historical background information.

Upper Slate DFPZ Project, Plumas National Forest. Conducted archaeological surveys, recorded historic and prehistoric archaeological sites, and site form preparation.

Antioch, Hesperia, Pajaro, Milpitas, Humboldt Bay; Calpine Corporation, Modoc; City of Modoc. Conducted literature searches and composed the cultural resource section for the Critical Issues Review for these projects.

Tesla Power Project, Midway Power, LLC, FPL Energy. Conducted archaeological surveys and recorded historic resources and conducted literature search for the proposed project. Completed data adequacy request for the California Energy Commission. Prepared an Archaeological Resource Management Report, and completed archaeological site forms.

Gilroy City LM6000 Phase I and Phase II Projects, Calpine Corporation. Prepared the Cultural Resources Section of the Application for Certification under the California Energy Commission's 21-day Process and four-month process for a natural gas-fired LM6000 peaking power plant. Planned and conducted cultural resources literature searches and field inventories for prehistoric and historic archaeological properties and historic buildings and structures. Conducted archaeological literature search and field inventory for power plant site, and linear routes in Santa Clara County. Consulted with Native American Heritage Commission and Native American tribes. Served as a liaison between construction personnel, tribal monitors, and agency representatives. Assisted

in the development of an archaeological resource treatment plan. Performed archaeological excavation for data recovery.

King City Project, Calpine Corporation. Prepared the Cultural Section of the Application for Certification under the California Energy Commission's 21-day Process for LM6000 natural gas-fired turbines at the existing power plant facilities, for submittal to the California Energy Commission. Planned and conducted cultural resources inventories, conducted archaeological literature search and field inventory for the power plant in Santa Clara and Monterey counties. Consulted with the Native American Heritage Commission and Native American tribes.

Inland Empire Power Project, Calpine Corporation. Conducted archaeological surveys of the proposed project area, literature search, and site recordation.

Edwards Air Force Base: Management Region 5, Palmdale, CA. Senior Archaeological Technician for Phase II detailed mapping and test excavation of 29 archaeological sites chosen from various sub-areas of Management Region 5 on the installation's Precision Impact Range Area. Operated high-precision global positioning system equipment for detailed site mapping, conducted test excavations, and laboratory analyses to determine National Register eligibility of the 29 archaeological sites.

Oregon and Northern California Fiber Optics Installation Project: 360 Networks Incorporated. Cultural Resources Technician providing technical and professional support in monitoring compliance for the protection of cultural resources for a fiber optic conduit installation program in southern Oregon and northern California. Monitored construction activities and conducted archaeological surveys and test excavations. Worked closely with Native American monitors. Ensured that all construction activities are performed in accordance with California Public Utilities Commission (CPUC) mitigation requirements and Forest Service/agency permit conditions. Served as a liaison between construction personnel, tribal monitors, and agency representatives

PRIOR EXPERIENCE

Bureau of Land Management; Elko, NV, Archaeologist GS-7; 10/99-05/00 - Duties included: assisting with Heritage Resource Surveys, on-site archaeological investigation, Native American consultation, site recordation, report writing, prefield research, GIS/GPS sites, create maps in ArcView/GIS, and complete associated projects.

U.S.D.A Forest Service; Humboldt-Toiyabe National Forest, Elko, NV, Archaeologist GS-7; 06/99-10/99 - Duties included: assisting with heritage resource surveys, prefield research, Native American consultation, on-site archaeological investigation, site recordation, report writing, and completed associated projects, supervised a crew of volunteers during a three-week Passport In Time excavation.

Holman & Associates; San Francisco, CA; Crissy Field Project, Archaeological Technician, 02/99-05/99 - Duties included: Assisting with field and lab work pertaining to the archaeological investigation of a historic site (some prehistoric), excavation, screening, sketching stratigraphic profiles, data recovery, tabulation, historic artifact analysis (c. 1776-1940) and artifact preservation.

U.S.D.A Forest Service: Modoc National Forest. Alturas, CA. Archaeological Technician, 06/98-11/98 - Duties included assisting with the heritage resource survey, on-site archaeological investigation, site recordation, prefield research.

Roscoe & Associates; Eureka, CA. Archaeological Technician; 07/97-03/98 - Duties included: field survey, drafting maps, data entry, pre-and post-field research, site testing (excavation), site form and report writing.

PROFESSIONAL ACCOMPLISHMENTS

Inducted into Pi Gamma Mu, the International Honor Society for Social Science
Forest Service Spot Award, 9/1998
Employee Recognition Award, Bureau of Land Management, 2000

REBECCA META BUNSE

JRP HISTORICAL CONSULTING SERVICES

EDUCATION:

M.A., History (Public History), 1996, California State University, Sacramento.
B.A., Women's Studies / Italian, 1990, University of California, Davis.

RELEVANT WORK EXPERIENCE:

Partner, JRP Historical Consulting Services, January 2002-present.

Senior Historian I, JRP Historical Consulting Services. January 2001-December 2001.

Staff Historian, JRP Historical Consulting Services. 1997 to 2000.

Research Assistant, JRP Historical Consulting Services. 1990-1996.

Ms. Bunse's experience at JRP encompasses many elements of cultural resources management and general historical research areas including: cultural resource management and preservation, land use and toxics, water resource issues, as well as litigation and expert witness support. As a partner and senior historian for JRP she has had a primary role in investigation, writing, and project design, in addition to staff management and continuing work in general research. Ms. Bunse also has extensive experience in the preparation of various types of Section 106 compliance documents.

HONORS AND PROFESSIONAL ORGANIZATIONS:

Registered Professional Historian #566, California Council for the Promotion of History
CCPH Representative to the National Trust for Historic Preservation Statewide
Coordination Meeting, 1997.

Phi Alpha Theta, History Honor Society

Member, Western History Association

Member, California Preservation Foundation

Member, California Council for the Promotion of History

Projects as Author and/or Lead Historian:

Inventory and Evaluation of Historic Resources near Peyton Slough, Contra Costa County. Prepared for URS Corporation, 2002.

Inventory and Evaluation of Historic Resources, Point Edith. Prepared for the Contra Costa County Mosquito and Vector Control District, 2002.

Historic American Building Survey documentation and preparation of interpretive material for former Solano County Hospital Complex demolition project. Solano County Architectural Services, Fairfield, California. January 2002.

Inventory and Evaluation of Historic Resources, Proposed Magnolia Park Development Project, Petaluma, California. Prepared for the City of Petaluma Planning Department, December 2001.

Inventory and Evaluation of Historic Significance of Residence at 607 Jefferson Street, Petaluma. For submission to Petaluma Site Plan and Architectural Review Committee. April 2001.

Historic Architectural Survey Report, Finding of Effects, and HAER documentation, for Relocation and Replacement of Wilbur Springs Road Bridge (15C008), Colusa County, California. Prepared for Pacific Legacy, Inc. 2001 and on-going.

Historic Architectural Survey Report for Highway 4 Widening Project, Contra Costa County, California. Prepared for Parsons Transportation Group. Project on-going.

Historic Architectural Survey Reports and Finding of Effect, Doyle Drive Replacement Project, San Francisco, California. For Parsons Brinkerhoff. Project on-going.

Historic Architectural Survey Report and Finding of Effect, Caltrain Extension to Transbay Terminal Joint Development Project, San Francisco, California. For Parsons Transportation Group. Project on-going.

Historic Architectural Survey Report for Silicon Valley Rapid Transit Corridor MIS/EIS/EIR. With Parsons Transportation Group for Earth Tech. Project on-going.

"Inventory and Evaluation of National Register Eligibility of Cold War Era Buildings and Structures, NAVWPNSTASB, DET Fallbrook." With Foster Wheeler Environmental Corporation, Inc. February 2001.

Historic American Building Survey, Harry Carey Ranch (John Clougherty Ranch), Saugus, Los Angeles County, California. Prepared for Montalvo Properties & Evans-Collins Community Builders. February 2001.

"Inventory and Evaluation of Historic Resources, Caltrain Electrification Project, San Francisco to Gilroy (MP 0.0 to 77.4)." Prepared for Parsons Transportation Group. Project on-going.

"Inventory and Evaluation of National Register Eligibility of Cold War Era Buildings and Structures, Naval Air Facility, El Centro." With Foster Wheeler Environmental Corporation. 2000.

National Register of Historic Places Nomination, NASA Saturn S-II Complex, Seal Beach Naval Weapons Station, Seal Beach, Orange County, California. January 2000.

"Inventory and Evaluation of National Register Eligibility of Cold War Era Buildings and Structures, Oakland Army Base." Prepared for Army Corps of Engineers, Sacramento District. March 1999.

Historic Architectural Survey Report, Interchange Improvements at Route 101/41 Junction in Atascadero, San Luis Obispo County, California. Prepared for California Department of Transportation, District 5. December 1999.

Inventory and Evaluation of Historic Resources, Alameda Corridor East, Los Angeles County, California. Prepared for Parsons Transportation Group. December 1999.

Historic inventory and evaluation of Walls Homestead site, Passing Lane Project, S.R. 299, Modoc County, California. For Far Western Anthropological Research Group. August 1999.

"Inventory and Evaluation of National Register Eligibility of Cold War Era Buildings and Structures, Naval Station, San Diego." With Foster Wheeler Environmental Corporation. 1999.

"Inventory and Evaluation of National Register Eligibility of Cold War Era Buildings and Structures, Fleet Combat Training Center Pacific, Point Loma, San Diego." With Foster Wheeler Environmental Corporation, May 1999.

"Inventory and Evaluation of National Register Eligibility of Cold War Era Buildings and Structures, Fleet Industrial Supply Center, Point Loma Annex, San Diego." With Foster Wheeler Environmental Corporation, May 1999.

"Inventory and Evaluation of Saeltzer Dam, Clear Creek, Shasta County, California." For Pacific Legacy, Inc. February 1999.

"Inventory and Evaluation of National Register Eligibility of Buildings and Structures, Southwest Division, Naval Facilities Engineering Command, 1220 Pacific Highway, San Diego." With Foster Wheeler Environmental Corporation, Inc. January 1999.

Inventory and evaluation of several buildings on the UC Davis main campus, including the Hog Barn, Veterinary Medicine Buildings, Briggs Reservoir remains, and Walker Hall. October 1998 through February 1999.

"Inventory and Evaluation of National Register Eligibility of Cold War Era Buildings and Structures, NWS Seal Beach." With Foster Wheeler Environmental Corporation, Inc. 1998.

"Inventory and Evaluation of National Register Eligibility of Cold War Era and Selected Other Buildings and Structures, NWS Concord." With Foster Wheeler Environmental Corporation, Inc. 1997-1998.

Author, "Inventory and Evaluation of Three Buildings Located within the Proposed Project Site for the Technology Classroom / Recital Hall Project, UC Davis Campus." For Pacific Legacy, Inc. 1998.

"Inventory and Evaluation of Nine Buildings in the Plant Science Replacement Facility Project, UC Davis Campus." For Pacific Legacy and UC Davis Architects and Engineers Office. December 1997.

"Inventory and Evaluation of Four Buildings in the Technology Classroom Project, UC Davis Campus." For Pacific Legacy and UC Davis Architects and Engineers Office. December 1997.

"Inventory and Evaluation, Peyton Marsh Drainage System, Contra Costa County, California." For Contra Costa Mosquito and Vector Control District. 1997.

"Historic Resource Inventory and Evaluation, Thomson-Reinhackle House, Bishop California." For Los Angeles Department of Water and Power. 1997.

"Historic Architectural Survey Report on Eight Groups of Buildings within the Morrison Creek Mining Reach project area, Sacramento County." With Garcia and Associates. 1996.

"Historic Context for Evaluating Cultural Resources within the Glass Mountain Transmission Line Corridor, Siskiyou and Modoc Counties, California." For BioSystems Analysis, Inc., Santa Cruz. 1995.

Projects as Co-author and/or Historian:

DPR 523 Form for Magnolia-Olive Power Plant Complex, Burbank, California. Prepared for URS Corporation. October 2001.

Form DPR 523 Records for Buildings near the Proposed Water Mains for the El Segundo Power Redevelopment Project, El Segundo, California. Prepared for URS Corporation. March 2001.

Inventory and Evaluation of Historic Resources, CalTrain Electrification Project, San Francisco to Gilroy (MP 0.0 to 77.4). Prepared for Parsons Transportation Group. Project on-going.

Historic Evaluation of the Burbank Generating Station, Burbank, Los Angeles County, California. Prepared for URS Corporation. February 2001.

Historic Evaluation of the El Segundo Generating Station, El Segundo, Los Angeles County, California. Prepared for URS Corporation November 2000.

Historic Architectural Survey Report: Russell Espinosa Parkway Project, Monterey County, California." Caltrans District 5. Project on-going.

Historic Architectural Survey Report, Improvements Route 101 near Prunedale, Monterey County, California. Prepared for California Department of Transportation, District 5. December 1999.

Contributor and research assistant, "Inventory and Evaluation of National Register of Historic Places Eligibility for Buildings and Structures, Space and Naval Warfare Systems Center, Point Loma, San Diego County, California." With Foster Wheeler Environmental Corporation, Inc. January 1999.

Contributor and research assistant, Statewide Department of Defense Inventory of Cultural Resources Projects and Thematic Context Statement. With Foster Wheeler Environmental Corporation, Inc. 1997-present.

Contributor and research assistant, inventory and evaluation projects of US Marine Corps in California. With Foster Wheeler Environmental Corporation, Inc. 1997-present.

Co-author and principal researcher, state-wide thematic study of historic canal resources. Project included an historic overview of canal technology, and an analysis of current evaluation methodologies, as well as proposing a standardized canal recordation format. For the California Department of Transportation. 1995.

Co-author and principal researcher, National Register Evaluation for Rough Rider Building, Napa, California. U.S. Army Corps of Engineers, Sacramento District. 1994.

Contributor and research assistant, Class III Cultural Resources Report: Historic Sites Survey and Evaluation on the Proposed Mojave Natural Gas Pipeline Northern Extension from Bakersfield to Sacramento and the East Bay, CA. Woodward-Clyde Consultants, Inc. 1993-1995.

Co-author and principal researcher, Historic Resource Evaluation Report on Oakdale Irrigation District canals, Stanislaus County, CA. 1993.

Co-author and research assistant, Historic Architecture Survey Report, Mather Extension of Light Rail Transit, Sacramento County, CA. Jones & Stokes. 1993.

Contributor and research assistant, Evaluation of Potential Historic Significance for Buildings and Structures Located at the Visalia Pole Yard, Visalia, CA. Southern California Edison Company. 1993.

Projects as General Researcher:

Field Technician and graphics production for review of proposed historic district, San Diego, California. 1999.

Inventory of selected historic structures along fiber-optics line installation project within various railroad alignments in northern California. For Level III. 1999.

Field Research, Historic overview for Coso Village site, China lake Naval Weapons Center, California, 1998.

Research Assistant, Survey of Historic Resources, China Lake Naval Weapons Center, California. 1996-1997.

Researcher and field technician, Survey of Cold War Historic Resources, Naval Air Weapons Station, Point Mugu, California. 1996.

Field technician, Historic Architectural Survey Report, Sacramento Light Rail Transit, Folsom Extension. 1996.

Research Assistant, Historic Resources Evaluation, Naval Air Station, El Toro, California. 1996.

Field technician, historic resource survey and land use study, Lake County, California. 1996.

Researcher, field technician, Historic Architectural Survey Report, Sacramento Light Rail Transit, South Sacramento Extension. 1995.

Building Maintenance Manuals, NAS Historic District and U.S. Army Rockwell Field Historic District, NAS, North Island, San Diego, CA. U.S. Navy, Southwest Facilities Engineering. 1995.

National Register of Historic Places Historic District Nomination for Mare Island Naval Shipyard, Vallejo, CA. U.S. Navy, Western Division Environmental Planning. 1995.

Indexed historic plans and maps accompanying National Register Nomination of the Marine Corps Recruit Depot, San Diego. U.S. Army Corps of Engineers, Los Angeles District. 1994.

Historical Preservation Plan for March Air Force Base, Riverside County, California. U.S. Army Corps of Engineers, Los Angeles District. 1993.

Research assistant and graphics production, National Register Nominations of Fort Huachuca Historic District, Million Dollar Barracks, and Stone Quarters, Fort Huachuca, Arizona. U.S. Army Corps of Engineers, Los Angeles District. 1993.

Bell's Bridge Historic Site, Shasta County, CA. Far Western Anthropological Research Group. 1993.

Research assistant and graphic designer, Historic Architecture Survey Report and Historic Resource Evaluation Reports, State Route 70, Sutter and Yuba Counties, CA. Caltrans District 3. 1993.

Research assistant and graphics production, Historic Architecture Survey Report and Historic Resource Evaluation Reports, State Route 58, Kern County, CA. Parsons-DeLeuw. 1993.

National Register Evaluation for Hatt Building, Noyes Lumber company and Jaekle Bros. Planing Mill Buildings, Napa, California. U.S. Army Corps of Engineers, Sacramento District. 1992-1993.

Research assistant and graphics production, National Register Historic District Evaluation of March Air Force Base, Riverside County, California. U.S. Army Corps of Engineers, Los Angeles District. 1991-1992.

Research assistant and graphics production, Historic Architecture Survey Report and Historic Resource Evaluation Report, State Route 180, Fresno County, California. 1991-1992.

Project to document the significance of historic engineering features on the El Dorado Canal, El Dorado County, California. With BioSystems Analysis, for Pacific Gas & Electric Company, for the El Dorado National Forest. 1991.

Research assistant and contributor, comprehensive settlement and irrigation history of the Lytle Creek Basin, San Bernardino County, California. Lagerlof, Senecal, Drescher, & Swift for Fontana Union Water Company. 1990-1991.

National Register Evaluation of Lighter-than-Air Hangars, Marine Corps Air Station - Tustin, California. U.S. Army Corps of Engineers, Los Angeles District. 1990-1991.